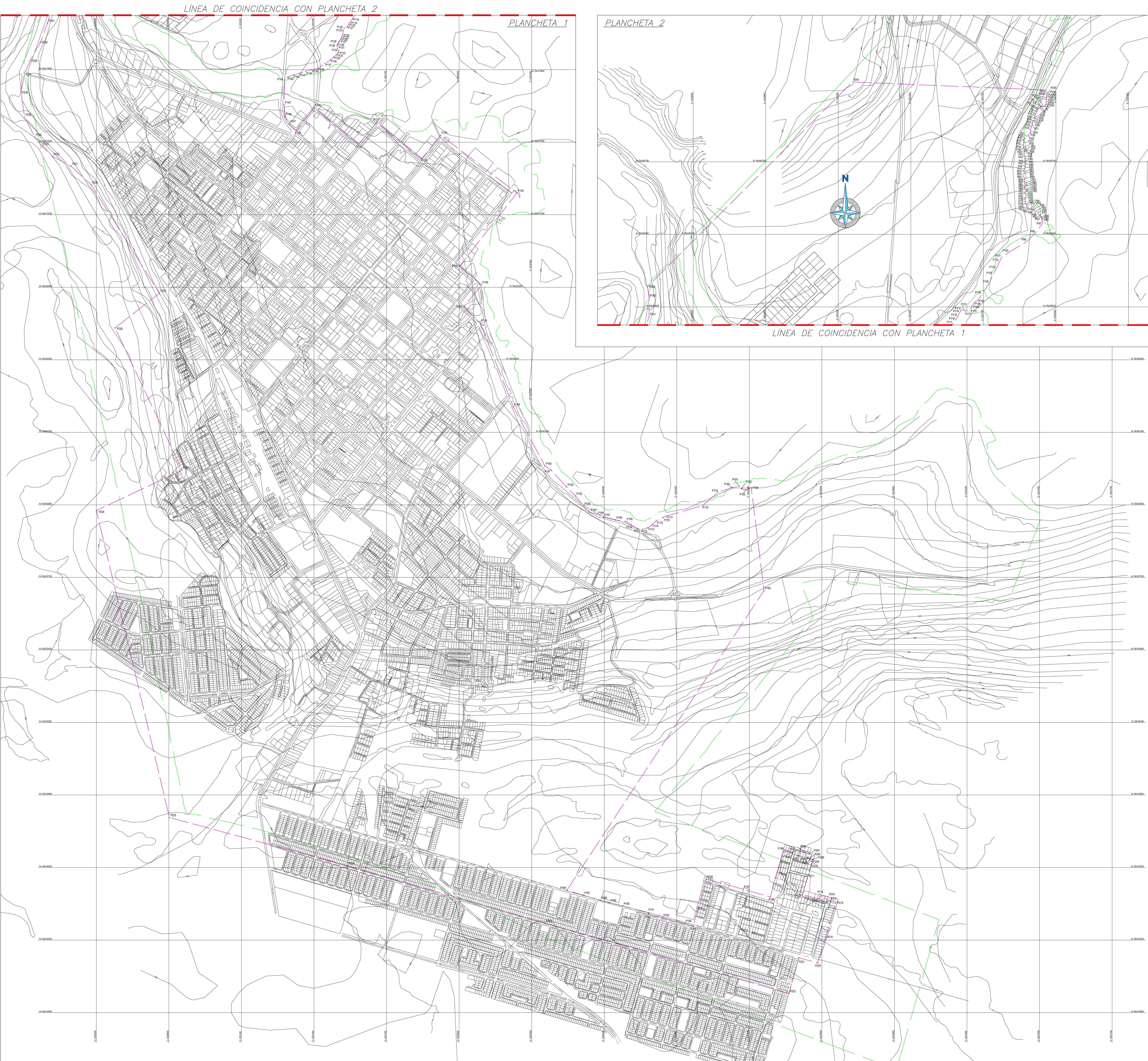
