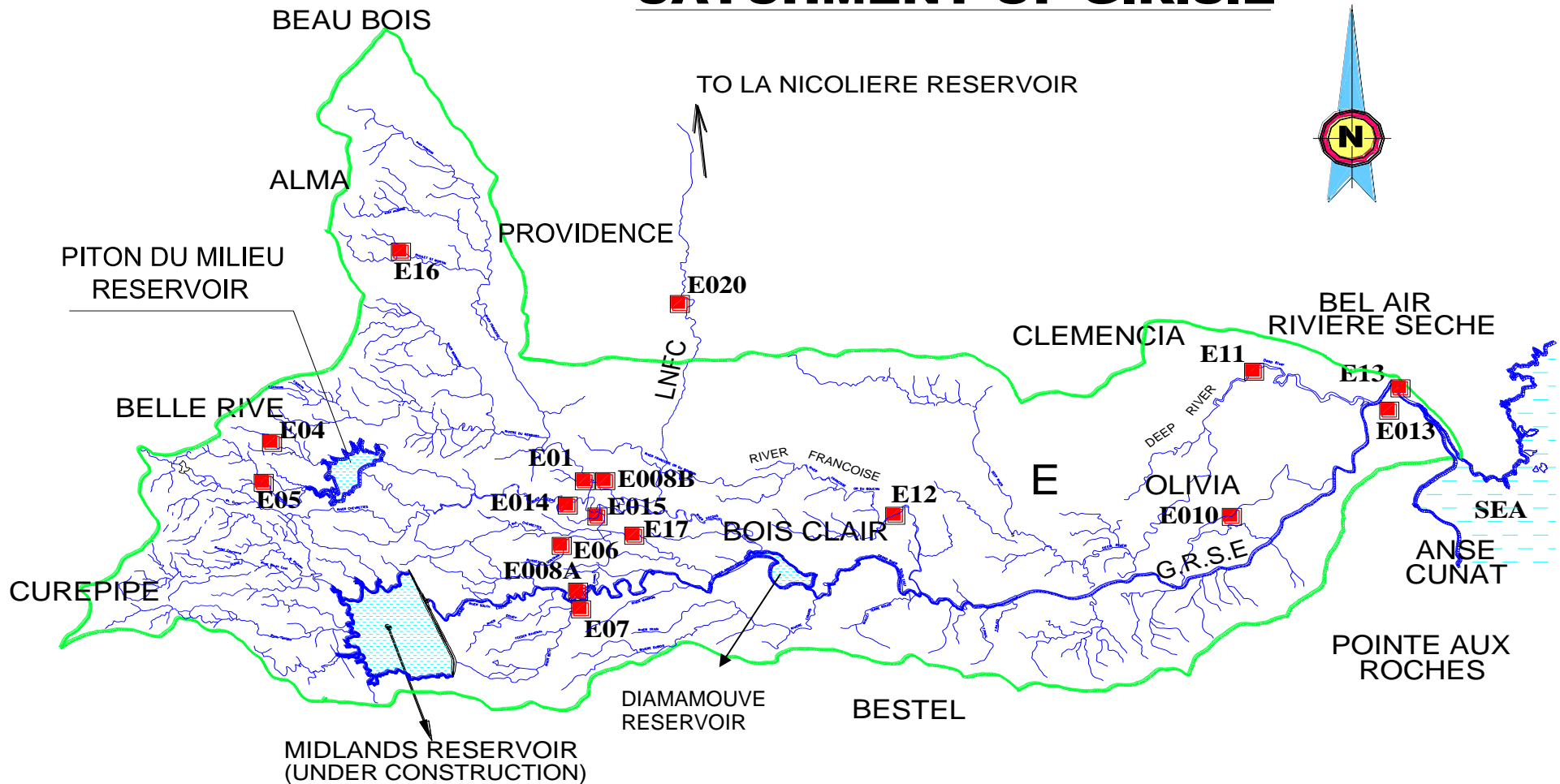
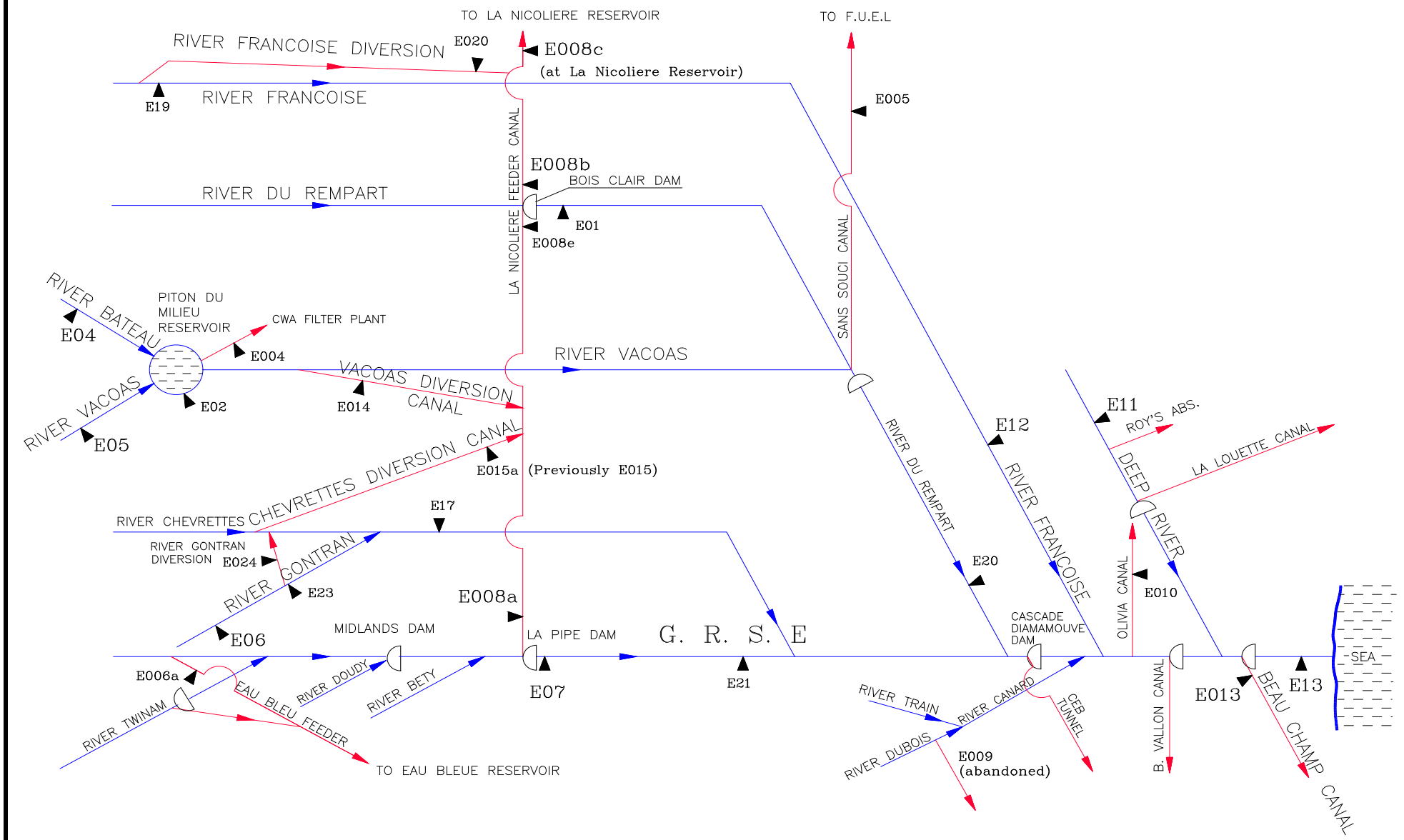


