

PAWSD Capital Improvement Plan - 2011 Overall

	TOTAL PRESENT COST	Current Full Build-Out 2033	Beyond Full Build-Out (2034-2055)	% Rate Fees	% CIF	2011	2012	2013	2014	2015	2016	2017
WASTEWATER CAPITAL IMPROVEMENT												
Master Plan Update	\$ 225,000	\$ 115,000	\$ 110,000	75%	25%	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Hydraulic Modeling	\$ 135,000	\$ 69,000	\$ 66,000	50%	50%	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
Flow Monitoring	\$ 562,500	\$ 287,500	\$ 275,000	100%		\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500
Infiltration/Inflow Evaluation	\$ 112,500	\$ 57,500	\$ 55,000	100%		\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500
CDPS Permit Review and Negotiations	\$ 225,000	\$ 125,000	\$ 100,000	100%		\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000
GIS Implementation	\$ 72,000	\$ 72,000	\$ -	100%		\$ -	\$ 24,000	\$ 16,000	\$ 32,000	\$ -	\$ -	\$ -
Vista System												
6-inch Diameter Gravity Pipe	\$ -	\$ -	\$ -	50%	50%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8-inch Gravity Pipe	\$ 16,375,781	\$ 8,347,043	\$ 8,028,737	75%	25%	\$ 318,306	\$ 364,943	\$ 364,943	\$ 364,943	\$ 364,943	\$ 364,943	\$ 364,943
10-inch Gravity Pipe	\$ 718,559	\$ 362,370	\$ 356,189	100%		\$ 6,181	\$ 16,190	\$ 16,190	\$ 16,190	\$ 16,190	\$ 16,190	\$ 16,190
12-inch Gravity Pipe	\$ 167,569	\$ 85,646	\$ 81,923	75%	25%	\$ 3,724	\$ 3,724	\$ 3,724	\$ 3,724	\$ 3,724	\$ 3,724	\$ 3,724
15-inch Gravity Pipe	\$ 112,847	\$ 57,677	\$ 55,169	100%		\$ 2,508	\$ 2,508	\$ 2,508	\$ 2,508	\$ 2,508	\$ 2,508	\$ 2,508
18-inch Gravity Pipe	\$ -	\$ -	\$ -	50%	50%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
24-inch Gravity Pipe	\$ 27,774	\$ 14,607	\$ 13,167	50%	50%	\$ 1,440	\$ 599	\$ 599	\$ 599	\$ 599	\$ 599	\$ 599
4-inch Force Main	\$ 167,248	\$ 85,870	\$ 81,378	100%		\$ 4,492	\$ 3,699	\$ 3,699	\$ 3,699	\$ 3,699	\$ 3,699	\$ 3,699
6-inch Force Main	\$ 965,622	\$ 493,436	\$ 472,186	100%		\$ 21,250	\$ 21,463	\$ 21,463	\$ 21,463	\$ 21,463	\$ 21,463	\$ 21,463
8-inch Force Main	\$ 132,006	\$ 66,775	\$ 65,231	75%	25%	\$ 1,544	\$ 2,965	\$ 2,965	\$ 2,965	\$ 2,965	\$ 2,965	\$ 2,965
10-inch Force Main	\$ -	\$ -	\$ -	100%		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4-foot Diameter Manholes	\$ 4,769,520	\$ 2,428,720	\$ 2,340,800	100%		\$ 87,920	\$ 106,400	\$ 106,400	\$ 106,400	\$ 106,400	\$ 106,400	\$ 106,400
5-foot Diameter Manholes	\$ -	\$ -	\$ -	100%		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Lift Station Improvements Summary	\$ 6,850,000	\$ 3,250,000	\$ 3,600,000			\$ -	\$ 100,000	\$ -	\$ 225,000	\$ 200,000	\$ 125,000	\$ 25,000
Infiltration and Inflow Repair	\$ 384,611	\$ 196,579	\$ 188,032	100%		\$ 8,547	\$ 8,547	\$ 8,547	\$ 8,547	\$ 8,547	\$ 8,547	\$ 8,547
Highlands System												
6-inch Diameter Gravity Pipe	\$ -	\$ -	\$ -	100%		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8-inch Gravity Pipe	\$ 1,815,055	\$ 790,999	\$ 1,024,056	75%	25%	\$ -	\$ -	\$ -	\$ -	\$ 246,807	\$ -	\$ -
10-inch Gravity Pipe	\$ 196,920	\$ 186,600	\$ 10,320	100%		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12-inch Gravity Pipe	\$ 54,180	\$ 54,180	\$ -	100%		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4-inch Force Main	\$ -	\$ -	\$ -	100%		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6-inch Force Main	\$ 110,000	\$ 55,000	\$ 55,000	100%		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4-foot Diameter Manholes	\$ 670,000	\$ 323,200	\$ 346,800	100%		\$ -	\$ -	\$ -	\$ -	\$ 87,600	\$ -	\$ -
