

SUMMARY OF EXPENDITURES - Year 1911
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Job 1101 Expense of various conferences 1910-11 - - - -	500.00
Job 1102 Employment & Report of T.S.VanDyke Const Engr. January & February - - - - -	400.00
Job 1103 Office & Managers expenses - 12 months - - - -	2400.00
Job 1104 J.G.White & Co. report April - - - - -	1500.00
Posts Assistants - - - - -	261.05
Job 1105 Consulting Engineers - - - - -	1500.00
Job 1106 Consulting Engineers - - - - -	1500.00
Job 1107 Post-preparation maps & Statistics - - - - -	99.26
Job 1108 Survey T. Lusardi Tunnel Preliminary(See F.B. NO. 8 & No. 9) - - - - -	
First Mile canal cross sections Survey Warners	949.72
Job 1109 Survey East & West side Power Canals - - - - -	751.43
Job 1110 Warner- Cut off wall - - - - -	6775.19
Job 1111 Construction Kitchen & Dining Shed Warners Dam	
Job 1112 Construction Gate Tender's House Warners Dam --	
Job 1114 Sutherland Reservoir Site Survey - - - - -	1500.00
Job 1113 Sunset Tel Line Connection Warners Dam - - - - -	435.79
Job 1115 Survey Pamo Conduit Location - - - - -	4651.97
Job 1116 Test Pits Pamo Damsite "B" - - - - -	7738.18
Job 1117 Purchase Alverson Maps & Field Bks - - - - -	500.00
Job 1118 Water Measurements-Sept, Oct, Nov & Decr - - - -	581.09
Job 1119 Surveys on Warners Ranch - - - - -	462.87
	<u>32506.55</u>

	500.00 ✓
	400.00 ✓
	2400.00 ✓
	1500.00 ✓
	261.05 ✓
	1500.00 ✓
	1500.00 ✓
	99.26 ✓
4	949.72 ✓
	751.43 ✓
	6775.19 ✓
	1500.00 ✓
	435.79 ✓
	3205.11 ✓
	1446.66 ✓
	1833.35 ✓
	5904.63 ✓
	500.00 ✓
	581.09 ✓
	462.87 ✓
	32466.55 *
	<u>4</u>
	32506.55

(1) Two Pages.
Summary of Expenditures Year 1911

Job 1101 - Expense of various conferences 1910-11 500.00

" 1102 - Employment + report of J. S. Van Dyke
 const. Engr - Jan + Feb 400.00

" 1103 - Office + Managers Expenses - 12 mths 2400.00

" 1104 - J. G. White + Co. report April
 posts assistants 1500.00
 261.05
 1761.50

" 1105 - Consulting Engineers 1500.00

" 1106 - Consulting Engineers 1500.00

" 1107 - Post - Preparation maps + statistics 99.26

" 1108 - Survey of Gemeseal Lusardi Tunnel
 Preliminary (See F. B. No. 8 + No. 9)
 1st mile canal cross sections Survey
 Warners Dam 949.72

" 1109 - Survey East + West side Lower Canals 751.43

" 1110 - Warner Cut off Wall 6775.19

" 1111 - Construction Kitchen + Dining Shed
 Warners Dam -----

" 1112 - Construction Gate Tender's House
 Warners Dam -----

Two Pages.

(2)

1911

Job 1114 - Sutherland Reservoir Site Survey - 1500.00

" 1113 - Sunset Tel Line connection
 Warners Dam 435.79

" 1115 - Survey - Pamo Conduit Location 3205.11
 " " " " 1446.86
 4651.97

" 1116 - Test Pits Pamo Dam site "B" - 1833.35
 " " " " " " - 5904.83
 7738.18

" 1117 - Purchase Alverson Maps + Field Bks - 500.00

" 1118 - Water Measurements -
 Sept. Oct, Nov + Dec 581.09

" 1119 - Surveys on Warners Ranch 462.87
 32466.55

SUMMARY OF EXPENDITURES - Year 1912
 =====

Job 1201 Engineering office Salaries & Expenses Aug. Sept, Oct. Nov & Dec - - - - -	132.70
Job 1202 Various Reconaisances Black Canyon Survey- -	3542.51
Job 1203 U.S. Right of Way for Warner-Pamo - - - - -	360.00
Job 1204 Riparian Rights San Luis Rey - - - - -	2749.35
Job 1205 Hydrography U.S.G.S. April 1912 - - - - -	2370.73
Job 1206 Water Rights San Luis Rey - - - - -	500.00
Job 1207 Warners Ranch - - - - -	1574.61
Job 1208 Construction Roads - - - - -	4.50

