



Agenda
Regular Meeting of the
Water, Sewer and Storm Drain Committee
Thursday, April 18, 2019
4:00 PM

Live Oak Council Chambers
9955 Live Oak Boulevard, Live Oak, CA 95953

Luis Hernandez, Councilmember
J.R. Thiara, Councilmember

Joe Aguilar, Finance Director
Scott Rolls, City Engineer
Ron Walker, Public Works Director

The Committee may take up any agenda item at any time, regardless of the order listed. Action may be taken on any item on this agenda. Materials related to an item on this Agenda submitted to the Committee after distribution of the agenda packet are available for public inspection at City Hall, 9955 Live Oak Blvd., Live Oak, during normal business hours. Such documents are also available on the City of Live Oak's website at www.liveoakcity.org, subject to staff's availability to post the documents before the meeting.

In compliance with the Americans with Disabilities Act, the meeting room is wheelchair accessible and disabled parking is available. If you have a disability and need disability-related modifications or accommodations to participate in this meeting, please contact the City Clerk's office at (530) 695- 2112 x102. Requests must be made at least 24 hours in advance.

Call to Order

Roll Call

Public Communications-Appearance of Interested Citizens

Members of the audience wishing to address the Committee regarding City may do so at this time. When recognized, please come to the podium and state your name and address for the record. Comments will be limited to three (3) minutes unless further time is specifically granted.

Discussion Items

1. **Finance Briefing on Utility Funds**
 - Joe Aguilar, Contract Finance Director
2. **Briefing on Water and Sewer Operations**
 - Ron Walker, Director of Public Works
3. **Briefing on P Street Lift Station**
 - Ron Walker, Director of Public Works
4. **Update on Pennington Road Water Main Project**
 - Scott Rolls, Contract Engineer
5. **Update on Well 7A**
 - Scott Rolls, Contract Engineer

Updates and Announcements

Committee Member Reports/Comments/Requests

Adjournment



LIVE OAK

Operating Funds Revenue & Expense Recap

	General Fund	Water Operations	Sewer Operations
Operating Expenses	\$2,197,000	\$652,000	\$1,155,000
Percent Spent 3/31/19	71%	64%	58%
Operating Revenues	\$2,113,000	\$634,000	\$1,739,000
Percent received 3/31/19	58%	75%	74%



LIVE OAK

Water Fund Rate Covenant Recap

	FY 2017 Actual	FY 2018 Actual	FY 2019 Est. Budget
Operating Revenues	\$804,000	\$885,000	\$872,000
Operating Expenses	\$844,000	\$859,000	\$912,000
Coverage Ratio	95%	99%	96%
Target Ratio	111%	110%	109%
Percent Difference	16%	11%	13%
Dollar Difference	\$140,813	\$99,000	\$122,000

CITY OF LIVE OAK
REVENUE REPORT (UNAUDITED)
AS OF: MARCH 31ST, 2019

012-WATER ENTERPRISE

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
NON-DEPARTMENTAL					
012-4-0000-4167 Miscellaneous Income	0.00	0.00	0.00	0.00	0.00
012-4-0000-4168 Dedication Proceeds	0.00	0.00	0.00	0.00	0.00
012-4-0000-4169 Interest Earnings	3,400.00	0.00	665.63	19.58	2,734.37
012-4-0000-4170 Unrealized Gain/Loss	300.00	0.00	219.47	73.16	80.53
012-4-0000-4171 Sale of Fixed Assets	0.00	0.00	0.00	0.00	0.00
012-4-0000-4172 Contributed Capital	0.00	0.00	0.00	0.00	0.00
012-4-0000-4301 Interfund Transfer	0.00	0.00	0.00	0.00	0.00
012-4-0000-4401 Service Charges	837,000.00	59,835.18	629,462.18	75.20	207,537.82
012-4-0000-4404 Service Miscellaneous	800.00	0.00	1,408.60	176.08	2,208.60
012-4-0000-4405 Penalty Charges	7,300.00	501.91	5,256.86	72.01	2,043.14
012-4-0000-4601 Grant Proceeds	0.00	0.00	0.00	0.00	0.00
TOTAL NON-DEPARTMENTAL	848,800.00	60,337.09	634,195.54	74.72	214,604.46
TOTAL REVENUES					
	848,800.00	60,337.09	634,195.54	74.72	214,604.46

