

Washoe County  
Spanish Springs Sewer Connection Fee

Basis for Connection Fee

Sparks Sewer Interceptor & Treatment Plant Capacity	\$ 4,790,497	<== Unfunded payments for the City of Sparks 2005 Sewer Capacity Agreement
Finance Charge	1,372,436	
Sewer Disposal Demonstration Projects	65,000	
Oversizing of Eagle Canyon Interceptor	1,750,000	
Total Basis for Connection Fee	7,977,933	
Less: Connection Fee Cash Balance @ 12/31/17	(2,490,741)	
Less: Investment Income	(342,255)	
Adjusted Basis for Connection Fee	5,144,937	
Divide by remaining build-out capacity @ 12/31/17	4,751	<== Total capacity 8,495 ERU's - ERU's @ 12/31/17 (3,744) = 4,751 ERU's remaining

Connection fee \$ 1,083

	Cost of Capital	Finance Charge	WC Payment For Sparks Capacity Less Cash Bal @ End of FY / CY	Connection Fee Cash Bal @ End of FY or CY Actual FY10 - Dec 2017 Projected CY18 - CY27	System Expansion Projects	Investment Income* CY18 - CY27	Investment Income %	Connection Fee Rev Actual thru Dec 2017 Projected thru CY27	Estimated # of Connections**	Comments
Balance outstanding for Sparks Sewer Interceptor & Treatment Plant Capacity ==>			\$ 4,790,497							
FY10	3.07%	\$ 133,563	3,910,675	\$ 879,822				\$ 29,888	8	
FY11	3.87%	150,578	3,871,157	919,340				16,626	4	
FY12	3.89%	144,896	3,578,491	1,212,006				10,781	3	
FY13	3.90%	139,681	3,584,622	1,205,875				-	0	
FY14	3.94%	138,128	3,426,972	1,363,525				143,758	36	
FY15	3.76%	125,026	3,223,371	1,567,126				169,763	42	
FY16	2.39%	74,098	2,977,310	1,813,187				299,076	73	
FY17	2.27%	63,945	2,656,614	2,133,883				363,235	88	
FY18 (1st 6 months)	2.27%	28,127	2,299,756	2,490,741				352,232	84	1/2 year
CY18	2.27%	50,546	2,153,661	2,636,836		\$ 32,380	1.3%	113,715	105	Lower connection fees
CY19	2.27%	47,702	2,049,148	2,741,349	\$ 65,000	39,553	1.5%	129,960	120	Sewer disposal demonstration projects
CY20	2.27%	44,746	1,893,230	2,897,267		41,120	1.5%	114,798	106	
CY21	2.27%	41,037	1,722,357	3,068,140		37,664	1.3%	133,209	123	
CY22	2.27%	37,327	1,566,409	3,224,088		36,818	1.2%	119,130	110	
CY23	2.27%	33,790	1,410,706	3,379,791		32,241	1.0%	123,462	114	
CY24	2.27%	30,164	1,246,948	3,543,549		33,798	1.0%	129,960	120	
CY25	2.27%	26,620	1,098,387	3,692,110		28,348	0.8%	120,213	111	
CY26	2.27%	23,148	941,056	3,849,441		29,537	0.8%	127,794	118	
CY27	2.27%	39,314	2,522,719	2,267,778	1,750,000	30,796	0.8%	137,541	127	Oversizing of Eagle Canyon Interceptor
		\$ 1,372,436				\$ 342,255				

\* Calculation based on cash balance at the end of the prior FY or CY  
\*\* Source of projection (CY18 - CY27) is the Spanish Springs sewer facility plan