5-foot Diameter Manholes	\$ -	\$ -	\$ -	100%		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Lift Station No. 10	\$ 450,000	\$ 150,000	\$ 300,000	100%		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Infiltration and Inflow Repair	\$ 83,489	\$ 42,672	\$ 40,817	100%		\$ 1,855	\$ 1,855	\$ 1,855	\$ 1,855	\$ 1,855	\$ 1,855	\$ 1,855
Highlands Vista Connector												
18-inch Gravity Pipe	\$ 780,797	\$ -	\$ 780,797	0%	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8-inch Force Main	\$ 286,707	\$ -	\$ 286,707	0%	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5-foot Diameter Manholes	\$ 99,200	\$ -	\$ 99,200	0%	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Vista WWTP												
Engineering	\$ 200,000	\$ 100,000	\$ 100,000	50%	50%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Upgrade Allowance	\$ 2,500,000	\$ 1,000,000	\$ 1,500,000	25%	75%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Replacement Allowance	\$ 3,375,000	\$ 1,725,000	\$ 1,650,000	100%		\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000
SCADA System Improvements/Replacement	\$ 63,000	\$ 35,000	\$ 28,000	100%		\$ 7,000	\$ -	\$ -	\$ -	\$ -	\$ 7,000	\$ -
Biosolids Reuse/Disposal	\$ -	\$ -	\$ -	25%	75%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment / Vehicle Replacement (32%)	\$ 1,584,000	\$ 809,600	\$ 774,400	100%		\$ 35,200	\$ 35,200	\$ 35,200	\$ 35,200	\$ 35,200	\$ 35,200	\$ 35,200
	\$ 44,271,883	\$ 21,386,974	\$ 22,884,909			\$ 597,967	\$ 815,092	\$ 682,092	\$ 923,092	\$ 1,200,499	\$ 798,092	\$ 716,092
	\$ 44,271,883											

PAWSD Capital Improvement Plan - 2011 Overall

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
WASTEWATER CAPITAL IMPROVEMENT											
Master Plan Update	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Hydraulic Modeling	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
Flow Monitoring	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500
Infiltration/Inflow Evaluation	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500
CDPS Permit Review and Negotiations					\$ 25,000					\$ 25,000	
GIS Implementation											
Vista System											
6-inch Diameter Gravity Pipe	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8-inch Gravity Pipe	\$ 364,943	\$ 364,943	\$ 364,943	\$ 364,943	\$ 364,943	\$ 364,943	\$ 364,943	\$ 364,943	\$ 364,943	\$ 364,943	\$ 364,943
10-inch Gravity Pipe	\$ 16,190	\$ 16,190	\$ 16,190	\$ 16,190	\$ 16,190	\$ 16,190	\$ 16,190	\$ 16,190	\$ 16,190	\$ 16,190	\$ 16,190
12-inch Gravity Pipe	\$ 3,724	\$ 3,724	\$ 3,724	\$ 3,724	\$ 3,724	\$ 3,724	\$ 3,724	\$ 3,724	\$ 3,724	\$ 3,724	\$ 3,724
15-inch Gravity Pipe	\$ 2,508	\$ 2,508	\$ 2,508	\$ 2,508	\$ 2,508	\$ 2,508	\$ 2,508	\$ 2,508	\$ 2,508	\$ 2,508	\$ 2,508
18-inch Gravity Pipe	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
24-inch Gravity Pipe	\$ 599	\$ 599	\$ 599	\$ 599	\$ 599	\$ 599	\$ 599	\$ 599	\$ 599	\$ 599	\$ 599
4-inch Force Main	\$ 3,699	\$ 3,699	\$ 3,699	\$ 3,699	\$ 3,699	\$ 3,699	\$ 3,699	\$ 3,699	\$ 3,699	\$ 3,699	\$ 3,699
6-inch Force Main	\$ 21,463	\$ 21,463	\$ 21,463	\$ 21,463	\$ 21,463	\$ 21,463	\$ 21,463	\$ 21,463	\$ 21,463	\$ 21,463	\$ 21,463
8-inch Force Main	\$ 2,965	\$ 2,965	\$ 2,965	\$ 2,965	\$ 2,965	\$ 2,965	\$ 2,965	\$ 2,965	\$ 2,965	\$ 2,965	\$ 2,965
