

AGENDA ITEM # 9



Special Districts Department

Jeffrey O. Rigne
Director

RECEIVED

JUL 11 2016

BY: _____

June 27, 2016

SUBJECT: Proposed Road Maintenance Assessment for County Service Area 70, R-15, Landers

Dear R-15 Property Owner:

CSA 70, R-15, was established by an act of the County of San Bernardino Board of Supervisors on July 9, 1984 to maintain 163.54 miles of unpaved roads in the community of Landers. This road zone receives a \$20 per parcel service charge on 3,497 parcels to fund road grading and road maintenance services.

During the 32 years the District has been in place, there have been no increases in service fees/revenue yet costs to provide the expected baseline service have escalated drastically during that time. Efforts to increase revenues have been unsuccessful as well. Currently, the District is at a critical juncture. The Special Districts Department cannot allocate more resources than funding allows, so in the absence of a revenue increase, services have drastically declined, and will continue to do so until these services are no longer helpful toward maintaining the roads at a baseline level.

In response to the request of local residents interested in increasing revenues toward bringing funding levels in line with expected services, and from input provided at a recent public meeting, the Special Districts Department has developed the enclosed survey offering options toward different levels of service that will solve the long term needs of the District. Each includes an increase to the existing \$20 per parcel service charge with an applicable annual inflationary increase of 2.5%.

We hope you will review the survey, and respond (postage paid) by returning the card by the stated deadline. Your input will provide the data we need to determine if an increase will be pursued, and the corresponding fee and preferred level of service. If you have any questions regarding this issue, please feel free to contact Reese Troublefield, Operations Division Manager, at rtroublefield@sdd.sbcounty.gov.

Sincerely,

Reese Troublefield
Division Manager, Operations

BOARD OF SUPERVISORS

ROBERT A. LOVINGOOD
Vice Chairman, First District

JANICE RUTHERFORD
Second District

JAMES RAMOS
Chairman, Third District

CURT HAGMAN
Fourth District

JOSIE GONZALES
Fifth District

GREGORY C. DEVEREAUX
Chief Executive Officer

INVESTIGATION

Please select any or all of the "Yes" boxes you support, or the "No" box only:

- ☐ **Option 1 Yes.** I am in favor of increasing the current \$20 per parcel charge to an annual \$40 charge with a 2.5% annual inflationary increase. These funds will be used to maintain current service levels of 4 days per month, provide unscheduled grading as identified, and create a contingency fund for storm clean up. I understand this charge will appear on my property tax bill.
- ☐ **Option 2 Yes.** I am in favor of increasing the current \$20 per parcel charge to a \$75 annual charge with a 2.5% annual inflationary increase. These funds will be used to increase current grading service levels from 4 to 8 days per month, provide unscheduled grading as identified, and create a contingency fund for storm clean up. I understand this charge will appear on my property tax bill.
- ☐ **Option 3 Yes.** I am in favor of increasing the current \$20 per parcel charge to \$186 with a 2.5% inflationary increase. These funds will be used for the purchase and operation of road grader and full time grader operator as well as provide the services outlined in option two above. I understand this charge will appear on my property tax bill.
- ☐ **No.** I am not in favor of increasing the annual charge. I understand the annual \$20 per parcel charge will remain on my tax bill and that service levels will continue to diminish relative to cost increases.

If No why: _____

Dated _____

Print Name _____

Parcel No. _____

MAIL BY JULY 22, 2016

Address _____

Phone No. _____



Special Districts Department

Jeffrey O. Rigney
Director

RECEIVED

JUL 11 2016

June 27, 2016

SUBJECT: Proposed Road Maintenance Assessment for County Service Area 70, R-20, Flamingo Heights

Dear R-20 Property Owner:

CSA 70, R-20, FLAMINGO HEIGHTS was established by an act of the County of San Bernardino Board of Supervisors on April 7, 1986 to maintain 39.55 miles of unpaved roads. This road zone receives a \$15 per parcel, per year service charge on 762 parcels to fund road maintenance services.

During the 30 years the District has been in place, there have been no increases in service fees/revenue yet costs to provide the expected baseline service have drastically increased during that time. Efforts to increase revenues have been unsuccessful as well. The Special Districts Department cannot allocate more resources than funding allows, so in the absence of a revenue increase, service have drastically declined, and will continue to do so until these services are no longer helpful toward maintaining the roads at a baseline level.

In response to the request of local residents interested in increasing revenues toward bringing funding levels in line with costs, and input from a recent public meeting, the Special Districts Department has developed the enclosed survey offering options toward different levels of service that will solve the long term needs of the District. Each includes an increase to the existing \$15 per parcel service charge with an applicable annual inflationary factor of 2.5%.

We hope you will review the survey, and respond (postage paid) by returning the card by the stated deadline. Your input will provide the data we need to determine if an increase will be pursued, and the corresponding fee and preferred level of service. If you have any questions regarding this issue, please feel free to contact Reese Troublefield, Operations Division Manager, at rtroublefield@sdd.sbcounty.gov.

Sincerely,

Reese Troublefield
Division Manager, Operations

BOARD OF SUPERVISORS

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JAMES RAMOS
Chairman, Third District

CURT HAGMAN
Fourth District

JOSIE GONZALES
Fifth District

GREGORY C. DEVEREAUX
Chief Executive Officer

ROAD SERVICE OPTIONS FOR COUNTY SERVICE AREA 70, R20 FLAMINGO HEIGHTS

Please select one or both of the "Yes" boxes you support, or the "No" box only:

- ☐ **Option 1 Yes.** I am in favor of increasing the current \$15 per parcel charge to an annual \$21 charge with a 2.5% annual inflationary increase. These funds will be used to maintain current grading levels of 6 times per year, provide unscheduled grading as identified, and create a contingency fund for storm clean up. I understand this charge will appear on my property tax bill.
- ☐ **Option 2 Yes.** I am in favor of increasing the current \$15 per parcel charge to a \$27 annual charge with a 2.5% annual inflationary increase. These funds will be used to increase current grading service from 6 days per year to 12 days per year, provide unscheduled grading as identified, and create a contingency fund for storm clean up. I understand this charge will appear on my property tax bill.
- ☐ **No.** I am not in favor of increasing the annual charge. I understand the annual \$15 per parcel charge will remain on my tax bill and that service levels will continue to diminish relative to cost increases.

If No why: _____

Dated _____

Print Name _____

Parcel No. _____

MAIL BY JULY 22, 2016

Address _____

Phone No. _____

AGENDA ITEM # 10

General Ledger

Balance Sheet

User: mwest
Printed: 07/20/2016 - 8:11PM
Fund: All
Period: 11
Fiscal Year: 2016



May 2016 cust

Fund ALFRE

| Account Type | Amount |
|---|--------------|
| 01 - General Fund | |
| Assets | |
| CASH & CASH EQUIVALENTS | |
| 01-00-131200 - CASH UNION BANK OF CA | (480,879.68) |
| 01-00-131201 - UB RESTRICTED CASH ID GOAT MTN | 469,845.02 |
| 01-00-131202 - UB UNRESTRICTD CASH ID GOAT MT | 447,350.93 |
| 01-00-131250 - PACIFIC WESTERN BANK | 1,000,000.00 |
| 01-00-131300 - CASH DRAWERS BASE FUND | 1,000.00 |
| 01-00-134000 - PETTY CASH FUND | 800.00 |
| Total CASH & CASH EQUIVALENTS: | 1,438,116.27 |
| INVESTMENTS | |
| 01-00-133030 - LAIF UNENCUMBERED CASH FUND | 94,127.99 |
| 01-00-133060 - LAIF-BASIC FACILITIES CHGS | 39,392.00 |
| 01-00-133070 - LAIF-CUSTOMER DEPOSITS | 70,000.00 |
| 01-00-133090 - LAIF EMERGENCY CONTINGENCIES | 200,000.00 |
| 01-00-133100 - LAIF REPLACE & REFURBISH FUND | 400,000.00 |
| 01-00-133110 - LAIF ENCUMBERED FOR PROJECTS | 0.00 |
| 01-00-133111 - OPEN | 0.00 |
| 01-00-133112 - OPEN | 0.00 |
| 01-00-133113 - LAFCO | 0.00 |
| 01-00-133114 - HAZARD MITIGATION PLAN | 0.00 |
| 01-00-133120 - LAIF BOND DEBT SERVICE | 121,001.00 |
| Total INVESTMENTS: | 924,520.99 |
| ACCOUNTS RECEIVABLE - WATER | |
| 01-00-136000 - A/R OTHER (Non-UB AR) | 0.00 |
| 01-00-137100 - A/R WATER | 186,924.15 |
| 01-00-137110 - A/R AVAILABILITY- STANDBY | 0.00 |
| 01-00-137120 - A/R AVAILABILITY-STANDBY IDB | 0.00 |
| 01-00-137130 - A/R UNBILLED | 0.00 |
| 01-00-139499 - CSA 70 W1 PRIOR YR LIEN RECEIV | 0.00 |
| 01-00-139500 - 2009-10 LIEN-REC \$41976 | 7,330.91 |
| 01-00-139510 - 2010-11 LIEN REC \$33945 | 6,313.84 |
| 01-00-139520 - 2011-12 LIEN REC \$36833 | 8,808.78 |
| 01-00-139530 - 2012-13 LIEN REC \$39364 | 13,902.72 |
| 01-00-139540 - 2013-14 LIEN REC \$29,632 | 11,453.87 |
| 01-00-139541 - 2014-15 LIEN REC \$69,492 | 42,765.64 |
| 01-00-139600 - DUE FOR AMES/RECHE | 0.00 |
| 01-00-139601 - DUE FOR HAZARD MITIGATION | 2,384.95 |
| 01-00-139602 - DUE FROM AWAC1 | 1,104.33 |
| 01-00-139900 - ALLOWANCE FOR BAD DEBTS-LIENS | (4,500.00) |
| Total ACCOUNTS RECEIVABLE - WATER: | 276,489.19 |
| ACCOUNTS RECEIVABLE - OTHER | |
| 01-00-138000 - A/R PROPERTY TAXES | 0.00 |

Fund ALFRE

Account Type

Amount

| | |
|---|----------------|
| 01-00-138030 - ACCRUED RECEIVABLE | 0.00 |
| 01-00-139000 - A/R CUSTOMER PROJECTS | 0.00 |
| 01-00-139040 - DOLLAR GENERAL | 0.00 |
| Total ACCOUNTS RECEIVABLE - OTHER: | 0.00 |
| INVENTORY | |
| 01-00-143010 - INVENTORY-WATER SYSTEM PARTS | 126,673.85 |
| 01-00-143012 - INVENTORY CLEARING | 0.00 |
| Total INVENTORY: | 126,673.85 |
| PREPAID EXPENSES | |
| 01-00-144000 - PREPAYMENTS | 0.00 |
| 01-00-144010 - PREPAYMENTS W/C INS | 13,610.07 |
| 01-00-144020 - PREPAYMENTS PL & PD LIAB INS | 2,720.99 |
| 01-00-144030 - PREPAIDS | 0.00 |
| Total PREPAID EXPENSES: | 16,331.06 |
| FIXED ASSETS | |
| 01-00-111300 - FA ORGANIZATION | 336,271.36 |
| 01-00-111301 - A/D ORGANIZATION | (122,075.69) |
| 01-00-111350 - FA LAND | 156,679.71 |
| 01-00-111400 - FA BUILDINGS | 251,204.03 |
| 01-00-111401 - A/D BUILDINGS | (230,900.11) |
| 01-00-111500 - FA YARDS | 61,488.47 |
| 01-00-111501 - A/D YARDS | (53,704.40) |
| 01-00-111600 - FA FUEL TANKS | 18,942.68 |
| 01-00-111601 - A/D FUEL TANK | (14,572.28) |
| 01-00-111700 - FA WATER SYSTEM | 9,358,086.86 |
| 01-00-111701 - A/D WATER SYSTEM | (5,391,905.99) |
| 01-00-111800 - FA SHOP EQUIPMENT | 41,327.36 |
| 01-00-111801 - A/D SHOP EQUIPMENT | (41,165.44) |
| 01-00-111810 - FA MOBILE EQUIPMENT | 662,570.48 |
| 01-00-111811 - A/D MOBILE EQUIPMENT | (376,292.49) |
| 01-00-111900 - FA OFFICE EQUIPMENT | 206,342.19 |
| 01-00-111901 - A/D OFFICE EQUIPMENT | (109,812.23) |
| Total FIXED ASSETS: | 4,752,484.51 |
| CONST. IN PROGRESS - OTHER | |
| 01-00-145010 - JV WELL | 177,095.85 |
| 01-10-120050 - CIP EPA GRANT | 0.00 |
| Total CONST. IN PROGRESS - OTHER: | 177,095.85 |
| CONSTRUCTION IN PROGRESS | |
| 01-00-120050 - CIP EPA GRANT | 0.00 |
| 01-00-120540 - ALTERNATE POWER IMPROVEMENTS | 23,576.53 |
| 01-00-120541 - 2015 DODGE RAM 1500 VIN3532 | 0.00 |
| 01-00-120542 - 2015 DODGE RAM 1500 VIN3533 | 0.00 |
| 01-00-120543 - SPRINGBROOK SOFTWARE INSTALL | 0.00 |
| 01-00-120544 - LOOKOUT PIPELINE | 701.59 |
| 01-00-120545 - HDWD TIE-IN | 200.45 |
| 01-00-120546 - BDV/GOAT MTN (W1) INTEGRATE | 200.46 |
| Total CONSTRUCTION IN PROGRESS: | 24,679.03 |
| PENSION DEFERRED OUTFLOWS | |
| 01-00-120600 - PENSION DEFERRED OUTFLOWS | 60,987.00 |
| Total PENSION DEFERRED OUTFLOWS: | 60,987.00 |
| Total Assets: | 7,797,377.75 |

Liabilities

Fund ALFRE

| Account Type | Amount |
|---|--------------|
| ACCOUNTS PAYABLE | |
| 01-00-225200 - ACCRUED INTEREST PAYABLE BHM 1 | 0.00 |
| 01-00-225300 - ACCRUED EXPENSES | 0.00 |
| 01-00-227000 - ACCOUNTS PAYABLE | 594.96 |
| Total ACCOUNTS PAYABLE: | 594.96 |
| ACCRUED PAYROLL | |
| 01-00-229000 - ACCURED PAYROLL LIABILITIES | 0.00 |
| 01-00-229010 - GARNISHMENT WITHHOLDING | 0.00 |
| 01-00-229100 - ACCURED EMP COMP BALANCES | 59,185.78 |
| Total ACCRUED PAYROLL: | 59,185.78 |
| ACCRUED PR LIABILITIES | |
| 01-00-229001 - FEDERAL PR TAX PAYABLE | (56.69) |
| 01-00-229002 - STATE PR TAX PAYABLE | 8.37 |
| 01-00-229003 - HEALTH INSURANCE PAYABLE | (3,866.87) |
| 01-00-229004 - 3RD PARTY INS PLAN PAYABLE | 91.28 |
| 01-00-229005 - CALPERS PAYABLE | 2,385.10 |
| Total ACCRUED PR LIABILITIES: | (1,438.81) |
| CUSTOMER DEPOSITS | |
| 01-00-225400 - UNCLAIMED FUNDS | 437.54 |
| 01-00-225500 - CUSTOMER DEPOSITS PENDING | 0.00 |
| 01-00-226000 - CUSTOMER DEPOSITS | 78,376.66 |
| Total CUSTOMER DEPOSITS: | 78,814.20 |
| CIP DEPOSIT | |
| 01-00-226010 - DOLLAR GENERAL DEPOSIT | 0.00 |
| Total CIP DEPOSIT: | 0.00 |
| PAYABLE FROM RESTRICTED ASSETS | |
| 01-00-229500 - ACCRUED INT PAYABLE DV ID BNDS | 0.00 |
| Total PAYABLE FROM RESTRICTED ASSETS: | 0.00 |
| LONG TERM DEBT | |
| 01-00-211010 - REVENUE BONDS PAYABLE - DV | 140,977.05 |
| 01-00-223000 - REVENUE BONDS PAYABLE - BH | 296,000.00 |
| Total LONG TERM DEBT: | 436,977.05 |
| PENSION NET PENSION LIABILITY | |
| 01-00-223100 - PENSION NET PENSION LIABILITY | 408,884.00 |
| Total PENSION NET PENSION LIABILITY: | 408,884.00 |
| PENSION DEFERRED INFLOW | |
| 01-00-223110 - PENSION DEFERRED INFLOWS | 109,542.00 |
| Total PENSION DEFERRED INFLOW: | 109,542.00 |
| Total Liabilities: | 1,092,559.18 |
| Fund Balance | |
| FUND BALANCE | |
| 01-00-301090 - CONTRIBUTED CAPITAL | 1,429,649.58 |
| 01-00-301110 - FMHA GRANTS | 758,297.76 |
| 01-00-310000 - FUND BALANCE | 2,709,391.09 |
| 01-00-310010 - FUND BALANCE FEMA & OES | 427,895.00 |
| Total FUND BALANCE: | 5,325,233.43 |
| Total Fund Balance: | 5,325,233.43 |
| Total Liabilities and Fund Balance: | 6,417,792.61 |

Fund ALFRE

| Account Type | Amount |
|---|--------------|
| Total Retained Earnings: | 1,379,585.14 |
| Total Fund Balance and Retained Earnings: | 6,704,818.57 |
| Total Liabilities, Fund Balance, and Retained Earnings: | 7,797,377.75 |
| Totals for Fund 01 - General Fund: | 0.00 |

