

Flujo de Caja sin Prestamo	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Ingresos	-	10.005.750	15.008.625	17.510.063	21.925.926	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	22.940.170	
Egresos	10.005.750	15.008.625	17.510.063	21.925.926	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	24.504.379	22.940.170	
Resultado	-10.005.750	-5.002.875	-2.501.438	-4.415.863	-2.578.453	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.564.208	22.940.170	

VAN	-14.056.264
TIR	0%

Flujo de Caja con Prestamo	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Ingreso Prestamo	12.842.482	17.374.585	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ingreso Municipio	-	13.063.665	18.399.823	14.088.904	19.278.599	14.821.218	19.864.450	15.260.606	20.157.376	15.407.068	20.157.376	15.407.068	20.157.376	15.407.068	20.157.376	15.407.068	20.157.376	15.407.068	20.157.376	15.407.068	20.157.376	15.407.068	20.157.376	15.407.068	20.157.376	15.407.068	20.157.376	15.407.068	20.157.376	15.407.068	20.157.376	20.157.376
Capital	-	-	-	4.245.295	4.245.295	4.245.295	4.245.295	4.245.295	4.245.295	4.245.295	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Comisión	295.368	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Intereses	-	425.816	1.025.239	878.776	732.313	585.851	439.388	292.925	146.463	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Inversión OM	-	12.842.482	17.374.585	13.063.665	18.399.823	14.088.904	19.278.599	14.821.218	19.864.450	15.260.606	20.157.376	15.407.068	20.157.376	15.407.068	20.157.376	15.407.068	20.157.376	15.407.068	20.157.376	15.407.068	20.157.376	15.407.068	20.157.376	15.407.068	20.157.376	15.407.068	20.157.376	15.407.068	20.157.376	15.407.068	20.157.376	
Resultado	12.047.114	4.606.287	-3.336.158	85.624	-9.434.896	212.087	-9.288.528	338.549	-9.142.065	505.012	-4.750.307	-4.750.307	-4.750.307	-4.750.307	-4.750.307	-4.750.307	-4.750.307	-4.750.307	-4.750.307	-4.750.307	-4.750.307	-4.750.307	-4.750.307	-4.750.307	-4.750.307	-4.750.307	-4.750.307	-4.750.307	-4.750.307	-4.750.307	-4.750.307	

VAN	-5.444.306
TIR	16%

Drenaje Pluvial: Proyecto de Inversión y Recuperación de la Inversión
 Del 2005 al 2021
 EPMAPS

	VALOR 2021	SUMATORIA
Costo Base del Proyecto	226.592.177	131.692.347
Costo de Inversión	226.592.177	131.692.347
Sistema de Alivio Jatunhuancu		37.085.000
Sistema de Alivio El Colegio		1.500.000
Sistema de Alivio Almagro		4.193.000
Sistema de Alivio Tumbaco		2.400.000
Sistema de Alivio Centro - Norte, Centro y Sur - PSA		46.514.347
Sistema de Alivio Sur - PSA		40.000.000
Inversión Acumulada		

35%

17																
2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
8.962.719	8.962.719	8.962.719	14.655.719	8.962.719	8.962.719	16.962.719	10.317.813	10.317.813	10.317.813	117.703.284	120.021.097	122.338.909	127.056.722	129.374.534	131.692.347	-
2.317.813	2.317.813	2.317.813	2.317.813	2.317.813	2.317.813	2.317.813	2.317.813	2.317.813	2.317.813	2.317.813	2.317.813	2.317.813	4.717.813	2.317.813	2.317.813	
			1.500.000													
			4.193.000													
													2.400.000			
6.644.907	6.644.907	6.644.907	6.644.907	6.644.907	6.644.907	6.644.907										
						8.000.000	8.000.000	8.000.000	8.000.000	8.000.000						
8.962.719	17.925.438	26.888.158	41.543.877	50.506.596	59.469.315	76.432.034	86.749.847	97.067.659	107.385.472	117.703.284	120.021.097	122.338.909	127.056.722	129.374.534	131.692.347	131.692.347

INVERSIONES PARA DRENAJE PLUVIAL

