

CITY COUNCIL MEETING  
SEPTEMBER 3, 1986

13

IMPLEMENTATION OF  
UNDERGROUND STORAGE  
TANK PROGRAM

CC-24(a)  
CC-24(b)

Council was reminded that on May 6, 1986, it met with Public Works and San Joaquin Local Health District staff to review Assembly Bills 2013 and 1362 pertaining to underground fuel storage tanks. At that time, it was estimated that the total cost to the city to implement the program would be approximately \$280,000 and that a reimbursement of approximately \$135,000 from the State was a possibility if certain conditions prevailed. New estimates show that the total cost will be approximately \$251,500 with a State reimbursement of \$141,000.

After obtaining cost estimates and additional discussion with the County Health District, it is recommended that the City's underground storage tank program be completed in two phases. Each phase was detailed for the benefit of the Council including the anticipated costs.

Council approved a Special Allocation request in the amount of \$77,000 for completion of Phase 1 of the Underground Storage Tank Program.

MEMORANDUM, City of Lodi, Public Works Department

TO: City Manager  
FROM: Director of Public Works  
DATE: August 27, 1986  
SUBJECT: Implementation of Underground Storage Tank Program

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RECOMMENDED ACTION: Approve attached Special Allocation Request for the completion of Phase 1 of the Underground Storage Tank Program.

BACKGROUND INFORMATION: On May 6, 1986, the Council met with Public Works and San Joaquin Local Health District staff to review Assembly Bills 2013 and 1362 pertaining to underground fuel storage tanks. At that time, it was estimated that the total cost to implement the program would be approximately \$280,000 and that a reimbursement of approximately \$135,000 from the State was a possibility if certain conditions prevailed. New estimates show that the total cost will be approximately \$251,500 with a State reimbursement of \$141,000.

After obtaining cost estimates and additional discussion with the County Health District, it is recommended that our underground storage tank program be completed in two phases. Those phases are discussed below.

#### PHASE 1

Phase 1 will be completed during this fiscal year. During this phase, 12 of the City's 20 underground tanks will be removed as soon as possible. Seven of the smaller tanks are recommended to be replaced with above-ground tanks. The estimated cost to remove and replace these tanks is \$42,800. The cost of removing five tanks that are no longer used and will not be replaced is \$25,000.

Another item that must be completed this year is the installation of a monitoring well on the 18,400-gallon unleaded fuel tank behind the Public Safety Building. The cost of this will be \$8,000. If the tank does not leak, we will be permitted to abandon it in place under the Phase 2 work. If the tests show that there is a leak on the Public Safety Building tank, we will be required to remove the tank and clean up all spillage. We are not anticipating that this will happen; however, if it should, the cost will be more than the \$11,000 we estimated under Phase 2 for the abandonment.

The City must also pay the San Joaquin Local Health District a \$90 closure fee for each tank removed.

A cost breakdown of the Phase 1 work is as follows:

Remove and Replace 7 Tanks	\$42,800
Remove 5 Tanks	25,000
Monitor Well for Tank @ Public Safety Building	8,000
County Closure Fees	1,100
	<hr/>
	\$76,900*

## PHASE 2

During Phase 2, which would be budgeted for and accomplished during the 1987-88 fiscal year, seven single-walled underground tanks would be removed and replaced with double-walled tanks. It is estimated that the cost to remove, replace, install monitoring equipment, and do the engineering for these tanks is \$132,000. The State would reimburse the difference in cost between a single- and double-walled tank and required monitoring equipment.

The large tank at the Public Safety Building, if found not to be leaking, would be abandoned in place at a cost of \$11,000. A new replacement, double-walled tank, costing approximately \$30,500, would be installed.

The City must also pay \$1,200 in permit fees for those tanks that are remaining underground.

There are new regulations pending regarding regular gasoline. It is being proposed that regular gasoline no longer be manufactured. If that should happen, we would eliminate the regular gasoline tank at the Municipal Service Center and increase the size of the unleaded gasoline tank at that location. Any new regulations regarding regular gas tanks should be known prior to the time we must replace any tanks under Phase 2.

A cost breakdown of the Phase 2 work is as follows:

Remove and Replace 7 Underground Tanks	\$132,000
Abandon Public Safety Building Tank	11,000
Install New Public Safety Building Tank	30,500
County Permit Fees	1,200
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	\$174,700

\*In addition to this amount, a special allocation for the testing and calibration (\$3850) has already been approved.

The City's initial costs and State reimbursement is itemized below and is shown in detail on Exhibit A.

Phase 1

Initial City Cost	\$76,900	
Possible State Reimbursement*	<u>51,100</u>	
Total City Cost		\$25,800

Phase 2

Initial City Cost	\$174,700	
Possible State Reimbursement*	<u>90,000</u>	
Total City Cost		<u>\$84,700</u>

Total Phase 1 & Phase 2 City Costs \$110,500

  
Jack A. Ronsko  
Public Works Director

Attachments

JLR/SB/ma

cc: Dick Wiech

\*State will not reimburse any cost involved on a tank that has leaked.