CITY OF LIVE OAK
EXPENDITURES REPORT (UNAUDITED)
AS OF: MARCH 31ST, 2019

112-WATER ENTERPRISE
WATER ENTERPRISE

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
112-5-1200-5001 Salaries Elected	2,200.00	182.35	1,404.08	63.82	795.92
112-5-1200-5003 Salaries Permanent	229,900.00	22,421.21	131,445.01	57.17	98,454.99
112-5-1200-5005 Salaries Extra Help	15,300.00	2,618.07	16,078.18	105.09	(778.18)
112-5-1200-5007 Overtime	3,000.00	294.24	2,370.21	79.01	629.79
112-5-1200-5009 Certificate Pay	1,600.00	0.00	0.00	0.00	1,600.00
112-5-1200-5011 Car Allowance	1,400.00	72.50	573.75	40.98	826.25
112-5-1200-5013 Social Security	14,000.00	1,548.71	9,235.79	65.97	4,764.21
112-5-1200-5015 Medicare	4,500.00	362.21	2,160.00	48.00	2,340.00
112-5-1200-5017 Unemployment Insurance	2,000.00	181.26	2,387.15	119.36	(387.15)
112-5-1200-5019 Workers Compensation	14,300.00	0.00	8,882.49	62.12	5,417.51
112-5-1200-5020 Retirement Unfund Liabil	33,300.00	0.00	25,548.63	76.72	7,751.37
112-5-1200-5021 Retirement PERS City	21,500.00	1,906.63	12,453.45	57.92	9,046.55
112-5-1200-5022 Pension Expense - GASB 6	0.00	0.00	0.00	0.00	0.00
112-5-1200-5023 Retirement PERS Employee	9,500.00	677.38	4,527.44	47.66	4,972.56
112-5-1200-5024 OPEB Expense - GASB 75	0.00	0.00	0.00	0.00	0.00
112-5-1200-5025 Health Insurance	66,700.00	4,872.57	34,895.66	52.32	31,804.34
112-5-1200-5027 Dental Insurance	12,700.00	312.82	2,716.64	21.39	9,983.36
112-5-1200-5029 Vision Insurance	1,300.00	62.50	546.75	42.06	753.25
112-5-1200-5031 Life Insurance	800.00	61.79	496.33	62.04	303.67
112-5-1200-5033 ARC Expense	0.00	0.00	0.00	0.00	0.00
112-5-1200-5301 Office Supplies	2,900.00	0.00	1,992.78	68.72	907.22
112-5-1200-5303 Operating Supplies	4,100.00	0.00	1,317.63	32.14	2,782.37
112-5-1200-5305 Chemicals	27,200.00	3,023.95	18,948.12	69.66	8,251.88
112-5-1200-5307 Fuel	12,100.00	92.00	2,146.05	17.74	9,953.95
112-5-1200-5309 Safety Items	1,100.00	0.00	701.06	63.73	398.94
112-5-1200-5311 Repair & Maintenance	40,500.00	3,697.17	21,824.50	53.89	18,675.50
112-5-1200-5313 Repair & Maintenance Bui	1,000.00	0.00	53.65	5.37	946.35
112-5-1200-5315 Repair & Maintenance Veh	4,200.00	88.24	528.43	12.58	3,671.57
112-5-1200-5317 Maintenance & Service Co	17,600.00	0.00	16,279.85	92.50	1,320.15
112-5-1200-5319 Small Tools & Equipment	3,000.00	43.59	1,316.71	43.89	1,683.29
112-5-1200-5321 Rents & Leases	6,700.00	412.96	4,160.11	62.09	2,539.89
112-5-1200-5323 Communications	4,900.00	206.75	1,309.70	26.73	3,590.30
112-5-1200-5325 Advertising	2,800.00	0.00	0.00	0.00	2,800.00
112-5-1200-5327 Postage	10,500.00	470.21	5,075.79	48.34	5,424.21
112-5-1200-5329 Printing & Copying	3,200.00	0.00	2,701.50	84.42	498.50
112-5-1200-5331 Travel, Lodging & Meals	0.00	30.64	30.64	0.00	(30.64)
112-5-1200-5333 Dues & Subscriptions	1,800.00	60.00	4,048.80	224.93	(2,248.80)
112-5-1200-5335 Professional Development	1,000.00	0.00	759.06	75.91	240.94
112-5-1200-5337 Licenses and Permits	25,000.00	109.93	12,816.52	51.27	12,183.48
112-5-1200-5339 Utilities	146,400.00	7,503.20	110,015.59	75.15	36,384.41
112-5-1200-5341 Professional Services	101,800.00	20,437.20	118,752.87	116.65	(16,952.87)
112-5-1200-5343 Liability Insurance	15,000.00	0.00	15,397.44	102.65	(397.44)
112-5-1200-5345 Property & Equipment Ins	9,300.00	0.00	11,708.63	125.90	(2,408.63)
112-5-1200-5347 Vehicle Insurance	100.00	0.00	0.00	0.00	100.00
112-5-1200-5349 Fidelity Insurance	200.00	0.00	199.00	99.50	1.00
112-5-1200-5353 Special Departmental Exp	200.00	0.00	175.00	87.50	25.00
112-5-1200-5501 Principal	40,000.00	0.00	0.00	0.00	40,000.00
112-5-1200-5503 Interest	45,000.00	0.00	22,100.00	49.11	22,900.00
112-5-1200-5505 Depreciation Expense	0.00	0.00	0.00	0.00	0.00