# CATCHMENT OF G.R.S.E



# SCHEMATIC DIAGRAM OF G.R.S.E



## STATION DESCRIPTION

<b>RIVER</b>	:	Du Rempart	Bateau	Vacoas	Gontran
<b>CATCHMENT CODE</b>	:	E			
<b>STATION CODE</b>	:	E01	E04	E05	E06
<b>LOCATION</b>	:	Bois Clair Dam	Belle Rive	Belle Rive	Dubreuil
<b>GRID REF.</b>	<b>Easting</b>	: 1,009,987	1,003,970	1,003,802	1,009,420
	<b>Northing</b>	: 989,375	990,247	989,407	988,072
<b>ELEVATION (m)</b> (a.m.s.l)	:	330	465	462	348
<b>MAXIMUM ELEVATION</b> (m) (a.m.s.l)	:	540	538	580	380
<b>CATCHMENT AREA ( Km<sup>2</sup> )</b>					
	<b>At Station</b>	: 11.64	0.68	0.74	0.73
	<b>At Sea</b>	: 165.70	165.70	165.70	165.70
<b>RECORD</b>	:	November 1972	April 1967	April 1967	October 1967

**EQUIPMENT AT STATION :**

<b>E01</b>	:	Rectangular weir in broad crested dam with 3.0 ft staff gauge Leupold and Stevens Type A 71 strip chart water level recorder
<b>E04</b>	:	2 Sharp crested weirs at different levels in a broad crested weir with 3.0 ft staff gauge. Leupold and Stevens Type F weekly water level recorder
<b>E05</b>	:	2 Sharp crested rectangular weirs in broad crested weir with 1.0m staff gauge Leupold and Stevens Type F weekly water level recorder.
<b>E06</b>	:	2 Sharp crested weirs in a broad crested weir with a 3.0 ft staff gauge Leupold and Stevens Type F weekly water level recorder