General Ledger

Budget Status

User: mwest
Printed: 7/20/2016 - 8:03 PM
Period: 11, 2016

May 2016 *mdt*



| Account Number | Description | Budget Amount | Period Amount | YTD Amount | YTD Var | Encumbered Amount | Available | % Available |
|-----------------|-----------------------------|---------------|---------------|--------------|--------------|-------------------|---------------|-------------|
| Fund 01 | General Fund | | | | | | | |
| Dept 01-00 | No Department | | | | | | | |
| R05 | OPERATING REVENUE | | | | | | | |
| 01-00-410000 | SERVICE LINE INSTALLATION F | 3,570.00 | 1,785.00 | 5,355.00 | -1,785.00 | 0.00 | -1,785.00 | 0.00 |
| 01-00-410010 | BASIC FACILITIES CHARGE | 9,000.00 | 4,500.00 | 13,500.00 | -4,500.00 | 0.00 | -4,500.00 | 0.00 |
| 01-00-411000 | INCOME METERED WATER | 540,249.00 | 45,553.44 | 512,380.51 | 27,868.49 | 0.00 | 27,868.49 | 5.16 |
| 01-00-412000 | INCOME STANDBY ID GM | 74,000.00 | 750.00 | 23,220.00 | 50,780.00 | 0.00 | 50,780.00 | 68.62 |
| 01-00-413000 | BASIC SERVICE CHARGE | 759,330.00 | 61,964.58 | 763,922.62 | -4,592.62 | 0.00 | -4,592.62 | 0.00 |
| 01-00-414000 | INCOME METERED BULK WATER | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-00-415000 | INCOME BASIC FACILITY CHG | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-00-417000 | INCOME OTHER (OPERATING) | 49,450.00 | 5,672.51 | 83,385.66 | -33,935.66 | 0.00 | -33,935.66 | 0.00 |
| 01-00-417001 | ORCHID FESTIVAL | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-00-417002 | UNRESTRICTED FROM CSA70/W | 0.00 | 10,600.65 | 443,511.51 | -443,511.51 | 0.00 | -443,511.51 | 0.00 |
| 01-00-417003 | RESTRICTED FROM CSA70/W1 | 0.00 | 142.43 | 449,081.85 | -449,081.85 | 0.00 | -449,081.85 | 0.00 |
| 01-00-417004 | INCOME REIMBURSEMENT (ID | 0.00 | 0.00 | 344,452.01 | -344,452.01 | 0.00 | -344,452.01 | 0.00 |
| 01-00-419000 | AMES BASIN WATER TRANSFER | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| R05 Sub Totals: | | 1,435,599.00 | 130,968.61 | 2,638,809.16 | 1,203,210.16 | 0.00 | -1,203,210.16 | 0.00 |
| R10 | NON-OPERATING REVENUE | | | | | | | |
| 01-00-491000 | GA02 GEN LEVY IMP DIST A BH | 51,667.00 | 4,354.77 | 51,815.80 | -148.80 | 0.00 | -148.80 | 0.00 |
| 01-00-491010 | DA01 DEBT SRVC IMP1 (BH BON | 175,900.00 | 21,142.68 | 176,148.07 | -248.07 | 0.00 | -248.07 | 0.00 |
| 01-00-491020 | GA01 GENERAL TAX LEVY (BVI | 49,982.00 | 3,688.25 | 50,268.64 | -286.64 | 0.00 | -286.64 | 0.00 |
| 01-00-491030 | INCOME REV BONDS DV FMHA | 48,825.00 | 3.57 | 41,646.50 | 7,178.50 | 0.00 | 7,178.50 | 14.70 |
| 01-00-491040 | ID GM GA01 GEN TAX LEVY | 23,000.00 | 9,830.25 | 21,733.83 | 1,266.17 | 0.00 | 1,266.17 | 5.51 |
| 01-00-492000 | INTEREST INCOME | 2,500.00 | 185.24 | 3,891.74 | -1,391.74 | 0.00 | -1,391.74 | 0.00 |
| 01-00-496000 | INCOME OTHER (NON OPERATI | 0.00 | 163.84 | 8,511.69 | -8,511.69 | 0.00 | -8,511.69 | 0.00 |
| 01-00-499990 | FUNDS FOR AMES/RECHE | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-00-499991 | GRANT FOR HAZARD MITIGATI | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-00-499992 | CAPITAL CONTRIBUTION REVE | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-00-499993 | AWAC GRANT REVENUE | 0.00 | 484.48 | 1,104.33 | -1,104.33 | 0.00 | -1,104.33 | 0.00 |
| R10 Sub Totals: | | 351,874.00 | 39,853.08 | 355,120.60 | -3,246.60 | 0.00 | -3,246.60 | 0.00 |
| E05 | Revenue Sub Totals: | 1,787,473.00 | 170,821.69 | 2,993,929.76 | 1,206,456.76 | 0.00 | -1,206,456.76 | 0.00 |
| | OPERATIONS EXPENSE | | | | | | | |

| Account Number | Description | Budget Amount | Period Amount | YTD Amount | YTD Var | Encumbered Amount | Available | % Available |
|---------------------|----------------------------|---------------|---------------|---------------|-------------|-------------------|-------------|-------------|
| 01-00-541020 | OPERATIONS COMPENSATION | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| E20 | E05 Sub Totals: | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-00-561990 | CIP EXPENSE | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | BOND PAYMENTS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| E25 | E20 Sub Totals: | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-00-562000 | NON-OPERATING EXPENSE | | | | | | | |
| 01-00-563000 | OFFICE EQUIPMENT EXPENSE | 1,400.00 | 293.23 | 5,599.37 | -4,199.37 | 0.00 | -4,199.37 | 0.00 |
| 01-00-563001 | CUSTOMER RELATIONS | 2,000.00 | 0.00 | 1,742.51 | 257.49 | 0.00 | 257.49 | 12.87 |
| 01-00-564000 | LANDERS POST OFFICE GARDE | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-00-564500 | OTHER ADMINISTRATIVE EXPE | 2,750.00 | 288.01 | 9,599.16 | -6,849.16 | 0.00 | -6,849.16 | 0.00 |
| 01-00-570000 | CSA70 COWCAP FEES | 0.00 | 3,229.09 | 16,752.95 | -16,752.95 | 0.00 | -16,752.95 | 0.00 |
| 01-00-571000 | INTEREST EXPENSE - BH BOND | 19,250.00 | 9,624.99 | 17,645.81 | 1,604.19 | 0.00 | 1,604.19 | 8.33 |
| 01-00-571100 | DEPRECIATION EXPENSE | 0.00 | 22,461.22 | 273,506.36 | -273,506.36 | 0.00 | -273,506.36 | 0.00 |
| 01-00-573500 | AMORTIZATION | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-00-573501 | MWA PIPELINE DEBT | 73,300.00 | 73,142.00 | 73,142.00 | 158.00 | 0.00 | 158.00 | 0.22 |
| 01-00-581000 | GOAT MTN - MWA PIPELINE DE | 8,137.00 | 8,127.00 | 8,127.00 | 10.00 | 0.00 | 10.00 | 0.12 |
| 01-00-591000 | ELECTION COSTS | 4,000.00 | 0.00 | 3,195.21 | 804.79 | 0.00 | 804.79 | 20.12 |
| 01-00-593000 | INTEREST EXPENSE - DV BOND | 7,422.00 | 0.00 | 6,774.18 | 647.82 | 0.00 | 647.82 | 8.73 |
| 01-00-594000 | EXPENSE/ INCOME MISC | 0.00 | 0.00 | -1,640.83 | 1,640.83 | 0.00 | 1,640.83 | 0.00 |
| | GAIN (LOSS) ASSET DISPOSAL | 0.00 | 0.00 | -6,840.41 | 6,840.41 | 0.00 | 6,840.41 | 0.00 |
| E25 Sub Totals: | | 118,259.00 | 117,165.54 | 407,603.31 | -289,344.31 | 0.00 | -289,344.31 | 0.00 |
| Expense Sub Totals: | | 118,259.00 | 117,165.54 | 407,603.31 | -289,344.31 | 0.00 | -289,344.31 | 0.00 |
| Dept 00 Sub Totals: | | -1,669,214.00 | -53,656.15 | -2,586,326.45 | 917,112.45 | 0.00 | | |
| Dept 01-01 | Administration | | | | | | | |
| E15 | ADMINISTRATIVE EXPENSE | | | | | | | |
| 01-01-560030 | ADMINISTRATIVE COMPENSAT | 277,830.00 | 20,413.45 | 254,410.70 | 23,419.30 | 0.00 | 23,419.30 | 8.43 |
| 01-01-560060 | CONTRACTUAL SERV-AUDITOF | 30,000.00 | 650.00 | 31,418.00 | -1,418.00 | 0.00 | -1,418.00 | 0.00 |
| 01-01-560070 | CONTRACTUAL SERV-LEGAL | 11,500.00 | 779.62 | 7,887.00 | 3,613.00 | 0.00 | 3,613.00 | 31.42 |
| 01-01-560071 | GOAT MTN - CONTRACT SVS LE | 4,500.00 | 334.13 | 3,209.25 | 1,290.75 | 0.00 | 1,290.75 | 28.68 |
| 01-01-560080 | PERS CONTRIBUTION | 73,795.00 | 2,076.68 | 53,243.85 | 20,551.15 | 0.00 | 20,551.15 | 27.85 |
| 01-01-560090 | PAYROLL TAXES | 13,540.00 | 803.23 | 18,487.10 | -4,947.10 | 0.00 | -4,947.10 | 0.00 |
| 01-01-560110 | TELEPHONE/TAX/INTERNET/WI | 9,500.00 | 872.91 | 6,523.93 | 2,976.07 | 0.00 | 2,976.07 | 31.33 |
| 01-01-560120 | MAILING EXPENSE | 450.00 | 0.00 | 1,533.69 | -1,083.69 | 0.00 | -1,083.69 | 0.00 |
| 01-01-560140 | CONTRACTUAL SERV-OTHER | 45,500.00 | 3,396.29 | 50,414.89 | -4,914.89 | 0.00 | -4,914.89 | 0.00 |
| 01-01-560160 | PROPERTY/LIABILITY EXPENSE | 36,200.00 | 2,721.02 | 27,137.40 | 9,062.60 | 0.00 | 9,062.60 | 25.03 |
| 01-01-560170 | WORKERS COMP EXPENSE | 10,655.00 | 665.87 | 7,871.62 | 2,783.38 | 0.00 | 2,783.38 | 26.12 |
| 01-01-560180 | DUES & SUBSCRIPTIONS | 13,500.00 | 25.50 | 6,465.74 | 7,034.26 | 0.00 | 7,034.26 | 52.11 |
| 01-01-560200 | POWER/PROPANE OFFICES & Y/ | 7,000.00 | 320.83 | 5,499.21 | 1,500.79 | 0.00 | 1,500.79 | 21.44 |
| 01-01-560220 | BAD DEBT EXPENSE | 1,000.00 | 0.00 | 1.09 | 998.91 | 0.00 | 998.91 | 99.89 |

| Account Number | Description | Budget Amount | Period Amount | YTD Amount | YTD Var | Encumbered Amount | Available | % Available |
|---------------------|----------------------------|---------------|---------------|------------|------------|-------------------|------------|-------------|
| 01-01-560221 | BAD DEBT-LIENS UNCOLLECTI | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-01-560230 | LEAK RELIEF | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-01-560250 | PROPANE | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-01-560300 | OFFICE SUPPLIES/PRINTING | 7,000.00 | 593.37 | 8,495.42 | -1,495.42 | 0.00 | -1,495.42 | 0.00 |
| 01-01-561000 | EMPLOYEE BENEFITS INSURAN | 156,000.00 | 9,470.51 | 106,110.84 | 49,889.16 | 0.00 | 49,889.16 | 31.98 |
| 01-01-561010 | FLEXIBLE SPENDING ACCOUNT | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-01-561020 | CHILD DEPENDENT CARE | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-01-561030 | PLAN FEE & OTHER INS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-01-561040 | SUPPLEMENTAL LIFE | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-01-561050 | DISABILITY INS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-01-561060 | CANCER INS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-01-561070 | HOSPITAL INS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-01-561100 | EMPLOYEE EDUCATION/TRAIN | 3,000.00 | 115.68 | 2,181.23 | 818.77 | 0.00 | 818.77 | 27.29 |
| 01-01-561500 | PAYROLL FRINGE EXP TO PROJ | 0.00 | 0.00 | -197.36 | 197.36 | 0.00 | 197.36 | 0.00 |
| 01-01-561600 | OVERHEAD TO PROJECTS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| E15 Sub Totals: | | 700,970.00 | 43,239.09 | 590,693.60 | 110,276.40 | 0.00 | 110,276.40 | 15.73 |
| Expense Sub Totals: | | 700,970.00 | 43,239.09 | 590,693.60 | 110,276.40 | 0.00 | 110,276.40 | 15.73 |
| Dept 01 Sub Totals: | | 700,970.00 | 43,239.09 | 590,693.60 | 110,276.40 | 0.00 | | |
| Dept 01-05 | Operations | | | | | | | |
| E05 | OPERATIONS EXPENSE | | | | | | | |
| 01-05-541020 | OPERATIONS COMPENSATION | 267,591.00 | 17,836.52 | 219,887.99 | 47,703.01 | 0.00 | 47,703.01 | 17.83 |
| 01-05-541030 | UNIFORMS | 3,282.00 | 0.00 | 2,896.70 | 385.30 | 0.00 | 385.30 | 11.74 |
| 01-05-541050 | AUTO CONTROLS | 720.00 | 0.00 | 180.58 | 539.42 | 0.00 | 539.42 | 74.92 |
| 01-05-541060 | VEHICLE/TRACTOR/EQUIP EXP | 9,000.00 | 810.32 | 5,094.07 | 3,905.93 | 0.00 | 3,905.93 | 43.40 |
| 01-05-541061 | GOAT MTN-VEH/EQUIP/TRACT | 2,700.00 | 724.37 | 3,672.29 | -972.29 | 0.00 | -972.29 | 0.00 |
| 01-05-541070 | VEHICLE EXPENSE-FUEL | 21,000.00 | 1,360.58 | 16,725.22 | 4,274.78 | 0.00 | 4,274.78 | 20.36 |
| 01-05-541071 | GOAT MTN-FUEL | 6,300.00 | 0.00 | 6,501.97 | -201.97 | 0.00 | -201.97 | 0.00 |
| 01-05-541090 | FIELD MATERIALS & SUPPLIES | 25,000.00 | 595.24 | 22,804.84 | 2,195.16 | 0.00 | 2,195.16 | 8.78 |
| 01-05-541091 | GOAT MTN-FIELD MAT/SUPPLIE | 12,500.00 | 255.09 | 8,993.84 | 3,506.16 | 0.00 | 3,506.16 | 28.05 |
| 01-05-541095 | SHRINKAGE | 0.00 | 0.00 | -2,468.35 | 2,468.35 | 0.00 | 2,468.35 | 0.00 |
| 01-05-541110 | WATER TESTING | 4,200.00 | 250.00 | 3,621.00 | 579.00 | 0.00 | 579.00 | 13.79 |
| 01-05-541111 | GOAT MTN-WATER TESTING | 1,700.00 | 70.00 | 1,897.00 | -197.00 | 0.00 | -197.00 | 0.00 |
| 01-05-541120 | CONTRACTUAL SRV-ENGINEER | 40,000.00 | 10,823.98 | 18,969.18 | 21,030.82 | 0.00 | 21,030.82 | 52.58 |
| 01-05-541121 | GOAT MTN-ENGINEERING | 20,000.00 | 4,638.86 | 7,390.66 | 12,609.34 | 0.00 | 12,609.34 | 63.05 |
| 01-05-541140 | WATER SYSTEM REPAIRS | 41,500.00 | 471.74 | 32,159.50 | 9,340.50 | 0.00 | 9,340.50 | 22.51 |
| 01-05-541141 | EXCAVATION COUNTY OF SB | 500.00 | 0.00 | 0.00 | 500.00 | 0.00 | 500.00 | 100.00 |
| 01-05-541142 | GOAT MTN-EXCAVATIONS COSI | 500.00 | 0.00 | 0.00 | 500.00 | 0.00 | 500.00 | 100.00 |
| 01-05-541143 | GOAT MTN-WATER SYSTEM REI | 29,500.00 | 6,892.89 | 40,750.09 | -11,250.09 | 0.00 | -11,250.09 | 0.00 |
| 01-05-541150 | BUILDING MAINTENANCE/REP | 10,000.00 | 1,459.47 | 9,963.52 | 36.48 | 0.00 | 36.48 | 0.36 |
| 01-05-541151 | GOAT MTN-BUILDING REP/MAI | 1,000.00 | 1,459.48 | 21,790.68 | -20,790.68 | 0.00 | -20,790.68 | 0.00 |
| 01-05-541190 | COMMUNICATIONS EXPENSE | 2,160.00 | 276.27 | 3,487.17 | -1,327.17 | 0.00 | -1,327.17 | 0.00 |

| Account Number | Description | Budget Amount | Period Amount | YTD Amount | YTD Var | Encumbered Amount | Available | % Available |
|---------------------|-----------------------------|---------------|---------------|------------|------------|-------------------|------------|-------------|
| 01-05-541210 | DISINFECTION EXPENSE | 6,600.00 | 1,695.00 | 7,936.43 | -1,336.43 | 0.00 | -1,336.43 | 0.00 |
| 01-05-541250 | POWER WELLS & PUMPS | 75,000.00 | 5,552.10 | 66,766.72 | 8,233.28 | 0.00 | 8,233.28 | 10.98 |
| 01-05-541251 | GOAT MTN-POWER WELLS/BOC | 25,000.00 | 2,993.50 | 25,369.16 | -369.16 | 0.00 | -369.16 | 0.00 |
| 01-05-541300 | OTHER OPERATING EXPENSES | 9,050.00 | 400.00 | 19,337.61 | -10,287.61 | 0.00 | -10,287.61 | 0.00 |
| 01-05-541301 | GOAT MTN-OTHER OPERATING | 3,500.00 | 150.00 | 5,863.42 | -2,363.42 | 0.00 | -2,363.42 | 0.00 |
| 01-05-541700 | EQUIPMENT EXP TO CIP | 0.00 | 0.00 | -636.58 | 636.58 | 0.00 | 636.58 | 0.00 |
| 01-05-541701 | CAPITALIZED LABOR EXPENSE | 0.00 | 0.00 | -548.24 | 548.24 | 0.00 | 548.24 | 0.00 |
| 01-05-542000 | AMES WATER | 17,500.00 | 0.00 | 0.00 | 17,500.00 | 0.00 | 17,500.00 | 100.00 |
| E05 Sub Totals: | | 635,803.00 | 58,715.41 | 548,406.47 | 87,396.53 | 0.00 | 87,396.53 | 13.75 |
| E10 | BULK SYSTEM EXPENSE | | | | | | | |
| 01-05-550010 | PUMPING PLANT EXPENSE | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-05-550020 | BULK OPS & MAINTENANCE | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| E10 Sub Totals: | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Expense Sub Totals: | | 635,803.00 | 58,715.41 | 548,406.47 | 87,396.53 | 0.00 | 87,396.53 | 13.75 |
| Dept 05 Sub Totals: | | 635,803.00 | 58,715.41 | 548,406.47 | 87,396.53 | 0.00 | | |
| Dept 01-09 | Directors | | | | | | | |
| E15 | ADMINISTRATIVE EXPENSE | | | | | | | |
| 01-09-560010 | DIRECTOR FEES | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-09-560011 | DISTRIBUTE TO DIRECTOR ACC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-09-560021 | DIRECTOR MCBRIDE | 6,300.00 | 115.76 | 4,961.14 | 1,338.86 | 0.00 | 1,338.86 | 21.25 |
| 01-09-560022 | DIRECTOR CORL-LORONO | 6,300.00 | 509.38 | 4,734.43 | 1,565.57 | 0.00 | 1,565.57 | 24.85 |
| 01-09-560024 | DIRECTOR BURKHART | 6,300.00 | 347.28 | 1,844.03 | 4,455.97 | 0.00 | 4,455.97 | 70.73 |
| 01-09-560025 | DIRECTOR STALEY | 6,300.00 | 347.28 | 6,445.79 | -145.79 | 0.00 | -145.79 | 0.00 |
| 01-09-560026 | DIRECTOR COULOMBE | 6,300.00 | 280.12 | 8,406.32 | -2,106.32 | 0.00 | -2,106.32 | 0.00 |
| 01-09-560090 | PAYROLL TAXES | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| E15 Sub Totals: | | 31,500.00 | 1,599.82 | 26,391.71 | 5,108.29 | 0.00 | 5,108.29 | 16.22 |
| Expense Sub Totals: | | 31,500.00 | 1,599.82 | 26,391.71 | 5,108.29 | 0.00 | 5,108.29 | 16.22 |
| Dept 09 Sub Totals: | | 31,500.00 | 1,599.82 | 26,391.71 | 5,108.29 | 0.00 | | |
| Dept 01-10 | CIP | | | | | | | |
| E20 | CIP EXPENSE | | | | | | | |
| 01-10-056198 | LABOR APPLIED TO CIP PROJEC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-056199 | LABOR APPLIED TO WIP PROJEC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561900 | OVERHEAD FOR CIP ONLY | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561901 | ALT POWER IMP 12054 | 0.00 | 0.00 | 144.38 | -144.38 | 0.00 | -144.38 | 0.00 |
| 01-10-561902 | LOOKOUT PIPELINE | 0.00 | 0.00 | 61.88 | -61.88 | 0.00 | -61.88 | 0.00 |
| 01-10-561903 | HDWD TIE-IN GRANT | 0.00 | 0.00 | 61.87 | -61.87 | 0.00 | -61.87 | 0.00 |
| 01-10-561904 | BDV AND GOAT MTN (W1) INTE | 0.00 | 0.00 | 61.87 | -61.87 | 0.00 | -61.87 | 0.00 |