CITY OF LIVE OAK
 EXPENDITURES REPORT (UNAUDITED)
 AS OF: MARCH 31ST, 2019

012-WATER ENTERPRISE
 WATER ENTERPRISE

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
012-5-1200-5703 Vehicles & Heavy Equipme	0.00	0.00	0.00	0.00	0.00
012-5-1200-5705 Capital Projects	20,000.00	0.00	0.00	0.00	20,000.00
012-5-1200-5901 Interfund Transfer	0.00	0.00	0.00	0.00	0.00
012-5-1200-5903 Legal Cost Transfer	9,700.00	0.00	3,409.00	35.14	6,291.00
012-5-1200-5905 Finance Cost Transfer	14,900.00	0.00	8,085.00	54.26	6,815.00
012-5-1200-5909 General Gov't Transfer	10,100.00	0.00	10,101.00	100.01	1.00)
012-5-1200-5911 Engineering Cost Transfe	1,200.00	0.00	1,200.00	100.00	0.00
TOTAL WATER ENTERPRISE	1,017,500.00	71,750.08	652,875.99	64.16	364,624.01

TOTAL EXPENDITURES	=====	=====	=====	=====	=====
	1,017,500.00	71,750.08	652,875.99	64.16	364,624.01
	=====	=====	=====	=====	=====



LIVE OAK

Sewer Fund

Rate Covenant Recap

	FY 2017 Actual	FY 2018 Actual	FY 2019 Est. Budget
Operating Revenues	\$2,241,000	\$2,265,000	\$2,250,000
Operating Expenses	\$1,554,000	\$1,680,000	\$1,892,000
Coverage Ratio	147%	134%	119%
Target Ratio	123%	119%	119%
Percent Difference	24%	15%	0%
Dollar Difference	\$372,000	\$252,000	\$0

