TULARE MOSQUITO ABATEMENT DISTRICT 2020 ANNUAL REPORT

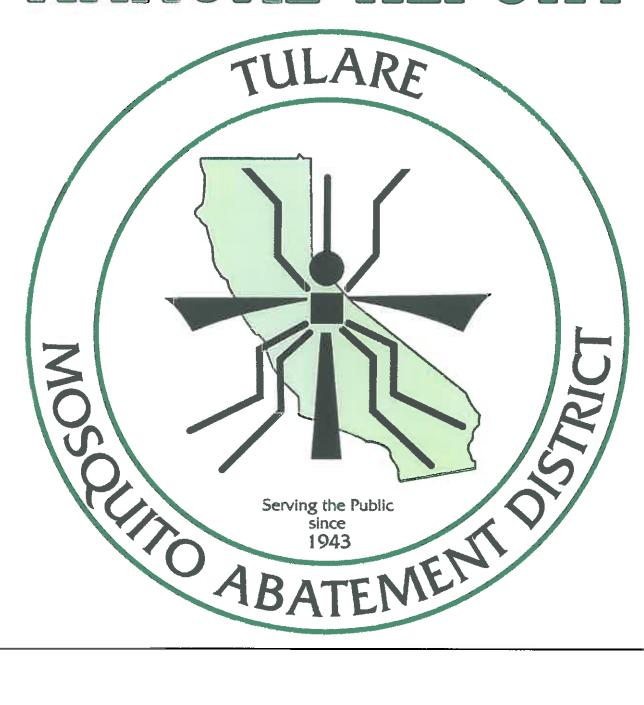


Table of Contents

	Page
District Personnel - Board of Trustees & Employees	2
Revenue	3
Expenditures	4 - 9
Summary of Expenditures	10
Vehicle Maintenance & Operational cost	11
Acres Air Sprayed	12
Service Requests	13
Chemical Usage Report	14
Surveillance / Trapping / Virus Information	15
2019-2020 Audit Report	16-18

TULARE MOSQUITO ABATEMENT DISTRICT

DISTRICT PERSONNEL 2020 BOARD OF TRUSTEES

Board Member	Office	Appointed by	Date Appointed	Term Expires
Charlie Pitigliano	President	County of Tulare	01/03/95	01/01/21
Robert Clark	Vice President	County of Tulare	06/28/94	01/01/21
Pat Nunes	Secretary	City of Tulare	12/05/06	08/05/22
Stan Creelman		County of Tulare	01/09/14	01/03/22
Robert Uchita		County of Tulare	01/31/12	01/01/21
Charles Mayer		City of Visalia	11/05/18	06/30/22
	D	ISTRICT EMPLOY	EES	
NAME	POSITION		DATE EMPLOYED	
Full Time Employees	•			
John Avila	General Manager		04/15/95	
Michelle Dempsey	Operations Directo	r	04/01/17	
Andrew Conard	Field Technician		05/16/13	
Sheryl Laskie	Secretary		01/09/20	
Quirino Valencia	Mechanic/Tech		07/01/13	
Armando Gonzalez	Field Technician		06/01/15	
Seasonal Employees		Original Hire Date	2019 Season	
Jesse Carver	Seasonal Tech	05/07/13	05/01/20 to 10/09/20	
Victor Zamora	Seasonal Fld.Tech	05/05/15	05/01/20 to 10/09/20	
David Servi	Seasonal Tech	4/15/2019	05/01/20 to 10/09/20	
Rene Rodriguez	Surveillance Tech	7/31/2017	05/01/20 to 10/09/20	
John Coleman	Surveillance Tech	4/9/2019	05/01/20 to 10/09/20	
Jay Summers	Surveillance Tech	4/8/2019	05/01/20 to 07/17/20	
Emilee Flaming	Surveillance Tech	7/28/2020	07/28/20 to 10/15/20	
Quirino Valencia III	Surveillance The	5/1/2020	05/01/20 to 10/09/20	

2020 REVENUE

Primary Revenue (Tulare County Account #778)

TOTAL REVENUE

88,562.74 24,774.06 1,374.76 26,241.52 5,086.28 0.01 84,248.00 29,348.00 150,891.04 174.48 11,408.51	
	1,863,149.96
78.56 471.00 6,035.00 631.68 455.78	7,672.02
	24,774.06 1,374.76 26,241.52 5,086.28 0.01 84,248.00 29,348.00 150,891.04 174.48 11,408.51 78.56 471.00 6,035.00 631.68

