

PWD Fee-in-Lieu Cost of Service Template Calculation

**INPUTS**

Inputs	Description
40	- Yrs. of Cashflow Consideration
2020	- Year of Fee-in-Lieu Payment
3.0%	- PV Factor
2020	- PY Year
10,756	- Impervious Area (IA) - SF
\$318,000	- Average Design and Construction Cost (DCC) - \$/Acre
\$13,500	- Average Maintenance Cost - \$/Acre
4.0%	- Maintenance Escalation Factor - %

**CALCULATION**

Year	Design and Construction Cost (DCC)	PV of DCC Cost	Maintenance Cost	PV of Maintenance Cost	Total PV Cost w/ 1.5x Factor	FIL Rate PV Cost
					281,342	\$ 26.16
2020	78,522	78,522		-		
2021	-	-	3,467	3,366		
2022	-	-	3,605	3,399		
2023	-	-	3,750	3,432		
2024	-	-	3,900	3,465		
2025	-	-	4,056	3,498		
2026	-	-	4,218	3,532		
2027	-	-	4,387	3,567		
2028	-	-	4,562	3,601		
2029	-	-	4,745	3,636		
2030	-	-	4,934	3,672		
2031	-	-	5,132	3,707		
2032	-	-	5,337	3,743		
2033	-	-	5,550	3,780		
2034	-	-	5,772	3,816		
2035	-	-	6,003	3,853		
2036	-	-	6,244	3,891		
2037	-	-	6,493	3,929		
2038	-	-	6,753	3,967		
2039	-	-	7,023	4,005		
2040	-	-	7,304	4,044		
2041	-	-	7,596	4,083		
2042	-	-	7,900	4,123		
2043	-	-	8,216	4,163		
2044	-	-	8,545	4,203		
2045	-	-	8,886	4,244		
2046	-	-	9,242	4,285		
2047	-	-	9,612	4,327		
2048	-	-	9,996	4,369		
2049	-	-	10,396	4,411		
2050	-	-	10,812	4,454		
2051	-	-	11,244	4,498		
2052	-	-	11,694	4,541		
2053	-	-	12,162	4,585		
2054	-	-	12,648	4,630		
2055	-	-	13,154	4,675		
2056	-	-	13,680	4,720		
2057	-	-	14,228	4,766		
2058	-	-	14,797	4,812		
2059	-	-	15,389	4,859		
2060	-	-	16,004	4,906		