CITY OF LIVE OAK
REVENUE REPORT (UNAUDITED)
AS OF: MARCH 31ST, 2019

113--SEWER ENTERPRISE

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
NON-DEPARTMENTAL					
113-4-0000-4157 Caltrans Reimbursement	0.00	0.00	0.00	0.00	0.00
113-4-0000-4167 Miscellaneous Income	500.00	0.00	0.00	0.00	500.00
113-4-0000-4168 Dedication Proceeds	0.00	0.00	0.00	0.00	0.00
113-4-0000-4169 Interest Earnings	62,700.00	0.00	26,934.56	42.96	35,765.44
113-4-0000-4170 Unrealized Gain/Loss	3,600.00	0.00	4,695.73	130.44	1,095.73
113-4-0000-4171 Sale of Fixed Assets	0.00	0.00	0.00	0.00	0.00
113-4-0000-4172 Contributed Capital	0.00	0.00	0.00	0.00	0.00
113-4-0000-4301 Interfund Transfer	0.00	0.00	0.00	0.00	0.00
113-4-0000-4401 Service Charges	2,250,000.00	189,552.38	1,694,176.90	75.30	555,823.10
113-4-0000-4405 Penalty Charges	18,200.00	1,405.92	13,422.42	73.75	4,777.58
TOTAL NON-DEPARTMENTAL	2,335,000.00	190,958.30	1,739,229.61	74.49	595,770.39
TOTAL REVENUES					
	2,335,000.00	190,958.30	1,739,229.61	74.49	595,770.39