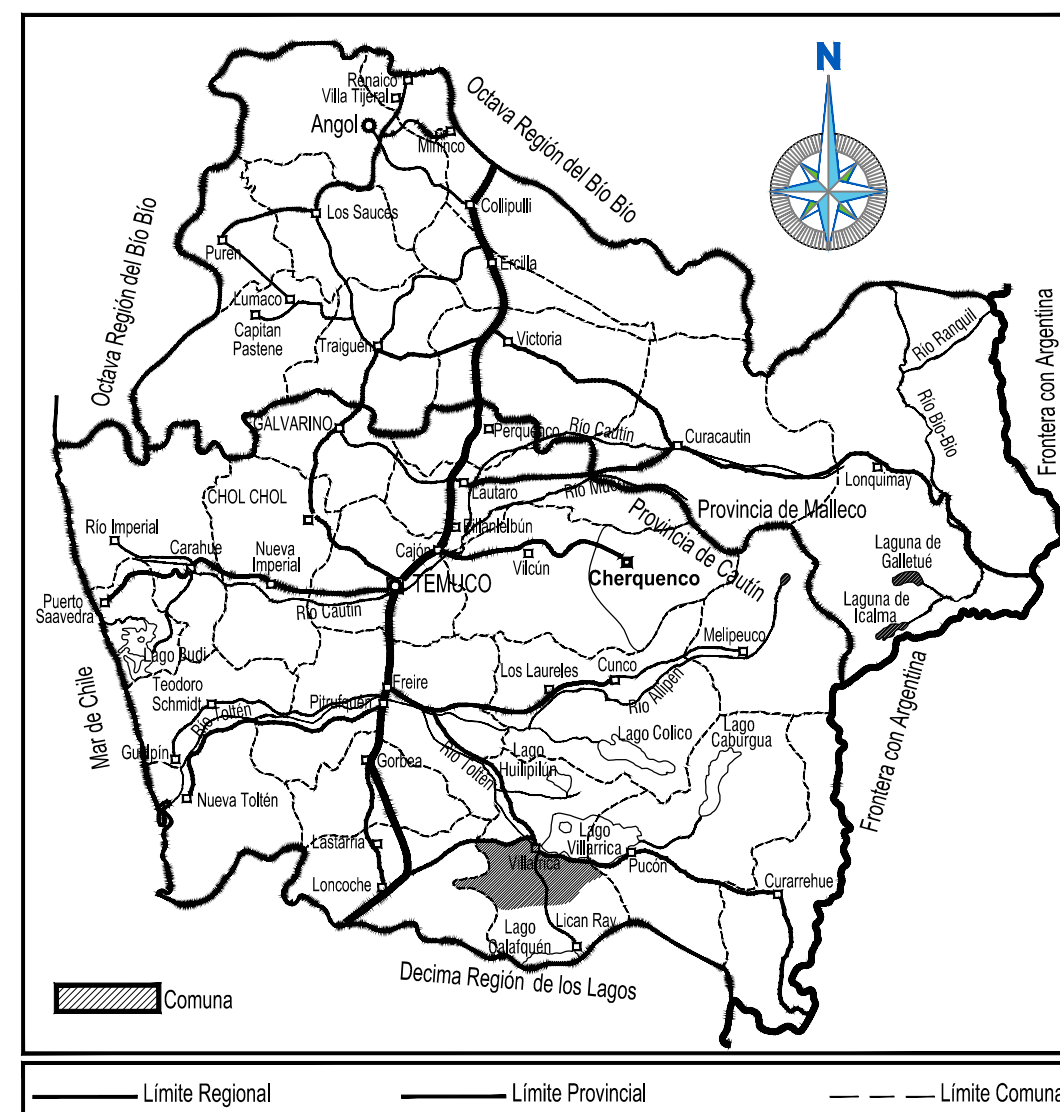