1,870,821.98

EXPENDITURES

SALARIES & EMPLOYEE BENEFITS (6000)

Salaries & Wages (6001)	414,343.54
Extra Help (6005)	125,351.05
Director's Fees (6008)	6,400.00
Social Security (6012)	33,255.87
*Retirement - SD Portion (6011)	39,330.13
Disability Insurance (6004)	5,397.10
Health Insurance (6004)	173,194.69
Unemployment Insurance (6004)	5,959.81
Life Insurance (6004)	1,398.18
Worker's Compensation Ins. SDRMA (6015)	23,234.70

TOTAL SALARIES & EMPLOYEE BENEFITS

827,865.07

SERVICES & SUPPLIES (7000)

Agriculture (7001)	0.700.04
Altosid WSP (storm drain treatments)	6,702.84
Aqua Duet (mosquito adulticide)	4,287.07
Barrier Treatment Material	1,300.03
Biomist 4+12 (mosquito adulticide)	531.94
BVA (mosquito larvicide oil)	3,399.52
Cocobear (mosquito larvicide)	5,325.30
Natular G30 (mosquito larvicide)	5,510.75
Teknar SC (mosquito larvicide)	60,305.34
SumiLarv (mosquito larvicide)	2,305.45
Vectolex WDG (wide-area larvicide)	21,411.85
Airsprays (Goodlin Dusters)	500.00
Aerial Survey (green pool surveillance)	2,650.00
Chicken program (purchase, supplies, feed)	1,299.45
Flyers for Aegypti (N&R Publications)	4,982.83
Frontier/ESRI (sentinel maintenance fees)	1,765.00
Misc. field supplies	1,914.87
Streamline - Website	2,400.00
Surveillance (testing, traps, dry ice, misc)	6,604.37
Verizon (communication radios)	722.00
Verizon (GPS Tracking System)	3,759.83
Yosemite Linen	4,456.46
	•

142,134.90

Telecommunications (7005)

 AT&T (faxline)
 127.20

 Verizon (office phones)
 1,150.14

1,277.34

Household Expense (7009)

Ice Machine Maintenance603.09Bottled water - Culligan348.75Miscellaneous household1,085.36

2,037.20

Insurance (7010)

Coverage and cost of Insurance with current carrier Special Districts Risk Management Association (SDRMA)

Anniversary date of Policy 07/01/21

Type of Coverage	Deductible	Limits		Cost of Coverage
Property property boiler & machinery pollution cyber	1000	Per Occurrence	1,000,000,000 100,000,000 2,000,000 limits on file	oovolugo
Mobile Equipment mobile/contractors equipment		Per Occurrence	1,000,000,000	
General Liability bodily injury property damage public officials personal employment benefits employee/public officials errors and omissions employment practices liability employee/public officials dishonesty	None	Per Occurrence	5,000,000 5,000,000 500,000 5,000,000 5,000,000	
Auto Liability auto bodily injury auto property damage uninsured motorist	None		5,000,000 5,000,000 limits on file	
Auto Physical Damage comprehensive collision high dollar vehicles	1000 500	Per Occurrence	limits on file limits on file limits on file	
Trailer	None	Per Occurrence	limits on file	
Worker's Compensation Employees Liability Coverage workers' compensation	None None	Per Occurrence	5,000,000 Statutory_	48,997.24
Additional Vehicle Insurance Truck #11 added to fl Deductible for damage done by staff to another vehicle				434.28 1,000.00
			=	50,431.52

Maintenance of Equipment (7021)

Mainten	Vehicle Fuel Vehicle Maintenance Shop supplies Maintenance of Equipment Vehicle spray system replacement parts Fire Extinguisher service Waste disposal - wash rack (Safety Kleen) ance of Buildings & Improvements (7024)	22,551.58 11,880.39 468.06 4,560.90 4,820.94 90.00 897.99	45,269.86
	Giottos Alarm annual fee & repairs A/C service, replacement Office Remodel - Rough, Concrete. Etc	456.00 200.82 5,445.04	
			6,101.86
Member	rships (7027)		
	MVCAC Annual Corporate Dues AMCA - John & Michelle Individual Membership CSDA - Membership SOVE - Membership	9,500.00 290.00 4,679.00 140.00	
Office E	xpense (7036)		14,609.00
	Quick Books Subscription & Checks Office supplies and postage Office Copier service contract & maintenance Positive Pay- Union Bank Business Printing (CVBF) Union Bank fees for Direct Deposit and Wire Internet access - Unwired Broadband	949.95 3,717.55 1,485.81 678.75 775.69 201.25 1,631.64	

