PROYECTO DE EXPLOTACIÓN DE LOS SERVICIOS DE ABASTECIMIENTO Y SANEAMIENTO DEL MUNICIPIO DE VILLA DE ARICO
CUADRO DE LA EXPLOTACIÓN DEL SERVICIO DURANTE EL PERIODO DE CONCESIÓN

EJERCICIOS			**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**
AÑOS			**2009**	**2010**	**2011**	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**
COMPRA DE AGUA A PROVEEDORES	m3		1.119.828	975.434	852.808	811.873	796.260	791.881	807.718	823.873	840.350	857.157	874.300	891.786	909.622	927.815	946.371	965.298	984.604	1.004.296	1.024.382	1.044.870	1.065.767
AGUA MUNICIPAL	m3		71.036	73.167	75.362	77.623	79.952	82.350	84.821	87.366	89.986	92.686	95.467	98.331	101.281	104.319	107.449	110.672	113.992	117.412	120.934	124.562	128.299
TOTAL AGUA ADQUIRIDA	m3		1.190.865	1.226.591	1.263.388	1.301.290	1.340.329	1.380.538	1.421.955	1.464.613	1.508.552	1.553.808	1.600.422	1.648.435	1.697.888	1.748.825	1.801.290	1.855.328	1.910.988	1.968.318	2.027.367	2.088.188	2.150.834
PRECIO DEL AGUA COMPRADA	€/m3		0,5962	0,6141	0,6325	0,6515	0,6710	0,6912	0,7119	0,7333	0,7553	0,7779	0,8013	0,8253	0,8501	0,8756	0,9018	0,9289	0,9568	0,9855	1,0150	1,0455	1,0768
USUARIOS (CONTADORES)	num		5.887	6.005	6.125	6.247	6.372	6.500	6.630	6.762	6.898	7.036	7.176	7.320	7.466	7.615	7.768	7.923	8.082	8.243	8.408	8.576	8.748
CRECIMIENTO DE USUARIOS	%	2,00%	2,00%	2,00%	2,00%	2,00%	2,00%	2,00%	2,00%	2,00%	2,00%	2,00%	2,00%	2,00%	2,00%	2,00%	2,00%	2,00%	2,00%	2,00%	2,00%	2,00%	2,00%
CRECIMIENTO DEL CONSUMO	%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%
CONSUMO DE USUARIOS	m3/año		562.534	573.785	585.260	596.966	608.905	621.083	633.505	646.175	659.098	672.280	685.726	699.440	713.429	727.698	742.252	757.097	772.239	787.683	803.437	819.506	835.896
CONSUMO DEPENDENCIAS MUNICIPALES	2%		11.251	11.476	11.705	11.939	12.178	12.422	12.670	12.923	13.182	13.446	13.715	13.989	14.269	14.554	14.845	15.142	15.445	15.754	16.069	16.390	16.718
SUMA CONSUMO AGUA	m3/año		573.785	585.260	596.966	608.905	621.083	633.505	646.175	659.098	672.280	685.726	699.440	713.429	727.698	742.252	757.097	772.239	787.683	803.437	819.506	835.896	852.614
RENDIMIENTO RED	%		48,2%	60,0%	70,0%	75,0%	78,0%	80,0%	80,0%	80,0%	80,0%	80,0%	80,0%	80,0%	80,0%	80,0%	80,0%	80,0%	80,0%	80,0%	80,0%	80,0%	80,0%
INGRESOS																							
FACTURACIÓN DE AGUA	€/año		745.204	782.911	822.527	864.146	907.872	953.811	1.002.073	1.052.778	1.106.049	1.162.015	1.220.813	1.282.586	1.347.485	1.415.668	1.487.301	1.562.558	1.641.623	1.724.689	1.811.959	1.903.644	1.999.968
ALCANTARILLADO	€/año		31.636	33.237	34.919	36.685	38.542	40.492	42.541	44.693	46.955	49.331	51.827	54.449	57.205	60.099	63.140	66.335	69.692	73.218	76.923	80.815	84.904
OTROS	€/año		127.404	133.851	140.623	147.739	155.215	163.068	171.320	179.989	189.096	198.664	208.717	219.278	230.373	242.030	254.277	267.143	280.661	294.862	309.782	325.457	341.925
INGRESOS POR TRABAJOS A TERCEROS	€/año	6,000	6.000	6.120	6.242	6.367	6.495	6.624	6.757	6.892	7.030	7.171	7.314	7.460	7.609	7.762	7.917	8.075	8.237	8.401	8.569	8.741	8.916
TOTAL INGRESOS	€/año		**910.244**	**956.119**	**1.004.311**	**1.054.938**	**1.108.123**	**1.163.996**	**1.222.691**	**1.284.352**	**1.349.130**	**1.417.181**	**1.488.671**	**1.563.773**	**1.642.672**	**1.725.558**	**1.812.634**	**1.904.111**	**2.000.212**	**2.101.171**	**2.207.233**	**2.318.657**	**2.435.713**
IPC ANUAL		3,00%	3,00%	3,00%	3,00%	3,00%	3,00%	3,00%	3,00%	3,00%	3,00%	3,00%	3,00%	3,00%	3,00%	3,00%	3,00%	3,00%	3,00%	3,00%	3,00%	3,00%	3,00%