	11234. 40

132.70 ✓
 3542.51 ✓
 360.00 ✓
 2749.35 ✓
 2370.73 ✓
 500.00 ✓
 1,574.61 ✓
 4.50 ✓
 11,234.40 *

1912

(1)

One Page

Summary of Expenditures Year -1912-

Job 1201	- Engineering Office Salaries + Expenses Aug, Sept, Oct, Nov + Dec.	132.70
" 1202	- Various Reconaisances Black Canyon Survey	3542.51
" 1203	- U. S. Right of Way for Warner-Pamo	360.00
" 1204	- Riparian Rights - San Luis Rey	2749.35
" 1205	- Hydrography - U. S. G. S. April 1912	2370.73
" 1206	- Water Rights San Luis Rey	500.00
" 1207	- Warners Ranch	1574.61
" 1208	- Construction Roads	4.50
		<u>11234.40</u>

SUMMARY OF EXPENDITURES - Year 1913

Job 1301	Engineering office salaries & Expenses - - - -	1084.41
Job 1302	Riparian Rights on San Luis Rey - - - - -	934.12
Job 1303	Riparian Rights on Santa Ysabel - - - - -	785.95
Job 1304	Water Measurements - - - - -	4801.63
Job 1305	Warner's Ranch - - - - -	886.29
Job 1306	Warner Conduit Clearing R.ofW for Survey- - - -	254.49
Job 1307	Warner Conduit Excavation - - - - -	3753.72
Job 1308	Warners Dam - Outlet Tunnel East Portal - - - -	1278.38
Job 1309	Warner Dam-Outlet Tunnel West Portal - - - - -	935.34
Job 1310	Warner Dam - Outlet Tunnel Excavation - - - - -	6130.01
Job 1311	New Construction road - Co Highway up Lusardi Creek to Lusardi Temeseal Tunnel - - - - -	2755.25
Job 1312	Pamo Dam Site "B" Test Shafts - - - - -	2767.63
Job 1313	Pamo Dam Site "B" Core Drill Borings @ - - - - -	3070.51
Job 1314	Pamo Site "D" - - - - -	249.19
Job 1315	Ramona Conduit Clearing R. of W. - - - - -	132.89
Job 1316	Ramona Conduit-Preliminary Survey - - - - -	921.67
Job 1317	Black Canyon Conduit - - - - -Preliminary Survey	108.40
Job 1318	C. L. & H. T. Cory Report Aug & Sept - - - - -	867.17
Job 1319	Oceanside Water Project - - - - -	102.97
Job 1320	General Engineering for the year 1913 - - - - -	6714.84
		<u>38534.86</u>

1913

(1)

Three Pages

Summary of Expenditures Year - 1913

Job 1301	- Engineering office salaries + expenses	1084.41
" 1302	- Riparian Rights on San Luis Rey	934.12
" 1303	- Riparian Rights on Santa Ysabel	785.95
" 1304	- Water Measurements	4801.63
" 1305	- Warner's Ranch	886.29
" 1306	- Warner Conduit clearing P. of W. for Survey	254.49
" 1307	- Warner Conduit Excavation	3753.72
" 1308	- Warners Dam - Outlet Tunnel East Portal	1278.38

