



The City of Stanton has agreed to reimburse GGSD an overall amount of \$565,033.04. This amount will be paid to GGSD over a period of 72 months at which minimum payments of \$100,000 annually will be made for the first five years.

FINANCIAL IMPACT

There is no impact to the budget.

COMMUNITY VISION IMPLEMENTATION

This project is consistent with the community vision for maintaining and upgrading the sewer system to ensure maximum protection of public health and the environment.

RECOMMENDATION

It is recommended that the GGSD Board:

- Authorize the execution of the reimbursement agreement with the City of Stanton for the sanitary sewer construction in Coast Street.

  
KEITH G. JONES  
Public Works Director

  
By: David E. Entsminger  
Water Services Manager

**Recommended for Approval**

  
Matthew Fertal  
General Manager

- Attachment 1: Reimbursement Agreement
- Attachment 2: Exhibit A – Project Costs
- Attachment 3: Exhibit B – Map of Coast Sewer Tributary Areas
- Attachment 4: Exhibit C – Unit Flow Factors and Proportionate Flows

## COAST SEWER PROJECT REIMBURSEMENT AGREEMENT

This COAST SEWER PROJECT REIMBURSEMENT AGREEMENT (this "Agreement") is made and entered into to be effective as of the \_\_\_\_\_ day of \_\_\_\_\_, 200\_\_ (the "Effective Date") by and between the Garden Grove Sanitary District, a subsidiary district of the City of Garden Grove ("District"), and the City of Stanton, a municipal corporation ("City"). District and City are sometimes individually referred to as each "Party" and collectively referred to as the "Parties."

### RECITALS

WHEREAS, wastewater from approximately sixty (60) acres in the City located north of Garden Grove Boulevard and west of Fern Street ("City's Tributary Area") is discharged into District sewerage facilities in Fern Street, and at Garden Grove Boulevard/Sycamore Street and is conveyed in District facilities in Fern Street, Garden Grove Boulevard, Coast Street, and Trask Avenue to the Orange County Sanitation District trunk sewer in Trask Avenue west of Coast Street; and

WHEREAS, field flow monitoring showed that capacity had become inadequate in the existing District sewers in Garden Grove Boulevard, Coast Street and Trask Avenue, resulting in the risk of sanitary sewer overflows; and

WHEREAS, District informed the City of its intent to construct new sewers with adequate capacity in Garden Grove Boulevard, Coast Street, and Trask Avenue through meetings with the City staff and written correspondence dated May 3, 2003 from the District to the City.

WHEREAS, in order to provide adequate peak dry and wet weather flow capacity in these shared sewers, the District has constructed new sewerage facilities in Garden Grove Boulevard between Fern Street and Coast Street, in Coast Street between Garden Grove Boulevard and Trask Avenue and in Trask Avenue between Coast Street and the OCSD trunk sewer in Beach Boulevard (the "Coast Sewer Project"); and

WHEREAS, the estimated total final cost of the Coast Sewer Project, including engineering, administration, and construction costs is one million four hundred forty one thousand eight hundred fifty nine Dollars and seventy cents (\$1,441,859.70) (the "Project Cost"), as set forth in Exhibit "A" hereto; and

WHEREAS, City's fair share proportion of the Project Cost is five hundred sixty five thousand thirty three Dollars and 04/100 cents (\$565,033.04), based on the Parties respective estimated ultimate average dry weather flows from the areas tributary to the Coast Sewer Project, which tributary areas are depicted on Exhibit "B" attached hereto, and which flows are prorated as calculated and shown on Exhibit "C" attached hereto; and

WHEREAS, in consideration of the City's continued use of capacity in District's sewerage facilities, the Parties desire to enter into this Agreement to provide for City's reimbursement to District of City's fair share proportionate cost of the Coast Sewer Project.

## AGREEMENT

NOW, THEREFORE, in consideration of the mutual covenants, conditions and promises herein contained, it is hereby agreed by and between the District and the City, as follows:

