

Wastewater Infrastructure Construction Waiver and Wastewater lot/acreage fee exemption

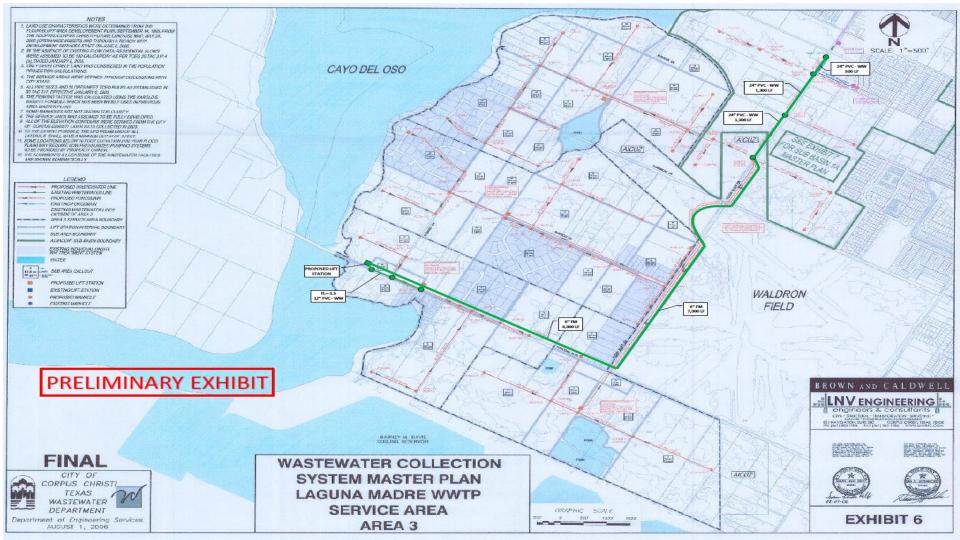
Oso George Village Unit 2



Aerial Overview







Engineer's Preliminary Opinion of Probable Construction Costs



Texas Geo Tech Engineering & Land Surveying, Inc.

Title: Wastewater and Lift Station Improvements Date of Estimate: September 12, 2017

Owner: George Mostagahsi Engineer: Juan Perales, P.E.

Contact:

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ESTIMATE SUMMARY

A. Preliminary Wastewater and Lift Station Improvements							
ITEM NO.	DESCRIPTION	QUANTITY	UNIT		CONTRACT UNIT PRICE		TOTAL COST
WASTEW	VATER						
1	CLEARING & GRUBBING	1	LS		\$ 2,500.00	\$	2,500.00
2	SEEDING & MULCHING	1	LS		\$ 2,250.00	\$	2,250.00
3	EROSION CONTROL	1	LS		\$ 3,500.00	\$	3,500.00
4	TRAFFIC CONTROL PLAN / PERMITTING	1	LS		\$ 12,000.00	\$	12,000.00
5	TRENCH SAFETY FOR EXCAVATIONS	17,500	LF		\$ 2.00	\$	35,000.00
6	8" PVC - WASTEWATER	1,150	LF		\$ 40.00	\$	46,000.00
7	12" PVC - WASTEWATER	1,300	LF		\$ 50.00	\$	65,000.00
8	24" PVC - WASTEWATER	3,100	LF		\$ 140.00	\$	434,000.00
9	6" PVC - FORCE MAIN	13,000	LF		\$ 35.00	\$	455,000.00
10	DUCTILE IRON FTTINGS	1	LS		\$ 5,000.00	\$	5,000.00
11	AIR RELEASE VALVE W/BOLLARDS	12	EA		\$ 3,580.00	\$	42,960.00
12	CONNECT TO MANHOLE	5	EA		\$ 1,000.00	\$	5,000.00
13	FIBERGLASS MANHOLE	3	EA		\$ 3,200.00	\$	9,600.00
14	PAVEMENT REPLACEMENT	500	SY		\$ 60.00	\$	30,000.00
15	GRADING	1	LS		\$ 2,500.00	\$	2,500.00
16	LIFT STATION - PEAK FLOW 1.5 MGD	1	LS		\$ 850,000.00	\$	850,000.00
17	ENVIRONMENTAL EVAL. & MITIGATION	1	LS		\$ 50,000.00	\$	50,000.00
Subtotal						\$	2,050,310.00
18	CONSTRUCTION OVERHEAD	10%				\$	205,031.00
19	ENGINEERING AND CONTINGENCIES	25%				\$	512,577.50
	A. Preliminary Wasteway	ter and Lift Stati	on Impea	namante	Total:	•	2,767,918.50



Staff Recommendation

> Approve wastewater infrastructure waiver and wastewater lot/acreage fee exemption.