SIMBOLOGIA

- LIMITE URBANO
- LIMITE DE AREA DE CONCESION
- PN°
- VERTECE



UBICACION GEOGRAFICA SIN ESCALA

CUADRO COORDENADAS UTM DE LOS VERTECES TERRITORIO OPERACIONAL DE A.P.Y.A.S.

NORTE	ESTE	PTO	NORTE	ESTE	PTO	NORTE	ESTE	PTO
5648929,557	221951,257	P1	5648502,268	221904,041	P86	5645901,788	222736,486	P171
5648928,439	221947,392	P2	5648501,447	221907,985	P87	5645899,037	222758,267	P172
5648927,742	221943,398	P3	5648499,515	221911,491	P88	5645905,199	222780,528	P173
5648929,024	221939,604	P4	5648495,222	221918,242	P89	5645917,642	222797,239	P174
5648928,112	221935,675	P5	5648488,666	221922,308	P90	5645932,901	222814,477	P175
5648924,859	221933,335	P6	5648479,966	221931,245	P91	5645948,338	222843,541	P176
5648920,763	221928,945	P7	5648477,989	221935,042	P92	5645953,057	222855,357	P177
5648916,537	221924,715	P8	5648475,603	221937,964	P93	5645997,108	223006,674	P178
5648909,126	221921,498	P9	5648470,893	221939,225	P94	5646051,320	223070,425	P179
5648906,371	221915,548	P10	5648467,519	221941,404	P95	5646071,269	223127,687	P180
5648890,910	221913,024	P11	5648466,770	221941,771	P96	5646076,308	223157,805	P181
5648883,036	221911,592	P12	5648443,252	221943,072	P97	5646066,733	223168,105	P182
5648879,291	221913,004	P13	5648407,534	221915,347	P98	5646061,859	223185,496	P183
5648878,413	221914,801	P14	5648370,757	221880,006	P99	5646070,769	223207,809	P184
5648875,945	221920,283	P15	5648326,939	221806,232	P100	5645645,553	223260,529	P185
5648872,744	221917,809	P16	5648305,290	221776,351	P101	5644405,671	222445,283	P186
5648873,687	221913,307	P17	5648286,910	221766,767	P102	5644585,338	222513,717	P187
5648873,386	221909,837	P18	5648258,940	221752,645	P103	5644364,923	222583,292	P188
5648871,324	221906,406	P19	5648235,340	221740,404	P104	5644354,707	222621,705	P189
5648865,601	221904,300	P20	5648199,930	221725,911	P105	5644340,777	222676,814	P190
5648855,995	221901,749	P21	5648153,448	221693,298	P106	5644312,972	222784,331	P191
5648842,483	221897,324	P22	5648127,237	221676,762	P107	5644308,020	222783,208	P192
5648832,802	221894,809	P23	5648113,234	221661,369	P108	5644293,051	222840,459	P193
5648824,816	221895,610	P24	5648104,058	221654,314	P109	5644269,319	222932,912	P194
5648821,144	221893,910	P25	5648086,255	221644,073	P110	5644257,508	222967,861	P195
5648809,550	221885,903	P26	5648085,749	221626,872	P111	5644452,407	223021,710	P196
5648805,189	221881,737	P27	5648088,237	221618,292	P112	5644410,475	223173,502	P197
5648797,385	221872,617	P28	5648086,565	221608,520	P113	5644378,378	223286,534	P198
5648791,203	221867,379	P29	5648070,297	221602,740	P114	5644370,871	223343,084	P199
5648789,237	221866,908	P30	5648062,415	221595,031	P115	5644560,414	223378,045	P200
5648781,219	221865,946	P31	5648046,820	221585,645	P116	5644555,846	223378,349	P201
5648767,102	221865,681	P32	5648032,738	221574,530	P117	5644549,436	223404,296	P202
5648750,092	221867,792	P33	5648010,879	221559,046	P118	5644566,773	223409,139	P203
5648755,694	221867,792	P34	5647995,158	221550,251	P119	5644557,292	223447,530	P204
5648752,937	221875,333	P35	5647988,560	221543,987	P120	5644542,363	223443,339	P205
5648750,932	221878,804	P36	5647977,804	221537,763	P121	5644540,379	223451,369	P206
5648747,422	221876,819	P37	5647971,313	221524,838	P122	5644536,166	223450,329	P207
5648747,156	221872,820	P38	5647962,176	221521,156	P123	5644533,483	223461,191	P208
5648745,655	221869,982	P39	5647943,782	221518,283	P124	5644566,649	223462,311	P209
5648741,629	221868,686	P40	5647933,504	221516,385	P125	5644511,900	223456,081	P210
5648734,801	221869,033	P41	5647925,179	221510,931	P126	5644471,493	223443,964	P211
5648727,614	221870,113	P42	5647917,711	221505,919	P127	5644388,125	223419,291	P212
5648721,603	221870,698	P43	5647912,502	221501,165	P128	5644370,051	223487,493	P213