1. Purpose. The purpose of this Agreement is to provide for City's reimbursement to District for City's fair share proportion of the Coast Sewer Project Cost.
2. Reimbursement. City agrees to reimburse District for its fair share proportion of the Coast Sewer Project Cost in the amount of five hundred sixty five thousand thirty three Dollars and 04/100 cents (\$565,033.04).
3. Timing of Reimbursement. City shall reimburse District for the full amount of the City's fair share proportion of the Project Cost set forth in Section 2, above, within seventy (72) months of the Effective Date. City shall make minimum annual payments to District of no less than One Hundred Thousand Dollars (\$100,000), on or before September 15 of each year, beginning in 2008.
4. City's Default. City and District understand and agree that, if City reimburses District in accordance with Section 3, above, no interest shall accrue on said reimbursement amount. However, in the event the City shall fail to make a required minimum annual payment on or before July 15 of any year, or shall fail to reimburse District for the full amount of the City's fair share proportion of the Project within seventy two (72) months, as required pursuant to Section 3, above, City shall be deemed in default of this Agreement. In the event of such default, City hereby agrees that the full remaining unpaid amount of City's fair share proportion of the Project Cost shall immediately become due and payable to District and that, in addition to any other incidental or consequential damages suffered by District as a result of City's default, District shall be entitled to collect from City (i) interest on the unpaid amount of City's fair share proportion of the Project Cost, accruing at the rate of seven percent (7%) per annum, from the Effective Date of this Agreement until full payment is made, and (ii) all costs and expenses incurred by District in the enforcement of this provision, including reasonable attorneys' fees and costs of litigation, arbitration, or mediation.
4. Alteration of Terms. This Agreement fully expresses all understanding of the City and District with respect to the subject matter of this Agreement, and shall constitute the total Agreement between the parties for these purposes. No addition to, or alteration of, the terms of this Agreement, whether written or verbal, shall be valid unless made in writing and formally approved and executed by the parties.
5. Notices. All notices or other communications required or permitted hereunder shall be in writing, and shall conclusively be deemed to have been given upon the date it is enclosed in a sealed envelope addressed to the Party to whom it is intended, and deposited in the United States Mail with adequate postage, delivered to the office of the intended Party, or sent through other commercially reasonable means, such as overnight delivery by a reputable courier company. The addresses of the respective parties for all notices shall be:

CITY: City of Stanton  
Attn: City Manager  
7800 Katella Avenue  
Stanton, CA 90680

DISTRICT: Garden Grove Sanitary District  
Attn.: General Manager  
P. O. Box 3070  
Garden Grove, CA 92842

Any Party may, by written notice to the others, designate a different address, which shall be substituted for that specified above.

6. Term of Agreement. This Agreement shall be in full force and effect for a period beginning as of the date established above and continue until all obligations of the City to the District are satisfied in full accordance with the terms of this Agreement.

7. Severability. If any term, provision, covenant, or condition set forth in this Agreement is held by the final judgment of a court of competent jurisdiction to be invalid, void, or unenforceable, the remaining provisions, covenants, and conditions shall continue in full force and effect to the extent that the basic intent of the Parties as expressed herein can be accomplished. In addition, in such event the Parties shall cooperate in good faith in an effort to amend or modify this Agreement in a manner such that the purpose of the invalidated or voided provision, covenant, and condition can be accomplished to the maximum extent legally permissible; provided, however, that in no event shall either Party be required to agree to an amendment or modification of this Agreement that materially adversely impacts its rights or materially increases its obligations or risks as set forth herein.

8. Waiver of Default or Breach. Waiver of any default by either party shall not be considered a waiver of any subsequent default. Waiver of any breach by either party of any provision of this Agreement shall not be considered a waiver of any subsequent breach. Waiver of any default or any breach by either party shall not be considered a modification of the terms of this Agreement.

9. No Third-Party Beneficiaries. Nothing in this Agreement is intended to create any third-party beneficiaries to the Agreement, and no person or entity other than District and the City, and the permitted successors and assigns of either of them, shall be authorized to enforce the provisions of this Agreement.

10. Assignment. The District may not assign its interest in this Agreement without the prior written consent of City, which consent will not be unreasonably withheld.

11. Further Assurances. District and the City agree to execute, acknowledge and deliver any and all additional papers, documents and other assurances and shall perform any and all acts and things reasonably necessary in connection with the performance of the obligations hereunder and to carry out the intent of the Parties.

12. Agreement Negotiated. The text of this Agreement is the product of negotiation among the Parties and their counsel and is not to be construed as having been prepared by one party or the other.

13. Governing Law. This Agreement shall be governed by and construed in accordance with the laws of the State of California.

14. Counterparts. This Agreement may be executed in counterparts, each of which shall be deemed an original and all of which shall constitute but one and the same instrument.

15. Recitals. The Recitals above are hereby incorporated into this section as though fully set forth herein and each Party acknowledges and agrees that such Party is bound, for purposes of this Agreement, by the same.

IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed by their duly authorized officers as of the date first set forth above.

“DISTRICT”

GARDEN GROVE SANITARY DISTRICT

ATTEST:

By: \_\_\_\_\_  
Board Chairman

By: \_\_\_\_\_  
Board Secretary

APPROVED AS TO FORM:

By: \_\_\_\_\_  
District Counsel

“CITY”

CITY OF STANTON

By: \_\_\_\_\_  
City Manager

ATTEST:

By: Brenda Green  
City Clerk

APPROVED AS TO FORM:

By: Ralph D. Hansen  
City Attorney

**EXHIBIT "A"**  
**PROJECT COSTS**

**EXHIBIT A  
COAST SEWER PROJECT COST**

Subtotal Area	Description	Qty	Unit Price	Total	% City of Stanton	City of Stanton Contribution	
Subtotal 1 GG Blvd Fern to Sycamore	326 LF 12" VCP	326.00	\$200.00	\$65,200.00	13%	\$8,476.00	
	4 FT DIA. MH / Sancon Coating	1.00	\$5,000.00	\$5,000.00	13%	\$650.00	
	4 HC's	4.00	\$1,300.00	\$5,200.00	13%	\$676.00	
	Join proposed SWR to Exist MH	1.00	\$1,000.00	\$1,000.00	13%	\$130.00	
	Remove & Dispose MH & Base	1.00	\$1,500.00	\$1,500.00	13%	\$195.00	
	Clr & Grub	90000.00	\$0.099	\$8,934.42	13%	\$1,161.47	
	Traffic Control	2000.00	\$0.099	\$198.54	13%	\$25.81	
	Maintain SWR Flows	6000.00	\$0.099	\$595.63	13%	\$77.43	
	Shoring	50000.00	\$0.099	\$4,963.56	13%	\$645.26	
	Health & Safty Plan	1000.00	\$0.099	\$99.27	13%	\$12.91	
	Permits	2500.00	\$0.099	\$248.18	13%	\$32.26	
	Rule 1166	500.00	\$0.099	\$49.64	13%	\$6.45	
	<b>Subtotal</b>				<b>\$92,989.24</b>		<b>\$12,088.60</b>



**EXHIBIT A  
COAST SEWER PROJECT COST**

Subtotal Area	Description	Qty	Unit Price	Total	% City of Stanton	City of Stanton Contribution	
Subtotal 2 GG Blvd Sycamore to Coast	153.7 LF 12" VCP	153.70	\$200.00	\$30,740.00	49%	\$15,062.60	
	4 FT DIA. MH / Sancon Coating	1.00	\$5,000.00	\$5,000.00	49%	\$2,450.00	
	2 HC's	2.00	\$1,300.00	\$2,600.00	49%	\$1,274.00	
	Remove & Dispose MH & Base	1.00	\$1,500.00	\$1,500.00	49%	\$735.00	
	CLR & Grub	90000.00	\$0.047	\$4,212.33	49%	\$2,064.04	
	Traffic Control	2000.00	\$0.047	\$93.61	49%	\$45.87	
	Maintain SWR Flows	6000.00	\$0.047	\$280.82	49%	\$137.60	
	Shoring	50000.00	\$0.047	\$2,340.18	49%	\$1,146.69	
	H & S Plan	1000.00	\$0.047	\$46.80	49%	\$22.93	
	Permits	2500.00	\$0.047	\$117.01	49%	\$57.33	
	Rule 1166	500.00	\$0.047	\$23.40	49%	\$11.47	
	<b>Subtotal</b>				<b>\$46,954.16</b>		<b>\$23,007.54</b>