CITY OF LIVE OAK
EXPENDITURES REPORT (UNAUDITED)
AS OF: MARCH 31ST, 2019

013-SEWER ENTERPRISE
SEWER ADMIN

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
013-5-1300-5001 Salaries Elected	2,200.00	182.35	1,404.08	63.82	795.92
013-5-1300-5003 Salaries Permanent	697,100.00	31,282.59	194,926.13	27.96	502,173.87
013-5-1300-5005 Salaries Extra Help	15,300.00	3,142.44	18,928.69	123.72 (	3,628.69)
013-5-1300-5007 Overtime	9,000.00	246.39	2,074.81	23.05	6,925.19
013-5-1300-5009 Certificate Pay	23,200.00	0.00	0.00	0.00	23,200.00
013-5-1300-5011 Car Allowance	5,100.00	361.25	2,876.25	56.40	2,223.75
013-5-1300-5013 Social Security	45,300.00	2,138.39	13,306.17	29.37	31,993.83
013-5-1300-5015 Medicare	10,800.00	500.13	3,112.11	28.82	7,687.89
013-5-1300-5017 Unemployment Insurance	5,100.00	171.07	2,630.97	51.59	2,469.03
013-5-1300-5019 Workers Compensation	51,600.00	0.00	30,073.71	58.28	21,526.29
013-5-1300-5020 Retirement Unfund Liabil	15,984.00	0.00	33,724.11	210.99 (	17,740.11)
013-5-1300-5021 Retirement PERS City	62,900.00	3,043.98	20,441.49	32.50	42,458.51
013-5-1300-5022 Pension Expense - GASB 6	0.00	0.00	0.00	0.00	0.00
013-5-1300-5023 Retirement PERS Employee	31,500.00	1,479.60	9,870.38	31.33	21,629.62
013-5-1300-5024 OPEB Expense - GASB 75	0.00	0.00	0.00	0.00	0.00
013-5-1300-5025 Health Insurance	151,400.00	5,909.39	42,661.78	28.18	108,738.22
013-5-1300-5027 Dental Insurance	8,600.00	350.46	3,076.84	35.78	5,523.16
013-5-1300-5029 Vision Insurance	1,900.00	69.89	608.74	32.04	1,291.26
013-5-1300-5031 Life Insurance	1,800.00	72.14	599.12	33.28	1,200.88
013-5-1300-5033 ARC Expense	0.00	0.00	0.00	0.00	0.00
013-5-1300-5301 Office Supplies	3,000.00	50.68	2,240.89	74.70	759.11
013-5-1300-5303 Operating Supplies	0.00	350.91	2,432.77	0.00 (	2,432.77)
013-5-1300-5305 Chemicals	0.00	0.00	1,109.84	0.00 (	1,109.84)
013-5-1300-5307 Fuel	0.00	752.08	5,256.90	0.00 (	5,256.90)
013-5-1300-5308 Inventory	0.00	47.19	2,584.05	0.00 (	2,584.05)
013-5-1300-5309 Safety Items	0.00	42.90	1,030.47	0.00 (	1,030.47)
013-5-1300-5311 Repair & Maintenance WMT	0.00	11,290.61	57,371.16	0.00 (	57,371.16)
013-5-1300-5312 Repair & Maint Collectio	0.00	1,594.07	24,750.38	0.00 (	24,750.38)
013-5-1300-5313 Repair & Maintenance Bui	0.00	0.00	0.00	0.00	0.00
013-5-1300-5315 Repair & Maintenance Veh	0.00	340.39	1,458.08	0.00 (	1,458.08)
013-5-1300-5317 Maintenance & Service Co	5,000.00	0.00	34,256.09	685.12 (	29,256.09)
013-5-1300-5319 Small Tools & Equipment	0.00	615.40	5,713.05	0.00 (	5,713.05)
013-5-1300-5321 Rents & Leases	0.00	543.46	5,334.53	0.00 (	5,334.53)
013-5-1300-5323 Communications	0.00	678.21	4,384.08	0.00 (	4,384.08)
013-5-1300-5325 Advertising	0.00	0.00	0.00	0.00	0.00
013-5-1300-5327 Postage	9,440.00	470.20	5,101.83	54.04	4,338.17
013-5-1300-5329 Printing & Copying	2,560.00	382.85	3,084.32	120.48 (	524.32)
013-5-1300-5331 Travel, Lodging & Meals	0.00	0.00	0.00	0.00	0.00
013-5-1300-5333 Dues & Subscriptions	2,600.00	0.00	1,394.98	53.65	1,205.02
013-5-1300-5335 Professional Development	8,000.00	0.00	540.55	6.76	7,459.45
013-5-1300-5337 Licenses and Permits	0.00	2,099.93	18,803.20	0.00 (	18,803.20)
013-5-1300-5339 Utilities	0.00	3,213.89	17,798.82	0.00 (	17,798.82)
013-5-1300-5341 Professional Services	184,000.00	53,348.98	316,411.13	171.96 (	132,411.13)
013-5-1300-5343 Liability Insurance	22,890.00	0.00	33,406.68	145.94 (	10,516.68)
013-5-1300-5345 Property & Equipment Ins	21,210.00	0.00	38,177.47	180.00 (	16,967.47)
013-5-1300-5347 Vehicle Insurance	0.00	0.00	0.00	0.00	0.00
013-5-1300-5349 Fidelity Insurance	0.00	0.00	342.00	0.00 (	342.00)
013-5-1300-5353 Special Departmental Exp	0.00	0.00	280.00	0.00 (	280.00)
013-5-1300-5360 Sludge Removal	21,000.00	0.00	13,601.20	64.77	7,398.80

CITY OF LIVE OAK
EXPENDITURES REPORT (UNAUDITED)
AS OF: MARCH 31ST, 2019

013-SEWER ENTERPRISE
SEWER ADMIN

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
013-5-1300-5501 Principal	0.00	0.00	0.00	0.00	0.00
013-5-1300-5503 Interest	0.00	0.00	17,212.50	0.00 (	17,212.50)
013-5-1300-5505 Depreciation Expense	0.00	0.00	0.00	0.00	0.00
013-5-1300-5701 Buildings & Structures	0.00	0.00	10,239.09	0.00 (	10,239.09)
013-5-1300-5703 Vehicles & Heavy Equipme	0.00	0.00	0.00	0.00	0.00
013-5-1300-5705 Capital Projects	0.00	0.00	0.00	0.00	0.00
013-5-1300-5901 Interfund Transfer	0.00	0.00	0.00	0.00	0.00
013-5-1300-5903 Legal Cost Transfer	22,200.00	0.00	7,801.00	35.14	14,399.00
013-5-1300-5905 Finance Cost Transfer	33,800.00	0.00	18,344.00	54.27	15,456.00
013-5-1300-5909 General Gov't Transfer	23,200.00	0.00	23,201.00	100.00 (	1.00)
013-5-1300-5911 Engineering Cost Transfe	2,900.00	0.00	2,900.00	100.00	0.00
013-5-1300-5912 Utilities Sewage Plant	0.00	10,393.05	78,928.50	0.00 (	78,928.50)
TOTAL SEWER ADMIN	1,500,584.00	135,164.87	1,135,805.94	75.69	364,778.06