5648713,633	221871,738	P44	5647903,999	221496,687	P129	5644387,666	223492,162	P214
5648706,982	221875,340	P45	5647898,561	221495,264	P130	5644379,542	223524,782	P215
5648702,990	221875,863	P46	5647888,800	221487,455	P131	5644362,322	223520,493	P216
5648699,035	221874,873	P47	5647879,320	221501,714	P132	5644361,120	223533,569	P217
5648693,098	221873,628	P48	5647870,601	221500,644	P133	5644354,399	223556,952	P218
5648687,137	221872,776	P49	5647863,012	221493,996	P134	5644212,260	223515,739	P219
5648679,185	221871,719	P50	5647852,869	221482,015	P135	5644105,648	223481,587	P220
5648671,300	221869,477	P51	5647839,843	221468,025	P136	5644126,593	223404,945	P221
5648663,459	221867,793	P52	5647825,141	221445,343	P137	5643978,664	223363,631	P222
5648657,447	221867,730	P53	5647803,799	221413,748	P138	5644270,401	223256,083	P223
5648651,362	221867,223	P54	5647799,705	221388,040	P139	5644507,538	221539,231	P224
5648645,374	221867,771	P55	5647793,250	221365,360	P140	5644707,050	220802,054	P225
5648639,320	221867,933	P56	5647785,044	221341,146	P141	5645976,621	220500,439	P226
5648631,281	221868,396	P57	5647777,860	221315,764	P142	5646143,665	220854,762	P227
5648625,265	221869,137	P58	5647763,993	221293,324	P143	5646731,755	220577,515	P228
5648618,411	221870,019	P59	5647758,737	221279,052	P144	5646875,591	220760,485	P229
5648611,087	221870,590	P60	5647654,577	221276,118	P145	5647323,701	220479,068	P230
5648603,114	221871,450	P61	5647606,139	221279,030	P146	5647400,660	220395,625	P231
5648599,077	221871,407	P62	5647576,329	221296,863	P147	5647440,785	220319,536	P232
5648595,039	221871,365	P63	5647546,979	221327,190	P148	5647483,313	220275,015	P233
5648591,039	221871,961	P64	5647543,182	221400,376	P149	5647521,158	220245,647	P234
5648587,133	221873,073	P65	5647490,803	221584,857	P150	5647603,747	220203,511	P235
5648585,376	221876,658	P66	5647582,777	221660,089	P151	5647707,208	220188,396	P236
5648581,369	221876,994	P67	5647431,038	221844,491	P152	5647782,288	220202,705	P237
5648577,986	221874,913	P68	5647529,272	221923,237	P153	5647839,177	220226,938	P238
5648574,274	221873,265	P69	5647289,740	222238,331	P154	5647913,092	220268,458	P239
5648570,280	221872,889	P70	5646981,677	222002,073	P155	5647992,526	220298,080	P240
5648566,188	221872,860	P71	5646910,663	222092,329	P156	5648060,326	220317,397	P241
5648560,539	221873,047	P72	5646819,072	222019,231	P157	5648137,778	220317,326	P242
5648554,083	221873,533	P73	5646752,717	222087,003	P158	5648184,886	220311,470	P243
5648550,058	221873,450	P74	5646605,214	222224,009	P159	5648030,411	221158,146	P244
5648546,067	221872,983	P75	5646160,694	222454,701	P160	5647913,092	220268,458	P239
5648542,036	221873,111	P76	5646144,171	222380,739	P161	5648095,169	221971,038	P246
5648536,040	221873,845	P77	5646073,532	222444,706	P162	5648986,731	221968,226	P247
5648529,053	221874,930	P78	5646036,183	222481,339	P163	5648982,437	221963,955	P248
5648522,147	221876,276	P79	5645995,110	222514,427	P164	5648976,758	221961,901	P249
5648518,452	221871,855	P80	5645969,345	222540,585	P165	5648970,730	221960,958	P250
5648509,330	221885,859	P81	5645957,642	222582,101	P166	5648964,682	221961,360	P251
5648506,662	221888,853	P82	5645948,887	222596,738	P167	5648958,630	221961,696	P252
5648504,864	221892,420	P83	5645937,505	222646,432	P168	5648948,609	221960,317	P253
5648503,244	221896,097	P84	5645931,662	222689,154	P169	5648936,779	221957,809	P254
5648502,343	221900,036	P85	5645917,524	222710,584	P170	5648931,728	221954,661	P255

NOTA:

REFERENCIA EN DATUM WGS-84 HUSO 19



PLANES DE DESARROLLO 2020-2034

PLANO DE TERRITORIO OPERACIONAL DE

AGUA POTABLE Y ALCANTARILLADO

LOCALIDAD VILLARRICA

UTM: DATUM WGS 84 HUSO 19S

ESCALA 1:6.000

FECHA

NOVIEMBRE 2019

PLANO N°

1 DE 1

REV

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Gerente General
Aguas Araucanía S.A.