**EXHIBIT A  
COAST SEWER PROJECT COST**

Subtotal Area	Description	Qty	Unit Price	Total	% City of Stanton	City of Stanton Contribution	
Subtotal 3 Coast GG Blvd to 309.3' S/O GG Blvd	301.5' LF 15" VCP	301.50	\$280.00	\$84,420.00	53%	\$44,742.60	
	4 FT DIA. MH / Sanocon (1 EA)	1.00	\$5,000.00	\$5,000.00	53%	\$2,650.00	
	1 HC	1.00	\$1,300.00	\$1,300.00	53%	\$689.00	
	Reconst. HC (165 LF)	165.00	\$130.00	\$21,450.00	53%	\$11,368.50	
	Clean out ( 3 EA )	3.00	\$1,000.00	\$3,000.00	53%	\$1,590.00	
	Remove & Dispose MH/Base (1 EA)	1.00	\$1,500.00	\$1,500.00	53%	\$795.00	
	Abandon Exist. SWR Main (1 EA)	315.00	\$6.00	\$1,890.00	53%	\$1,001.70	
	R & R 20 LF Water Main (2 EA)	40.00	\$100.00	\$4,000.00	53%	\$2,120.00	
	R & R Cross Gutter	144.00	\$15.00	\$2,160.00	53%	\$1,144.80	
	CLR & Grub	90000.00	\$0.092	\$8,262.97	53%	\$4,379.37	
	Traffic Control	2000.00	\$0.092	\$183.62	53%	\$97.32	
	Maintain SWR Flows	6000.00	\$0.092	\$550.86	53%	\$291.96	
	Shoring	50000.00	\$0.092	\$4,590.54	53%	\$2,432.98	
	H & S Plan	1000.00	\$0.092	\$91.81	53%	\$48.66	
	Permits	2500.00	\$0.092	\$229.53	53%	\$121.65	
	Rule 1166	500.00	\$0.092	\$45.91	53%	\$24.33	
	<b>Subtotal</b>				<b>\$138,675.23</b>		<b>\$73,497.87</b>

**EXHIBIT A  
COAST SEWER PROJECT COST**

Subtotal Area	Description	Qty	Unit Price	Total	% City of Stanton	City of Stanton Contribution	
Subtotal 4 Coast 309.3 S/O GG Blvd to Larson	328.8 LF 15" VCP	328.50	\$280.00	\$91,980.00	50%	\$45,990.00	
	4 FT DIA. MH / Sancon (1 EA)	1.00	\$5,000.00	\$5,000.00	50%	\$2,500.00	
	Reconst. HC (165 LF)	165.00	\$130.00	\$21,450.00	50%	\$10,725.00	
	Cleanout ( 3 EA )	3.00	\$1,000.00	\$3,000.00	50%	\$1,500.00	
	Abandon Exist. SWR Main (340 LF )	340.00	\$6.00	\$2,040.00	50%	\$1,020.00	
	CLR & Grub	90000.00	\$0.100	\$9,011.16	50%	\$4,505.58	
	Traffic Control	2000.00	\$0.100	\$200.25	50%	\$100.12	
	Maintain SWR Flows	6000.00	\$0.100	\$600.74	50%	\$300.37	
	Shoring	50000.00	\$0.100	\$5,006.20	50%	\$2,503.10	
	H & S Plan	1000.00	\$0.100	\$100.12	50%	\$50.06	
	Permits	2500.00	\$0.100	\$250.31	50%	\$125.15	
	Rule 1166	500.00	\$0.100	\$50.06	50%	\$25.03	
	<b>Subtotal</b>				<b>\$138,688.84</b>		<b>\$69,344.42</b>

**EXHIBIT A  
COAST SEWER PROJECT COST**

Separate Item W/OCTA Furnish & Install 18" VCP Across SR 22 ( In casing ) (Lump Sum)	<i>Subtotal</i>		Total	% City of Stanton	City of Stanton Contribution
			\$150,000.00	46%	\$69,000.00

Subtotal Area	Description	Qty	Unit Price	Total	% City of Stanton	City of Stanton Contribution
	185.5 LF 15" VCP	185.50	\$280.00	\$51,940.00	40%	\$20,776.00
	5 FT DIA. MH / Sancon (1 EA)	1.00	\$6,000.00	\$6,000.00	40%	\$2,400.00
	4 FT DIA. MH / Sancon (1 EA)	1.00	\$5,000.00	\$5,000.00	40%	\$2,000.00
	Clean Out (1 EA)	1.00	\$1,000.00	\$1,000.00	40%	\$400.00
	1 HC	1.00	\$1,300.00	\$1,300.00	40%	\$520.00
	Reconst. HC ( 55 LF )	55.00	\$130.00	\$7,150.00	40%	\$2,860.00
	Remove & Dispose MH/Base (1 EA)	1.00	\$1,500.00	\$1,500.00	40%	\$600.00
	Abandon Exist. SWR Main (520 LF)	520.00	\$6.00	\$3,120.00	40%	\$1,248.00
	R & R 20 LF Water Main	20.00	\$100.00	\$2,000.00	40%	\$800.00
	R & R Cross Gutter	136.00	\$15.00	\$2,040.00	40%	\$816.00
	CLR & Grub	90000.00	\$0.056	\$5,083.85	40%	\$2,033.54
	Traffic Control	2000.00	\$0.056	\$112.97	40%	\$45.19
	Maintain SWR Flows	6000.00	\$0.056	\$338.92	40%	\$135.57
	Shoring	50000.00	\$0.056	\$2,824.36	40%	\$1,129.74
	H & S Plan	1000.00	\$0.056	\$56.49	40%	\$22.59
	Permits	2500.00	\$0.056	\$141.22	40%	\$56.49
	Rule 1166	500.00	\$0.056	\$28.24	40%	\$11.30
<i>Subtotal 5 Coast Larson To Central</i>				\$89,636.05		\$35,854.42