CITY OF LIVE OAK
EXPENDITURES REPORT (UNAUDITED)
AS OF: MARCH 31ST, 2019

013-SEWER ENTERPRISE
SEWER PLAN

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
013-5-1310-5019 Workers Compensation	0.00	0.00	0.00	0.00	0.00
013-5-1310-5020 Retirement Unfund Liabil	15,984.00	0.00	3,065.83	19.18	12,918.17
013-5-1310-5303 Operating Supplies	4,500.00	0.00	0.00	0.00	4,500.00
013-5-1310-5305 Chemicals	3,200.00	0.00	0.00	0.00	3,200.00
013-5-1310-5307 Fuel	1,660.00	0.00	0.00	0.00	1,660.00
013-5-1310-5308 Inventory	540.00	0.00	0.00	0.00	540.00
013-5-1310-5309 Safety Items	1,300.00	0.00	0.00	0.00	1,300.00
013-5-1310-5311 Repair & Maintenance WMT	40,000.00	0.00	0.00	0.00	40,000.00
013-5-1310-5312 Repair & Maint Collectio	0.00	0.00	0.00	0.00	0.00
013-5-1310-5313 Repair & Maintenance Bui	3,750.00	0.00	0.00	0.00	3,750.00
013-5-1310-5315 Repair & Maintenance Veh	1,400.00	0.00	0.00	0.00	1,400.00
013-5-1310-5317 Maintenance & Service Co	25,000.00	0.00	0.00	0.00	25,000.00
013-5-1310-5319 Small Tools & Equipment	2,700.00	0.00	0.00	0.00	2,700.00
013-5-1310-5321 Rents & Leases	5,625.00	0.00	0.00	0.00	5,625.00
013-5-1310-5323 Communications	8,200.00	0.00	0.00	0.00	8,200.00
013-5-1310-5325 Advertising	0.00	0.00	0.00	0.00	0.00
013-5-1310-5327 Postage	1,180.00	0.00	0.00	0.00	1,180.00
013-5-1310-5329 Printing & Copying	320.00	0.00	0.00	0.00	320.00
013-5-1310-5331 Travel, Lodging & Meals	0.00	0.00	0.00	0.00	0.00
013-5-1310-5335 Professional Development	16,000.00	0.00	0.00	0.00	16,000.00
013-5-1310-5337 Licenses and Permits	10,850.00	0.00	0.00	0.00	10,850.00
013-5-1310-5339 Utilities	167,786.00	0.00	0.00	0.00	167,786.00
013-5-1310-5343 Liability Insurance	4,905.00	0.00	0.00	0.00	4,905.00
013-5-1310-5345 Property & Equipment Ins	4,545.00	0.00	0.00	0.00	4,545.00
013-5-1310-5347 Vehicle Insurance	0.00	0.00	0.00	0.00	0.00
013-5-1310-5349 Fidelity Insurance	0.00	0.00	0.00	0.00	0.00
013-5-1310-5353 Special Department Expen	0.00	0.00	0.00	0.00	0.00
013-5-1310-5360 Sludge Removal	4,500.00	0.00	0.00	0.00	4,500.00
TOTAL SEWER PLAN	323,945.00	0.00	3,065.83	0.95	320,879.17