| Account Number | Description | Budget Amount | Period Amount | YTD Amount | YTD Var | Encumbered Amount | Available | % Available |
|--------------------------|-------------------------------|---------------|---------------|--------------|--------------|-------------------|---------------|-------------|
| 01-10-561905 | JV WELL 10 PUMP/MOTOR REPI | 19,459.00 | 0.00 | 0.00 | 19,459.00 | 0.00 | 19,459.00 | 100.00 |
| 01-10-561910 | CSA 70W-1 ANNEXATION | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561911 | LAFCO APPLICATION (HOFFMA | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561912 | MAPPING CSA W1 ANNEX | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561913 | AUDIT SERVICE CSA W1 ANNEX | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561914 | LAFCO COST CSA W1 ANNEX | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561915 | LABOR FOR W1 ANNEX | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561916 | W1-LEGAL | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561917 | ID GM FIXED ASSETS 7.1.15 | 0.00 | 0.00 | 660.00 | -660.00 | 0.00 | -660.00 | 0.00 |
| 01-10-561920 | HAZARD MITIGATION PLAN | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561921 | AWAC GRANT1, WATER ED FES | 0.00 | 484.48 | 1,104.33 | -1,104.33 | 0.00 | -1,104.33 | 0.00 |
| 01-10-561930 | AMES RECHE FINAL | 0.00 | 0.00 | 0.45 | -0.45 | 0.00 | -0.45 | 0.00 |
| 01-10-561940 | SHOP EQUIP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561945 | ORGANIZATION | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561950 | LAND | 0.00 | -63,071.09 | -63,071.09 | 63,071.09 | 0.00 | 63,071.09 | 0.00 |
| 01-10-561955 | OFFICE BUILDING | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561960 | YARDS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561965 | FUEL STORAGE | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561970 | WATER SYSTEM | 0.00 | -8,079.19 | -1,446.19 | 1,446.19 | 0.00 | 1,446.19 | 0.00 |
| 01-10-561971 | CALTRANS WORK ON 247 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561972 | DODGE RAM3500 | 55,000.00 | 5,153.66 | 50,222.03 | 4,777.97 | 0.00 | 4,777.97 | 8.69 |
| 01-10-561973 | 2015 4X4 DODGE RAM 1500 V#3: | 33,083.39 | 0.00 | 0.00 | 33,083.39 | 0.00 | 33,083.39 | 100.00 |
| 01-10-561974 | 2015 DODGE 4X4 RAM 1500 V#3: | 33,083.39 | 0.00 | 0.00 | 33,083.39 | 0.00 | 33,083.39 | 100.00 |
| 01-10-561975 | VEHICLES - MOTOR VEHICLES | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561976 | 2015 TOYOTA TACOMA- GRAY | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561977 | F250 UPGRADE | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561978 | 2015 TOYOTA TACOMA - WHITE | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561979 | 2015 JOHN DEERE 410K (W-1 CII | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561980 | OFFICE EQUIPMENT | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561981 | COMPUTER EQUIPMENT | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561982 | FINANCIAL & BILLING SOFTWA | 43,400.00 | 0.00 | 46,160.00 | -2,760.00 | 0.00 | -2,760.00 | 0.00 |
| 01-10-561983 | 1ST YEAR SOFTWARE MAINT | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561984 | BILLING SOFTWARE-GOAT MTT | 9,720.00 | 0.00 | 7,290.00 | 2,430.00 | 0.00 | 2,430.00 | 25.00 |
| 01-10-561990 | BOND PAYMENTS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| E20 Sub Totals: | | 193,745.78 | -65,512.14 | 41,249.53 | 152,496.25 | 0.00 | 152,496.25 | 78.71 |
| Expense Sub Totals: | | 193,745.78 | -65,512.14 | 41,249.53 | 152,496.25 | 0.00 | 152,496.25 | 78.71 |
| Dept 10 Sub Totals: | | 193,745.78 | -65,512.14 | 41,249.53 | 152,496.25 | 0.00 | | |
| Fund Revenue Sub Totals: | | 1,787,473.00 | 170,821.69 | 2,993,929.76 | 1,206,456.76 | 0.00 | -1,206,456.76 | 0.00 |
| Fund Expense Sub Totals: | | 1,680,277.78 | 155,207.72 | 1,614,344.62 | 65,933.16 | 0.00 | 65,933.16 | 3.92 |

| Account Number | Description | Budget Amount | Period Amount | YTD Amount | YTD Var | Encumbered Amount | Available | % Available |
|----------------|---------------------|---------------|---------------|---------------|--------------|-------------------|---------------|-------------|
| | Fund 01 Sub Totals: | -107,195.22 | -15,613.97 | -1,379,585.14 | 1,272,389.92 | 0.00 | | |
| | | | | | | | | |
| | Revenue Totals: | 1,787,473.00 | 170,821.69 | 2,993,929.76 | 1,206,456.76 | 0.00 | -1,206,456.76 | 0.00 |
| | | | | | | | | |
| | Expense Totals: | 1,680,277.78 | 155,207.72 | 1,614,344.62 | 65,933.16 | 0.00 | 65,933.16 | 3.92 |
| | | | | | | | | |
| | Report Totals: | -107,195.22 | -15,613.97 | -1,379,585.14 | 1,272,389.92 | 0.00 | | |
| | | | | | | | | |

Bank Reconciliation

Checks by Date

User: mwest
 Printed: 07/21/2016 - 3:10PM
 Cleared and Not Cleared Checks
 Print Void Checks

May 2016



| Check No | Check Date | Name | Comment | Module | Void | Clear Date | Amount |
|----------|------------|-----------------------------|---------|--------|------|------------|-----------|
| 16049 | 4/29/2016 | JEFF DROZD | | AP | Void | | 200.00 |
| 16054 | 4/29/2016 | INFOSEND, INC. | | AP | Void | | 701.43 |
| 0 | 5/5/2016 | IRS PAYROLL | | AP | | 5/31/2016 | 227.82 |
| 0 | 5/5/2016 | IRS PAYROLL | | AP | | 5/31/2016 | 2,323.03 |
| 0 | 5/5/2016 | EDD PAYROLL | | AP | | 5/31/2016 | 587.81 |
| 0 | 5/5/2016 | CALPERS | | AP | | 5/31/2016 | 3,191.72 |
| 0 | 5/5/2016 | CASDU | | AP | | 5/31/2016 | 205.38 |
| 0 | 5/5/2016 | IRS PAYROLL | | AP | | 5/31/2016 | 56.69 |
| 0 | 5/5/2016 | EDD PAYROLL | | AP | | 5/31/2016 | 11.13 |
| 0 | 5/5/2016 | CALPERS | | AP | | 5/31/2016 | 153.41 |
| 16065 | 5/5/2016 | TERRY BURKHART | | PR | | 5/31/2016 | 318.87 |
| 16066 | 5/5/2016 | JUDY CORL-LORONO | | PR | | 5/31/2016 | 320.71 |
| 16067 | 5/5/2016 | J LARRY COULOMBE | | PR | | 5/31/2016 | 213.81 |
| 16068 | 5/5/2016 | MICHAEL MCBRIDE | | PR | | 5/31/2016 | 103.98 |
| 16069 | 5/5/2016 | JAMES STALEY | | PR | | 5/31/2016 | 310.21 |
| 16070 | 5/5/2016 | MICHELLE CORBIN | | PR | | 5/31/2016 | 1,338.38 |
| 16071 | 5/5/2016 | DESTINY DIAZ | | PR | | 5/31/2016 | 1,163.21 |
| 16072 | 5/5/2016 | ROSA SANDOVAL | | PR | | 5/31/2016 | 609.52 |
| 16073 | 5/5/2016 | MARY HELEN TUTTLE | | PR | | 5/31/2016 | 460.62 |
| 16074 | 5/5/2016 | MARINA WEST | | PR | | 5/31/2016 | 3,740.29 |
| 16075 | 5/5/2016 | JAMES BOYD | | PR | | 5/31/2016 | 1,249.62 |
| 16076 | 5/5/2016 | MICHAEL CARUSO | | PR | | 5/31/2016 | 1,266.51 |
| 16077 | 5/5/2016 | JARED HUNTZINGER | | PR | | 5/31/2016 | 1,370.01 |
| 16078 | 5/5/2016 | LOGAN NOUNNAN | | PR | Void | | 2,030.01 |
| 16079 | 5/5/2016 | DAVID REWAL | | PR | | 5/31/2016 | 1,412.44 |
| 16080 | 5/5/2016 | LOGAN NOUNNAN | | PR | | 5/31/2016 | 1,091.58 |
| 0 | 5/13/2016 | AT&T MOBILITY | | AP | | 5/31/2016 | 276.27 |
| 16081 | 5/13/2016 | AKLUF AND WYSOCKI | | AP | | 5/31/2016 | 1,113.75 |
| 16082 | 5/13/2016 | AMERICAN FIDELITY ASSURANCE | | AP | | | 25.19 |
| 16083 | 5/13/2016 | APPLE VALLEY COMMUNICATION | | AP | | 5/31/2016 | 50.00 |
| 16084 | 5/13/2016 | AUTOMATED WATER TREATMENT | | AP | | 5/31/2016 | 1,125.28 |
| 16085 | 5/13/2016 | AW ASSOCIATES, INC. | | AP | | 5/31/2016 | 1,091.37 |
| 16086 | 5/13/2016 | BEYOND SOFTWARE SOLUTIONS | | AP | | 5/31/2016 | 150.00 |
| 16087 | 5/13/2016 | CDW GOVERNMENT | | AP | | 5/31/2016 | 293.23 |
| 16088 | 5/13/2016 | LARRY COULOMBE | | AP | | 5/31/2016 | 48.60 |
| 16089 | 5/13/2016 | JEFF DROZD | | AP | | 5/31/2016 | 200.00 |
| 16090 | 5/13/2016 | FLYERS ENERGY LLC | | AP | | 5/31/2016 | 1,360.58 |
| 16091 | 5/13/2016 | FRONTIER CALIFORNIA, INC | | AP | | 5/31/2016 | 386.15 |
| 16092 | 5/13/2016 | HI-DESERT STAR | | AP | | 5/31/2016 | 88.00 |
| 16093 | 5/13/2016 | INFOSEND, INC. | | AP | | 5/31/2016 | 908.94 |
| 16094 | 5/13/2016 | INLAND WATER WORKS | | AP | | 5/31/2016 | 58.32 |
| 16095 | 5/13/2016 | J & G GARAGE | | AP | | 5/31/2016 | 43.05 |
| 16096 | 5/13/2016 | NV5, INC | | AP | | 5/31/2016 | 4,277.92 |
| 16097 | 5/13/2016 | OFFICE DEPOT | | AP | | 5/31/2016 | 187.59 |
| 16098 | 5/13/2016 | PLATINUM CONSULTING GROUP L | | AP | | 5/31/2016 | 1,451.25 |
| 16099 | 5/13/2016 | SDRMA | | AP | | 5/31/2016 | 10,416.24 |

| Check No | Check Date | Name | Comment | Module | Void | Clear Date | Amount |
|----------|------------|-------------------------------|---------|--------|------|------------|--------------|
| 16100 | 5/13/2016 | ST WATER RES CONTROL BRD | | AP | | | 400.00 |
| 16101 | 5/13/2016 | UNDERGROUND SERVICE ALERT | | AP | | 5/31/2016 | 25.50 |
| 16102 | 5/13/2016 | USDA RURAL DEVELOPMENT | | AP | | 5/31/2016 | 98,624.99 |
| 0 | 5/19/2016 | IRS PAYROLL | | AP | | 5/31/2016 | 17.72 |
| 0 | 5/19/2016 | IRS PAYROLL | | AP | | 5/31/2016 | 2,235.16 |
| 0 | 5/19/2016 | EDD PAYROLL | | AP | | 5/31/2016 | 559.38 |
| 0 | 5/19/2016 | CALPERS | | AP | | 5/31/2016 | 3,039.26 |
| 0 | 5/19/2016 | CASDU | | AP | | 5/31/2016 | 205.38 |
| 16103 | 5/19/2016 | JUDY CORL-LORONO | | PR | | 5/31/2016 | 106.90 |
| 16104 | 5/19/2016 | MICHELLE CORBIN | | PR | | 5/31/2016 | 1,688.51 |
| 16105 | 5/19/2016 | DESTINY DIAZ | | PR | | 5/31/2016 | 990.03 |
| 16106 | 5/19/2016 | ROSA SANDOVAL | | PR | | 5/31/2016 | 603.84 |
| 16107 | 5/19/2016 | MARY HELEN TUTTLE | | PR | | 5/31/2016 | 446.65 |
| 16108 | 5/19/2016 | MARINA WEST | | PR | | 5/31/2016 | 3,428.19 |
| 16109 | 5/19/2016 | JAMES BOYD | | PR | | 5/31/2016 | 1,267.69 |
| 16110 | 5/19/2016 | MICHAEL CARUSO | | PR | | 5/31/2016 | 798.16 |
| 16111 | 5/19/2016 | JARED HUNTZINGER | | PR | | 5/31/2016 | 1,035.28 |
| 16112 | 5/19/2016 | LOGAN NOUNNAN | | PR | | 5/31/2016 | 1,411.02 |
| 16113 | 5/19/2016 | DAVID REWAL | | PR | | 5/31/2016 | 1,949.68 |
| 0 | 5/31/2016 | FIRST NATIONAL BANK | | AP | | 6/30/2016 | 3,887.39 |
| 0 | 5/31/2016 | SO CAL EDISON | | AP | | 6/30/2016 | 8,866.43 |
| 0 | 5/31/2016 | AMERICAN FIDELITY ASSURANCE | | AP | | 6/30/2016 | 502.43 |
| 16119 | 5/31/2016 | JEFF M ARWICK | | AP | | 6/30/2016 | 150.00 |
| 16120 | 5/31/2016 | AUTOZONEPARTS | | AP | | 6/30/2016 | 495.55 |
| 16121 | 5/31/2016 | BDVWA | | AP | | 6/30/2016 | 1,000,000.00 |
| 16122 | 5/31/2016 | BEYOND SOFTWARE SOLUTIONS | | AP | | 6/30/2016 | 60.00 |
| 16123 | 5/31/2016 | CLINICAL LABORATORY OF SB, IN | | AP | | 6/30/2016 | 320.00 |
| 16124 | 5/31/2016 | JUDY CORL-LORONO | | AP | | 6/30/2016 | 46.34 |
| 16125 | 5/31/2016 | EMPIRE ACCESSORIES | | AP | | 6/30/2016 | 5,153.66 |
| 16126 | 5/31/2016 | FRONTIER CALIFORNIA, INC | | AP | | 6/30/2016 | 414.76 |
| 16127 | 5/31/2016 | Shannon Gallegos | | AP | | 6/30/2016 | 95.71 |
| 16128 | 5/31/2016 | HOME DEPOT CREDIT SERVICES | | AP | | 6/30/2016 | 354.78 |
| 16129 | 5/31/2016 | IMAGE SOURCE, INC | | AP | | 6/30/2016 | 164.11 |
| 16130 | 5/31/2016 | INFOSEND, INC. | | AP | | 6/30/2016 | 729.39 |
| 16131 | 5/31/2016 | INLAND WATER WORKS | | AP | | 6/30/2016 | 1,885.56 |
| 16132 | 5/31/2016 | INTER VALLEY POOL SUPPLY | | AP | | 6/30/2016 | 569.72 |
| 16133 | 5/31/2016 | J & G GARAGE | | AP | | 6/30/2016 | 400.27 |
| 16134 | 5/31/2016 | Eligh Macias | | AP | | 6/30/2016 | 42.34 |
| 16135 | 5/31/2016 | MOJAVE WATER AGENCY | | AP | | 6/30/2016 | 81,269.00 |
| 16136 | 5/31/2016 | NV5 , INC | | AP | | 6/30/2016 | 10,984.92 |
| 16137 | 5/31/2016 | OFFICE DEPOT | | AP | | 6/30/2016 | 340.58 |
| 16138 | 5/31/2016 | PREMIER ACCESS INSURANCE, CC | | AP | | 6/30/2016 | 827.90 |
| 16139 | 5/31/2016 | QUILL | | AP | | 6/30/2016 | 185.74 |
| 16140 | 5/31/2016 | SDRMA | | AP | | 6/30/2016 | 12,944.20 |
| 16141 | 5/31/2016 | ST WATER RES CONTROL BRD | | AP | | 6/30/2016 | 150.00 |
| 16142 | 5/31/2016 | Richard Storti | | AP | | 6/30/2016 | 60.28 |
| 16143 | 5/31/2016 | MARTHA TAPIA | | AP | | | 42.94 |
| 16144 | 5/31/2016 | XEROX CORPORATION | | AP | | 6/30/2016 | 219.46 |

Total Void Check Count: 3

Total Void Check Amount: 2,931.44

[illegible]

General Ledger

Balance Sheet

User: mwest
 Printed: 07/20/2016 - 8:11PM
 Fund: All
 Period: 12
 Fiscal Year: 2016

June 2016 *next*



Fund ALFRE

| Account Type | Amount |
|---|--------------|
| 01 - General Fund | |
| Assets | |
| CASH & CASH EQUIVALENTS | |
| 01-00-131200 - CASH UNION BANK OF CA | 400,507.31 |
| 01-00-131201 - UB RESTRICTED CASH ID GOAT MTN | 0.00 |
| 01-00-131202 - UB UNRESTRICTD CASH ID GOAT MT | 0.00 |
| 01-00-131250 - PACIFIC WESTERN BANK | 999,066.72 |
| 01-00-131300 - CASH DRAWERS BASE FUND | 1,000.00 |
| 01-00-134000 - PETTY CASH FUND | 800.00 |
| Total CASH & CASH EQUIVALENTS: | 1,401,374.03 |
| INVESTMENTS | |
| 01-00-133030 - LAIF UNENCUMBERED CASH FUND | 94,127.99 |
| 01-00-133060 - LAIF-BASIC FACILITIES CHGS | 39,392.00 |
| 01-00-133070 - LAIF-CUSTOMER DEPOSITS | 70,000.00 |
| 01-00-133090 - LAIF EMERGENCY CONTINGENCIES | 200,000.00 |
| 01-00-133100 - LAIF REPLACE & REFURBISH FUND | 400,000.00 |
| 01-00-133110 - LAIF ENCUMBERED FOR PROJECTS | 0.00 |
| 01-00-133111 - OPEN | 0.00 |
| 01-00-133112 - OPEN | 0.00 |
| 01-00-133113 - LAFCO | 0.00 |
| 01-00-133114 - HAZARD MITIGATION PLAN | 0.00 |
| 01-00-133120 - LAIF BOND DEBT SERVICE | 121,001.00 |
| Total INVESTMENTS: | 924,520.99 |
| ACCOUNTS RECEIVABLE - WATER | |
| 01-00-136000 - A/R OTHER (Non-UB AR) | 3,425.17 |
| 01-00-137100 - A/R WATER | 207,410.68 |
| 01-00-137110 - A/R AVAILABILITY- STANDBY | 50,780.00 |
| 01-00-137120 - A/R AVAILABILITY-STANDBY IDB | 0.00 |
| 01-00-137130 - A/R UNBILLED | 59,680.69 |
| 01-00-139499 - CSA 70 W1 PRIOR YR LIEN RECEIV | 0.00 |
| 01-00-139500 - 2009-10 LIEN-REC \$41976 | 7,330.91 |
| 01-00-139510 - 2010-11 LIEN REC \$33945 | 6,313.84 |
| 01-00-139520 - 2011-12 LIEN REC \$36833 | 8,808.78 |
| 01-00-139530 - 2012-13 LIEN REC \$39364 | 13,902.72 |
| 01-00-139540 - 2013-14 LIEN REC \$29,632 | 8,853.87 |
| 01-00-139541 - 2014-15 LIEN REC \$69,492 | 42,765.64 |
| 01-00-139600 - DUE FOR AMES/RECHE | 0.00 |
| 01-00-139601 - DUE FOR HAZARD MITIGATION | 0.00 |
| 01-00-139602 - DUE FROM AWAC1 | 983.81 |
| 01-00-139900 - ALLOWANCE FOR BAD DEBTS-LIENS | (4,500.00) |
| Total ACCOUNTS RECEIVABLE - WATER: | 405,756.11 |
| ACCOUNTS RECEIVABLE - OTHER | |
| 01-00-138000 - A/R PROPERTY TAXES | 30,400.00 |