**EXHIBIT A  
COAST SEWER PROJECT COST**

Subtotal Area	Description	Qty	Unit Price	Total	% City of Stanton	City of Stanton Contribution	
Subtotal 6 Coast Central To Imperial	59 LF 8" VCP	59.00	\$160.00	\$9,440.00	39%	\$3,681.60	
	272.5 LF 18" VCP	300.00	\$272.50	\$81,750.00	39%	\$31,882.50	
	5 FT DIA. MH / Sancon Coating (3 EA)	6000.00	\$3.00	\$18,000.00	39%	\$7,020.00	
	4 HC's	1300.00	\$4.00	\$5,200.00	39%	\$2,028.00	
	Remove & Dispose MH / Base (2 EA)	1500.00	\$2.00	\$3,000.00	39%	\$1,170.00	
	Abandon Exist. SWR Main (270 LF)	270.00	\$6.00	\$1,620.00	39%	\$631.80	
	R & R 20LF Water Main (1EA)	20.00	\$100.00	\$2,000.00	39%	\$780.00	
	Reconstruct Street (AC Base course)	77.40	\$100.00	\$7,740.00	39%	\$3,018.60	
	Reconstruct Street (AC Surface course)	77.40	\$120.00	\$9,288.00	39%	\$3,622.32	
	Reconstruct Street (Aggregate Base)	282.80	\$42.00	\$11,877.60	39%	\$4,632.26	
	Reconstruct Cross Gutter	74.00	\$15.00	\$1,110.00	39%	\$432.90	
	CLR & Grub	90000.00	\$0.083	\$7,468.19	39%	\$2,912.59	
	Traffic Control	2000.00	\$0.083	\$165.96	39%	\$64.72	
	Maintain SWR Flows	6000.00	\$0.083	\$497.88	39%	\$194.17	
	Shoring	50000.00	\$0.083	\$4,148.99	39%	\$1,618.11	
	H & S Plan	1000.00	\$0.083	\$82.98	39%	\$32.36	
	Permits	2500.00	\$0.083	\$207.45	39%	\$80.91	
	Rule 1166	500.00	\$0.083	\$41.49	39%	\$16.18	
		<b>Subtotal</b>					<b>\$63,819.03</b>

**EXHIBIT A  
COAST SEWER PROJECT COST**

Subtotal Area	Description	Qty	Unit Price	Total	% City of Stanton	City of Stanton Contribution	
Subtotal 7 Coast Imperial To Bestel	27.7 LF 8" VCP	27.70	\$160.00	\$4,432.00	38%	\$1,684.16	
	254 LF 18" VCP	254.00	\$300.00	\$76,200.00	38%	\$28,956.00	
	5 FT DIA. MH / Sancon Coating (1 EA)	1.00	\$6,000.00	\$6,000.00	38%	\$2,280.00	
	4 HC's	4.00	\$1,300.00	\$5,200.00	38%	\$1,976.00	
	Remove & Dispose MH/Base (1 EA)	1.00	\$1,500.00	\$1,500.00	38%	\$570.00	
	Abandon Exist. SWR Main (254 LF)	254.00	\$6.00	\$1,524.00	38%	\$579.12	
	R & R Water Main	20.00	\$100.00	\$2,000.00	38%	\$760.00	
	Reconstruct Street (AC Base course)	67.00	\$100.00	\$6,700.00	38%	\$2,546.00	
	Reconstruct Street (AC Surface course)	67.00	\$120.00	\$8,040.00	38%	\$3,055.20	
	Reconstruct Street (Aggregate Base)	244.90	\$42.00	\$10,285.80	38%	\$3,908.60	
	Reconstruct Cross Gutter	49.50	\$15.00	\$742.50	38%	\$282.15	
	CLR & Grub	90000.00	\$0.077	\$6,961.17	38%	\$2,645.25	
	Traffic Control	2000.00	\$0.077	\$154.69	38%	\$58.78	
	Maintain SWR Flows	6000.00	\$0.077	\$464.08	38%	\$176.35	
	Shoring	50000.00	\$0.077	\$3,867.32	38%	\$1,469.58	
	H & S Plan	1000.00	\$0.077	\$77.35	38%	\$29.39	
	Permits	2500.00	\$0.077	\$193.37	38%	\$73.48	
	Rule 1166	500.00	\$0.077	\$38.67	38%	\$14.70	
		<b>Subtotal</b>			<b>\$134,380.95</b>		<b>\$51,064.76</b>