9,440.64

Professional & Specialized Expense (7043)

Legal services Audit FY 19/20 GASB 68 (PERS)	11,380.00 7,500.00 700.00	
		19,580.00
Rent & Leases - Bldg. & Improvements (7062)		
Land rent (City of Tulare)	9,288.00	
		9,288.00
Small Tools & Instruments (7065)		
	379.11	
		379.11
District Special Expense (7066)		
Vehicle Door Sign (For WALS Treatments) Lunch for Ethics Training Meals for employee training DMV (Quad Registration) US & CA Flags & attachments CA Department of Health License Renewals Educational Workshops and Webinars State Examination (Seasonal Employee)	108.25 63.87 107.85 52.00 107.85 1,184.00 1,260.91 124.00	

Transportation & Travel (Lodging/Meals) (7074)

MVCAC Legislative Days meals	(Sacto)	111.96
MVCAC Legislative Days lodging	(Sacto)	340.89
MVCAC Conference meals	San Diego	188.23
MVCAC Conference lodging	San Diego	1.306.28

1,947.36

Utilities (7081)

Electrical service-hanger & office complex	3,262.88
Gas service-hanger & office complex	496.67
City Water & Refuse pickup	1,714.37

5,473.92

FIXED ASSETS (8000 - 8300)

New Equipment (8300)

2020 1 Ton Replacement Chevy Truck	32,829.41
A-1 Applicator for WALS treatments	17,397.32
2021 3/4 Ton Replacement Chevy Truck	30,788.65
2021 1/2 Ton additional Chevy Truck	26,862.42
Frontier Precision Software & Licensing	11,873.22
Tablets for Conversion to new system	7,822.20

127,573.22

TOTAL SERVICES & SUPPLIES

438,552.66

SUMMARY OF EXPENDITURES

SALARIES & EMPLOYEE BENEFITS (6000)		827,865.07
SERVICES & SUPPLIES (7000)		
Agriculture (7001)	142,134.90	
Telecommunications (7005)	1,277.34	
Household expense (7009)	2,037.20	
Insurance (7010)	50,431.52	
Maintenance of Equipment (7021)	45,269.86	
Maintenance of Buildings & Improvements(7024)	6,101.86	
Memberships (7027)	14,609.00	
Office Expense (7036)	9,440.64	
Professional & Specialized Expense (7043)	19,580.00	
Rent & Leases Bldg. & Improvements (7062)	9,288.00	
Small Tools & Instruments (7065)	379.11	
District Special Expense (7066)	3,008.73	
Transportation & Travel (7074)	1,947.36	
Utilities(7081)	5,473.92	
Fixed Assets (8300)	127,573.22	

438,552.66

\$ 1,266,417.73 **TOTAL EXPENDITURES**

VEHICLE MAINTENANCE

&

OPERATIONAL COST

2020

Vehicle	Year	Repair cost	Miles Driven	Cost per	Total Miles
#		parts	2020	Mile	on Vehicle
1	2006 Chevy 1/2 Ton	79.74	2,199	0.0017	45,696
2	2015 Chevy 1/2 Ton	191.61	9,473	0.0025	77,866
3	2018 Chevy ClubCab	-	4,140	0.0000	19,082
4	2010 Chevy 1/2 Ton	418.82	7,342	0.0046	90,157
5	2013 Chevy 1/2 Ton	868.70	9,039	0.0128	67,791
6	2006 Jeep Wrangler	878.83	4,935	0.0172	51,099
7	2013 Chevy 3/4 Ton	290.67	8,077	0.0027	108,771
8	2018 Chevy 1/2 Ton	130.00	8,020	0.0046	28,204
9	2006 Chevy 1/2 Ton	343.44	2,951	0.0048	71,631
10	2008 Chevy 1 Ton	31.75	517	0.0004	79,872
11	2006 Chevy 1 Ton	31.75	8,819	0.0036	8,819
12	2006 Chevy 1 Ton	220.33	5,002	0.0027	82,302
13	2006 Chevy 1/2 Ton	231.95			
14	2009 Chevy 1 Ton	49.74	4,494	0.0008	63,207
17	2019 Chevy Ext Cab		4,079	0.0000	10,977
otal Part	s & Repair	3,767.33	Gallons of	gasoline	8,227
Sasoline		22,551.58	Total miles	driven	79,087
nsurance	1	21,068.05	Avg. Miles	per gallon	9.6
otal Ope	erational Cost	47,386.96	Average co	st per mile	0.60