10-inch Force Main	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4-foot Diameter Manholes	\$ 106,400	\$ 106,400	\$ 106,400	\$ 106,400	\$ 106,400	\$ 106,400	\$ 106,400	\$ 106,400	\$ 106,400	\$ 106,400	\$ 106,400
5-foot Diameter Manholes	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Lift Station Improvements Summary	\$ -	\$ 400,000	\$ -	\$ 300,000	\$ -	\$ 100,000	\$ 575,000	\$ -	\$ 25,000	\$ 25,000	\$ 200,000
Infiltration and Inflow Repair	\$ 8,547	\$ 8,547	\$ 8,547	\$ 8,547	\$ 8,547	\$ 8,547	\$ 8,547	\$ 8,547	\$ 8,547	\$ 8,547	\$ 8,547
Highlands System											
6-inch Diameter Gravity Pipe	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8-inch Gravity Pipe	\$ -	\$ -	\$ 141,818	\$ -	\$ -	\$ -	\$ -	\$ 246,807	\$ -	\$ -	\$ -
10-inch Gravity Pipe	\$ -	\$ -	\$ 5,160	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12-inch Gravity Pipe	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4-inch Force Main	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6-inch Force Main	\$ -	\$ -	\$ 55,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4-foot Diameter Manholes	\$ -	\$ -	\$ 42,000	\$ -	\$ -	\$ -	\$ -	\$ 87,600	\$ -	\$ -	\$ -
5-foot Diameter Manholes	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Lift Station No. 10	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Infiltration and Inflow Repair	\$ 1,855	\$ 1,855	\$ 1,855	\$ 1,855	\$ 1,855	\$ 1,855	\$ 1,855	\$ 1,855	\$ 1,855	\$ 1,855	\$ 1,855
Highlands Vista Connector											
18-inch Gravity Pipe	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8-inch Force Main	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5-foot Diameter Manholes	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Vista WWTP											
Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ -
Equipment Upgrade Allowance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ -	\$ -
Equipment Replacement Allowance	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000
SCADA System Improvements/Replacement	\$ -	\$ -	\$ -	\$ 7,000	\$ -	\$ -	\$ -	\$ -	\$ 7,000	\$ -	\$ -
Biosolids Reuse/Disposal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment / Vehicle Replacement (32%)	\$ 35,200	\$ 35,200	\$ 35,200	\$ 35,200	\$ 35,200	\$ 35,200	\$ 35,200	\$ 35,200	\$ 35,200	\$ 35,200	\$ 35,200
	\$ 666,092	\$ 1,066,092	\$ 1,060,070	\$ 973,092	\$ 691,092	\$ 766,092	\$ 1,241,092	\$ 2,100,499	\$ 698,092	\$ 716,092	\$ 866,092

PAWSD Capital Improvement Plan - 2011 Overall

	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
WASTEWATER CAPITAL IMPROVEMENT											
Master Plan Update	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Hydraulic Modeling	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
Flow Monitoring	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500
Infiltration/Inflow Evaluation	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500
CDPS Permit Review and Negotiations				\$ 25,000					\$ 25,000		
GIS Implementation											
Vista System											
6-inch Diameter Gravity Pipe	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8-inch Gravity Pipe	\$ 364,943	\$ 364,943	\$ 364,943	\$ 364,943	\$ 364,943	\$ 364,943	\$ 364,943	\$ 364,943	\$ 364,943	\$ 364,943	\$ 364,943
10-inch Gravity Pipe	\$ 16,190	\$ 16,190	\$ 16,190	\$ 16,190	\$ 16,190	\$ 16,190	\$ 16,190	\$ 16,190	\$ 16,190	\$ 16,190	\$ 16,190