**EXHIBIT A  
COAST SEWER PROJECT COST**

Subtotal Area	Description	Qty	Unit Price	Total	% City of Stanton	City of Stanton Contribution	
Subtotal 8 Coast - Bestel To Trask	83.4 LF 8" VCP	83.40	\$160.00	\$13,344.00	37%	\$4,937.28	
	789.5 LF 18" VCP	789.50	\$300.00	\$236,850.00	37%	\$87,634.50	
	5 FT DIA. MH / Sancon (4 EA)	4.00	\$6,000.00	\$24,000.00	37%	\$8,880.00	
	17 HC.s	17.00	\$1,300.00	\$22,100.00	37%	\$8,177.00	
	Remove & Dispose MH/Base (5 EA)	5.00	\$1,500.00	\$7,500.00	37%	\$2,775.00	
	Abandon Exist. SWR Main (775 LF)	775.00	\$6.00	\$4,650.00	37%	\$1,720.50	
	Reconstruct Street (AC Base course)	197.30	\$100.00	\$19,730.00	37%	\$7,300.10	
	Reconstruct Street (AC Surface course)	197.30	\$120.00	\$23,676.00	37%	\$8,760.12	
	Reconstruct Street (Aggregate Base)	721.90	\$42.00	\$30,319.80	37%	\$11,218.33	
	Reconst. Cross Gutter	56.00	\$15.00	\$840.00	37%	\$310.80	
	CLR & Grub	90000.00	\$0.240	\$21,637.18	37%	\$8,005.76	
	Traffic Control	2000.00	\$0.240	\$480.83	37%	\$177.91	
	Maintain SWR Flows	6000.00	\$0.240	\$1,442.48	37%	\$533.72	
	Shoring	50000.00	\$0.240	\$12,020.66	37%	\$4,447.64	
	H & S Plan	1000.00	\$0.240	\$240.41	37%	\$88.95	
	Permits	2500.00	\$0.240	\$601.03	37%	\$222.38	
	Rule 1166	500.00	\$0.240	\$120.21	37%	\$44.48	
		<b>Subtotal</b>			<b>\$419,552.60</b>		<b>\$155,234.46</b>