ACRES AIR SPRAYED

2013 - 2020

Year	2020	20 19	2018	2017	2016	2015	2014	2013
JAN	0	0	0	0	0	0	0	0
FEB	0	0	0	0	0	0	0	0
MAR	0	0	0	393	10	0	0	0
APR	10	32	0	290	310	0	0	0
MAY	0	57	200	190	4	0	34	10
JUN	0	0	0	265	23	0	54	10
JUL	0	0	0	0	1875	1200	2751	3
AUG	0	0	0	15	1226	2622	3766	258
SEP	0	0	0	10	952	2414	2027	4116
OCT	0	0	0	0	0	3	15	1836
NOV	0	0	0	0	0	0	4	0
DEC	0	0	0	0	0	0	0	0
Total	10	89	200	1,163	4,400	6,239	8,651	6,232

SERVICE REQUESTS

2013 - 2020

Year	2020	2019	2018	2017	2016	2015	2014	2013
JAN	0	1	0	0	1	1	0	0
FEB	1	1	1	1	4	9	1	0
MAR	3	5	2	12	10	9	4	6
APR	20	20	5	12	8	19	3	3
MAY	32	12	4	12	13	6	8	7
JUN	140	39	6	12	6	10	6	8
JUL	200	154	15	13	8	3	13	13
AUG	212	145	23	41	17	1	19	10
SEPT	135	108	25	44	5	12	11	8
ОСТ	69	32	29	8	9	11	8	2
NOV	10	8	7	2	4	2	0	1
DEC	1	4	0	2	2	0	1	0
TOTALS	823	529	117	159	87	83	74	58

					j															
2020	AGNIQUE	AGNIQUE ALTOSID	AQUA	AQUABAC BIOMIST	BIOMIST	ВТІ	BVA 2	CO.BEAR	KONTROL	NATUL AR	NATIII AR	NATULAR NATULAR NATULAR NATULAR SALUTAN	NATII ADI	INDON	Calboroton					
		WSP	DUET	POWDER	4+12	TEKNAR	6	ē	ē	250	ż	VI 05-0	N 1010	THOUSE THE	Spineratax		Sumilary	SUSPEND	sumilary SUSPENDIVECTOBACIVECTOBAC	/ECTOBAC
FEB				11							5	020	NY.	270	200	SPH WSP	0.5G	သူ	WDG	12AS
MAR		14.570							40.245							32 650				
APR	0.096	68.370				0.046			145.823				0.270		120 000	00000				1 067
MAY	0.402	75.260				194.809			439.382	7	0.015	80.000	1.230				92.4	0 210		1007
JUN	1.435	80.610	10.000			383.631		51.615	243.966		0.042		0.350	1.569				0.280		247.61
າດເ	0.799	94.700			0.031	425.381		8.300	467.359	0.023	0.03	285.054	1.144	1.040				0 805	169 000	
AUG	0.550	79.755			0.002	398.921			462.769	0.063	0.054	75.003	1.144	2006			0 300	0.356	150 000	
SEP	0.513	96.150		3.570	0.047	418.975	32.979	48.055	430.373	0,031	0.030		0.260	1 877			0.270	0 328	150000	
ОСТ	0.236	57.230			0.244	222.900	226.410	91.060	4.313		0.024			3.750			2	0.020	75,000	
NOV						59.433	55.303				0.003								2000	
DEC										8										
TOTALS:	4.031	566.645	10.000	3.570	0.324	2104.096	314.692	199.030	0.324 2104.096 314.692 199.030 2234.230	0.117	0.196	440.057	4.398	17.263	120.000	32.650	92 970	2 080	543 000	24 443
1			AC	RES TRE	EATED V	ACRES TREATED VS PAST 10 YEARS) YEARS				4		1		-		21212	200:-	2000	71.17
14																				

CHEMICAL PRICE LIST
Price per Gallon/Per Pound (#)