12-inch Gravity Pipe	\$ 3,724	\$ 3,724	\$ 3,724	\$ 3,724	\$ 3,724	\$ 3,724	\$ 3,724	\$ 3,724	\$ 3,724	\$ 3,724	\$ 3,724
15-inch Gravity Pipe	\$ 2,508	\$ 2,508	\$ 2,508	\$ 2,508	\$ 2,508	\$ 2,508	\$ 2,508	\$ 2,508	\$ 2,508	\$ 2,508	\$ 2,508
18-inch Gravity Pipe	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
24-inch Gravity Pipe	\$ 599	\$ 599	\$ 599	\$ 599	\$ 599	\$ 599	\$ 599	\$ 599	\$ 599	\$ 599	\$ 599
4-inch Force Main	\$ 3,699	\$ 3,699	\$ 3,699	\$ 3,699	\$ 3,699	\$ 3,699	\$ 3,699	\$ 3,699	\$ 3,699	\$ 3,699	\$ 3,699
6-inch Force Main	\$ 21,463	\$ 21,463	\$ 21,463	\$ 21,463	\$ 21,463	\$ 21,463	\$ 21,463	\$ 21,463	\$ 21,463	\$ 21,463	\$ 21,463
8-inch Force Main	\$ 2,965	\$ 2,965	\$ 2,965	\$ 2,965	\$ 2,965	\$ 2,965	\$ 2,965	\$ 2,965	\$ 2,965	\$ 2,965	\$ 2,965
10-inch Force Main	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4-foot Diameter Manholes	\$ 106,400	\$ 106,400	\$ 106,400	\$ 106,400	\$ 106,400	\$ 106,400	\$ 106,400	\$ 106,400	\$ 106,400	\$ 106,400	\$ 106,400
5-foot Diameter Manholes	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Lift Station Improvements Summary	\$ 400,000	\$ 100,000	\$ 350,000	\$ 100,000	\$ -	\$ 225,000	\$ 200,000	\$ 125,000	\$ 25,000	\$ -	\$ 400,000
Infiltration and Inflow Repair	\$ 8,547	\$ 8,547	\$ 8,547	\$ 8,547	\$ 8,547	\$ 8,547	\$ 8,547	\$ 8,547	\$ 8,547	\$ 8,547	\$ 8,547
Highlands System											
6-inch Diameter Gravity Pipe	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8-inch Gravity Pipe	\$ -	\$ 155,568	\$ -	\$ -	\$ -	\$ -	\$ 246,807	\$ -	\$ -	\$ -	\$ -
10-inch Gravity Pipe	\$ -	\$ 181,440	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12-inch Gravity Pipe	\$ -	\$ 54,180	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4-inch Force Main	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6-inch Force Main	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4-foot Diameter Manholes	\$ -	\$ 106,000	\$ -	\$ -	\$ -	\$ -	\$ 87,600	\$ -	\$ -	\$ -	\$ -
5-foot Diameter Manholes	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Lift Station No. 10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Infiltration and Inflow Repair	\$ 1,855	\$ 1,855	\$ 1,855	\$ 1,855	\$ 1,855	\$ 1,855	\$ 1,855	\$ 1,855	\$ 1,855	\$ 1,855	\$ 1,855
Highlands Vista Connector											
18-inch Gravity Pipe	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8-inch Force Main	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5-foot Diameter Manholes	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Vista WWTP											
Engineering											
Equipment Upgrade Allowance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ -
Equipment Replacement Allowance	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000
SCADA System Improvements/Replacement	\$ -	\$ -	\$ 7,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,000	\$ -	\$ -
Biosolids Reuse/Disposal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment / Vehicle Replacement (32%)	\$ 35,200	\$ 35,200	\$ 35,200	\$ 35,200	\$ 35,200	\$ 35,200	\$ 35,200	\$ 35,200	\$ 35,200	\$ 35,200	\$ 35,200
	\$ 1,066,092	\$ 1,263,280	\$ 1,023,092	\$ 791,092	\$ 666,092	\$ 891,092	\$ 1,700,499	\$ 791,092	\$ 723,092	\$ 666,092	\$ 1,066,092

PAWSD Capital Improvement Plan - 2011 Overall

	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
WASTEWATER CAPITAL IMPROVEMENT											
Master Plan Update	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Hydraulic Modeling	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