Fund ALFRE

Account Type

Amount

| | |
|---|----------------|
| 01-00-138030 - ACCRUED RECEIVABLE | 0.00 |
| 01-00-139000 - A/R CUSTOMER PROJECTS | 0.00 |
| 01-00-139040 - DOLLAR GENERAL | 0.00 |
| Total ACCOUNTS RECEIVABLE - OTHER: | 30,400.00 |
| INVENTORY | |
| 01-00-143010 - INVENTORY-WATER SYSTEM PARTS | 139,994.02 |
| 01-00-143012 - INVENTORY CLEARING | 0.00 |
| Total INVENTORY: | 139,994.02 |
| PREPAID EXPENSES | |
| 01-00-144000 - PREPAYMENTS | 0.00 |
| 01-00-144010 - PREPAYMENTS W/C INS | 0.00 |
| 01-00-144020 - PREPAYMENTS PL & PD LIAB INS | 0.00 |
| 01-00-144030 - PREPAIDS | 0.00 |
| Total PREPAID EXPENSES: | 0.00 |
| FIXED ASSETS | |
| 01-00-111300 - FA ORGANIZATION | 336,271.36 |
| 01-00-111301 - A/D ORGANIZATION | (123,173.14) |
| 01-00-111350 - FA LAND | 80,979.60 |
| 01-00-111400 - FA BUILDINGS | 251,204.03 |
| 01-00-111401 - A/D BUILDINGS | (231,067.09) |
| 01-00-111500 - FA YARDS | 61,488.47 |
| 01-00-111501 - A/D YARDS | (53,725.09) |
| 01-00-111600 - FA FUEL TANKS | 18,942.68 |
| 01-00-111601 - A/D FUEL TANK | (14,640.55) |
| 01-00-111700 - FA WATER SYSTEM | 9,365,009.80 |
| 01-00-111701 - A/D WATER SYSTEM | (5,474,085.55) |
| 01-00-111800 - FA SHOP EQUIPMENT | 41,327.36 |
| 01-00-111801 - A/D SHOP EQUIPMENT | (41,185.77) |
| 01-00-111810 - FA MOBILE EQUIPMENT | 713,345.19 |
| 01-00-111811 - A/D MOBILE EQUIPMENT | (381,038.40) |
| 01-00-111900 - FA OFFICE EQUIPMENT | 264,146.10 |
| 01-00-111901 - A/D OFFICE EQUIPMENT | (110,378.82) |
| Total FIXED ASSETS: | 4,703,420.18 |
| CONST. IN PROGRESS - OTHER | |
| 01-00-145010 - JV WELL | 177,095.85 |
| 01-10-120050 - CIP EPA GRANT | 0.00 |
| Total CONST. IN PROGRESS - OTHER: | 177,095.85 |
| CONSTRUCTION IN PROGRESS | |
| 01-00-120050 - CIP EPA GRANT | 0.00 |
| 01-00-120540 - ALTERNATE POWER IMPROVEMENTS | 23,720.91 |
| 01-00-120541 - 2015 DODGE RAM 1500 VIN3532 | 0.00 |
| 01-00-120542 - 2015 DODGE RAM 1500 VIN3533 | 0.00 |
| 01-00-120543 - SPRINGBROOK SOFTWARE INSTALL | 0.00 |
| 01-00-120544 - LOOKOUT PIPELINE | 763.47 |
| 01-00-120545 - HDWD TIE-IN | 262.32 |
| 01-00-120546 - BDV/GOAT MTN (W1) INTEGRATE | 262.33 |
| Total CONSTRUCTION IN PROGRESS: | 25,009.03 |
| PENSION DEFERRED OUTFLOWS | |
| 01-00-120600 - PENSION DEFERRED OUTFLOWS | 60,987.00 |
| Total PENSION DEFERRED OUTFLOWS: | 60,987.00 |
| Total Assets: | 7,868,557.21 |

Liabilities

Fund ALFRE

| Account Type | Amount |
|---|--------------|
| ACCOUNTS PAYABLE | |
| 01-00-225200 - ACCRUED INTEREST PAYABLE BHM 1 | 1,604.16 |
| 01-00-225300 - ACCRUED EXPENSES | 7,011.28 |
| 01-00-227000 - ACCOUNTS PAYABLE | 9,588.44 |
| Total ACCOUNTS PAYABLE: | 18,203.88 |
| ACCRUED PAYROLL | |
| 01-00-229000 - ACCURED PAYROLL LIABILITIES | 11,112.84 |
| 01-00-229010 - GARNISHMENT WITHHOLDING | 0.00 |
| 01-00-229100 - ACCURED EMP COMP BALANCES | 57,978.59 |
| Total ACCRUED PAYROLL: | 69,091.43 |
| ACCRUED PR LIABILITIES | |
| 01-00-229001 - FEDERAL PR TAX PAYABLE | (56.69) |
| 01-00-229002 - STATE PR TAX PAYABLE | 8.37 |
| 01-00-229003 - HEALTH INSURANCE PAYABLE | 38.03 |
| 01-00-229004 - 3RD PARTY INS PLAN PAYABLE | 176.77 |
| 01-00-229005 - CALPERS PAYABLE | 2,385.10 |
| Total ACCRUED PR LIABILITIES: | 2,551.58 |
| CUSTOMER DEPOSITS | |
| 01-00-225400 - UNCLAIMED FUNDS | 320.54 |
| 01-00-225500 - CUSTOMER DEPOSITS PENDING | 0.00 |
| 01-00-226000 - CUSTOMER DEPOSITS | 74,526.66 |
| Total CUSTOMER DEPOSITS: | 74,847.20 |
| CIP DEPOSIT | |
| 01-00-226010 - DOLLAR GENERAL DEPOSIT | 0.00 |
| Total CIP DEPOSIT: | 0.00 |
| PAYABLE FROM RESTRICTED ASSETS | |
| 01-00-229500 - ACCRUED INT PAYABLE DV ID BNDS | 2,157.42 |
| Total PAYABLE FROM RESTRICTED ASSETS: | 2,157.42 |
| LONG TERM DEBT | |
| 01-00-211010 - REVENUE BONDS PAYABLE - DV | 140,977.05 |
| 01-00-223000 - REVENUE BONDS PAYABLE - BH | 296,000.00 |
| Total LONG TERM DEBT: | 436,977.05 |
| PENSION NET PENSION LIABILITY | |
| 01-00-223100 - PENSION NET PENSION LIABILITY | 408,884.00 |
| Total PENSION NET PENSION LIABILITY: | 408,884.00 |
| PENSION DEFERRED INFLOW | |
| 01-00-223110 - PENSION DEFERRED INFLOWS | 109,542.00 |
| Total PENSION DEFERRED INFLOW: | 109,542.00 |
| Total Liabilities: | 1,122,254.56 |
| Fund Balance | |
| FUND BALANCE | |
| 01-00-301090 - CONTRIBUTED CAPITAL | 1,429,649.58 |
| 01-00-301110 - FMHA GRANTS | 758,297.76 |
| 01-00-310000 - FUND BALANCE | 2,709,391.09 |
| 01-00-310010 - FUND BALANCE FEMA & OES | 427,895.00 |
| Total FUND BALANCE: | 5,325,233.43 |
| Total Fund Balance: | 5,325,233.43 |
| Total Liabilities and Fund Balance: | 6,447,487.99 |

Fund ALFRE

| Account Type | Amount |
|---|--------------|
| Total Retained Earnings: | 1,421,069.22 |
| Total Fund Balance and Retained Earnings: | 6,746,302.65 |
| Total Liabilities, Fund Balance, and Retained Earnings: | 7,868,557.21 |
| Totals for Fund 01 - General Fund: | 0.00 |

General Ledger

Budget Status

User: mwest
Printed: 7/20/2016 - 8:04 PM
Period: 12, 2016

June 2016 *md*



| Account Number | Description | Budget Amount | Period Amount | YTD Amount | YTD Var | Encumbered Amount | Available | % Available |
|----------------|-----------------------------|---------------|---------------|--------------|--------------|-------------------|---------------|-------------|
| Fund 01 | General Fund | | | | | | | |
| Dept 01-00 | No Department | | | | | | | |
| R05 | OPERATING REVENUE | | | | | | | |
| 01-00-410000 | SERVICE LINE INSTALLATION F | 3,570.00 | 0.00 | 5,355.00 | -1,785.00 | 0.00 | -1,785.00 | 0.00 |
| 01-00-410010 | BASIC FACILITIES CHARGE | 9,000.00 | 0.00 | 13,500.00 | -4,500.00 | 0.00 | -4,500.00 | 0.00 |
| 01-00-411000 | INCOME METERED WATER | 540,249.00 | 89,976.17 | 602,356.68 | -62,107.68 | 0.00 | -62,107.68 | 0.00 |
| 01-00-412000 | INCOME STANDBY ID GM | 74,000.00 | 50,780.00 | 74,000.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-00-413000 | BASIC SERVICE CHARGE | 759,330.00 | 101,604.58 | 865,527.20 | -106,197.20 | 0.00 | -106,197.20 | 0.00 |
| 01-00-414000 | INCOME METERED BULK WATE | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-00-415000 | INCOME BASIC FACILITY CHG | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-00-417000 | INCOME OTHER (OPERATING) | 49,450.00 | 4,307.80 | 87,693.46 | -38,243.46 | 0.00 | -38,243.46 | 0.00 |
| 01-00-417001 | ORCHID FESTIVAL | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-00-417002 | UNRESTRICTED FROM CSA70/W | 0.00 | -355,594.14 | 87,917.37 | -87,917.37 | 0.00 | -87,917.37 | 0.00 |
| 01-00-417003 | RESTRICTED FROM CSA70/W1 | 0.00 | 0.00 | 449,081.85 | -449,081.85 | 0.00 | -449,081.85 | 0.00 |
| 01-00-417004 | INCOME REIMBURSEMENT (ID | 0.00 | 355,594.14 | 700,046.15 | -700,046.15 | 0.00 | -700,046.15 | 0.00 |
| 01-00-419000 | AMES BASIN WATER TRANSFER | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | R05 Sub Totals: | 1,435,599.00 | 246,668.55 | 2,885,477.71 | 1,449,878.71 | 0.00 | -1,449,878.71 | 0.00 |
| R10 | NON-OPERATING REVENUE | | | | | | | |
| 01-00-491000 | GA02 GEN LEVY IMP DIST A BH | 51,667.00 | 3,075.46 | 54,891.26 | -3,224.26 | 0.00 | -3,224.26 | 0.00 |
| 01-00-491010 | DA01 DEBT SRVC IMP1 (BH BON | 175,900.00 | 21,622.23 | 197,770.30 | -21,870.30 | 0.00 | -21,870.30 | 0.00 |
| 01-00-491020 | GA01 GENERAL TAX LEVY (BVI | 49,982.00 | 3,075.06 | 53,343.70 | -3,361.70 | 0.00 | -3,361.70 | 0.00 |
| 01-00-491030 | INCOME REV BONDS DV FMHA | 48,825.00 | 8,336.06 | 49,982.56 | -1,157.56 | 0.00 | -1,157.56 | 0.00 |
| 01-00-491040 | ID GM GA01 GEN TAX LEVY | 23,000.00 | 1,200.00 | 22,933.83 | 66.17 | 0.00 | 66.17 | 0.29 |
| 01-00-492000 | INTEREST INCOME | 2,500.00 | 0.00 | 3,891.74 | -1,391.74 | 0.00 | -1,391.74 | 0.00 |
| 01-00-496000 | INCOME OTHER (NON OPERATI | 0.00 | 50.00 | 8,561.69 | -8,561.69 | 0.00 | -8,561.69 | 0.00 |
| 01-00-499990 | FUNDS FOR AMES/RECHE | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-00-499991 | GRANT FOR HAZARD MITIGATI | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-00-499992 | CAPITAL CONTRIBUTION REVE | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-00-499993 | AWAC GRANT REVENUE | 0.00 | 6,395.67 | 7,500.00 | -7,500.00 | 0.00 | -7,500.00 | 0.00 |
| | R10 Sub Totals: | 351,874.00 | 43,754.48 | 398,875.08 | -47,001.08 | 0.00 | -47,001.08 | 0.00 |
| E05 | Revenue Sub Totals: | 1,787,473.00 | 290,423.03 | 3,284,352.79 | 1,496,879.79 | 0.00 | -1,496,879.79 | 0.00 |
| | OPERATIONS EXPENSE | | | | | | | |

| Account Number | Description | Budget Amount | Period Amount | YTD Amount | YTD Var | Encumbered Amount | Available | % Available |
|---------------------|----------------------------|---------------|---------------|---------------|--------------|-------------------|-------------|-------------|
| 01-00-541020 | OPERATIONS COMPENSATION | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| E20 | E05 Sub Totals: | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-00-561990 | CIP EXPENSE | | | | | | | |
| | BOND PAYMENTS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| E25 | E20 Sub Totals: | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-00-562000 | NON-OPERATING EXPENSE | | | | | | | |
| 01-00-563000 | OFFICE EQUIPMENT EXPENSE | 1,400.00 | 1,350.93 | 6,950.30 | -5,550.30 | 0.00 | -5,550.30 | 0.00 |
| 01-00-563001 | CUSTOMER RELATIONS | 2,000.00 | 162.39 | 1,904.90 | 95.10 | 0.00 | 95.10 | 4.76 |
| 01-00-564000 | LANDERS POST OFFICE GARDE | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-00-564500 | OTHER ADMINISTRATIVE EXPE | 2,750.00 | 0.00 | 9,599.16 | -6,849.16 | 0.00 | -6,849.16 | 0.00 |
| 01-00-570000 | CSA70 COWCAP FEES | 0.00 | 0.00 | 16,752.95 | -16,752.95 | 0.00 | -16,752.95 | 0.00 |
| 01-00-571000 | INTEREST EXPENSE - BH BOND | 19,250.00 | 1,604.16 | 19,249.97 | 0.03 | 0.00 | 0.03 | 0.00 |
| 01-00-571100 | DEPRECIATION EXPENSE | 0.00 | 88,865.78 | 362,372.14 | -362,372.14 | 0.00 | -362,372.14 | 0.00 |
| 01-00-573500 | AMORTIZATION | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-00-573501 | MWA PIPELINE DEBT | 73,300.00 | 0.00 | 73,142.00 | 158.00 | 0.00 | 158.00 | 0.22 |
| 01-00-581000 | GOAT MTN - MWA PIPELINE DE | 8,137.00 | 0.00 | 8,127.00 | 10.00 | 0.00 | 10.00 | 0.12 |
| 01-00-591000 | ELECTION COSTS | 4,000.00 | 0.00 | 3,195.21 | 804.79 | 0.00 | 804.79 | 20.12 |
| 01-00-593000 | INTEREST EXPENSE - DV BOND | 7,422.00 | 2,157.42 | 8,931.60 | -1,509.60 | 0.00 | -1,509.60 | 0.00 |
| 01-00-594000 | EXPENSE/ INCOME MISC | 0.00 | -364.13 | -2,004.96 | 2,004.96 | 0.00 | 2,004.96 | 0.00 |
| | GAIN (LOSS) ASSET DISPOSAL | 0.00 | 0.00 | -6,840.41 | 6,840.41 | 0.00 | 6,840.41 | 0.00 |
| E25 Sub Totals: | | 118,259.00 | 93,776.55 | 501,379.86 | -383,120.86 | 0.00 | -383,120.86 | 0.00 |
| Expense Sub Totals: | | 118,259.00 | 93,776.55 | 501,379.86 | -383,120.86 | 0.00 | -383,120.86 | 0.00 |
| Dept 00 Sub Totals: | | -1,669,214.00 | -196,646.48 | -2,782,972.93 | 1,113,758.93 | 0.00 | | |
| Administration | | | | | | | | |
| E15 | ADMINISTRATIVE EXPENSE | | | | | | | |
| 01-01-560030 | ADMINISTRATIVE COMPENSAT | 277,830.00 | 28,723.62 | 283,134.32 | -5,304.32 | 0.00 | -5,304.32 | 0.00 |
| 01-01-560060 | CONTRACTUAL SERV-AUDITOF | 30,000.00 | 0.00 | 31,418.00 | -1,418.00 | 0.00 | -1,418.00 | 0.00 |
| 01-01-560070 | CONTRACTUAL SERV-LEGAL | 11,500.00 | 3,506.25 | 11,393.25 | 106.75 | 0.00 | 106.75 | 0.93 |
| 01-01-560071 | GOAT MTN - CONTRACT SVS LE | 4,500.00 | 0.00 | 3,209.25 | 1,290.75 | 0.00 | 1,290.75 | 28.68 |
| 01-01-560080 | PERS CONTRIBUTION | 73,795.00 | 3,589.01 | 56,832.86 | 16,962.14 | 0.00 | 16,962.14 | 22.99 |
| 01-01-560090 | PAYROLL TAXES | 13,540.00 | -1,835.97 | 16,651.13 | -3,111.13 | 0.00 | -3,111.13 | 0.00 |
| 01-01-560110 | TELEPHONE/FAX/INTERNET/WI | 9,500.00 | 992.38 | 7,516.31 | 1,983.69 | 0.00 | 1,983.69 | 20.88 |
| 01-01-560120 | MAILING EXPENSE | 450.00 | 154.98 | 1,688.67 | -1,238.67 | 0.00 | -1,238.67 | 0.00 |
| 01-01-560140 | CONTRACTUAL SERV-OTHER | 45,500.00 | 5,307.82 | 55,722.71 | -10,222.71 | 0.00 | -10,222.71 | 0.00 |
| 01-01-560160 | PROPERTY/LIABILITY EXPENSE | 36,200.00 | 2,721.01 | 29,858.41 | 6,341.59 | 0.00 | 6,341.59 | 17.52 |
| 01-01-560170 | WORKERS COMP EXPENSE | 10,655.00 | 13,610.07 | 21,481.69 | -10,826.69 | 0.00 | -10,826.69 | 0.00 |
| 01-01-560180 | DUES & SUBSCRIPTIONS | 13,500.00 | 69.00 | 6,534.74 | 6,965.26 | 0.00 | 6,965.26 | 51.59 |
| 01-01-560200 | POWER/PROPANE OFFICES & Y/ | 7,000.00 | 746.53 | 6,245.74 | 754.26 | 0.00 | 754.26 | 10.78 |
| 01-01-560220 | BAD DEBT EXPENSE | 1,000.00 | 0.00 | 1.09 | 998.91 | 0.00 | 998.91 | 99.89 |