CITY OF LIVE OAK
EXPENDITURES REPORT (UNAUDITED)
AS OF: MARCH 31ST, 2019

013--SEWER ENTERPRISE
SEWER COLLECTION

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
013-5-1320-5019 Workers Compensation	0.00	0.00	12,972.84	0.00	(12,972.84)
013-5-1320-5020 Retirement Unfund Liabil	21,312.00	0.00	4,087.76	19.18	17,224.24
013-5-1320-5303 Operating Supplies	4,500.00	0.00	0.00	0.00	4,500.00
013-5-1320-5305 Chemicals	800.00	0.00	0.00	0.00	800.00
013-5-1320-5307 Fuel	6,640.00	0.00	0.00	0.00	6,640.00
013-5-1320-5308 Inventory	360.00	0.00	0.00	0.00	360.00
013-5-1320-5309 Safety Items	1,300.00	0.00	0.00	0.00	1,300.00
013-5-1320-5311 Repair & Maintenance WWT	0.00	0.00	0.00	0.00	0.00
013-5-1320-5312 Repair & Maint Collectio	39,100.00	0.00	0.00	0.00	39,100.00
013-5-1320-5313 Repair & Maintenance Bui	1,250.00	0.00	0.00	0.00	1,250.00
013-5-1320-5315 Repair & Maintenance Veh	5,600.00	0.00	0.00	0.00	5,600.00
013-5-1320-5317 Maintenance & Service Co	20,000.00	0.00	0.00	0.00	20,000.00
013-5-1320-5319 Small Tools & Equipment	1,800.00	0.00	0.00	0.00	1,800.00
013-5-1320-5321 Rents & Leases	1,875.00	0.00	0.00	0.00	1,875.00
013-5-1320-5323 Communications	8,200.00	0.00	0.00	0.00	8,200.00
013-5-1320-5325 Advertising	1,180.00	0.00	0.00	0.00	1,180.00
013-5-1320-5327 Postage	0.00	0.00	0.00	0.00	0.00
013-5-1320-5329 Printing & Copying	320.00	0.00	0.00	0.00	320.00
013-5-1320-5331 Travel, Lodging & Meals	0.00	0.00	0.00	0.00	0.00
013-5-1320-5335 Professional Development	16,000.00	0.00	0.00	0.00	16,000.00
013-5-1320-5337 Licenses and Permits	4,650.00	0.00	0.00	0.00	4,650.00
013-5-1320-5339 Utilities	27,314.00	0.00	0.00	0.00	27,314.00
013-5-1320-5343 Liability Insurance	4,905.00	0.00	0.00	0.00	4,905.00
013-5-1320-5345 Property & Equipment Ins	4,545.00	0.00	0.00	0.00	4,545.00
013-5-1320-5347 Vehicle Insurance	0.00	0.00	0.00	0.00	0.00
013-5-1320-5349 Fidelity Insurance	0.00	0.00	0.00	0.00	0.00
013-5-1320-5353 Special Department Expen	0.00	0.00	0.00	0.00	0.00
013-5-1320-5360 Sludge Removal	4,500.00	0.00	0.00	0.00	4,500.00
TOTAL SEWER COLLECTION	176,151.00	0.00	17,060.60	9.69	159,090.40
TOTAL EXPENDITURES	2,000,680.00	135,164.87	1,155,932.37	57.78	844,747.63



ATTACHMENT

P Street Lift Station Rehabilitation Engineering Design and Construction Administration

The P street sewer lift/pumping station was built around 1959. It is a multi-level building consisting of one ground story and two sub stories. Originally the ground level housed the motor control center; the lower stories contained the shut off valves, the check valves, and pumps.

The station was originally designed with an influent flow channel to measure influent flow in the tank itself. The shut off valves were located on the second underground level, and the three sewer pumps were located in the bottom level of the building. The valves being located in the building allows for a buildup of sewer gas, which is corrosive and is damaging the electronics of the station, located on the ground floor. In addition, because the valves are located below the ground level building, it is considered a confined space and thus requires special training and equipment to service.

The City interviewed a former city staff member and was told that sometime in the 80's the sewer pumps were moved into the tank itself and the motors to drive the pumps were located on the frame above the tank. Since 1990, the pumps had been changed to a submersible type pump, but remained in the tank and the numbers of pumps were reduced to two. Moving the pumps into the tank has made servicing and cleaning the tank problematic because of the reduction of working room.