1,084.41 ✓
 934.12 ✓
 785.95 ✓
 4,801.63 ✓
 686.29 ✓
 254.49 ✓
 3,753.72 ✓
 1,278.38 ✓
 935.34 ✓
 6,130.01 ✓
 2,755.25 ✓
 2,767.65 ✓
 3,070.51 ✓
 242.19 ✓
 132.89 ✓
 921.67 ✓
 108.40 ✓
 867.17 ✓
 102.97 ✓
 6,714.84 ✓

38,554.86 *

(2)

Job 1309	- Warner Dam - Outlet Tunnel West Portal	935.34
" 1310	- Warner Dam - Outlet Tunnel Excavation	6130.01
" 1311	- New Construction Road - Co. Highway up Lusardi Creek to Lusardi Temescal Tunnel	2755.25
" 1312	- Ramona Dam Site "B" Test Shafts	2767.63
" 1313	- Ramona Dam Site "B" Core Drill	3070.51
" 1314	- Ramona Dam Site "D"	249.19
" 1315	- Ramona Conduit - Clearing R. of W.	132.89
" 1316	- Ramona Conduit - Preliminary Survey	921.67

(3)

Job 1317	- Black Canyon Conduit - Preliminary Survey	108.40
" 1318	- C. L. + H. J. Cory Report Aug + Sept	867.17
" 1319	- Oceanside Water Project	102.97
" 1320	- General Engineering for the year 1913	6714.84
		<hr/> 38534.86

SUMMARY OF EXPENDITURES - Year 1914
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Job 1401 Engineering office, Salaries & Expenses - - - - -	1495.67
Job 1402 Riparian Rights on San Luis Rey - - - - -	773.21
Job 1403 Riparian Rights on Santa Ysabel - - - - -	606.07
Job 1404 Water Measurements - - - - -	3269.02
Job 1405 Warner Ranch - - - - -	387.18
Job 1406 Carroll Reservoir-Easement from U.S.Government- -	770.40
Job 1407 Manager's Office - - - - -	199.57
Job 1408 Casualty Insurance - - - - -	916.79
Job 1409 Reports on water systems in San Diego - - - - -	1256.50
Job 1410 Harroun Report & Valuation - - - - -	6158.52
Job 1411 Wakeman-Piro Property Survey - - - - -	42.00
Job 1412 Oceanside Suit - - - - -	698.00
Job 1413 Offer of sale to City of San Diego - - - - -	1206.61
Job 1414 Carroll-University Pipe line Survey - - - - -	750.00
Job 1415 Report on Warner-Carroll Pumping supply to City of San Diego - - - - -	305.87
Job 1416 Survey of Miller Property - - - - -	56.00
Job 1417 Carroll Dam Design - - - - -	194.00
Job 1418 Pala Dam - First work on same - - - - -	60.25
Job 1419 Report on Bernardo - - - - -	30.00
Job 1420 Carroll Dam Site cross Section - - - - -	48.00
Job 1421 General Engineering Year 1914 - - - - -	1994.81
Job 1422 Warner Conduit Crossing Country Road - - - - -	317.74
Job 1423 Pamo Grade Reconstruction of Morse Construction Co	1339.86
Job 1424 Carroll Damsite Core Drill Borings - - - - -	1391.20
Job 1425 Carroll Dam Rebuilding & Extending Road - - - - -	252.52
Job 1426 Warner Division Maintenance of Rbads Year 1914- -	101.38

SUMMARY OF EXPENDITURES - Year 1914 (Continued=Page 2)
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Job 1427 Pamo Division Maintenance of Roads Year 1914 - - - - -	78.12
Job 1428 Warner Outlet Tunnel Concrete Lining - - - - -	-12611.55
	<u>32271.30</u>

1,495.67
 775.21
 606.07
 3,269.02
 587.18
 770.40
 199.57
 816.79
 100.00
 1,256.50
 6,158.52
 42.00
 698.00
 1,206.61
 750.66
 505.87
 36.00
 194.00
 60.25
 30.00
 48.00
 1,994.81
 317.74
 1,339.86
 1,591.20
 252.52
 101.38
 78.12
 12,611.35
 57,271.30 *