# CITY OF LODI

## SPECIAL ALLOCATION REQUEST

TO: Finance Director  
City Manager

Date: August 27, 1986

FROM: Public Works Director

Account Number: 121-350.58

Request is made for funds to accomplish the following which was not included in the current budget:

### PROJECT DESCRIPTION & JUSTIFICATION

### ESTIMATED COST

COMPLETION OF PHASE 1 OF UNDERGROUND STORAGE TANK PROGRAM	\$77,000
Remove and replace 7 tanks	\$42,800
Remove 5 tanks	25,000
Monitor well for Public Safety Building tank	8,000
Closure fee	<u>1,100</u>
	\$76,900

(See attached memo dated August 27, 1986 for detail description of Phase 1 work)

  
\_\_\_\_\_  
Department Head

### FUND OR ACCOUNT TO BE CHARGED

Current Budget	\$ _____	Prior Year Reserve	\$ _____
Contingent Fund	\$ _____	General Fund Surplus	\$ _____
Capital Outlay Reserve	\$ _____	Reimbursable Account	\$ _____
Utility Outlay Reserve	\$ _____	_____	\$ _____
		other	

### APPROVALS

Fund Verification

Approval

Finance Director \_\_\_\_\_

City Manager \_\_\_\_\_ date  
 City Council \_\_\_\_\_

Amount Approved \$ \_\_\_\_\_

Submit this form in triplicate.

THE FOLLOWING DOCUMENTS  
WILL REQUIRE MORE THAN ONE SHOT  
AS THEY ARE OVERSIZED  
AND WILL NOT FIT IN THE FRAME

LOCATION	SIZE	PRODUCT USAGE	REPLACEMENT and/OR REMOVAL COST	POSSIBLE REMOVAL OF TANK	ESTIMATED COST	MONITOR EQUIPMENT AND ENGINEERING FEES	STATE MONITORING ALTERNATIVE
PSB	18,400	Unleaded ▲	Abandon Tank \$11,000 15,000 gal. Tank 20,000	\$11,000	\$12,500	\$8,000 ** \$2,500	None Applicable
	10,000	Diesel ▲	20,300	---	8,150	750 2,100	8
P&RS	250	Waste Oil	3,500	3,500	---	---	7
	1,000	Diesel ▲	12,000	---	2,725	1,500 1,200	5
	2,000	Regular ▲	13,000	---	3,900	1,500 1,300	5
Fire Station No. 2	8,000	Diesel	10,000	10,000	---	---	250 5
MSC	500	Waste Oil ▲	9,600	---	1,775	750 750	7
	5,000	Unleaded ▲	18,000	---	5,500	1,500 2,000	8
	5,000	Diesel ▲	18,000	---	5,500	1,500 2,000	8
	10,000	Regular ▲	21,000	---	8,150	1,500 2,000	8
White Slough	1,000	Diesel	8,000	3,500	---	---	250 7
	2,000	Diesel	3,500	3,500	---	---	250 7
<b>WELLS</b>							
Well #4	350	Diesel	5,500	3,500	---	---	250 7
#5	350	Diesel	5,500	3,500	---	---	250 7
#6 (old)	350	Diesel	3,500	3,500	---	---	250 7
#8	350	Diesel	5,500	3,500	---	---	250 7
#9	350	Diesel	5,500	3,500	---	---	250 7
#13	350	Diesel	5,500	3,500	---	---	250 7
#16	350	Diesel	5,500	3,500	---	---	250 7
#17	350	Diesel	3,500	3,500	---	---	250 7

\* State Monitoring Alternates attached

▲ Precision testing of these sites to be completed under Phase I. All other costs are included under Phase II.

\*\* This is a monitoring well.

MONITORING #	RECOMMENDATION OR REMARKS	TOTAL COST	CITY COST AFTER REIMBURSEMENT	TESTING
	Replace with a 15,000 gal. double wall monitored tank approx. 4 ft. below ground level. (Present tank is 12 ft. below ground). Present tank to be abandoned in place.	\$ 49,500	\$ 15,500	\$ 800
	Replace with same size double wall monitored tank.	22,850	11,850	450
	Remove tank, no replacement tank to be installed. Waste oil to be deposited in the MSC waste oil tank.	3,500	0	
	Replace with same size double wall monitored tank.	14,700	3,275	390
	" " " " "	15,800	9,100	390
	Remove tank, piping and island complete. Fire Dept. will reuse tank as a water tank. (Separate funded project).	10,250	250	
	This 500 gal. waste oil tank should be replaced with a 1,000 gal. double wall monitored tank. With the elimination of the 250 gal. waste oil tank at P&RS, the additional capacity is required.	11,100	7,825	350
8	Replace with same size double wall monitored tank.	21,500	12,500	350
9	" " " " "	21,500	12,500	350
8	" " " " "	24,500	12,850	350
	Remove tank and piping to building. Tank to be replaced with a diked above ground 3,000 gal. tank.	8,250	4,500	
	Remove tank and piping to building. The 3,000 gal. tank listed above will serve as the replacement.	3,750	0	
	Remove tank. Tank to be replaced with a diked above ground 300 gal. tank.	5,750	2,000	
	" " " " " "	5,750	2,000	
	Remove tank. No replacement tank required at this time. (Well site was relocated).	3,750	0	
	Remove tank. Tank to be replaced with a diked above ground 300 gal. tank.	5,750	2,000	
	" " " " " "	5,750	2,000	
	" " " " " "	5,750	2,000	
	" " " " " "	5,750	2,000	
	Remove tank. No replacement tank required at this time. (No generator)	3,750	0	
	<b>SUB TOTAL</b>	<b>\$249,200</b>	<b>\$108,150</b>	<b>\$3,430</b>
	<b>MISC. PERMITS</b>	<b>2,300</b>	<b>2,300</b>	
	<b>TOTAL</b>	<b>\$251,500</b>	<b>\$110,450</b>	

**Exhibit A**