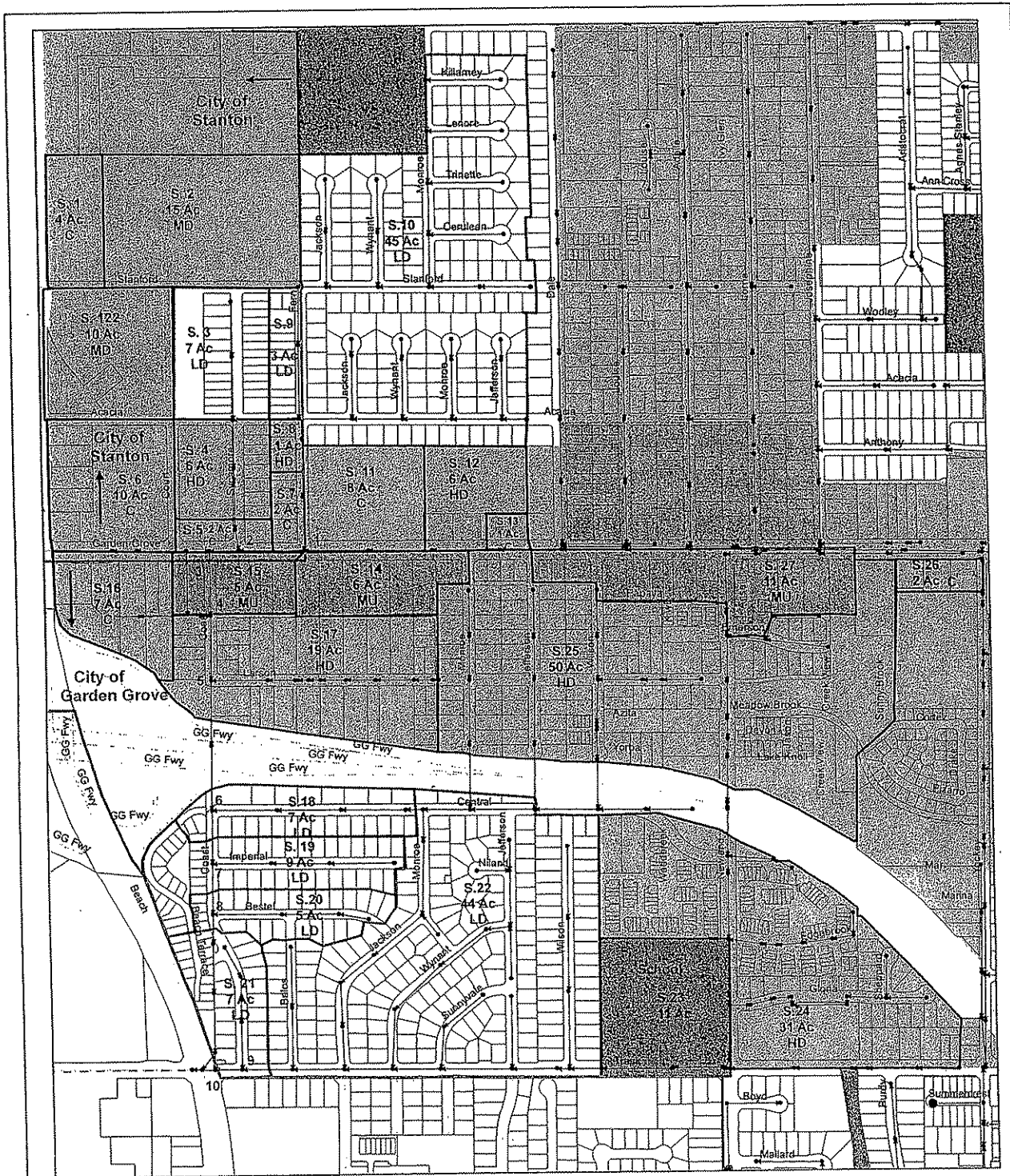
**EXHIBIT A  
COAST SEWER PROJECT COST**

Subtotal Area	Description	Qty	Unit Price	Total	% City of Stanton	City of Stanton Contribution	
Subtotal 9 Trask Coast To Beach	128 LF 8" VCP	128.00	\$300.00	\$38,400.00	18%	\$6,912.00	
	5 FT DIA. PVC lined Drop MH (1 EA)	1.00	\$8,000.00	\$8,000.00	18%	\$1,440.00	
	5 Ft PVC Lined MH (1 EA)	1.00	\$7,000.00	\$7,000.00	18%	\$1,260.00	
	R & R 20LF Water Main (1EA)	1.00	\$2,000.00	\$2,000.00	18%	\$360.00	
	Connection to Exist. MH (1EA)	1.00	\$1,000.00	\$1,000.00	18%	\$180.00	
	Connection to OCSD MH (1EA)	1.00	\$5,000.00	\$5,000.00	18%	\$900.00	
	CALTRANS WPCP	500.00	\$0.039	\$19.49	18%	\$3.51	
	CLR & Grub	90000.00	\$0.039	\$3,507.99	18%	\$631.44	
	Traffic Control	2000.00	\$0.039	\$77.96	18%	\$14.03	
	Maintain SWR Flows	6000.00	\$0.039	\$233.87	18%	\$42.10	
	Shoring	50000.00	\$0.039	\$1,948.88	18%	\$350.80	
	H & S Plan	1000.00	\$0.039	\$38.98	18%	\$7.02	
	Permits	2500.00	\$0.039	\$97.44	18%	\$17.54	
	Rule 1166	500.00	\$0.039	\$19.49	18%	\$3.51	
	<b>Subtotal</b>				\$67,344.10		\$12,121.94
	<b>Total</b>				\$1,441,859.70		\$565,033.04














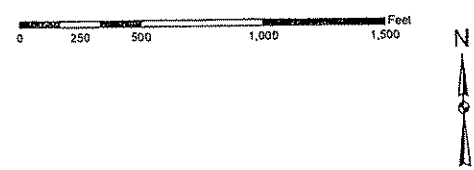

**EXHIBIT "B"**

**MAP OF COAST SEWER TRIBUTARY AREAS**



**Legend**

-  City Boundary
-  OCSD Trunk Sewer
-  GGSD Sewer
-  1 GGSD Sewer Manhole and Node Number
-  S.15 GGSD Site Number
-  S.1 City of Stanton Site Number
-  Commercial
-  Low Density Residential
-  Medium and High Density Residential
-  Mixed Use
-  Open Space and School