| Account Number | Description | Budget Amount | Period Amount | YTD Amount | YTD Var | Encumbered Amount | Available | % Available |
|---------------------|----------------------------|---------------|---------------|------------|------------|-------------------|------------|-------------|
| 01-01-560221 | BAD DEBT-LIENS UNCOLLECTI | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-01-560230 | LEAK RELIEF | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-01-560250 | PROPANE | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-01-560300 | OFFICE SUPPLIES/PRINTING | 7,000.00 | 619.72 | 9,115.14 | -2,115.14 | 0.00 | -2,115.14 | 0.00 |
| 01-01-561000 | EMPLOYEE BENEFITS INSURAN | 156,000.00 | 15,849.76 | 121,960.60 | 34,039.40 | 0.00 | 34,039.40 | 21.82 |
| 01-01-561010 | FLEXIBLE SPENDING ACCOUNT | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-01-561020 | CHILD DEPENDENT CARE | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-01-561030 | PLAN FEE & OTHER INS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-01-561040 | SUPPLEMENTAL LIFE | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-01-561050 | DISABILITY INS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-01-561060 | CANCER INS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-01-561070 | HOSPITAL INS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-01-561100 | EMPLOYEE EDUCATION/TRAIN | 3,000.00 | 0.00 | 2,181.23 | 818.77 | 0.00 | 818.77 | 27.29 |
| 01-01-561500 | PAYROLL FRINGE EXP TO PROJ | 0.00 | -111.74 | -309.10 | 309.10 | 0.00 | 309.10 | 0.00 |
| 01-01-561600 | OVERHEAD TO PROJECTS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| E15 Sub Totals: | | 700,970.00 | 73,942.44 | 664,636.04 | 36,333.96 | 0.00 | 36,333.96 | 5.18 |
| Expense Sub Totals: | | 700,970.00 | 73,942.44 | 664,636.04 | 36,333.96 | 0.00 | 36,333.96 | 5.18 |
| Dept 01 Sub Totals: | | 700,970.00 | 73,942.44 | 664,636.04 | 36,333.96 | 0.00 | | |
| Dept 01-05 | Operations | | | | | | | |
| E05 | OPERATIONS EXPENSE | | | | | | | |
| 01-05-541020 | OPERATIONS COMPENSATION | 267,591.00 | 31,026.89 | 250,914.88 | 16,676.12 | 0.00 | 16,676.12 | 6.23 |
| 01-05-541030 | UNIFORMS | 3,282.00 | 637.19 | 3,533.89 | -251.89 | 0.00 | -251.89 | 0.00 |
| 01-05-541050 | AUTO CONTROLS | 720.00 | 0.00 | 180.58 | 539.42 | 0.00 | 539.42 | 74.92 |
| 01-05-541060 | VEHICLE/TRACTOR/EQUIP EXP | 9,000.00 | 545.79 | 5,639.86 | 3,360.14 | 0.00 | 3,360.14 | 37.33 |
| 01-05-541061 | GOAT MTN-VEH/EQUIP/TRACT | 2,700.00 | 215.17 | 3,887.46 | -1,187.46 | 0.00 | -1,187.46 | 0.00 |
| 01-05-541070 | VEHICLE EXPENSE-FUEL | 21,000.00 | 2,162.41 | 18,887.63 | 2,112.37 | 0.00 | 2,112.37 | 10.06 |
| 01-05-541071 | GOAT MTN-FUEL | 6,300.00 | 3,521.89 | 10,023.86 | -3,723.86 | 0.00 | -3,723.86 | 0.00 |
| 01-05-541090 | FIELD MATERIALS & SUPPLIES | 25,000.00 | 3,605.00 | 26,409.84 | -1,409.84 | 0.00 | -1,409.84 | 0.00 |
| 01-05-541091 | GOAT MTN-FIELD MAT/SUPPLIE | 12,500.00 | 1,181.41 | 10,175.25 | 2,324.75 | 0.00 | 2,324.75 | 18.60 |
| 01-05-541095 | SHRINKAGE | 0.00 | 21,459.97 | 18,991.62 | -18,991.62 | 0.00 | -18,991.62 | 0.00 |
| 01-05-541110 | WATER TESTING | 4,200.00 | 1,070.00 | 4,691.00 | -491.00 | 0.00 | -491.00 | 0.00 |
| 01-05-541111 | GOAT MTN-WATER TESTING | 1,700.00 | 50.00 | 1,947.00 | -247.00 | 0.00 | -247.00 | 0.00 |
| 01-05-541120 | CONTRACTUAL SRV-ENGINEER | 40,000.00 | 10,559.16 | 29,528.34 | 10,471.66 | 0.00 | 10,471.66 | 26.18 |
| 01-05-541121 | GOAT MTN-ENGINEERING | 20,000.00 | 3,828.92 | 11,219.58 | 8,780.42 | 0.00 | 8,780.42 | 43.90 |
| 01-05-541140 | WATER SYSTEM REPAIRS | 41,500.00 | 432.02 | 32,591.52 | 8,908.48 | 0.00 | 8,908.48 | 21.47 |
| 01-05-541141 | EXCAVATION COUNTY OF SB | 500.00 | 0.00 | 0.00 | 500.00 | 0.00 | 500.00 | 100.00 |
| 01-05-541142 | GOAT MTN-EXCAVATIONS COSI | 500.00 | 0.00 | 0.00 | 500.00 | 0.00 | 500.00 | 100.00 |
| 01-05-541143 | GOAT MTN-WATER SYSTEM REI | 29,500.00 | 3,266.35 | 44,016.44 | -14,516.44 | 0.00 | -14,516.44 | 0.00 |
| 01-05-541150 | BUILDING MAINTENANCE/REP | 10,000.00 | 384.07 | 10,347.59 | -347.59 | 0.00 | -347.59 | 0.00 |
| 01-05-541151 | GOAT MTN-BUILDING REP/MAI | 1,000.00 | 25.00 | 21,815.68 | -20,815.68 | 0.00 | -20,815.68 | 0.00 |
| 01-05-541190 | COMMUNICATIONS EXPENSE | 2,160.00 | 553.02 | 4,040.19 | -1,880.19 | 0.00 | -1,880.19 | 0.00 |

| Account Number | Description | Budget Amount | Period Amount | YTD Amount | YTD Var | Encumbered Amount | Available | % Available |
|---------------------|-----------------------------|---------------|---------------|------------|------------|-------------------|------------|-------------|
| 01-05-541210 | DISINFECTION EXPENSE | 6,600.00 | 2,648.33 | 10,584.76 | -3,984.76 | 0.00 | -3,984.76 | 0.00 |
| 01-05-541250 | POWER WELLS & PUMPS | 75,000.00 | 8,929.63 | 75,696.35 | -696.35 | 0.00 | -696.35 | 0.00 |
| 01-05-541251 | GOAT MTN-POWER WELLS/BOC | 25,000.00 | 2,104.26 | 27,473.42 | -2,473.42 | 0.00 | -2,473.42 | 0.00 |
| 01-05-541300 | OTHER OPERATING EXPENSES | 9,050.00 | 0.00 | 19,337.61 | -10,287.61 | 0.00 | -10,287.61 | 0.00 |
| 01-05-541301 | GOAT MTN-OTHER OPERATING | 3,500.00 | 0.00 | 5,863.42 | -2,363.42 | 0.00 | -2,363.42 | 0.00 |
| 01-05-541700 | EQUIPMENT EXP TO CIP | 0.00 | -288.19 | -924.77 | 924.77 | 0.00 | 924.77 | 0.00 |
| 01-05-541701 | CAPITALIZED LABOR EXPENSE | 0.00 | -310.40 | -858.64 | 858.64 | 0.00 | 858.64 | 0.00 |
| 01-05-542000 | AMES WATER | 17,500.00 | 0.00 | 0.00 | 17,500.00 | 0.00 | 17,500.00 | 100.00 |
| E10 | E05 Sub Totals: | 635,803.00 | 97,607.89 | 646,014.36 | -10,211.36 | 0.00 | -10,211.36 | 0.00 |
| 01-05-550010 | BULK SYSTEM EXPENSE | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-05-550020 | PUMPING PLANT EXPENSE | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | BULK OPS & MAINTENANCE | | | | | | | |
| E10 Sub Totals: | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Expense Sub Totals: | | 635,803.00 | 97,607.89 | 646,014.36 | -10,211.36 | 0.00 | -10,211.36 | 0.00 |
| Dept 05 Sub Totals: | | 635,803.00 | 97,607.89 | 646,014.36 | -10,211.36 | 0.00 | | |
| Directors | | | | | | | | |
| E15 | ADMINISTRATIVE EXPENSE | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-09-560010 | DIRECTOR FEES | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-09-560011 | DISTRIBUTE TO DIRECTOR ACC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-09-560021 | DIRECTOR MCBRIDE | 6,300.00 | 347.28 | 5,308.42 | 991.58 | 0.00 | 991.58 | 15.74 |
| 01-09-560022 | DIRECTOR CORL-LORONO | 6,300.00 | 1,431.44 | 6,165.87 | 134.13 | 0.00 | 134.13 | 2.13 |
| 01-09-560024 | DIRECTOR BURKHART | 6,300.00 | 1,169.93 | 3,013.96 | 3,286.04 | 0.00 | 3,286.04 | 52.16 |
| 01-09-560025 | DIRECTOR STALEY | 6,300.00 | 746.40 | 7,192.19 | -892.19 | 0.00 | -892.19 | 0.00 |
| 01-09-560026 | DIRECTOR COULOMBE | 6,300.00 | 1,325.94 | 9,732.26 | -3,432.26 | 0.00 | -3,432.26 | 0.00 |
| 01-09-560090 | PAYROLL TAXES | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| E15 Sub Totals: | | 31,500.00 | 5,020.99 | 31,412.70 | 87.30 | 0.00 | 87.30 | 0.28 |
| Expense Sub Totals: | | 31,500.00 | 5,020.99 | 31,412.70 | 87.30 | 0.00 | 87.30 | 0.28 |
| Dept 09 Sub Totals: | | 31,500.00 | 5,020.99 | 31,412.70 | 87.30 | 0.00 | | |
| CIP | | | | | | | | |
| E20 | CIP EXPENSE | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-056198 | LABOR APPLIED TO CIP PROJEC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-056199 | LABOR APPLIED TO WIP PROJEC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561900 | OVERHEAD FOR CIP ONLY | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561901 | ALT POWER IMP 12054 | 0.00 | -144.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561902 | LOOKOUT PIPELINE | 0.00 | -61.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561903 | HDWD TIE-IN GRANT | 0.00 | -61.87 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561904 | BDV AND GOAT MTN (W1) INTE | 0.00 | -61.87 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| Account Number | Description | Budget Amount | Period Amount | YTD Amount | YTD Var | Encumbered Amount | Available | % Available |
|--------------------------|-------------------------------|---------------|---------------|--------------|--------------|-------------------|---------------|-------------|
| 01-10-561905 | JV WELL 10 PUMP/MOTOR REPL | 19,459.00 | 0.00 | 0.00 | 19,459.00 | 0.00 | 19,459.00 | 100.00 |
| 01-10-561910 | CSA 70W-1 ANNEXATION | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561911 | LAFCO APPLICATION (HOFFMA | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561912 | MAPPING CSA W1 ANNEX | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561913 | AUDIT SERVICE CSA W1 ANNEX | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561914 | LAFCO COST CSA W1 ANNEX | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561915 | LABOR FOR W1 ANNEX | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561916 | W1-LEGAL | 0.00 | 0.00 | 660.00 | -660.00 | 0.00 | -660.00 | 0.00 |
| 01-10-561917 | ID GM FIXED ASSETS 7.1.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561920 | HAZARD MITIGATION PLAN | 0.00 | -122.30 | -122.30 | 122.30 | 0.00 | 122.30 | 0.00 |
| 01-10-561921 | AWAC GRANT1, WATER ED FES | 0.00 | 5,569.11 | 6,673.44 | -6,673.44 | 0.00 | -6,673.44 | 0.00 |
| 01-10-561930 | AMES RECHE FINAL | 0.00 | 0.00 | 0.45 | -0.45 | 0.00 | -0.45 | 0.00 |
| 01-10-561940 | SHOP EQUIP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561945 | ORGANIZATION | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561950 | LAND | 0.00 | 75,700.11 | 12,629.02 | -12,629.02 | 0.00 | -12,629.02 | 0.00 |
| 01-10-561955 | OFFICE BUILDING | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561960 | YARDS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561965 | FUEL STORAGE | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561970 | WATER SYSTEM | 0.00 | 1,446.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561971 | CALTRANS WORK ON 247 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561972 | DODGE RAM3500 | 55,000.00 | -50,222.03 | 0.00 | 55,000.00 | 0.00 | 55,000.00 | 100.00 |
| 01-10-561973 | 2015 4X4 DODGE RAM 1500 V#3: | 33,083.39 | 0.00 | 0.00 | 33,083.39 | 0.00 | 33,083.39 | 100.00 |
| 01-10-561974 | 2015 DODGE 4X4 RAM 1500 V#3: | 33,083.39 | 0.00 | 0.00 | 33,083.39 | 0.00 | 33,083.39 | 100.00 |
| 01-10-561975 | VEHICLES - MOTOR VEHICLES | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561976 | 2015 TOYOTA TACOMA- GRAY | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561977 | F250 UPGRADE | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561978 | 2015 TOYOTA TACOMA - WHITE | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561979 | 2015 JOHN DEERE 410K (W-1 CII | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561980 | OFFICE EQUIPMENT | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561981 | COMPUTER EQUIPMENT | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561982 | FINANCIAL & BILLING SOFTWA | 43,400.00 | -46,160.00 | 0.00 | 43,400.00 | 0.00 | 43,400.00 | 100.00 |
| 01-10-561983 | 1ST YEAR SOFTWARE MAINT | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-10-561984 | BILLING SOFTWARE-GOAT MTR | 9,720.00 | -7,290.00 | 0.00 | 9,720.00 | 0.00 | 9,720.00 | 100.00 |
| 01-10-561990 | BOND PAYMENTS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| E20 Sub Totals: | | 193,745.78 | -21,408.92 | 19,840.61 | 173,905.17 | 0.00 | 173,905.17 | 89.76 |
| Expense Sub Totals: | | 193,745.78 | -21,408.92 | 19,840.61 | 173,905.17 | 0.00 | 173,905.17 | 89.76 |
| Dept 10 Sub Totals: | | 193,745.78 | -21,408.92 | 19,840.61 | 173,905.17 | 0.00 | | |
| Fund Revenue Sub Totals: | | 1,787,473.00 | 290,423.03 | 3,284,352.79 | 1,496,879.79 | 0.00 | -1,496,879.79 | 0.00 |
| Fund Expense Sub Totals: | | 1,680,277.78 | 248,938.95 | 1,863,283.57 | -183,005.79 | 0.00 | -183,005.79 | 0.00 |

| Account Number | Description | Budget Amount | Period Amount | YTD Amount | YTD Var | Encumbered Amount | Available | % Available |
|----------------|---------------------|---------------|---------------|---------------|--------------|-------------------|---------------|-------------|
| | Fund 01 Sub Totals: | -107,195.22 | -41,484.08 | -1,421,069.22 | 1,313,874.00 | 0.00 | | |
| | | | | | | | | |
| | Revenue Totals: | 1,787,473.00 | 290,423.03 | 3,284,352.79 | 1,496,879.79 | 0.00 | -1,496,879.79 | 0.00 |
| | | | | | | | | |
| | Expense Totals: | 1,680,277.78 | 248,938.95 | 1,863,283.57 | -183,005.79 | 0.00 | -183,005.79 | 0.00 |
| | | | | | | | | |
| | Report Totals: | -107,195.22 | -41,484.08 | -1,421,069.22 | 1,313,874.00 | 0.00 | | |
| | | | | | | | | |

Bank Reconciliation

Checks by Date

User: mwest
Printed: 07/21/2016 - 3:11PM
Cleared and Not Cleared Checks
Print Void Checks

June 2016



| Check No | Check Date | Name | Comment | Module | Void | Clear Date | Amount |
|----------|------------|-----------------------------|---------|--------|------|------------|-----------|
| 0 | 6/2/2016 | IRS PAYROLL | | AP | | 6/30/2016 | 363.72 |
| 0 | 6/2/2016 | IRS PAYROLL | | AP | | 6/30/2016 | 2,335.92 |
| 0 | 6/2/2016 | EDD PAYROLL | | AP | | 6/30/2016 | 576.59 |
| 0 | 6/2/2016 | CALPERS | | AP | | 6/30/2016 | 3,039.26 |
| 0 | 6/2/2016 | CASDU | | AP | | 6/30/2016 | 205.38 |
| 16114 | 6/2/2016 | TERRY BURKHART | | PR | | 6/30/2016 | 414.20 |
| 16115 | 6/2/2016 | JUDY CORL-LORONO | | PR | | 6/30/2016 | 421.12 |
| 16116 | 6/2/2016 | J LARRY COULOMBE | | PR | | 6/30/2016 | 534.52 |
| 16117 | 6/2/2016 | MICHAEL MCBRIDE | | PR | | 6/30/2016 | 199.31 |
| 16118 | 6/2/2016 | JAMES STALEY | | PR | | 6/30/2016 | 310.21 |
| 16145 | 6/2/2016 | MICHELLE CORBIN | | PR | | 6/30/2016 | 1,338.38 |
| 16146 | 6/2/2016 | DESTINY DIAZ | | PR | | 6/30/2016 | 1,014.28 |
| 16147 | 6/2/2016 | ROSA SANDOVAL | | PR | | 6/30/2016 | 700.18 |
| 16148 | 6/2/2016 | MARY HELEN TUTTLE | | PR | | 6/30/2016 | 446.66 |
| 16149 | 6/2/2016 | MARINA WEST | | PR | | 6/30/2016 | 3,740.29 |
| 16150 | 6/2/2016 | JAMES BOYD | | PR | | 6/30/2016 | 1,695.82 |
| 16151 | 6/2/2016 | MICHAEL CARUSO | | PR | | 6/30/2016 | 1,144.71 |
| 16152 | 6/2/2016 | JARED HUNTZINGER | | PR | | 6/30/2016 | 1,049.34 |
| 16153 | 6/2/2016 | LOGAN NOUNNAN | | PR | | 6/30/2016 | 1,078.20 |
| 16154 | 6/2/2016 | DAVID REWAL | | PR | | 6/30/2016 | 1,537.20 |
| 16155 | 6/3/2016 | SDRMA | | AP | | 6/30/2016 | 594.96 |
| 0 | 6/15/2016 | AT&T MOBILITY | | AP | | 6/30/2016 | 276.51 |
| 0 | 6/15/2016 | CINTAS CORPORATION #150 | | AP | | 6/30/2016 | 270.00 |
| 16169 | 6/15/2016 | APPLE VALLEY COMMUNICATION | | AP | | 6/30/2016 | 50.00 |
| 16170 | 6/15/2016 | BEYOND SOFTWARE SOLUTIONS | | AP | | 6/30/2016 | 60.00 |
| 16171 | 6/15/2016 | C & L SERVICE, INC. | | AP | | 6/30/2016 | 552.68 |
| 16172 | 6/15/2016 | CDW GOVERNMENT | | AP | | 6/30/2016 | 211.20 |
| 16173 | 6/15/2016 | CHAMBERS CHOICE DRILLING | | AP | | 6/30/2016 | 980.00 |
| 16174 | 6/15/2016 | CV STRATEGIES | | AP | | 6/30/2016 | 1,494.64 |
| 16175 | 6/15/2016 | HI-DESERT WATER DISTRICT | | AP | | 6/30/2016 | 1,848.37 |
| 16176 | 6/15/2016 | HOME DEPOT CREDIT SERVICES | | AP | | 6/30/2016 | 894.72 |
| 16177 | 6/15/2016 | IMAGE SOURCE, INC | | AP | | 6/30/2016 | 202.36 |
| 16178 | 6/15/2016 | INFOSEND, INC. | | AP | | 6/30/2016 | 235.49 |
| 16179 | 6/15/2016 | INLAND WATER WORKS | | AP | | 6/30/2016 | 2,253.73 |
| 16180 | 6/15/2016 | MCCALL'S METERS, INC | | AP | | 6/30/2016 | 48.24 |
| 16181 | 6/15/2016 | MOJAVE WATER AGENCY | | AP | | 6/30/2016 | 34,860.00 |
| 16182 | 6/15/2016 | LOGAN NOUNNAN | | AP | | 6/30/2016 | 151.19 |
| 16183 | 6/15/2016 | PETTY CASH | | AP | | | 497.33 |
| 16184 | 6/15/2016 | PLATINUM CONSULTING GROUP L | | AP | | 6/30/2016 | 1,158.75 |
| 16185 | 6/15/2016 | SDRMA | | AP | | 6/30/2016 | 10,416.24 |
| 16186 | 6/15/2016 | J DENNIS STALEY | | AP | | | 51.84 |
| 16187 | 6/15/2016 | UNDERGROUND SERVICE ALERT | | AP | | 6/30/2016 | 30.00 |
| 16188 | 6/15/2016 | VAGABOND WELDING SUPPLY | | AP | | 6/30/2016 | 48.58 |
| 16189 | 6/15/2016 | MARINA WEST | | AP | | 6/30/2016 | 1,859.54 |
| 16190 | 6/15/2016 | DAVID L. WY SOCKI | | AP | | 6/30/2016 | 1,526.25 |
| 0 | 6/16/2016 | IRS PAYROLL | | AP | | 6/30/2016 | 35.44 |