17,852

2010

2011 12,257 6,089 18,346

22,934 6,232 29,166

20,449

2015 23,416 6,239 29,655

2016 18,938 4,400 23,338

29,352 1,163 30,516

2018 18,326 200 18,526

20,000.00

2020

GROUND

11,751

2012

4,807

29,100

17,772 20,089.00

AIR

Attosid AguaBac Primary Powder Agua Buet BIOMIST 44-12 BVA 2 Laryfcide Oil Cocobear Mosourto Laryfcide Oil		29.9 07
rimary Powder +12 ricide Oil Mosouito Larvicide Oil		27.3.6
+12 ricide Oil Mosquito Larvicide Oil		45.47 #
Larvicide Oil		285.80
Larvicide Off		106.40
	55 gallon drums	9.15
		19.36
DeltaGard (deltamethrin) \$1.5	\$1.52/oz	209.83
Duet (Oil-Based) ULV \$1.8	\$1.86/oz	238.80
Four Star SBG		2.79#
Kontrol Oil Bulk	Bulk Price	8.45
Natular DT Tablets each.	h.	0.53
Natular G 5#/a	5#/acre = 30.65/ac	6.13#
Natular G30 5#/a	5#/acre = 86.00/ac	17.22#
Natular 2EC \$ 8.8	\$ 8.83/ounce - \$17.66/acre	1,130.00
One Guard 2.66	2.66/Oz	340.00
Pyrocide 525		104.46
Spheratax SPH 50 Granular		5.79#
Spheratax 50 WSP022	022# per pouch	43.06
Sumilary		21.00#
Suspend SC \$2.3	\$2.35/oz	325.00
Teknar SC Per	Per Tote	38.07
Teknar SC Per	Per 2 1/2 gallon	49.90
	7-8 oz./acre	42.82#
	Per 2 1/2 gallon	49.64
Vectobac (G)ranules 40#	40# Bags	2.08 #

Surveillance Trapping 2020

MONTH	# TRAPS	POOLS SUBMITTED	WNV + POOLS	SLEV+ POOLS	LOCATIONS OF POSITIVE POOLS
APRIL					Due to covid no traps were set, only inspections
MAY	123	0	0	0	
JUN	264	110	4	0	Tulare (4)
JUL	315	30	2	0	Tulare (2)
AUG	281	50	16	0	Pixley (1) Plainview (1) South Visalia(2) Tipton (2) Tulare (10)
SEP	251	46	12	5	Pixley (1) South Visalia (3) Tulare (9)(4)
ОСТ	65	3	0	0	
NOV					
DEC			40 - 11		
Totals	1299	239	34	5	

TRAPS

	Gravid	CO2	BG	Ovi	In 2 Care	Total Traps	Y.T.D.
April				20		20	20
May	123	21	4	20		168	188
June	2 64	23	5	30		322	510
July	3 15	16	9	40		380	890
August	281	20	13	40		354	1244
September	251	18	22	40		331	1575
October	65		3	20		88	1663
November				20		20	1683
December				20		20	1703
	1299	98	56	250	0	1703	

VIRUS

	WNV +	Human WNV+	SLEV+	Zika +
April				
May				
June	4			
July	2			
August	16			
September	12		5	
October				
November				
December				
	34	0	5	0

Tulare Mosquito Abatement District

Management's Discussion and Analysis Fiscal Year Ended June 30, 2020

2019-2020 AUDIT REPORT

Management's Discussion and Analysis

The Tulare Mosquito Abatement District was established in 1943 to provide mosquito control in the District. The District covers an area of 562 square miles in Tulare County. The District office and operations site is located at 6575 Dale Fry Dr., Tulare, CA. This discussion of the Tulare Mosquito Abatement District's financial performance provides an overview of the District's financial activities for the fiscal year ended June 30, 2020. Please read it in conjunction with the basic financial statements and the accompanying notes to the financial statements.

As a public operation, the District receives an allocation of property tax revenue from Tulare County. The District received \$1,623,919 in the current fiscal year in property tax allocations.

Discussion of the basic financial statements:

Government Wide Statements

The government wide statements present the financial picture of the District as measured by its total economic resources using the accrual basis of accounting. This is similar to that used by private sector companies. These statements provide both short term and long term information about the District's financial status as a whole. The statement of net position and statement of activities include all the assets of the District (including its infrastructure), deferred outflows of resources, all liabilities (including any long-term debt), and deferred inflows of resources. All of the current year's revenue and expenses are accounted for in the statement of activity regardless of when cash is received or paid.

The government wide statements report the District's net position and how they have changed. Net position, the difference between the District's assets and deferred outflows of resources, and liabilities and deferred inflows of resources, are one way to measure the District's financial health or position. Over time, increase or decrease in the District's net position are indicators of whether its financial position is improving or deteriorating. To further assess the overall health of the District, one needs to consider additional non-financial factors such as changes in the Districts population, the ability to adjust service charges and the impact of changes in laws and regulations that may apply to the District.

The government wide financial statements in these financial statements include only governmental type activities.