Presently the amount of flow entering the tank only allows for approximately 20 minutes plus or minus a few minutes, depending of time of year. Basically, if the station stopes pumping, staff members have a very small window to address the problem before sewage starts backing up in the system. A backup can cause an overflow of untreated sewage into the community.

The City's contractual City engineer determined that the best course of action is to rehabilitate the lift station to allow a more reasonable hold time to avoid possible overflow. The station needs to a larger tank built next to the current tank. The tank will need to be equipped with three sewer pumps, two 20hp that are currently in use and one 10hp pump which will utilized in the summer months to allow for a more stable flow the sewer treatment facility, as well as to save power cost and offer triple redundancy pumping capacity. The shutoff valves and back flow valves will need to be moved to a vault outside of the building to allow for servicing access. Also, the generator is several decades old and will need to up dated as well.

The initial estimated cost rehabilitating the lift station is approximated \$900,000.

6/6/14

The objective of the Live Oak Municipal Well Project is to provide for the construction and installation of new wells at a previously chosen site, and the installation of necessary water treatment facilities and their connection to the City's current water system. After reviewing the current water system production and treatment rates, we believe we will need two wells to supply the necessary gallons per minute, however this will be fully evaluated with our in-progress CDBG Well Site study.

In 2009, the City of Live Oak was forced to take Well #5 out of service due to elevated Nitrate and Arsenic levels. The City planned on installing a treatment system to bring the well into compliance, however it was determined that due to the age of the well and need for additional repairs, it was not feasible to repair and upgrade the well and it was taken out of service. Also in 2009, the City completed its Water Master Plan which identified inadequate supply to meet our maximum day demand, attributable directly to the loss of Well #5. The Water Master Plan identified a deficit of 1,220 gpm in maximum day demand, as well as a 1,435 gpm deficit in maximum day demand plus fire flows.

This Spring, we lowered Wells 1A and 2A due to dropping ground water levels. Well 1A was found to have the water level within only a few feet of the top of the pump and had to be immediately lowered. Well 2A then had to be lowered to match because of its close proximity to Well 1A to avoid the potential for cavitation.

Currently the City has obtained CDBG funding to prepare a planning study, to determine suitable locations for new wells and treatment facilities. This study will begin in July of this year and should be completed by September. Additionally, the City has applied for Interim Emergency Drinking Water Funding to drill up to 6 test wells to pinpoint suitable locations for new wells. We anticipate award notification of this additional funding this summer as well.

The project scope consists of designing the well and treatment facilities along with their connection to the existing water supply system, and then their construction. Land acquisition may be required, and would be a part of this project as well. Included in the project construction will be all necessary utilities and appurtenances to transform a vacant property into a Municipal water well and treatment facility, and its connection to the existing City utility systems.

The objective of this project is to increase the current water production capacity of the City to acceptable minimum levels during both drought and non-drought conditions. We have been unable to supply the required maximum day demands since 2009, and the ongoing drought conditions and dropping water levels have added to our problems. Installing new wells and water treatment is the only way to correct the supply problems we are facing.

The City of Live Oak Municipal Well project will begin with the purchase of the well site, if it is not already City owned. This well site will have been determined in late 2014 after a CDBG Planning and Technical Assistance Study is completed, and after test wells have been drilled to determine the most suitable location. Once the site is purchased, the City will utilize our consulting Engineers to provide a project design, and plans and specs for bids. We anticipate

6/6/14

having the design completed, and the project out to bid in early spring 2015, and under construction by late spring 2015.

After bids are received, the contractor will proceed with the project to include drilling of wells to provide the required additional water flows, which may include more than one well. Also included will be the necessary water treatment facilities, including Arsenic removal and Nitrate treatment as necessary. A small office/lab building will be constructed on site as well. All new well and treatment facilities will be connected to the existing City water system, which may require some upgrades to the City mains to accept the new well and treatment equipment. The site will be fenced as necessary for security. Additional utilities including electricity, phone, and sewer will be installed to complete the new well and water treatment site.