

ANEXO N°5

PROYECTO INGENIERÍA S.A. ESTIMADO DE TRATAMIENTO DE AGUAS RESIDUALES				Revisión		Ver.
Proyecto: VILLAS DE SANTA MARÍA (INCLUYE EL TRATAMIENTO A BOULEVARD SANTA MARÍA)				#	Fecha	
				5.0	27-feb-21	1

1. REGISTRO DE LOTIFICACIÓN & CONSUMOS

ÁREAS																							
#	Etap	Viviendas					Comercio					Parvulario					TOTAL					ATAMIENTO DE AGUAS RESIDUAL	
		Total	Hab/casa	Habitantes	GPPD	GPD	Total	Área	GPAD	GPD	Sub-Total	Capacidad	GPPD	GPD	GPD	F.M	GPDmax	GPM	MODULO	GPM			
1	Boulevard Santa María	32.00	5.00	160.00	80.00	12,800.00	2.00	1,800.00	1.29	2,323.81	0.00	0.00	8.00	0.00	15,123.81	1.50	22,685.72	15.75	1.00	47.53			
2	Villas de Santa María Etapa 1	73.00	5.00	365.00	80.00	29,200.00	1.00	1,012.00	1.29	1,306.50	0.00	0.00	8.00	0.00	30,506.50	1.50	45,759.75	31.78					
3	Villas de Santa María Etapa 2	136.00	5.00	680.00	80.00	54,400.00	0.00	0.00	1.29	0.00	0.00	0.00	8.00	0.00	54,400.00	1.50	81,600.00	56.67	2.00	86.25			
6	Villas de Santa María Etapa 5	70.00	5.00	350.00	80.00	28,000.00	0.00	0.00	1.29	0.00	1.00	50.00	8.00	400.00	28,400.00	1.50	42,600.00	29.58					
4	Villas de Santa María Etapa 3	80.00	5.00	400.00	80.00	32,000.00	0.00	0.00	1.29	0.00	0.00	0.00	8.00	0.00	32,000.00	1.50	48,000.00	33.33					
5	Villas de Santa María Etapa 4	204.00	5.00	1,020.00	80.00	81,600.00	1.00	901.21	1.29	1,163.46	0.00	0.00	8.00	0.00	82,763.46	1.50	124,145.20	86.21	3.00	119.55			
Totales		595.00		2,975.00	80.00	238,000.00	4.00						8.00		82,763.46		TOTAL	253.33					

Fin del documento

CONSUMO ESTIMADO DE AGUA POTABLE				Revisión		Ver.
				#	Fecha	
				4.0	29-oct-19	1



Proyecto: VILLAS DE SANTA MARÍA & BOULEVARD SANTA MARÍA PENONOMÉ

1. REGISTRO DE LOTIFICACIÓN & CONSUMOS

		ÁREAS																				
		Viviendas				Comercio				Parvulario				TOTAL				ABASTECIMIENTO		TANQUE DE AGUA		
#	Etapa	Total	Hab/casa	Habitantes	GPPD	GPD	Total	Área	GPAD	GPD	Sub-Total	Capacidad	GPPD	GPD	GPD	F.M	GPDmax	GPM	No. POZO	GPM	No. Tanque	Galones
1	Boulevard Santa María	32.00	5.00	160.00	100.00	16,000.00	2.00	1,800.00	1.61	2,904.77	0.00	0.00	10.00	0.00	18,904.77	1.50	28,357.15	19.69	1.00	59.41	1	20,000
2	Villas de Santa María Etapa 1	73.00	5.00	365.00	100.00	36,500.00	1.00	1,012.00	1.61	1,633.13	0.00	0.00	10.00	0.00	38,133.13	1.50	57,199.69	39.72				
3	Villas de Santa María Etapa 2	136.00	5.00	680.00	100.00	68,000.00	0.00	0.00	1.61	0.00	0.00	0.00	10.00	0.00	68,000.00	1.50	102,000.00	70.83	2.00	112.50		
4	Villas de Santa María Etapa 3	80.00	5.00	400.00	100.00	40,000.00	0.00	0.00	1.61	0.00	0.00	0.00	10.00	0.00	40,000.00	1.50	60,000.00	41.67				
5	Villas de Santa María Etapa 4	204.00	5.00	1,020.00	100.00	102,000.00	1.00	901.21	1.61	1,454.33	0.00	0.00	10.00	0.00	103,454.33	1.50	155,181.50	107.76	3.00	144.74	2	20,000
6	Villas de Santa María Etapa 5	70.00	5.00	350.00	100.00	35,000.00	0.00	0.00	1.61	0.00	1.00	50.00	10.00	500.00	35,500.00	1.50	53,250.00	36.98				
Totales		595.00		2,975.00		297,500.00	4.00										TOTAL	316.66				

Fin del documento