Summary of Expenditures Year 1914

Job 1401 - Engineering office Salaries + Expenses	1495.67
" 1402 - Riparian Rights on San Luis Key	773.21
" 1403 - Riparian Rights on Santa Ysabel	606.07
" 1404 - Water Measurements	3269.02
" 1405 - Warner Ranch	387.18
" 1406 - Carroll Reservoir - Easement from U. S. Government	770.40
" 1407 - Manager's Office	199.57
" 1408 - Casualty Insurance	916.79

(2)

Job 1409	- Reports on Water Systems in San Diego	1256.50
" 1410	- Harroun Report + valuation	6158.52
" 1411	- Wakeman - Viro Property Survey	42.00
" 1412	- Oceanside Suit	698.00
" 1413	- Offer of Sale to City of San Diego	1206.61
" 1414	- Carroll - University Pipe Line Survey	730.66
" 1415	- Report on Warner - Carroll Pumping Supply to City of San Diego	305.87
" 1416	- Survey of Miller Property	36.00

(3)

Job 1417	- Carroll Dam Design	194.00
" 1418	- Palau Dam - First work on same	60.25
" 1419	- Report on Bernardo	30.00
" 1420	- Carroll Dam Site Cross Section	48.00
" 1421	- General Engineering Year 1914	1994.81
" 1422	- Warner Conduit - Crossing Country Road	317.74
" 1423	- Same Grade Reconstruction of Morse Construction Co	1339.86
" 1424	- Carroll Dam Site Core Drill borings	1391.20

(4)

Job 1425	- Carroll Dam - rebuilding + extending Road	252.52
" 1426	- Warner Division Maintenance of Roads Year 1914	101.38
" 1427	- Pamo Division - Maintenance of Roads Year 1914	78.12
" 1428	- Warner Outlet Tunnel Concrete Lining	<u>12611.35</u> 37,271.80

SUMMARY OF EXPENDITURES - YEAR 1915

Job 1501	Construction Road - Concrete Bridge at Sutherland	\$ 5177.89
Job 1502	San Pasqual-Pamo Road, Reconstruction & Repairs	1504.75
Job 1503	Clearing & Excavation on Ramona Conduit - - - - -	216.92
Job 1504	Sutherland Reservoir - Engineer - - - - -	167.25
Job 1505	Warner Ranch - - - - -	944.58
Job 1506	Manager's Office - - - - -	100.04
Job 1507	Casualty Insurance - - - - -	1110.02
Job 1508	Engineering Office, Salaries & Expenses - - - - -	1691 . 53
Job 1509	Riparian Rights on San Luis Rey River - - - - -	603.37
Job 1510	Riparian Rights on Santa Ysabel River - - - - -	138.16
Job 1511	Water Measurements - - - - -	2452.86
Job 1512	Lippincott O'Shaughnessy Report - - - - -	1707.31
Job 1513	General Engineering - - - - -	855.54
Job 1514	Pamo Conduit - Clearing - - - - -	197.60
Job 1515	Warner outlet tunnel - 6" concrete drain - - - - -	516.72
Job 1516	Carroll Dam - Excav. and foundations - - - - -	4726.70
Job 1517	Carroll Reservoir - U.S. Right of Way - - - - -	20.00
Job 1518	Cost Keeping - - - - -	224.35
Job 1519	Report to W.G.Henshaw on West Tract Carroll Pump	60.00
Job 1520	Warner Outlet Tunnel-settling basin at W. Portal	6591.56
Job 1521	Maintenance of Pamo Camp - - - - -	234.23
Job 1522	Survey of Escondido Reservoir - - - - -	66.35
Job 1523	Inspection - General - - - - -	48.45
Job 1524	Data for Consulting Engineer Brown - - - - -	534.70
Job 1525	Gaging Stations - Joint with Escondido - - - - -	235.72
Job 1526	Data for Engineer Sellev - - - - -	50.00
Job 1527	New Plan "E" -Warner Escondido Route - - - - -	1216.11
Job 1528	Water District Plan - - - - -	49.50

SUMMARY OF EXPENDITURES - YEAR 1915 (Contd)