Fund Financial Statements

The fund financial statements present the financial picture of the District in more detail than the government wide statements by describing the individual parts or funds. Funds are used to keep track of specific sources of funding and spending on particular programs. Some funds are required by State law and the District itself may establish other funds to control and manage assets for particular purposes at its discretion.

The District has only one fund type known as a governmental fund. Governmental fund types are presented on the modified accrual basis of accounting and a current resources focus. Assets expected to be used up, deferred outflows of resources and deferred inflows of resources in existence, and liabilities that come due during the year or soon thereafter are reflected. Capital assets acquisitions are treated as expenditures. Revenues for which cash is received during the year or soon thereafter are included. Expenditures for goods and services that have been received and for which payment is due during the year or soon thereafter are included.

The statements are presented using a *combination approach*, reflecting both the fund financial statements and the government-wide statements. The adjustments reconciling the different methods are disclosed in the notes to the financial statements.

Condensed budget comparison (Continued):

The District received more property tax revenue than anticipated. Expenditures were substantially less than budgeted for, especially in repairs and maintenance costs and chemical purchases.

The District's planned budget for the next fiscal year of operations is very conservative regarding anticipated revenue from property tax and miscellaneous sources of income. In addition, anticipated carryover from the previous budget is very conservative. In turn, the anticipated spending for the next fiscal year budget included high anticipated costs in all categories of the budget. This is done to assure operations will not have a shortfall in any category. We feel the nature of our operations is unpredictable enough to warrant this approach to our budget process.

Management comments on the investment of District funds:

The responsibility for the accounting and investment of District funds resides with the Board of Directors. The Board is limited in its investment choices. Currently the District keeps its excess funds with the County of Tulare. These funds are managed by the County to achieve an adequate return with minimal risk.

Management comments on capital assets and long term-debt:

The District's capital assets consist of buildings and equipment. The buildings include the District office and miscellaneous other service structures. The District has various types of equipment to provide mosquito abatement services, including ground spray vehicles and a Piper Pawnee 235 aircraft for aerial application.

Overall analysis

The District is in a healthy financial condition. Our cash carryover has increased this year as well as in the past several years. Growth of the tax base in our District has given the District additional revenue despite changes in the allocations of revenue sharing for Special Districts at the County level.

John Avila, Manager

Tulare Mosquito Abatement District

Statement of Governmental Fund Revenues, Expenditures, and Changes in Fund Net Position / Statement of Activities
For the Year Ended June 30, 2020

REVENUES	Genera Fund	Adjust			atement of Activities
Property taxes, including penalties and interest	\$ 1,623 <i>,</i>	919 \$	0		1 600 040
Other		474 	0 0	\$ 	1,623,919 1,474
Total revenues	1,625,	393	0		1,625,393
EXPENSES					
Salaries, employee benefits and payroll taxes	780,	545 (7	9,975)		700,570
Pension expense	•	*	5,622		95,622
OPEB expense			6,023		136,023
Agricultura!	215,5		0		215,528
Telecommunications		515	Ō		1,515
Household expense		33	Ō		2,033
Supplies	_,-	0	0		2,033
Insurance	34,8	14	0		34,814
Repairs and maintenance, equipment	45,0		0		45,045
Repairs and maintenance, structures		56	0		456
Memberships	4,8		0		4,850
Office supplies	9,7		0		9,726
Professional fees	19,5		Ö		19,511
Rent	9,9		Ö		9,949
District special expense	4,4		0		4,417
Utilities	4,1		0		*
Travel	4,1		0		4,171
Other	37,7		0		4,175
Capital outlay	46,79		,795)		37,779
Gain on sale of equipment	(6,0:	\ · -	0		(6 03E)
Depreciation	(0,0.	•	,312		(6,035)
Total expenses	1,215,27		,312 ,187	1	27,312 ,347,461
Operating income	410,11		,187)		277,932
ION-OPERATING REVENUE AND EXPENSES					277,932
Use of money - interest	157,65	1	0		157,651
Grant income	•	0	ō		0
Pension income		0	0		0
Total non-operating revenue and expenses	157,65	1	0 _		157,651
XCESS OF REVENUES OVER EXPENSES	567,77	0 (567,	770)		0
Change in net position		0 45-			
Fund balances / Net position, beginning of year	6,385,75	0 435, 0 \$	583 <u> 0 </u>		435,583 111,114
Fund balances / Net position, end of year	\$ 6,953,52	<u>\$</u>	0 \$	5,	546,697