PROJECT NO.  
DATE: April 2008

EXHIBIT B

Coast Sewer Tributary Areas

**EXHIBIT "C"**

**UNIT FLOW FACTORS AND PROPORTIONATE FLOWS**

**EXHIBIT C  
COAST SEWER UNIT FLOW FACTORS AND PROPORTIONATE FLOWS**

Land Uses	Low Density	Medium Density	High Density	Commercial	Industrial	School	Open Space
Unit Flow Factor (gpd/ac)	2,000	3,880	5,820	3,230	3,000	420	200

Coast Sewer Flows and Cost Sharing	City of Garden Grove Manhole id	Land Use	Unit Flow Factor (gpd/ac)	GGSD			Stanton			Total ave Flow (gpd)	Total ave Flow (cfs)	Cumulative Flow (cfs)	Cumulative Stanton Flow (cfs)	% GGSD	% Stanton	From Node To Node
				Area (Ac)	Ave Flow (gpd)	Ave Flow (cfs)	Area (Ac)	Ave Flow (gpd)	Ave Flow (cfs)							
Subtotal 1 - GGBL VD, Farm to Sycamore		High Density (S12, S8)	5,820	6	34,920	0.054	1	5,820	0.009	95,650	0.148	0.129	0.019	87%	13%	1 to 2
		Commercial (S11, S13, S7)	3,230	9	29,070	0.045	2	6,460	0.010							
		Mixed Use (S14)	3,230	6	19,380	0.030										
Subtotal 2 - GGBL VD, Sycamore to Coast		Low Density (S3, S9, S10)	2,000	45	90,000	0.139	3	12,280	0.019	373,100	0.577	0.293	0.284	51%	49%	2 to 3
		Medium Density (S2, S122)	3,880	25	97,000	0.159	10	20,000	0.031							
		High Density (S4)	5,820	6	34,920	0.054	6	19,380	0.030							
		Commercial (S1, S5)	3,230	5	16,150	0.025	47	171,300	0.265							
Subtotal 3 - Coast, GGBL VD to 309.3' south of GGBL VD		Commercial (S9)	3,230				10	32,300	0.050	405,400	0.627	0.293	0.334	47%	53%	3 to 4
		Commercial (S16)	3,230	7	22,610	0.035	10	32,300	0.050							
Subtotal 4 - Coast, 309.3' south of GGBL VD to Larson		Commercial (S16)	3,230	7	22,610	0.035				428,010	0.652	0.328	0.334	50%	50%	4 to 5
		High Density (S17)	5,820	19	110,580	0.171										
Subtotal 5 - Coast, Larson to Central		High Density (S17)	5,820	19	110,580	0.171				538,590	0.833	0.499	0.334	60%	40%	5 to 6
		Low Density (S18)	2,000	7	14,000	0.022										
Subtotal 6 - Coast, Central to Imperial		Low Density (S18)	2,000	7	14,000	0.022				552,590	0.855	0.521	0.334	61%	39%	6 to 7
		Low Density (S19)	2,000	9	18,000	0.028										
Subtotal 7 - Coast, Imperial to Bestel		Low Density (S19)	2,000	9	18,000	0.028				570,590	0.883	0.549	0.334	62%	38%	7 to 8
		Low Density (S20)	2,000	5	10,000	0.015										
Subtotal 8 - Coast, Bestel to Trask		Low Density (S20)	2,000	5	10,000	0.015				580,590	0.898	0.564	0.334	63%	37%	8 to 9
		Low Density (S21, S22)	2,000	51	102,000	0.158										
Subtotal 9 - Trask, Coast to Beach		High Density (S24, S25)	5,820	81	471,420	0.729				1,857,740	1.857	1.523	0.334	82%	18%	9 to 10
		Commercial (S26)	3,230	2	6,460	0.010										
		School (S23)	420	11	4,620	0.007										
		Mixed Use (S27)	3,230	11	35,530	0.055										
Total				274	984,740	1.523	60	215,880	0.334	###	1.857	1.523	0.334			

NOTE: Sites in black represent Garden Grove Tributary Areas  
Sites in red represent Stanton Tributary Areas