| Check No | Check Date | Name | Comment | Module | Void | Clear Date | Amount |
|----------|------------|-------------------------------|---------|--------|------|------------|----------|
| 0 | 6/16/2016 | IRS PAYROLL | | AP | | 6/30/2016 | 2,114.75 |
| 0 | 6/16/2016 | EDD PAYROLL | | AP | | 6/30/2016 | 503.42 |
| 0 | 6/16/2016 | CALPERS | | AP | | 6/30/2016 | 3,039.27 |
| 0 | 6/16/2016 | CASDU | | AP | | 6/30/2016 | 205.38 |
| 16156 | 6/16/2016 | J LARRY COULOMBE | | PR | | 6/30/2016 | 106.90 |
| 16157 | 6/16/2016 | JAMES STALEY | | PR | | 6/30/2016 | 106.90 |
| 16158 | 6/16/2016 | MICHELLE CORBIN | | PR | | 6/30/2016 | 1,338.38 |
| 16159 | 6/16/2016 | DESTINY DIAZ | | PR | | 6/30/2016 | 1,041.98 |
| 16160 | 6/16/2016 | ROSA SANDOVAL | | PR | | 6/30/2016 | 530.19 |
| 16161 | 6/16/2016 | MARY HELEN TUTTLE | | PR | | 6/30/2016 | 397.80 |
| 16162 | 6/16/2016 | MARINA WEST | | PR | | 6/30/2016 | 3,428.19 |
| 16163 | 6/16/2016 | JAMES ALLBRITTEN | | PR | | | 100.89 |
| 16164 | 6/16/2016 | JAMES BOYD | | PR | | 6/30/2016 | 1,249.62 |
| 16165 | 6/16/2016 | MICHAEL CARUSO | | PR | | 6/30/2016 | 798.15 |
| 16166 | 6/16/2016 | JARED HUNTZINGER | | PR | | 6/30/2016 | 1,442.74 |
| 16167 | 6/16/2016 | LOGAN NOUNNAN | | PR | | 6/30/2016 | 1,424.05 |
| 16168 | 6/16/2016 | DAVID REWAL | | PR | | 6/30/2016 | 1,553.83 |
| 0 | 6/30/2016 | IRS PAYROLL | | AP | | 6/30/2016 | 53.14 |
| 0 | 6/30/2016 | IRS PAYROLL | | AP | | 6/30/2016 | 2,354.71 |
| 0 | 6/30/2016 | EDD PAYROLL | | AP | | 6/30/2016 | 587.98 |
| 0 | 6/30/2016 | CALPERS | | AP | | 6/30/2016 | 3,043.36 |
| 0 | 6/30/2016 | CASDU | | AP | | 6/30/2016 | 205.38 |
| 0 | 6/30/2016 | BURRTEC WASTE&RECYC | | AP | | | 171.47 |
| 0 | 6/30/2016 | FIRST NATIONAL BANK | | AP | | | 4,311.89 |
| 0 | 6/30/2016 | SO CAL EDISON | | AP | | | 7,960.42 |
| 16191 | 6/30/2016 | TERRY BURKHART | | PR | | | 106.90 |
| 16192 | 6/30/2016 | JUDY CORL-LORONO | | PR | | 6/30/2016 | 213.81 |
| 16193 | 6/30/2016 | MICHELLE CORBIN | | PR | | 6/30/2016 | 1,338.38 |
| 16194 | 6/30/2016 | DESTINY DIAZ | | PR | | 6/30/2016 | 1,052.16 |
| 16195 | 6/30/2016 | ROSA SANDOVAL | | PR | | | 609.52 |
| 16196 | 6/30/2016 | MARY HELEN TUTTLE | | PR | | | 328.01 |
| 16197 | 6/30/2016 | MARINA WEST | | PR | | | 3,428.19 |
| 16198 | 6/30/2016 | JAMES ALLBRITTEN | | PR | | | 230.02 |
| 16199 | 6/30/2016 | JAMES BOYD | | PR | | 6/30/2016 | 1,739.74 |
| 16200 | 6/30/2016 | MICHAEL CARUSO | | PR | | | 813.67 |
| 16201 | 6/30/2016 | JARED HUNTZINGER | | PR | | 6/30/2016 | 1,083.18 |
| 16202 | 6/30/2016 | LOGAN NOUNNAN | | PR | | 6/30/2016 | 1,078.20 |
| 16203 | 6/30/2016 | DAVID REWAL | | PR | | 6/30/2016 | 1,970.00 |
| 16204 | 6/30/2016 | LAURA ARNOLD | | AP | | | 0.36 |
| 16205 | 6/30/2016 | ROGER & LAURA ARNOLD | | AP | | | 0.36 |
| 16206 | 6/30/2016 | AUTOZONEPARTS | | AP | | | 232.19 |
| 16207 | 6/30/2016 | Jennifer Bouche | | AP | | | 55.08 |
| 16208 | 6/30/2016 | Charles Brumfield | | AP | | | 181.49 |
| 16209 | 6/30/2016 | Marc Clavet | | AP | | | 32.04 |
| 16210 | 6/30/2016 | CLINICAL LABORATORY OF SB, IN | | AP | | | 320.00 |
| 16211 | 6/30/2016 | Kenneth Desselle | | AP | | | 31.17 |
| 16212 | 6/30/2016 | JEFF DROZD | | AP | | | 1,625.00 |
| 16213 | 6/30/2016 | FLYERS ENERGY LLC | | AP | | | 5,576.30 |
| 16214 | 6/30/2016 | FRONTIER CALIFORNIA, INC | | AP | | | 398.25 |
| 16215 | 6/30/2016 | JEFFERY & CHRISTINA HOWARD | | AP | | | 50.92 |
| 16216 | 6/30/2016 | Stephan Hurt | | AP | | | 47.24 |
| 16217 | 6/30/2016 | INFOSEND, INC. | | AP | | | 203.81 |
| 16218 | 6/30/2016 | INLAND WATER WORKS | | AP | | | 8,580.03 |
| 16219 | 6/30/2016 | J & G GARAGE | | AP | | | 24.00 |
| 16220 | 6/30/2016 | Maria McGowen | | AP | | | 146.40 |
| 16221 | 6/30/2016 | Elisabeth Minton-Rosenstein | | AP | | | 40.24 |

| Check No | Check Date | Name | Comment | Module | Void | Clear Date | Amount |
|----------|------------|------------------------------|---------|--------|------|------------|-----------|
| 16222 | 6/30/2016 | Kristine Nelson | | AP | | | 12.08 |
| 16223 | 6/30/2016 | NV5 , INC | | AP | | | 12,763.08 |
| 16224 | 6/30/2016 | OFFICE DEPOT | | AP | | | 145.10 |
| 16225 | 6/30/2016 | PREMIER ACCESS INSURANCE, CC | | AP | | | 827.90 |
| 16226 | 6/30/2016 | Aqueda Salas | | AP | | | 200.00 |
| 16227 | 6/30/2016 | Don Schroeder | | AP | | | 155.80 |
| 16228 | 6/30/2016 | SDRMA | | AP | | | 594.96 |
| 16229 | 6/30/2016 | Michael Shepherd | | AP | | | 79.63 |
| 16230 | 6/30/2016 | SL PARKER CA, LLC, BUILDERS | | AP | | | 44.47 |
| 16231 | 6/30/2016 | Alexis Sudin | | AP | | | 29.40 |
| 16232 | 6/30/2016 | Thomas Thurman | | AP | | | 5.70 |
| 16233 | 6/30/2016 | VAGABOND WELDING SUPPLY | | AP | | | 21.51 |

Total Void Check Count: 0

Total Void Check Amount:

Total Valid Check Count: 114

Total Valid Check Amount: 167,240.43

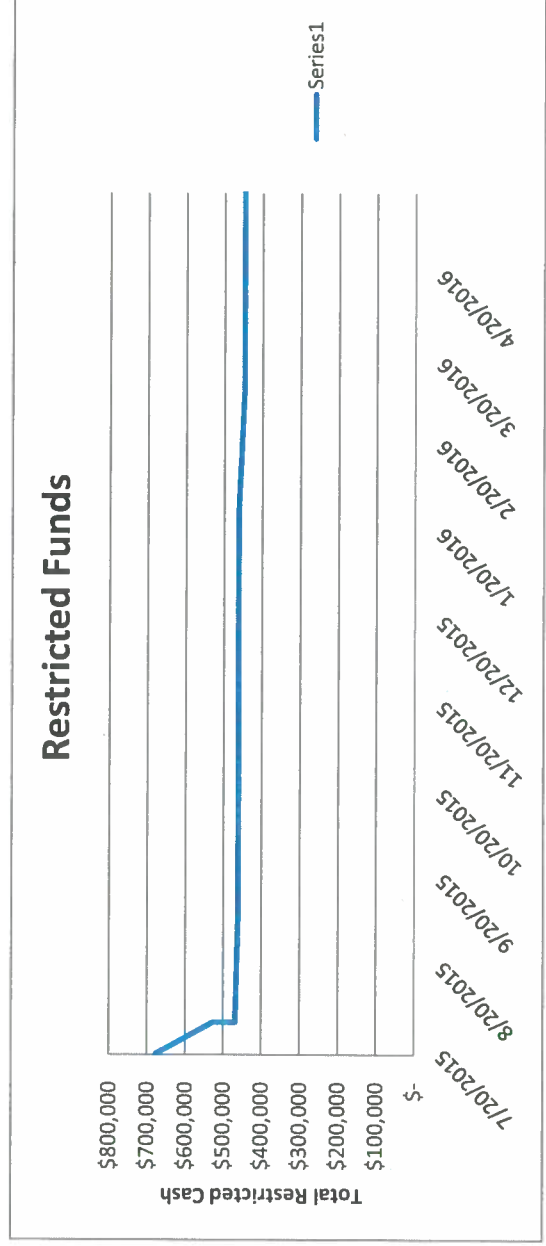
Total Check Count: 114

Total Check Amount: 167,240.43



IMPROVEMENT DISTRICT GOAT MOUNTAIN RESTRICTED CASH ACCOUNT SUMMARY

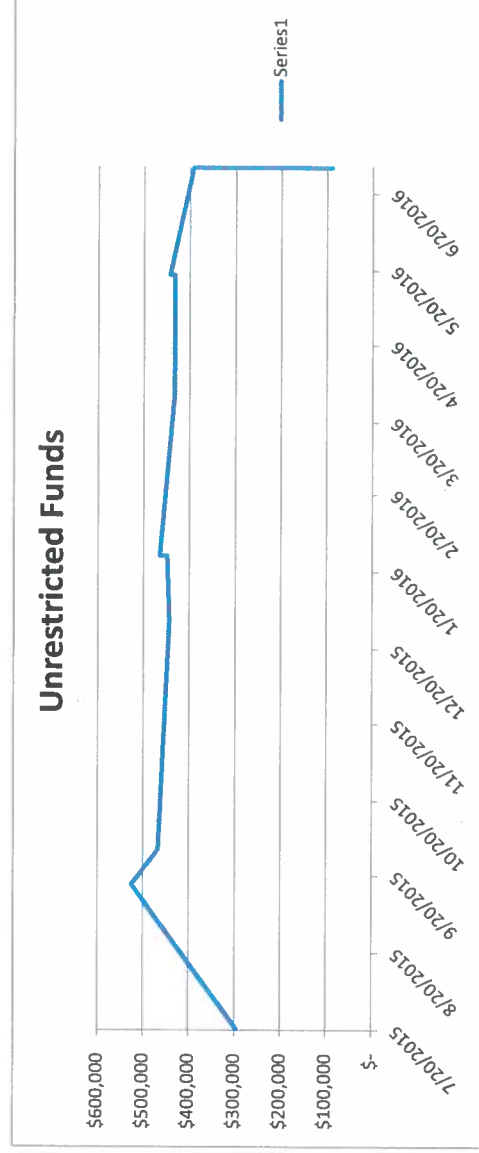
| DATE | FIXED ASSET NO | TRANSACTION DESCRIPTION | CR TRANSACTION AMOUNT | DR RESTRICTED FUND EXPENSE | 01-00- 417003 BALANCE |
|-----------|-------------------|---|-----------------------------|-------------------------------------|-----------------------------|
| 7/20/2015 | | DISBURSMENT FROM CSA | \$ 678,027.00 | | \$ 678,027 |
| 7/31/2015 | MV15.001GM | JD410 BACKHOE | | \$ 150,360.10 | \$ 527,667 |
| 7/31/2016 | MV15.004GM | FIELD VEHICLE - DODGE RAM 1500 | | \$ 28,888.95 | \$ 498,778 |
| 7/31/2015 | MV15.005GM | FIELD VEHICLE - DODGE RAM 1500 | | \$ 28,888.93 | \$ 469,889 |
| 9/9/2015 | OE15.001 | SPRINGBROOK SOFTWARE IMPLEMENTATION | | \$ 7,290.00 | \$ 462,599 |
| 1/26/2016 | N/A | INTEREST EARNINGS (CoSB DISBURSEMENT 1) | \$ 1,572.81 | | \$ 464,172 |
| 3/11/2016 | MV16.001 | DODGE RAM 3500 (30% cost share capital asset) | | \$ 15,232.41 | \$ 448,939 |
| 5/18/2016 | N/A | INTEREST EARNINGS (CoSB DISBURSEMENT 2) | \$ 142.43 | | \$ 449,082 |
| | | | | | |





IMPROVEMENT DISTRICT GOAT MOUNTAIN UNRESTRICTED CASH ACCOUNT SUMMARY

| DATE | TRANSACTION DESCRIPTION | CR DEPOSIT AMOUNT | DR UNRESTRICTED FUND EXPENSE | 01-00-417002 BALANCE |
|------------|---|----------------------|------------------------------------|-------------------------|
| 7/20/2015 | DISBURSMENT FROM CSA | \$ 294,955.81 | | \$ 294,956 |
| 9/16/2015 | "FINAL" DISBURSEMENT FROM CSA | \$ 230,666.23 | | \$ 525,622 |
| 9/30/2015 | FY2015/16 Q1 ID GM DIRECT EXPENSES* | | \$ 58,001.02 | \$ 467,621 |
| 12/31/2015 | FY2015/16 Q2 ID GM DIRECT EXPENSES* | | \$ 23,931.08 | \$ 443,690 |
| 1/26/2016 | PRIOR YR CoSB TAX APPORTIONMENT (Disb. 1) | \$ 4,969.17 | | \$ 448,659 |
| 1/26/2016 | PRIOR YR CoSB TAX APPORTIONMENT (Disb. 1) | \$ 16,032.18 | | \$ 464,691 |
| 1/26/2016 | PRIOR YR CoSB TAX APPORTIONMENT (Disb. 1) | \$ 79.09 | | \$ 464,770 |
| 3/31/2016 | FY2015/16 Q3 ID GM DIRECT EXPENSES* | | \$ 31,859.52 | \$ 432,911 |
| 5/18/2016 | PRIOR YR CoSB TAX APPORTIONMENT (Disb. 2) | | \$ 196.17 | \$ 432,715 |
| 5/18/2016 | PRIOR YR CoSB TAX APPORTIONMENT (Disb. 2) | \$ 3,079.95 | | \$ 435,795 |
| 5/18/2016 | PRIOR YR CoSB TAX APPORTIONMENT (Disb. 2) | \$ 7,716.87 | | \$ 443,512 |
| 6/30/2016 | FY2015/16 Q4 ID GM DIRECT EXPENSES** | | \$ 51,379.69 | \$ 392,132 |
| 6/30/2016 | FY2015/16 Q1 to Q4 INDIRECT EXPENSES | | \$ 304,214.45 | \$ 87,917 |



* Indirect expenses will be reconciled at year-end.

** FYE Corrected for earlier errors



7/1/16

To: Marina West

From: Destiny Diaz

Subject: Service Order Report June 2016

SERVICE ORDER REPORT FOR FISCAL YEAR 2015-2016

| | J | A | S | O | N | D | J | F | M | A | M | J | YTD |
|---|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|
| After Hours Call Out | 2 | 7 | 2 | 1 | 0 | 1 | 1 | 1 | 0 | 3 | 0 | 1 | 19 |
| AirVac Maintenance | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 6 |
| AirVac Replacement | 3 | 1 | 3 | 8 | 3 | 8 | 7 | 8 | 0 | 0 | 0 | 0 | 41 |
| Booster Repair/Maintenance (New Category) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Bulk Stations: Maintenance | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| Close Account | 0 | 2 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 5 |
| Customer Requested Asst | 1 | 9 | 8 | 14 | 9 | 6 | 6 | 4 | 6 | 5 | 5 | 5 | 78 |
| Reported Leaks | 3 | 7 | 2 | 5 | 0 | 3 | 0 | 0 | 4 | 1 | 3 | 6 | 34 |
| Destroy Service Line | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| Exchange Meter | 2 | 3 | 3 | 5 | 0 | 4 | 3 | 6 | 5 | 2 | 6 | 6 | 45 |
| Facility Inspections* | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 7 | 0 | 13 |
| Fire Flow Test | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 |
| Flush Deadend/Blowoffs | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 4 |
| General Maintenance | 0 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 4 |
| Hangtag | 12 | 10 | 14 | 7 | 11 | 10 | 11 | 7 | 10 | 5 | 9 | 9 | 115 |
| Hydrant Maint. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 90 | 0 | 0 | 122 |
| Install New Service | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 3 |
| Lock-Off's | 17 | 16 | 22 | 36 | 19 | 26 | 21 | 11 | 18 | 19 | 30 | 20 | 255 |
| Miscellaneous | 7 | 9 | 13 | 7 | 4 | 6 | 5 | 3 | 5 | 8 | 4 | 8 | 79 |
| Office Repairs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 5 |
| Open New Service | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 4 |
| Pressure Complaint | 0 | 2 | 0 | 3 | 0 | 0 | 1 | 0 | 2 | 1 | 2 | 1 | 12 |
| Pull Meter | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 6 |
| Read Meter | 20 | 11 | 12 | 14 | 10 | 9 | 17 | 17 | 15 | 7 | 10 | 11 | 153 |
| Repair Mainline | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 4 |
| Repair Service Line | 2 | 7 | 4 | 2 | 0 | 1 | 1 | 2 | 4 | 2 | 4 | 11 | 40 |
| Replace Service Line | 8 | 11 | 8 | 3 | 0 | 6 | 4 | 5 | 4 | 1 | 7 | 10 | 67 |
| Reread Meter | 17 | 24 | 17 | 23 | 13 | 13 | 17 | 21 | 14 | 16 | 37 | 41 | 253 |
| Safety Meeting | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tamper | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| Tank/Reservoir Maintenance/Repairs | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Unlock Service | 17 | 16 | 24 | 39 | 19 | 29 | 24 | 21 | 25 | 20 | 31 | 33 | 298 |
| Valve Maintenance | 41 | 36 | 28 | 54 | 79 | 31 | 33 | 0 | 34 | 92 | 110 | 0 | 538 |
| Verify Meter Locked | 1 | 6 | 8 | 7 | 0 | 12 | 0 | 5 | 6 | 5 | 9 | 2 | 61 |
| Water Quality Issues ** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 2 |
| Well Repairs/Maint. And Water Level | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 5 |
| TOTAL | 159 | 182 | 170 | 235 | 172 | 165 | 161 | 111 | 193 | 283 | 280 | 169 | 2280 |