ANNUAL DISCHARGE RECORD

E01 - Riv. Du Rempart

		NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	YEAR
YEAR : 2005 / 06	Volume (Mm <sup>3</sup> )	0.738	0.916	1.674	4.192	10.563	1.446	0.449	0.422	0.730	0.635	0.621	0.687	23.071
	Mean (m <sup>3</sup> /s)	0.285	0.342	0.625	1.733	3.944	0.558	0.168	0.163	0.273	0.237	0.240	0.256	0.732
	Max (m <sup>3</sup> /s)	0.998	1.470	11.400	11.700	19.900	2.090	0.247	0.253	0.783	0.282	0.288	0.299	19.900
	Min (m <sup>3</sup> /s)	0.173	0.134	0.136	0.139	0.384	0.153	0.129	0.127	0.204	0.192	0.192	0.214	0.127
	Abs.Peak (m <sup>3</sup> /s)	1.470	2.120	36.600	24.200	41.200	3.310	0.453	0.453	2.970	0.530	0.898	0.402	41.200

		NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	YEAR
YEAR : 2006 / 07	Volume (Mm <sup>3</sup> )	0.661	0.628	0.863	6.426	3.601	0.387	0.518	0.630	1.029	0.650	0.670	0.744	16.808
	Mean (m <sup>3</sup> /s)	0.255	0.235	0.322	2.656	1.344	0.149	0.194	0.243	0.384	0.243	0.258	0.278	0.533
	Max (m <sup>3</sup> /s)	0.458	0.296	2.190	20.600	4.480	0.280	0.553	1.050	1.320	0.333	0.336	0.570	20.600
	Min (m <sup>3</sup> /s)	0.190	0.178	0.139	0.131	0.127	0.055	0.063	0.066	0.152	0.209	0.214	0.227	0.055
	Abs.Peak (m <sup>3</sup> /s)	1.920	0.314	9.910	41.200	5.780	0.365	0.818	2.830	1.830	1.550	0.530	2.970	41.200

		NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	YEAR
YEAR : 2007 / 08	Volume (Mm <sup>3</sup> )	0.673	0.831	0.745	1.808	10.736	2.520	1.046	3.319	3.104	2.001	5.034	1.069	32.885
	Mean (m <sup>3</sup> /s)	0.260	0.310	0.278	0.722	4.009	0.972	0.390	1.281	1.159	0.747	1.942	0.399	1.040
	Max (m <sup>3</sup> /s)	0.322	0.391	0.522	5.410	33.781	2.730	2.870	2.190	3.090	1.990	12.900	1.180	33.781
	Min (m <sup>3</sup> /s)	0.241	0.217	0.027	0.067	0.289	0.472	0.003	0.269	0.236	0.218	0.242	0.265	0.003
	Abs.Peak (m <sup>3</sup> /s)	0.609	0.818	2.720	5.640	104.54 <sup>■</sup>	2.970	2.970	5.040	4.08	2.120	21.100	1.470	104.540

		NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	YEAR
YEAR : 2008 / 09	Volume (Mm <sup>3</sup> )	0.835	0.759	2.383	3.114	6.863	7.033	2.618	1.018	1.550	3.640	0.797	1.446	32.053
	Mean (m <sup>3</sup> /s)	0.322	0.283	0.890	1.287	2.562	2.713	0.977	0.393	0.579	1.359	0.307	0.540	1.016
	Max (m <sup>3</sup> /s)	1.110	0.559	2.970	3.430	32.500	19.200	2.880	1.250	2.190	2.120	0.544	5.420	32.500
	Min (m <sup>3</sup> /s)	0.199	0.194	0.177	0.178	0.331	0.530	0.068	0.216	0.237	0.381	0.188	0.191	0.068
	Abs.Peak (m <sup>3</sup> /s)	7.160	1.060	7.330	16.200	33.800	19.900	3.570	2.400	3.430	3.940	1.060	5.640	33.800

		NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	YEAR
YEAR : 2009 / 10	Volume (Mm <sup>3</sup> )	1.632	1.692	4.227	4.668	4.872	0.826	0.496	0.707	1.225	2.435	1.811	0.781	25.372
	Mean (m <sup>3</sup> /s)	0.629	0.632	1.578	1.930	1.819	0.319	0.185	0.273	0.457	0.909	0.699	0.291	0.805
	Max (m <sup>3</sup> /s)	2.110	3.290	6.500	7.160	3.230	1.920	0.934	0.466	1.110	4.430	2.740	0.439	7.160
	Min (m <sup>3</sup> /s)	0.138	0.205	0.411	0.141	0.171	0.000	0.003	0.118	0.166	0.200	0.087	0.228	0.000
	Abs.Peak (m <sup>3</sup> /s)	15.100	14.100	25.200	16.000	7.990	1.920	1.920	0.569	1.310	7.160	2.970	0.733	25.200

\* generated values

■ Estimated

N.A Not available