Job 1529 - Survey of Lockwood Mesa - - - - -	330.15
Job 1530 - Sutherland Dam - Excav for bed rock - - - - -	522.33
Job 1531 - Survey of lands at San Clemente Reservoir - - - - -	31.05
Job 1532 - Warner Conduit - - - - -	
	30125.54

SUMMARY OF EXPENDITURES - Year 1916
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Job 1601 Sutherland Dam - Construction Road - - - - -	130.05
Job 1602 Maintenance of San Pasqual Pamo and Ramona-Pamo Roads	1307.86
Job 1603	
Job 1604 Sutherland Reservoir Surveys - - - - -	10.00
Job 1605 Warner's Ranch - - - - -	927.91
Job 1607 Casualty Insurance - - - - -	585.52
Job 1608 Engineering Office- Salaries & Expenses- - - - -	3924.08
Job 1610 Riparian Rights on Santa Ysabel River - - - - -	43.89
Job 1611 Water Measurements - - - - -	4287.95
Job 1612	
Job 1613 General Engineering - - - - -	2253.14
Job 1614	
Job 1615	
Job 1616 Carroll Dam - Excavation for Foundations - - - - -	4107.16
Job 1617 Carroll Reservoir - U.S.Right of Way - - - - -	242.00
Job 1618	
Job 1619 Report to W. G. Henshaw on West Tract - - - - -	70.00
Job 1620 Warner Outlet Tunnel - Settling Basin - - - - -	2593.06
Job 1621 Maintenance of Pamo Camp - - - - -	1260.28
Job 1622	
Job 1623	
Job 1624 Data for Consulting Engineer, Brown - - - - -	68.37
Job 1625 Riparian Rights-Joint with Escondido - - - - -	4084.92
Job 1626 Data for Engineer Sellow - - - - -	140.00
Job 1627 New Plan E- Warner- Escondido Route - - - - -	12.46
Job 1628	
Job 1629 Survey of Lockwood Mesa - - - - -	172.40

SUMMARY OF EXPENDITURES - Year 1916 (Continued=Page 2)

Job 1630 Sutherland Dam-Excavation for Bed Rock - - - - -	1453.10
Job 1631 San Clemente Reservoir Survey - - - - -	149.25
Job 1632 Warner Conduit - - - - -	3191.53
Job 1633 Warner Dam - Brushing & Survey - - - - -	113.65
Job 1634 San Dieguito Ranch-Negotiations & Surveys- - - - -	1117.02
Job 1635 Underflow Tests near Bonsall - - - - -	3400.59
Job 1636 Survey of Warner Ranch - - - - -	1788.86
Job 1637 Santa Maria, Pamo & Warner Gage Towers - - - - -	2021.92
Job 1638 Sutherland Hydro Electric Development - - - - -	356.85
Job 1639 Foss Lake Water Plane Measurements - - - - -	277.56
Job 1640 Miscel Water Measurements-San Luis Rey River- - - - -	104.70
Job 1641 Experts-Joint with Escondido* - - - - -	445.66
Job 1642 Surveys for Land Leases - - - - -	12.15
Job 1643 Ed Fletcher Company - - - - -	3.25
Job 1644 Surveys at Carroll for Land Descriptions - - - - -	3377.95
Job 1645 Escondido Road District No. 3 - - - - -	130.70
Job 1646 Santa Maria Reservoir-Application to State Water Commission - - - - -	115.50
Job 1647 San Elijo Reservoirs Surveys etc - - - - -	150.32
Job 1648 Unsold Lots in Del Mar - - - - -	20.00
Job 1649 Lands and Rights of Way for Carroll Project- - - - -	186.84
Job 1650 Maintenance of Warner Roads & Buildings - - - - -	1225.75
Job 1651 Kellogg Reports - - - - -	93.10
Job 1652 Safe Yield Reports- - - - -	268.95
Job 1653 Data For Link - - - - -	27.70

SUMMARY OF EXPENDITURES - Year 1916 (Continued=Page 3)

Job 1654 Powder House at Warners - - - - -	76.07
Job 1655 Maintenance of Carroll Property - - - - -	412.79
Job 1656 Sutherland-Ramona Filing - - - - -	53.60
Job 1657 Legal Services - - - - -	880.00
	<u>\$47376.19</u>

4474 copies

VOLCAN LAND AND WATER COMPANY

ANALYSIS OF EXPENDITURES THROUGH ENGINEER'S OFFICE

From Jan. 1st, 1911 to June 1st, 1914.