*Includes Inspections for Fire Extinguishers, Vehicles and Facilities

** Includes Water Quality (taste, odor, color)

DATE: 6/27/2016
TO: Board of Directors
FROM: Kit Boyd
RE: MAY 2016 Production

| | <u>Cubic Feet Pumped</u> | <u>Total Gallons Pumped</u> | <u>Average GPM</u> | <u>Total Running Time</u> | <u>acre feet</u> |
|----------------|------------------------------|---------------------------------|------------------------|-------------------------------|------------------|
| Well 2 | Well is "inactive" | | | | |
| Well 3 | 124,500 | 931,260 | 387 | 40.1 | 2.86 |
| Well 4 | Well is "inactive" | | | | |
| Well 6 | 309,920 | 2,318,202 | 388 | 99.6 | 7.11 |
| Well 7 | 30,190 | 225,821 | 344 | 11.3 | 0.69 |
| Well 8 | 287,100 | 2,147,508 | 871 | 41.1 | 6.59 |
| Well 9 | 534,500 | 3,998,060 | 639 | 104.2 | 12.27 |
| Well 10 | 49,940 | 373,551 | 91 * | 68.4 | 1.15 |
| Total | 1,336,150 | 9,994,402 | 457 | 364.7 | 30.67 |

*Well Pump replaced and production restored to approx. 90 gpm

| | | | | |
|-------------------|---------|-----------|-----|------|
| A Boosters | 85,840 | 642,083 | 140 | 76.4 |
| C Boosters | 151,600 | 1,133,968 | 311 | 60.8 |
| Total | 237,440 | 1,776,051 | | |

DATE: 7/7/2016
TO: Board of Directors
FROM: Kit Boyd
RE: June 2016 Production

| | <u>Cubic Feet Pumped</u> | <u>Total Gallons Pumped</u> | <u>Average GPM</u> | <u>Total Running Time</u> | <u>acre feet</u> |
|----------------|------------------------------|---------------------------------|------------------------|-------------------------------|------------------|
| Well 2 | Well is "inactive" | | | | |
| Well 3 | 192,690 | 1,441,321 | 389 | 61.7 | 4.42 |
| Well 4 | Well is "inactive" | | | | |
| Well 6 | 35,990 | 269,205 | 383 | 11.7 | 0.83 |
| Well 7 | 333,560 | 2,495,029 | 344 | 124.2 | 7.66 |
| Well 8 | 446,100 | 3,336,828 | 874 | 63.6 | 10.24 |
| Well 9 | 709,800 | 5,309,304 | 647 | 136.8 | 16.29 |
| Well 10 | 34,060 | 254,769 | 91 * | 46.9 | 0.78 |
| Total | 1,752,200 | 13,106,456 | 491 | 444.9 | 40.22 |

*Well Pump replaced and production restored to approx. 90 gpm

| | | | | |
|-------------------|---------|-----------|-----|-------|
| A Boosters | 114,870 | 859,228 | 139 | 103.1 |
| C Boosters | 203,700 | 1,523,676 | 313 | 81.2 |
| Total | 318,570 | 2,382,904 | | |



DATE: 6/21/2016
TO: Board of Directors
FROM: Kit Boyd
RE: May 2016 Goat Mountain Well Production

| | Cubic Feet Pumped | Total Gallons Pumped | Average GPM | Total Running Time | acre feet |
|--------------|----------------------|-------------------------|----------------|-----------------------|--------------|
| Well GMW1 | 247,580 | 1,851,898 | 219 | 140.9 | 5.68 |
| Well GMW2* | 234,318 | 1,752,700 | 206 | 141.8 | 5.38 |
| Well GMW3 | 0 | 0 | #DIV/0! | 0 | 0.00 |
| Total | 481,898 | 3,604,598 | 213 | 282.7 | 11.06 |

NO FLOW METER AT G.M. BOOSTERS

| | |
|--------------------|------|
| Booster # 1 | 48.2 |
| Booster # 2 | 40.2 |

* Well 2 total production estimated from hour meter as flow meter appears inaccurate
 Flow meter repair is being completed.



DATE: 7/7/2016
TO: Board of Directors
FROM: Kit Boyd
RE: JUNE 2016 Goat Mountain Well Production

| | Cubic Feet Pumped | Total Gallons Pumped | Average GPM | Total Running Time | acre feet |
|--------------|----------------------|-------------------------|----------------|-----------------------|--------------|
| Well GMW1 | 338,030 | 2,528,464 | 214 | 196.5 | 7.76 |
| Well GMW2* | 298,316 | 2,231,400 | 188 | 198 | 6.85 |
| Well GMW3 | 0 | 0 | #DIV/0! | 0 | 0.00 |
| Total | 636,346 | 4,759,864 | 201 | 394.5 | 14.61 |

NO FLOW METER AT G.M. BOOSTERS

| | |
|--------------------|------|
| Booster # 1 | 69.9 |
| Booster # 2 | 58.8 |

* Well 2 total production estimated from hour meter as flow meter appears inaccurate
 Flow meter repair is being completed.

Bighorn-Desert View Water Agency

Board of Directors

J. Larry Coulombe, President
Michael McBride, Vice President
Judy Corl-Lorono, Secretary
J. Dennis Staley, Director
Terry Burkhart, Director



Agency Office

622 S. Jemez Trail
Yucca Valley, CA 92284-1440

760/364-2315 Phone
760/364-3412 Fax

Marina D West, PG, General Manager

A Public Agency

www.bdvwa.org

Board of Directors' Regular Meeting Minutes

Board Meeting Office
1720 N. Cherokee Trail, Landers, CA 92285
Tuesday, June 28, 2016 – 6:00 p.m.

Call to Order

Meeting convened by Board President J. Larry Coulombe at 6:00 p.m.

Pledge of Allegiance

Led by J. Larry Coulombe

Roll Call

Directors Present:

J. Larry Coulombe
Michael McBride
Judy Corl-Lorono
J. Dennis Staley
Terry Burkhart

Staff Present:

Marina West
Michelle Corbin

Approval of Agenda

Motion to approve the agenda.

MSC¹ (Staley/Burkhart) unanimously approved.

Resolution 16R-XX Establishing the Agency's Appropriation Limit for Fiscal Year 2016/2017 at \$161,339.73

General Manager West reported that each year the Board reviews the calculation of the appropriation limit. The appropriation limit concerns the general tax levy and the percentage of general tax levy forwarded to the Bighorn-Desert View Water Agency. The California Constitution sets the limit of the calculation based on information obtained by the California State Department of Finance. The Agency's calculated appropriations limit was confirmed to be greater than the anticipated tax revenue.

No public comment.

Motion No. 16-028

(After brief Board discussion), Vice President McBride made a motion to adopt Resolution No. 16R-06 Establishing the Appropriation Limit of the Agency at \$161,339.73 for fiscal year July 1, 2016-June 30, 2017 pursuant to Article XIII B of the California Constitution.. Director Corl-Lorono seconded the motion.

MSC¹ (McBride/Corl-Lorono)

Coulombe: Y
McBride: Y
Corl-Lorono: Y
Staley: Y
Burkhart: Y

MSC¹ (McBride/Corl-Lorono) unanimously approved.

Stand-By and Availability Fees for Water Services in Improvement District "Goat Mountain" (ID "GM")

Staff member Michelle Corbin reported on the Standby and Availability Fees for Water Services in Improvement District "Goat Mountain" emphasizing that it is an annual action. Only unmetered properties within the Goat Mountain Territory located close enough to the mainline water system are affected.

General Manager West reviewed with the Board the challenges of extending the Standby and Availability Fees for Water Services to other territories within the Agency boundaries.

No public comment.

Motion No. 16-029

(After brief Board discussion), Director Corl-Lorono made a motion to adopt Resolution No. 16R-07 Establishing stand-by and availability fees for water services in Improvement District "Goat Mountain" (ID "GM"). The motion was seconded by Director Burkhart.

MSC¹ (Corl-Lorono/Burkhart)

Coulombe: Y
McBride: Y
Corl-Lorono: Y
Staley: Y
Burkhart: Y

MSC¹ (Corl-Lorono/Burkhart) unanimously approved.

Morongo Basin Pipeline (ID "M") Debt Refinancing Information Item Only.

General Manager West reviewed the payoff options and the savings each (option) presented. The Pipeline Commission has found a mechanism to insure the Morongo Basin Pipeline Debt will be paid off early by lowering the interest rate on the bond and maintaining a 10 ½ cents per one-hundred dollars of assessed value.

Mojave Water Agency's Board via the Pipeline Commission did vote to proceed so therefore a vote is not required by Bighorn-Desert View Water Agency's Board.

Public comment:

Anonymous commented on the interest rate.

California Special Districts Association 2016 Board Election

The Board reviewed the candidate options. Director Staley made a motion to nominate Bill Nelson. The motion failed for lack of a second.

No public comment.

Motion No. 16-030

(After brief Board discussion), Vice President McBride made a motion to vote for John DeMonaco for Seat B of the CSDA Board of Directors 2016 Election. Director Corl-Lorono seconded the motion.

Roll Call Vote:

| | |
|----------|--|
| Ayes: | McBride, Corl-Lorono, Coulombe, Burkhart |
| Nayes: | Staley |
| Abstain: | None |
| Absent: | None |

MSC¹ (McBride/Corl-Lorono) motion carried.

Board to Consider Holding October, 2016 Board Meeting at Landers Bellfield Hall

General Manager West reported it was suggested at a recent meeting the Agency should consider having a Board of Directors' meeting at the Bellfield Hall in Landers. Director Burkhart stated she feels a meeting at Bellfield Hall may bring more public participation.

Public comments:

Anonymous commented he feels this is a good idea.

Anonymous questioned if moving the meeting would be an ongoing occurrence.

Motion No. 16-031

(After brief Board discussion), After Board discussion, Vice President McBride made a motion to hold the October 2016 Board of Director's Meeting at the Landers Bellfield Hall. The motion was seconded by Director Burkhart.

MSC¹ (McBride/Burkhart)

| | |
|--------------|---|
| Coulombe: | Y |
| McBride: | Y |
| Corl-Lorono: | Y |
| Staley: | Y |
| Burkhart: | Y |

MSC¹ (McBride/Burkhart) unanimously approved.

Consent Items

- a. Regular Board Meeting Minutes, May 24, 2016.
- b. Service Order Report, May 2016
- c. Receive and File Regular FPREP Committee Meeting Reports, January 20, 2016.
- d. Receive and File Regular PLEGS Committee Meeting Reports, April 19, 2016.
- e. Appointment of Mr. David Wysocki of the firm Law Offices of David Wysocki Attorney at Law as Agency's General Counsel.
- f. Tax Collector Contract for FY 2016-17 authorizing staff member Michelle Corbin to sign Auditor-Controller/Treasurer/Tax Collector Agreement for Collection of Special Taxes, Fees and Assessments Fiscal Year 2016-17.

No Public comment.

Motion No. 16-032

Vice President McBride made a motion to approve consent items a - f. The motion was seconded by Director Corl-Lorono

MSC¹ (McBride/Corl-Lorono)

Coulombe: Y
McBride: Y
Corl-Lorono: Y
Staley: Y
Burkhart: Y

Matters Removed From Consent Calendar

None

Public Comment Period

No public comment.

Verbal Reports

General Manger West reported that staff has completed maintenance on all of the valves within the Agency. West also reported on the State Water Project noted, that Mojave Water Agency plans to store water at the Ames/Reche Recharge site this year. West also gave a brief update on the inter-tie with Hi Desert Water District.

Director Staley reported on the June 20, 2016 Homestead Valley Meeting and gave a brief update on the landscape garden at the Landers Post Office.

Director Corl-Lorono reported on the June 13, 2016 Municipal Advisory Council Meeting.

Adjournment – President Coulombe adjourned the meeting at 6:59 p.m.

Approved by:

Judy Corl-Lorono, Secretary of the Board

MSC¹ – Motion made, seconded, and carried.



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- Keynote Sessions
- Continental Breakfast with the Exhibitors on Tuesday
- Lunch with the Exhibitors on Tuesday
- Mix and Mingle in the Exhibit Hall on Tuesday
- SDRMA Full Plated Breakfast on Wednesday
- Awards Luncheon on Wednesday
- All Breakout Sessions on Tuesday, Wednesday, and Thursday
- SDLF "Taste of the City" Reception on Wednesday
- Closing Brunch on Thursday

| | | | |
|--|----------|---|---------------------------|
| Name: | | Title: | |
| District: | | | |
| Address: | | | |
| City: | State: | Zip: | |
| Phone: | Fax: | | |
| Email: | Website: | | |
| Member status: <input type="checkbox"/> Member <input type="checkbox"/> Non-member | | | |
| Emergency Contact: | | <input type="checkbox"/> Vegetarian <input type="checkbox"/> Any Special Needs: | |
| Conference Registration Fees | | Early Bird (on or before Sept. 9) | Regular (after Sept. 9) |
| <input type="checkbox"/> CSDA Member - Full Conference | | \$580.00 | \$630.00 |
| <input type="checkbox"/> Non-member - Full Conference | | \$870.00 | \$945.00 |
| <input type="checkbox"/> Guest - Full Conference (Cannot be from a district/company) <input type="checkbox"/> Vegetarian | | \$275.00 | \$315.00 |
| <input type="checkbox"/> CSDA Member - One-day registration <input type="checkbox"/> Tuesday <input type="checkbox"/> Wednesday <input type="checkbox"/> Thursday | | \$275.00 each day | \$290.00 each day |
| <input type="checkbox"/> Non-member - One-day registration <input type="checkbox"/> Tuesday <input type="checkbox"/> Wednesday <input type="checkbox"/> Thursday | | \$415.00 each day | \$435.00 each day |
| Separate Registration Fees | | Member | Non-member |
| <input type="checkbox"/> Pre-Conference Workshop: SDLA Module 1: Governance Foundations - Oct. 10 | | \$225.00 | \$340.00 |
| <input type="checkbox"/> Pre-Conference Workshop: Communication Strategies for Board and Managers - Oct. 10 | | \$150.00 | \$225.00 |
| <input type="checkbox"/> Tour: Carlsbad Desalination Plant - Oct. 10 | | \$ 35.00 (includes transportation/lunch) (limited to 45 attendees) | |
| <input type="checkbox"/> CSDA Annual Golf Tournament - Oct. 10 | | \$ 95.00 (includes lunch) | |
| <input type="checkbox"/> SDRMA Safety Specialist Certificate Program - Oct. 12 | | No cost (SDRMA Members Only) | |
| <input type="checkbox"/> CSDA Awards Luncheon (Guests only) - Oct. 12 | | \$ 45.00 | |
| <input type="checkbox"/> SDLF "Taste of the City" Reception (Guests only) - Oct. 12 | | \$ 60.00 CSDA Member Guest | \$ 90.00 Non-member Guest |
| | | | TOTAL |
| Payment type: <input type="checkbox"/> Check <input type="checkbox"/> Visa <input type="checkbox"/> MasterCard <input type="checkbox"/> AMEX <input type="checkbox"/> Discover | | | |
| Account name: | | Account Number: | |
| Expiration date: | | Authorized Signature: | |

Cancellations/Substitution Policy: Cancellations must be in writing and received by CSDA not later than Friday, September 16, 2016. All cancellations received by this date will be refunded less a \$75 processing fee. There will be no refunds for cancellations made after September 16, 2016. Substitutions are acceptable and must be done in writing no later than September 23, 2016. Please submit any cancellation notice or substitution request to lindseys@csda.net or fax to 916-520-2465.

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RESOLUTION NO. 16R-XX
RESOLUTION OF THE BOARD DIRECTORS OF THE
BIGHORN-DESERT VIEW WATER AGENCY
ADOPTING THE BIGHORN-DESERT VIEW WATER AGENCY
LOCAL MULTI-HAZARD MITIGATION PLAN

WHEREAS, the Bighorn-Desert View Water Agency recognizes the threat that natural hazards pose to people and property within our service area; and

WHEREAS, undertaking hazard mitigation actions will reduce potential for harm to people and property from future hazard occurrences; and

WHEREAS, the U.S. Congress passed the Disaster Mitigation Act of 2000 ("Disaster Mitigation Act") emphasizing the need for pre-disaster mitigation of potential hazards; and

WHEREAS, the Disaster Mitigation Act made available hazard mitigation grants to state and local governments; and

WHEREAS, an adopted Multi-Hazard Mitigation Plan is required as a condition of future funding for mitigation projects under multiple FEMA pre- and post-disaster mitigation grant programs; and

WHEREAS, the Bighorn-Desert View Water Agency fully participated in the FEMA-prescribed mitigation planning process to prepare this Multi-Hazard Mitigation Plan; and

WHEREAS, the California Governor's Office of Emergency Services and the Federal Emergency Management Agency officials have reviewed the Bighorn-Desert View Water Agency's Local Multi-Hazard Mitigation Plan and approved it contingent upon this official adoption of the participating; and

WHEREAS, the Bighorn-Desert View Water Agency desires to comply with the requirements of the Disaster Mitigation Act and to augment its emergency planning efforts by formally adopting the Bighorn-Desert View Water Agency Local Multi-Hazard Mitigation Plan; and

WHEREAS, adoption by the governing body for Bighorn-Desert View Water Agency demonstrates the jurisdiction commitment to fulfill the mitigation goals and objectives outlined in this Multi-Hazard Mitigation Plan; and

WHEREAS, adoption of this legitimacies the plan and authorizes responsible agencies to carry out their responsibilities under the plan; and

WHEREAS, the Bighorn-Desert View Water Agency believes it is in the best of the jurisdiction to adopt the Multi-Hazard Mitigation Plan.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of Bighorn-Desert View Water Agency as follows:

Section 1. That Bighorn-Desert View Water Agency hereby adopts the Bighorn-Desert View Water Agency Local Multi-Hazard Mitigation Plan as its official plan.

Section 2. That the Bighorn-Desert View Water Agency will submit this Adoption to the State of California office of Emergency Services and the County of San Bernardino County Office of Emergency Services for forwarding to Federal Emergency Management Agency.

Section 3. That entering into the "San Bernardino County Multi-Hazard Mitigation" is found to be in the best interest of the Bighorn-Desert View Water Agency, and necessary for the preservation of the public health and safety.

PASSED, APPROVED, AND ADOPTED by the Board of Directors to Bighorn-Desert View Water Agency this 26th day of July 2016.

By _____
J. Larry Coulombe, President of the Board

ATTEST:

Judy Corl-Lorono, Secretary of the Board

U.S. Department of Homeland Security
1111 Broadway, Suite 1200
Oakland, CA. 94607-4052



FEMA

June 24, 2016

Gary Sturdivan
Bighorn Desert View Water Agency
P>O> Box 433
Beaumont, CA 92223

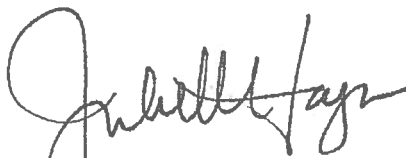
Dear Mr. Sturdivan:

We have completed our review of the *Hazard Mitigation Plan; Bighorn-Desert View Water Agency* and have determined that this plan is eligible for final approval pending its adoption by the Bighorn-Desert View Water Agency.

Formal adoption documentation must be submitted to the Regional office by the Jurisdiction within one calendar year of the date of this letter, or the entire plan must be updated and resubmitted for review. We will approve the plan upon receipt of the documentation of formal adoption.

If you have any questions regarding the planning or review processes, please contact JoAnn Scordino, Community Planner at (510) 627-7225, or by email at joann.scordino@fema.dhs.gov.