Flow Monitoring	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500
Infiltration/Inflow Evaluation	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500
CDPS Permit Review and Negotiations			\$ 25,000					\$ 25,000			
GIS Implementation											
Vista System											
6-inch Diameter Gravity Pipe	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8-inch Gravity Pipe	\$ 364,943	\$ 364,943	\$ 364,943	\$ 364,943	\$ 364,943	\$ 364,943	\$ 364,943	\$ 364,943	\$ 364,943	\$ 364,943	\$ 364,943
10-inch Gravity Pipe	\$ 16,190	\$ 16,190	\$ 16,190	\$ 16,190	\$ 16,190	\$ 16,190	\$ 16,190	\$ 16,190	\$ 16,190	\$ 16,190	\$ 16,190
12-inch Gravity Pipe	\$ 3,724	\$ 3,724	\$ 3,724	\$ 3,724	\$ 3,724	\$ 3,724	\$ 3,724	\$ 3,724	\$ 3,724	\$ 3,724	\$ 3,724
15-inch Gravity Pipe	\$ 2,508	\$ 2,508	\$ 2,508	\$ 2,508	\$ 2,508	\$ 2,508	\$ 2,508	\$ 2,508	\$ 2,508	\$ 2,508	\$ 2,508
18-inch Gravity Pipe	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
24-inch Gravity Pipe	\$ 599	\$ 599	\$ 599	\$ 599	\$ 599	\$ 599	\$ 599	\$ 599	\$ 599	\$ 599	\$ 599
4-inch Force Main	\$ 3,699	\$ 3,699	\$ 3,699	\$ 3,699	\$ 3,699	\$ 3,699	\$ 3,699	\$ 3,699	\$ 3,699	\$ 3,699	\$ 3,699
6-inch Force Main	\$ 21,463	\$ 21,463	\$ 21,463	\$ 21,463	\$ 21,463	\$ 21,463	\$ 21,463	\$ 21,463	\$ 21,463	\$ 21,463	\$ 21,463
8-inch Force Main	\$ 2,965	\$ 2,965	\$ 2,965	\$ 2,965	\$ 2,965	\$ 2,965	\$ 2,965	\$ 2,965	\$ 2,965	\$ 2,965	\$ 2,965
10-inch Force Main	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4-foot Diameter Manholes	\$ 106,400	\$ 106,400	\$ 106,400	\$ 106,400	\$ 106,400	\$ 106,400	\$ 106,400	\$ 106,400	\$ 106,400	\$ 106,400	\$ 106,400
5-foot Diameter Manholes	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Lift Station Improvements Summary	\$ -	\$ 300,000	\$ -	\$ 100,000	\$ 575,000	\$ -	\$ 25,000	\$ 25,000	\$ 200,000	\$ 400,000	\$ 125,000
Infiltration and Inflow Repair	\$ 8,547	\$ 8,547	\$ 8,547	\$ 8,547	\$ 8,547	\$ 8,547	\$ 8,547	\$ 8,547	\$ 8,547	\$ 8,547	\$ 8,547
Highlands System											
6-inch Diameter Gravity Pipe	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8-inch Gravity Pipe	\$ 141,818	\$ -	\$ -	\$ -	\$ -	\$ 246,807	\$ -	\$ -	\$ -	\$ -	\$ 141,818
10-inch Gravity Pipe	\$ 5,160	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,160
12-inch Gravity Pipe	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4-inch Force Main	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6-inch Force Main	\$ 55,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4-foot Diameter Manholes	\$ 42,000	\$ -	\$ -	\$ -	\$ -	\$ 87,600	\$ -	\$ -	\$ -	\$ -	\$ 42,000
5-foot Diameter Manholes	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Lift Station No. 10	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Infiltration and Inflow Repair	\$ 1,855	\$ 1,855	\$ 1,855	\$ 1,855	\$ 1,855	\$ 1,855	\$ 1,855	\$ 1,855	\$ 1,855	\$ 1,855	\$ 1,855
Highlands Vista Connector											
18-inch Gravity Pipe	\$ 48,800	\$ 48,800	\$ 48,800	\$ 48,800	\$ 48,800	\$ 48,800	\$ 48,800	\$ 48,800	\$ 48,800	\$ 48,800	\$ 48,800
8-inch Force Main	\$ 17,919	\$ 17,919	\$ 17,919	\$ 17,919	\$ 17,919	\$ 17,919	\$ 17,919	\$ 17,919	\$ 17,919	\$ 17,919	\$ 17,919
5-foot Diameter Manholes	\$ 6,200	\$ 6,200	\$ 6,200	\$ 6,200	\$ 6,200	\$ 6,200	\$ 6,200	\$ 6,200	\$ 6,200	\$ 6,200	\$ 6,200
Vista WWTP											