VOLCAN LAND AND WATER COMPANY

ANALYSIS OF EXPENDITURES THROUGH ENGINEER'S OFFICE

from Jan. 1st, 1911 to June 1st, 1914.

REAL ESTATE SALARIES

Land surveys; record clerk;
salaries connected with ob-
taining rights of way and
riparian rights, \$ 2,156.35

REAL ESTATE EXPENSES

Connected with obtaining rights
of way and riparian rights, 317.97 \$ 2,474.32

WARNER'S CUTOFF WALL (May to Nov. 1911)

Excavation in stream bed -
5740 c.y. @ 67.6¢ 3,878.00
Concrete - 795 c.y. @ \$4.88 3,884.22
Pumping 4,741.26 12,503.48

GATE TENDER'S HOUSE (Aug. to Nov. 1911)

Frame house - 5 rooms and bath -
shingled on sides, 1,704.21

WARNER CONDUIT

Clearing (Previous to Dec. 1st, 1913)
consisting of clearing and grubbing
horse trail along conduit line
for 6 miles, 198.50

CLEARING AND GRUBBING (since Dec. 1, 1913)

Sta. 13+50 to 49+50
1.19 acres @ \$271.40 337.87

Earth Excavation, (Sta. 13+50 to 49+50)
4615 c.y. @ 47¢ 2,182.73
High cost due to frequent heavy
rains, small crew, close proximity
of county road.

Rock Excavation, 335 cu.yds. @ \$1.25, 419.15

Culverts, of placed stone, 132 lin.ft.
@ \$.156 20.60 3,158.85

WATER MEASUREMENTS

Salaries - hydrographers and engineers,	\$ 6,337.43	
Expenses - hydrographers and engineers,	2,438.49	
Supplies and equipment - automatic gages, horses and buggies, etc.,	<u>823.25</u>	\$ 9,599.17

WARNER'S OUTLET TUNNEL

East Portal Excavation - broken granite tightly compacted - 1867 cu. yds. @ \$.516	967.04	
West Portal Excavation - earth, gravel and boulders, 1767.3 cu. yds. @ \$.401	707.30	
Tunnel Excavation - in soft disintegrated granite - 6 ft. wide and 8½ ft. high, 1020.5 lin. ft. @ \$4.299	4,387.35	
Concrete Lining - none poured but preparations being made to do so. Forms, arch centers, lumber, etc.,	106.11	
Mixing and Placing - moving track preliminary to pouring concrete,	<u>16.54</u>	6,184.34

CONSTRUCTION ROADS

1½ miles in Lusardi Canyon (Apr. 1913)	2,263.08	
Repairs on Pamo Road,	10.00	
500 lin. ft. at Carroll Reservoir,	<u>62.30</u>	2,335.38

MACHINERY AND TOOLS

Warners Project

Plant cost,	\$2,113.29	
Plant freight,	167.20	
Plant labor,	319.60	
Plant maintenance and repairs,	<u>27.63</u>	2,627.72

Pamo

Plant cost,	1,382.44	
" freight,	73.60	
" labor,	34.00	
" removal,	<u>25.00</u>	1,515.04

Carroll

Plant cost,	29.24	
" freight,	<u>28.25</u>	57.49
		4,200.25

CAMPS

Warners

Pipe line to Iron Springs, 3900 lin.ft. 2" pipe, con- structed Oct.-Nov.1911,	\$350.70		
Telephone Line, 3.85 miles long, constructed Aug.to Oct., 1911,	453.27		
Tents, shacks, barns, etc.,	536.71		
Equipment, stoves, utensils, furniture, etc.,	830.19		
Maintenance and repairs,	<u>22.17</u>	\$2,193.04	

