

**Los Olivos Wastewater Collection Option B - Effluent Sewer Zones 1-6**

Item	Description	Unit	Quantity	Unit Price	Total Cost	Responsible Lead	Notes
<b>Overhead and Construction Support</b>							
1	Mobilization, Demobilization, Road Permits, Bonds, & Insurance	LS	1	\$ 2,000,000	\$ 2,000,000	Unknown	Stantec Report
2	Construction Survey	LS	1	\$ 250,000	\$ 250,000	Unknown	Stantec Report
3	Pothole Existing Utilities	LS	1	\$ 250,000	\$ 250,000	Unknown	Stantec Report
4	Traffic Control	LS	1	\$ 330,000	\$ 330,000	Unknown	Should be unnecessary for Effluent zones with boring
<b>Overhead and Construction Support Services Subtotal:</b>					<b>\$ 2,830,000</b>		
<b>Effluent Sewer Collection System Construction</b>							
<b>Zone 1</b>							
5	2-inch PVC Sewer Main (<4 ft cover)	LF	5113	\$ 51	\$ 260,763	Unknown	Direct boring estimate
6	3-inch PVC Sewer Main (<4 ft cover)	LF	2989	\$ 54	\$ 161,406	Unknown	Direct boring estimate
7	4-inch PVC Sewer Main (<4 ft cover)	LF	0	\$ 63	\$ -	Unknown	Direct boring estimate
8	Primary Treatment Tanks	Each	149	\$ 20,000	\$ 2,980,000	Unknown	Primary tank, service connection, landscape repair
<b>Zone 1 Construction Subtotal:</b>					<b>\$ 3,402,169</b>		
<b>Zone 2</b>							
9	2-inch PVC Sewer Main (<4 ft cover)	LF	2023	\$ 51	\$ 103,173	Unknown	Direct boring estimate
10	3-inch PVC Sewer Main (<4 ft cover)	LF	700	\$ 54	\$ 37,800	Unknown	Direct boring estimate
11	4-inch PVC Sewer Main (<4 ft cover)	LF	0	\$ 63	\$ -	Unknown	Direct boring estimate
12	Primary Treatment Tanks	Each	58	\$ 15,000	\$ 870,000	Unknown	Primary tank, service connection, landscape repair
<b>Zone 2 Construction Subtotal:</b>					<b>\$ 1,010,973</b>		
<b>Zone 3</b>							
13	2-inch PVC Sewer Main (<4 ft cover)	LF	1705	\$ 51	\$ 86,955	Unknown	Direct boring estimate
14	3-inch PVC Sewer Main (<4 ft cover)	LF	1290	\$ 54	\$ 69,660	Unknown	Direct boring estimate
15	4-inch PVC Sewer Main (<4 ft cover)	LF	0	\$ 63	\$ -	Unknown	Direct boring estimate
16	Primary Treatment Tanks	Each	46	\$ 15,000	\$ 690,000	Unknown	Primary tank, service connection, landscape repair
<b>Zone 3 Construction Subtotal:</b>					<b>\$ 846,615</b>		
<b>Zone 4</b>							
17	2-inch PVC Sewer Main (<4 ft cover)	LF	4133	\$ 51	\$ 210,783	Unknown	Direct boring estimate (Ventura Drilling)
18	3-inch PVC Sewer Main (<4 ft cover)	LF	0	\$ 54	\$ -	Unknown	Direct boring estimate (Ventura Drilling)
19	4-inch PVC Sewer Main (<4 ft cover)	LF	900	\$ 63	\$ 56,700	Unknown	Direct boring estimate (Ventura Drilling)
20	Primary Treatment Tanks	Each	43	\$ 15,000	\$ 645,000	Unknown	Primary tank, service connection, repair (Biosolutions)
<b>Zone 4 Construction Subtotal:</b>					<b>\$ 912,483</b>		
<b>Zone 5</b>							
21	2-inch PVC Sewer Main (<4 ft cover)	LF	1200	\$ 51	\$ 61,200	Unknown	Direct boring estimate (Ventura Drilling)
22	3-inch PVC Sewer Main (<4 ft cover)	LF	1321	\$ 54	\$ 71,334	Unknown	Direct boring estimate (Ventura Drilling)
23	4-inch PVC Sewer Main (<4 ft cover)	LF	0	\$ 63	\$ -	Unknown	Direct boring estimate (Ventura Drilling)
24	Primary Treatment Tanks	Each	26	\$ 15,000	\$ 390,000	Unknown	Primary tank, service connection, repair (Biosolutions)
<b>Zone 5 Construction Subtotal:</b>					<b>\$ 522,534</b>		
<b>Zone 6</b>							
25	2-inch PVC Sewer Main (<4 ft cover)	LF	4494	\$ 51	\$ 229,194	Unknown	Direct boring estimate (Ventura Drilling)
26	3-inch PVC Sewer Main (<4 ft cover)	LF	2214	\$ 54	\$ 119,556	Unknown	Direct boring estimate (Ventura Drilling)
27	4-inch PVC Sewer Main (<4 ft cover)	LF	2000	\$ 63	\$ 126,000	Unknown	Direct boring estimate (Ventura Drilling)
28	Primary Treatment Tanks	Each	74	\$ 15,000	\$ 1,110,000	Unknown	Primary tank, service connection, repair (Biosolutions)
<b>Zone 6 Construction Subtotal:</b>					<b>\$ 1,584,750</b>		
<b>Effluent Collection Subtotal:</b>					<b>\$ 8,279,524</b>		
<b>Collection Construction Subtotal:</b>					<b>\$ 11,109,524</b>		
29	Construction Contingency (30%)				\$ 3,332,857		
<b>Collection Construction &amp; Contingency Total:</b>					<b>\$ 14,442,381</b>		
<b>Engineering &amp; Construction Management</b>							
30	Final Design Engineering & Support	LS	1	\$ 2,166,357	\$ 2,166,357	Unknown	Assume 15% of construction
31	Construction Management and Inspections	LS	1	\$ 2,166,357	\$ 2,166,357	Unknown	Assume 15% of construction
<b>Engineering &amp; Construction Management Subtotal:</b>					<b>\$ 4,332,714</b>		
<b>Option #2 Collection System Total:</b>					<b>\$ 18,775,096</b>		
<b>Costs to be Provided by District</b>							
32	Legal and Administration	LS	1	\$ 250,000	\$ 250,000	District	Assume
33	Property Acquisition for Lift Station	AC	0	\$ -	\$ -	District	Assume \$1M/Acre, Not needed with option #2
34	Property Acquisition for Easements	AC	2.11	\$ 1,000,000	\$ 2,110,000	District	Assume \$1M/Acre, placeholder to match Stantec Estimate
<b>District Costs Subtotal:</b>					<b>\$ 2,360,000</b>		
<b>Option B Collection System Total Costs:</b>					<b>\$ 21,135,096</b>		