IPC ACUMULADO			1,00	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	1,344	1,384	1,426	1,469	1,513	1,558	1,605	1,653	1,702	1,754	1,806
GASTOS																							
PERSONAL	€/año		186.580	186.580	193.138	199.927	206.955	214.229	221.759	229.554	237.623	245.975	254.621	263.571	272.836	282.426	292.353	302.629	313.267	324.278	335.677	347.476	359.689
MANTENIMIENTO Y CONSERVACIÓN	€/año		110.383	113.694	117.105	120.618	124.237	127.964	131.803	135.757	139.830	144.025	148.346	152.796	157.380	162.101	166.964	171.973	177.132	182.446	187.920	193.557	199.364
UTILIZACIÓN DE MEDIOS MATERIALES	€/año		5.128	5.282	5.440	5.604	5.772	5.945	6.123	6.307	6.496	6.691	6.892	7.098	7.311	7.531	7.757	7.989	8.229	8.476	8.730	8.992	9.262
GESTIÓN ADMINISTRATIVA	€/año		34.321	35.351	36.411	37.503	38.629	39.787	40.981	42.211	43.477	44.781	46.125	47.508	48.934	50.402	51.914	53.471	55.075	56.727	58.429	60.182	61.988
CONTROL DE LA CALIDAD DEL AGUA	€/año		18.543	19.099	19.672	20.262	20.870	21.496	22.141	22.806	23.490	24.194	24.920	25.668	26.438	27.231	28.048	28.889	29.756	30.649	31.568	32.515	33.491
COMPRA DE AGUA	€/año		667.660	599.017	539.423	528.937	534.328	547.331	575.026	604.122	634.690	666.806	700.546	735.994	773.235	812.361	853.466	896.652	942.022	989.689	1.039.767	1.092.374	1.147.653
ENERGIA ELECTRICA	€/año		4.244	4.593	4.970	5.378	5.819	6.297	6.814	7.374	7.979	8.635	9.344	10.111	10.941	11.840	12.812	13.864	15.003	16.235	17.568	19.010	20.572
REACTIVOS	€/año		6.194	5.557	5.004	4.907	4.957	5.078	5.335	5.605	5.888	6.186	6.499	6.828	7.173	7.536	7.918	8.318	8.739	9.182	9.646	10.134	10.647
AMORTIZACIÓN PLAN DE INVERSIONES 2010-2011	2,00%	300.000		18.347	18.347	18.347	18.347	18.347	18.347	18.347	18.347	18.347	18.347	18.347	18.347	18.347	18.347	18.347	18.347	18.347	18.347	18.347	18.347
DOTACIÓN DE INSOLVENCIAS	€/año	1,00%		9.561	10.043	10.549	11.081	11.640	12.227	12.844	13.491	14.172	14.887	15.638	16.427	17.256	18.126	19.041	20.002	21.012	22.072	23.187	24.357
GASTOS DE EJECUCIÓN DE OBRAS A TERCEROS	€/año	70,00%		4.284	4.370	4.457	4.546	4.637	4.730	4.824	4.921	5.019	5.120	5.222	5.327	5.433	5.542	5.653	5.766	5.881	5.999	6.119	6.241
GASTOS GENERALES Y B. INDUSTRIAL	€/año	15,00%		143.418	150.647	158.241	166.218	174.599	183.404	192.653	202.369	212.577	223.301	234.566	246.401	258.834	271.895	285.617	300.032	315.176	331.085	347.799	365.357
CANON INICIAL	€	58.862		58.862	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CANON VARIABLE	€/m3	0,0200		19.122	20.086	21.099	22.162	23.280	24.454	25.687	26.983	28.344	29.773	31.275	32.853	34.511	36.253	38.082	40.004	42.023	44.145	46.373	48.714
TOTAL GASTOS	€/año		**1.033.053**	**1.222.767**	**1.124.657**	**1.135.829**	**1.163.922**	**1.200.631**	**1.253.144**	**1.308.089**	**1.365.585**	**1.425.752**	**1.488.720**	**1.554.623**	**1.623.603**	**1.695.808**	**1.771.395**	**1.850.526**	**1.933.374**	**2.020.120**	**2.110.952**	**2.206.070**	**2.305.682**
EXCEDENTE DE EXPLOTACIÓN	€/año			**-266.648**	**-120.346**	**-80.891**	**-55.798**	**-36.635**	**-30.453**	**-23.737**	**-16.455**	**-8.571**	**-49**	**9.151**	**19.069**	**29.750**	**41.240**	**53.585**	**66.838**	**81.051**	**96.281**	**112.587**	**130.032**
TOTAL				**-266.648**	**-386.994**	**-467.886**	**-523.684**	**-560.319**	**-590.772**	**-614.509**	**-630.963**	**-639.535**	**-639.584**	**-630.433**	**-611.364**	**-581.614**	**-540.374**	**-486.789**	**-419.951**	**-338.900**	**-242.619**	**-130.032**	**0**