Pamo

Erection,	13.20		
Equipment,	121.68		
Maintenance,	<u>32.42</u>	167.30	

Carroll

Erection,	81.78		
Equipment,	<u>36.01</u>	<u>117.79</u>	\$ 2,478.13

BOARDING HOUSE LOSSES

Warners,		1,120.72	
Pamo,		772.27	
Carroll,		<u>18.18</u>	1,911.19

COMMISSARY ACCOUNT

Warners (Profit)		15.26	
PAMO		<u>20.08</u>	4.82

STORE ROOM (Supplies on hand)

Warners		904.84	
Pamo		5.19	
Carroll		<u>35.00</u>	945.03

SUPERINTENDENCE

<u>Warners</u>			
Salary,	950.00		
Expenses,	<u>407.22</u>	1,357.22	
<u>Pamo</u>			
Salary,	250.00		
Expenses,	<u>160.38</u>	<u>410.38</u>	1,767.60

COUNTY ROAD AND REPAIRS

Warners Project

Clearing .37 acres @ \$78.86-	\$29.18	
Earth Excavation - 511 cu.yds.		
@ \$.453	<u>221.40</u>	\$ 250.58

Pamo Project

Repairing Pamo grade in March, 1914,	<u>32.75</u>	\$ 283.33
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WARNERS STABLE ACCOUNT

Team, wagon, harness, (Only one team paid for to date)		795.13
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TEST PITS AT PAMO

Damsite B)	1,467.16	
" D) see drawings,	<u>188.64</u>	1,655.80

CORE DRILLING

Pamo - damsite B 636 lin. ft. in solid granite and disintegrated granite @ \$3.65,	2,321.03	
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Carroll damsite Preparations for drilling,	<u>36.48</u>	2,557.51
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PAMO CONDUIT CLEARING

Clearing trails along R. W.		149.58
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RAMONA CONDUIT

Clearing trails along R. W.		100.60
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BLACK CANYON CONDUITS

Surveys and clearing trails along R. W.		697.71
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WARNER'S RANCH

Surveys of ranch and roads)		
Flowing)		
Equipment)		
Cement)		
		4,222.35

CLEARING FLOWAGE AREA AT CARROLL RESERVOIR

In vicinity of dam,

\$ 28.75

ENGINEERING

Survey of Warner's conduit line
Jan. to May 1911 in 16 miles
of transit and level line.

Engineers' salaries, \$1404.80
Engineers' Expenses, 591.56

\$ 1,996.36

Survey of Pamo Reservoir,
March to Sept. 1911.

Salaries, 383.05
Expenses, 46.68

429.73

Surveys of Pamo Conduit,
Oct. 1911 to Feb. 1912, inc.,
about 40 miles of transit
and level lines run.

Salaries, 3964.07
Expenses, 892.11

4,856.18 7,282.27

ENGINEERING (in addition to above)

Equipment,
Salaries,
Expenses,
Supplies,

425.99
11,441.68
2,363.64

1,196.22 15,427.53

OFFICE

Equipment,
Salaries,
Expenses,
Supplies,

140.83
877.10
374.85
306.92

1,699.70

TAXES,

2.25

EMPLOYMENT AGENCY LOSS,

.75

HOSPITAL ACCOUNT LOSS,

10.00

RAILROAD AND STAGES LOSS,

15.25

COMPENSATION INSURANCE,

382.05

Grand Total,

\$ 84,577.51

PHYSICAL ITEM NOT DESCRIBED

IN THE FOREGOING ANALYSIS OF EXPENDITURES.

-000-

Road from Pamo Damsite to Clevinger

Creek - 2 $\frac{3}{4}$ miles - built in 1894 -

actual cost,

\$ 4,717.96

Ed Fletcher Papers

1870-1955

MSS.81

Box: 45 Folder: 15

**Business Records - Water Companies - Volcan Land
and Water Company - Yearly Expenditure Summaries**



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