Engineering						\$ 50,000					
Equipment Upgrade Allowance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Replacement Allowance	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000
SCADA System Improvements/Replacement	\$ -	\$ -	\$ 7,000	\$ -	\$ -	\$ -	\$ -	\$ 7,000	\$ -	\$ -	\$ -
Biosolids Reuse/Disposal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment / Vehicle Replacement (32%)	\$ 35,200	\$ 35,200	\$ 35,200	\$ 35,200	\$ 35,200	\$ 35,200	\$ 35,200	\$ 35,200	\$ 35,200	\$ 35,200	\$ 35,200
	\$ 1,132,989	\$ 1,039,011	\$ 771,011	\$ 839,011	\$ 1,314,011	\$ 1,623,418	\$ 764,011	\$ 796,011	\$ 939,011	\$ 1,139,011	\$ 1,052,989

PAWSD Capital Improvement Plan - 2011 Overall

	2051	2052	2053	2054	2055
WASTEWATER CAPITAL IMPROVEMENT					
Master Plan Update	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Hydraulic Modeling	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
Flow Monitoring	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500
Infiltration/Inflow Evaluation	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500
CDPS Permit Review and Negotiations		\$ 25,000			
GIS Implementation					
Vista System					
6-inch Diameter Gravity Pipe	\$ -	\$ -	\$ -	\$ -	\$ -
8-inch Gravity Pipe	\$ 364,943	\$ 364,943	\$ 364,943	\$ 364,943	\$ 364,943
10-inch Gravity Pipe	\$ 16,190	\$ 16,190	\$ 16,190	\$ 16,190	\$ 16,190
12-inch Gravity Pipe	\$ 3,724	\$ 3,724	\$ 3,724	\$ 3,724	\$ 3,724
15-inch Gravity Pipe	\$ 2,508	\$ 2,508	\$ 2,508	\$ 2,508	\$ 2,508
18-inch Gravity Pipe	\$ -	\$ -	\$ -	\$ -	\$ -
24-inch Gravity Pipe	\$ 599	\$ 599	\$ 599	\$ 599	\$ 599
4-inch Force Main	\$ 3,699	\$ 3,699	\$ 3,699	\$ 3,699	\$ 3,699
6-inch Force Main	\$ 21,463	\$ 21,463	\$ 21,463	\$ 21,463	\$ 21,463
8-inch Force Main	\$ 2,965	\$ 2,965	\$ 2,965	\$ 2,965	\$ 2,965
10-inch Force Main	\$ -	\$ -	\$ -	\$ -	\$ -
4-foot Diameter Manholes	\$ 106,400	\$ 106,400	\$ 106,400	\$ 106,400	\$ 106,400
5-foot Diameter Manholes	\$ -	\$ -	\$ -	\$ -	\$ -
Lift Station Improvements Summary	\$ 350,000	\$ 100,000	\$ -	\$ 225,000	\$ 200,000
Infiltration and Inflow Repair	\$ 8,547	\$ 8,547	\$ 8,547	\$ 8,547	\$ 8,547
Highlands System					
6-inch Diameter Gravity Pipe	\$ -	\$ -	\$ -	\$ -	\$ -
8-inch Gravity Pipe	\$ -	\$ -	\$ -	\$ -	\$ 246,807
10-inch Gravity Pipe	\$ -	\$ -	\$ -	\$ -	\$ -
12-inch Gravity Pipe	\$ -	\$ -	\$ -	\$ -	\$ -
4-inch Force Main	\$ -	\$ -	\$ -	\$ -	\$ -
6-inch Force Main	\$ -	\$ -	\$ -	\$ -	\$ -
4-foot Diameter Manholes	\$ -	\$ -	\$ -	\$ -	\$ 87,600
5-foot Diameter Manholes	\$ -	\$ -	\$ -	\$ -	\$ -
Lift Station No. 10	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Infiltration and Inflow Repair	\$ 1,855	\$ 1,855	\$ 1,855	\$ 1,855	\$ 1,855
Highlands Vista Connector					
18-inch Gravity Pipe	\$ 48,800	\$ 48,800	\$ 48,800	\$ 48,800	\$ 48,800
8-inch Force Main	\$ 17,919	\$ 17,919	\$ 17,919	\$ 17,919	\$ 17,919
5-foot Diameter Manholes	\$ 6,200	\$ 6,200	\$ 6,200	\$ 6,200	\$ 6,200
Vista WWTP					
Engineering					\$ 50,000
Equipment Upgrade Allowance	\$ -	\$ -	\$ -	\$ -	\$ 500,000
Equipment Replacement Allowance	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000
SCADA System Improvements/Replacement	\$ -	\$ 7,000	\$ -	\$ -	\$ -
Biosolids Reuse/Disposal	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment / Vehicle Replacement (32%)	\$ 35,200	\$ 35,200	\$ 35,200	\$ 35,200	\$ 35,200
	\$ 1,089,011	\$ 871,011	\$ 739,011	\$ 964,011	\$ 1,973,418