Sincerely,


for Jeffrey D. Lusk
Division Director
Mitigation Division
FEMA Region IX

Enclosure

cc: Marsha Sully, California State Office of Emergency Services, Hazard Mitigation Officer
Jose Lara, Chief, California State Office of Emergency Services, Hazard Mitigation Planning

Hazard Mitigation Plan Bighorn-Desert View Water Agency Homestead Valley Community California 92285

BDVWA Board Adoption Date: July 26, 2016
Approved by CalOES August 14, 2015
Revised June 2016
Approved by FEMA June 2016
Incorporated County Water System included

Primary Point of Contact:

Marina West PG
General Manager
San Bernardino County, CA
(760) 364-2315 (office)



BIGHORN
DESERT
VIEW
WATER
AGENCY

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Appendix A – BDVWA Board Resolution

Appendix C - Water Conservation Ordinance 358 Section 15

Attachments

Attachment A- Public Meetings, Board Agendas, and Minutes

Attachment B- Planning Team Meeting Agenda's, and Minutes

Attachment C- Generator Sizing, per Facility

Web-Links

Water Master Plan: <http://www.bdvwa.org/wp-content/uploads/2014/08/DOC003.pdf>

Urban Water Master Plan, under Mojave Water Agency:

<http://www.mojavewater.org/planning.html>

SECTION 1: INTRODUCTION

1.1 Purpose of the Plan

Emergencies and disasters cause death or leave people injured or displaced; cause significant damage to our communities, businesses, public infrastructure and our environment; and cost tremendous amounts in terms of response and recovery dollars and economic loss.

Hazard mitigation reduces or eliminates losses of life and property. After disasters, repairs and reconstruction are often completed in such a way as to simply restore infrastructure to pre-disaster conditions. Such efforts expedite a return to normalcy; however, the replication of pre-disaster conditions results in a cycle of damage, reconstruction, and repeated damage. Hazard mitigation attempts to break this cycle, which results in a reduction in hazard vulnerability.

While we cannot prevent disasters from happening, their effects can be reduced or eliminated through a well-organized public education and awareness effort, preparedness, and mitigation. For those hazards, which cannot be fully mitigated, the community must be prepared to provide efficient and effective response and recovery to emergencies.

1.2 Authority

The Bighorn-Desert View Water Agency is a consolidated independent Special District, formed in, operating pursuant to the provisions of the Bighorn-Desert View Water Agency Law, California Water Code Appendix 112-1 et. Seq. The BDVWA is governed by a five (5) member Board of Directors, elected at-large from within the Agency's service area. The General Manager administers the day-to-day operations of the BDVWA in accordance with policies and procedures established by the Board of Directors. In addition to the General Manager, the BDVWA employs six (6) full time employees organized into two departments: Administration and Operations.

As required by the Department of Homeland Security's Federal Emergency Management Agency (DHS-FEMA), all Hazard Mitigation Plans (HMP) must be updated, adopted, and approved every five (5) years. The Bighorn-Desert View Water Agency (BDVWA) has not had a Hazard Mitigation Plan in the past. The purpose of completing a plan is to validate and incorporate information into the plan and identify the hazards to the community and formulate mitigation measures for the future protection of the community and critical infrastructure. It should also be noted that an approved HMP is required to receive federal assistance under the Hazard Mitigation Grant Program (HMGP) or Pre Disaster Mitigation (PDM) programs.

1.3 Community Profile

The Bighorn-Desert View Water Agency provides water service to approximately 1,450 active residential customers, 400 infrequent/inactive customers, and 100 bulk-hauling customers within its forty-four (44) square mile service area, located in the Western Mojave Desert of San Bernardino County. The BDVWA encompasses the unincorporated Homestead Valley Communities in the County known as Flamingo Heights, Johnson Valley, and Landers.

1.3.1 Physical Setting

The Bighorn-Desert View Water Agency is located in the State of California, San Bernardino County High Desert area, 30 miles North of Interstate 10 and Palm Springs, and Southeast of the City of Victorville. The Community of Landers and the Bighorn-Desert View Water Agency are located in the South Eastern section of the Mojave Desert on the Eastern side of the San Bernardino Mountains.

The Mojave Desert occupies a significant portion of Southern California and parts of Utah, Nevada, and Arizona. Named after the Mojave Native Americans, it occupies roughly 54,000 square miles in a typical Basin and Range topography. The Mojave Desert is bound in part on the Western ends by the Tehachapi Mountains together with the San Gabriel and San Bernardino Mountain Ranges. The mountain boundaries are quite distinct since they have been created by the two largest faults in California: the San Andreas and the Garlock. Its Northern and Eastern boundaries are less distinct. One way to determine location is by observing the presence of Joshua Trees. The Mojave Desert receives less than 6 inches of rain a year and is generally between 3,000 and 6,000 feet in elevation. The Mojave Desert also contains the Mojave National Preserve; Joshua Tree National Park; and the lowest-hottest place in North America: Death Valley, where the temperature can approach 120 F in late July and early August. The Mojave Desert, like all deserts in general, is known for its summer heat; however, in the wintertime - cold. Snow, although uncommon, does fall in parts of the Mojave Desert. Amounts range from just a trace, to a foot or more of heavy wet snow, which can lead to freeway traffic closures, and the population being "snowed in." The coldest wintertime temperature ranges well below freezing. Many parts of the Mojave Desert typically range from highs of around 95-105° F in the summer, to lows of around 15-30° F in the winter, and may dip even lower. High winds, often above 50 miles per hour, are also a weather factor and occur frequently along the Western end of the Mojave Desert.

1.3.2 History

Bighorn-Desert View Water Agency

The Bighorn-Desert View Water Agency is a consolidated Independent Special District, formed in 1990, working pursuant to the provisions of the Bighorn-Desert View Water Agency Law, California Water Code Appendix, Sections 112-1 et. Seq. The BDVWA is governed by a five (5) member Board of Directors, elected at-large from within the Agency's service area. The General Manager administers the day-to-day operations of the BDVWA in accordance with policies and procedures established by the Board of Directors. In addition the General Manager, the BDVWA employs six (6) full-time employees organized into two departments: Administration and Operations. The BDVWA's Board of Directors regularly scheduled meetings are on the fourth Tuesday of each month at 6:00 p.m. Meetings are publically "noticed" and citizens are encouraged to attend.

The BDVWA provides water service to approximately 1,450 residential customers, 400 infrequent/inactive customers, and 100 bulk-hauling customers within its forty-four (44) square-mile service area, located in the Western desert of San Bernardino County. The BDVWA encompasses the unincorporated communities in the county known as Flamingo Heights, Johnson Valley, and Landers.

Community of Landers

Landers, lies in the Homestead Valley section of San Bernardino County, also known as the Southeastern part of the Mojave Desert. The town's elevation is 3,100 feet (940 m) above sea level.

Landers is located approximately 14 miles north of Yucca Valley; is bordered by the Village of Joshua Tree to its southeast; Johnson Valley to its north; and Pioneertown to its southwest. California State Route 247, named "Old Woman Springs Road," passes through Landers from Yucca Valley en route north to Barstow.

The U.S.P.S. Landers Post Office is located at Landers Lane and Reche Road, serving Zip Code 92285. A Loyal Order of Moose Lodge, convenience store, realty office, chamber of commerce, elementary school, and community center are also located in the mostly residential community. The Landers Airport has a short runway, adequate for single engine aircraft.

The 1992 Landers earthquake was a magnitude 7.3, earthquake that occurred on June 28, 1992 with an epicenter near the Community of Landers and Flamingo Heights, California.

County of San Bernardino

San Bernardino County, officially the County of San Bernardino, is a County located in the southern portion of the U.S. State of California. As of the 2010 U.S. Census, the population was 2,035,210, up from 1,709,434 in the 2000 census. With an area of 20,105 square miles, San Bernardino County is the largest county in the United States by area. It is larger than each of the nine smallest States. San Bernardino County is larger than 71 different sovereign nations.

Located in southeast California, the thinly populated deserts and mountains of this vast county stretch from where the bulk of the county population resides in two Census County Divisions, some 1,422,745 people as of the 2010 Census, covering the 450 square miles south of the San Bernardino Mountains in San Bernardino Valley to the Nevada border and the Colorado River.

1.3.3 Demographics

The BDVWA service area is commonly called a bedroom community. The community has no public hospitals or major manufacturers within its boundaries. The BDVWA service area contains approximately 44 square miles and currently serves approximately 2,000 residents over a large service area. The Landers, Johnson Valley and Flamingo Heights are listed by the State of California, as a severely disadvantaged community.

1.3.4 Existing Land Use

The existing land use is housing and small to light industry. The largest employer in the area is the 29 Palms Marine Base, the largest Marine Base in the world. However, 29 Palms has most of the military housing, and the Landers area only benefits slightly from the installation, due to the fact that there are no finished roads from the Landers area into the Marine Base.

1.3.5 Development Trends

The development of the Landers area has been insignificantly since the housing industry crash. The BDVWA has not seen an increase of the housing market or any development in the BDVWA boundaries. There are no new housing projects or planned development of either industry or housing in the near future.

SECTION 2: PLAN ADOPTION

2.1 Adoption by Local Governing Body

This 2014 Hazard Mitigation Plan (HMP) will be presented to the Bighorn-Desert View Water Agency's Governing Body for adoption upon final FEMA approval.

Upon adoption, The Board meeting minutes will be included within the HMP.

2.2 Promulgation Authority

This Hazard Mitigation Plan was reviewed and approved by the Elected members of the Bighorn Desert View Water Agency Board of Directors:

Ms. Judy Corl-Lorono

Board President

Description of Involvement: Board President, Bighorn-Desert View Water Agency Board of Directors

Mr. J. Dennis Staley

Vice President

Description of Involvement: Vice-President, Bighorn-Desert View Water Agency Board of Directors

Mrs. Terry Burkhart

Director/ Board Secretary

Description of Involvement: Director, Bighorn-Desert View Water Agency Board of Directors

Mr. Michael McBride

Description of Involvement: Director, Bighorn-Desert View Water Agency Board of Directors.

Mr. J. Larry Coulombe

Director

Description of Involvement: Director, Bighorn-Desert View Water Agency Board of Directors

Ms. Marina West, PG

General Manager / Chief Engineer

Description of Involvement: General Manager, Bighorn-Desert View Water Agency

2.3 Primary Point of Contact

The Point of Contact for information regarding this plan is:

Marina West, PG

General Manager/ Chief Engineer
Bighorn-Desert View Water Agency
622 South Jemez Trail
Yucca Valley CA 92284
760-364-2315 (Office)

Or

Gary Sturdivan

Sierra West Consultants
gsturdivan@mac.com
909-658-5974

SECTION 3: PLANNING PROCESS

The purpose of this section is to document the planning process that was taken to review and compile information that would lead to an affective Hazard Mitigation Plan (HMP). A comprehensive description of the planning process not only informs citizens and other readers about how the plan was developed, but also provides a permanent record of how decisions were reached so it can be replicated or adapted in future plan updates. An integral part of the planning process is documentation of how the public was engaged throughout the process.

This HMP was completed with the coordination and involvement of the BDVWA staff, which have a vested interest in the resiliency of the Agency. Additionally, other involved team members are employees from other water agencies in the area, such as Joshua Basin Water District and Hi- Desert Water District; local community concerned citizens; the Morongo Basin community; and the Board of Directors. For example, one person on the Planning Team has been with BDVWA since 2002 and knows the history of previous hazards affecting the Agency. This team developed and implemented the planning process.

This section includes a list of the Planning Team Members, a summary of the meetings held, coordination efforts with the surrounding communities/groups, and all Public Outreach efforts.

3.1 Preparing for the Plan

The Planning Team reviewed the FEMA, Hazard Mitigation Planning Crosswalk: the hazards that could and have had an effect on the region in the past. Once the Planning Team had reviewed these documents and added any new hazard and mitigation program information, recommendations were presented for public review and input. Since there are no San Bernardino County or FEMA flood, flash flooding Severe Storm maps or written documentation of past events; the team discussed the different events that have happened in the community, such as flash flooding, earthquakes, windstorms, power outages and freezing events. The leadership of the members of the planning team have been longtime residents of the community and have lived through the emergency events that have affected the community in the past 30-years and could tell the planning team firsthand information.

The process consisted of:

- Documenting of past events
- Incorporating data
- Engaging the Planning Team
- Posting the meeting agendas, meeting minutes and draft HMP onto the BDVWA's website and asking for public input and comments on the planning process
- Sharing information at the monthly BDVWA Board Meetings
- Conducting Public Outreach

The Planning Team provided a better understanding of the planning process and was able to give a timeframe of the effort.

During the planning process the Planning Team utilized the following plans to gain information on the hazards that face the area and the mitigation goals of the Town of Yucca Valley and the County of San Bernardino. The following plans were utilized.

- East Valley Water District LMHP
- San Bernardino County HMP
- USGS Golden Guardian Shake Out 2008
- Joint Water Agency, Water Master Plan
- California HMP 2013

Plans Reviewed by Team

| <u>Study Plan</u> | <u>Key Information</u> |
|--|---|
| East Valley Water Districts LMHP | Layout of an LHMP for water agencies |
| San Bernardino County HMP | Mitigation measures and goals, Hazards, |
| USGS Golden Guardian 2008 | Earthquakes, affects, planning |
| Joint Water Agency, Water Master Plan | Land use for area, future projects |
| 2013 California HMP | Goals for the State of California |
| San Bernardino County Flood Control | Gain information on future flood control projects, County has no projects in this area and no records |
| FEMA Flood Insurance Study for S.B. County | Flood history, no records in this area |

Financial Resources for future Mitigation projects

| Local | Revenues | Amount |
|---|---|--|
| Bighorn Desert View Budgets for 2012 1 2014 | Water Sales, new construction | Varies from year to year |
| FEMA Grants | None | None |
| Landers/Big bear Earthquake Documents | FEMA recovery funds | 2 million |
| Prop 1 Funding opportunities | None at this time | Varies |
| FEMA Mitigation Grants | District has not applied for FEMA funding in the past | As funding and approval are obtained |
| Future Budget Funds Considerations | Water Sales | Varies as funding is available each year |

3.1.1 Planning Team

This Hazard Mitigation Plan was compiled and authored by members of the following Planning Team:

Ms. Marina West, PG

General Manager/ Chief Engineer

Description of Involvement: Planning Team Member

Ms. West is the General Manager for Bighorn Desert View Water Agency. Ms. West coordinates meetings and has direct input into the planning of the Mitigation Planning Team. Ms. West attends all mitigation meetings and has a vast knowledge of the area and the BDVWA's past history in emergencies. Ms. West is a Registered Professional Geologist. She has a State of California Water Distribution certification D-5 and Treatment T-2, with over 25 years of professional experiences in the water industry in California.

Ms. Judy Corl-Lorono

President of the Board of Directors, Bighorn Desert View Water Agency

Description of Involvement: Planning Team Member

Service to the community has been a major part of Ms. Corl-Lorono life since moving to Yucca Valley in 2001. Ms. Corl-Lorono worked for the Salvation Army, running a thrift store in Yucca Valley. Ms. Corl-Lorono put the skills learned in the hotel and food industry to use running a free food distribution center in Palm Desert. She embodies the spirit of her community. As a Director BDVWA, Ms. Corl-Lorono has focused on learning about water related issues and served as President of the Board in 2008/2009 and has served as Vice-President of the Board. Ms. Corl-Lorono is current President of the BDVWA Board for 2013/2014

Mr. Gary Sturdivan

HMP Consultant

Description of Involvement: Planning Team Lead

Gary Sturdivan is the Consultant hired by Bighorn-Desert View Water Agency as Team Leader for the BDVWA's Mitigation Plan. Mr. Sturdivan sets the Agenda for all mitigation meetings, compiles all information for public input, and coordinates all mitigation meetings. Mr. Sturdivan takes information to the Agency's Board of Directors and oversees information for input into the Mitigation Plan. Mr. Sturdivan has a vast knowledge of Mitigation Planning, Grant Funding, and Emergency Management. Mr. Sturdivan worked in the water industry for 25 years prior to retiring in 2011.

Mr. Mark Ban
Assistant General Manager
Hi-Desert Water District

Description of Involvement: Planning Team Member

Mr. Ban has a vast knowledge of the issues facing water agencies in the Desert along with the hazards, mitigation, and operations of middle-sized water districts. Mr. Ban has been a past Planning Team Member in other HMP planning teams in the San Bernardino and Riverside Counties. Mr. Ban and Hi-Desert Water District are members of the Emergency Response Network of the Inland Empire.

Mr. Steve Corbin
Water Production Operator II
Joshua Basin Water District

Description of Involvement: Planning Team Member

Mr. Corbin is a Water Production Operator II at Joshua Basin Water District. Mr. Corbin has 7-years of experience in the water industry and 34-years experience in electro-mechanical manufacturing/repair and metal fabrication/welding. Mr. Corbin understands the effects disasters have on the community and the importance of a safe water supply to the community.

Ms. Judith Laffoon
Area Resident and Customer of Bighorn Desert Water Agency Water

Description of Involvement: Planning Team Member

Judith Lynn Laffoon is an Administrative Assistant (ret.), Maintenance and Operations - Morongo Unified School District. Landers resident of 21-years; member of the Landers Association; BDVWA customer; CERT Team Leader for the Community of Landers, and active volunteer in multiple disaster organizations: Morongo Basin CERT, American Red Cross, ARES, Morongo Basin Emergency Management Council (CERT), California Disaster Corp, and SoCal VOAD.

Mr. David Rewal
Lead Water Distribution Operator

Description of Involvement: Planning Team Member

Mr. Rewal is the Lead Water Distribution Operator at Bighorn-Desert View Water Agency and has been with the Agency since 2001. Mr. Rewal is a key person in the daily operations of the Agency's water distribution system. Mr. Rewal possesses a State of California Water Distribution Certificate Level D-3, and a Treatment Certificate T-2. Mr. Rewal is an avid golfer and competes in golf fundraisers in and around the Morongo Basin.

Mr. David Rodriguez

Area Resident/Engineering Tech

Description of Involvement: Planning Team Member

Mr. Rodriguez is a 35 year resident of Yucca Valley, and has work experience in the field of Civil Engineering and Land Planning. Mr. Rodriguez has worked with local civil engineering firms including Joshua Basin Water District, where Mr. Rodriguez served as the District's Resident Engineer and Inspector. Mr. Rodriguez has been involved in the Town of Yucca Valley's General Plan Advisory Committee. Mr. Rodriguez is self-employed as a Civil Engineering/Land Planning Consultant and is currently the Engineering/Inspection Consultant with Bighorn Desert View Water Agency.

Mr. Ken Jones

Area Resident and Customer of Bighorn Desert View Water Agency

Description of Involvement: Planning Team Member

Mr. Jones is the Morongo Basin CERT Team Leader for the Community of Flamingo Heights, Morongo Basin CERT Member, and Vice-President of Flamingo Heights HAM Radio Community Association. He is a long time resident of the California Desert.

3.2 Coordination with Other Jurisdictions, Agencies, and Organizations

Mr. Gary Sturdivan is coordinating the Hazard Mitigation Planning Team for Bighorn Desert View Water Agency. The General Manager of BDVWA has asked several agencies and residents to participate in the planning of this document. The Team consists of one person from nearby Joshua Basin Water District, one person from nearby Hi-Desert Water District, two persons from BDVWA, a Contract Engineering Technician and three members of the public who live in the area. The County of San Bernardino Office of Emergency Services has been asked to participate on the Planning Team; however, San Bernardino County OES didn't responded to our request. However the GIS person from San Bernardino County Office of Emergency Services provided the hazard map for fire, flooding and flash flooding. County OES HMP Officer Miles Wagner reviewed the revised HMP.

The Team participated in bi-weekly meetings to coordinate and receive support for the HMP. The support included receiving technical expertise, resource materials, and tools, not only to expedite the HMP process, but also to ensure that the information received is in compliance with the Federal requirements of the program. The tools, resource materials, and other project related information is maintained on a Project Portal (www.bdvwd.org) to ensure the information is available to all participants and the public at large. The public was asked to review the materials posted on the Agencies Website and to bring all questions, concerns and comments pertaining to the draft HMP to the BDVWA Board of Directors monthly meeting. Each Board meeting was opened with a section for HMP public comments, concerns and questions. Mr. Sturdivan attended all public meetings and gave the Board and any public attendees, updates on the HMP. Time was given to answer any questions or public comments. There were never any comments, concerns or corrections voiced or written at any meeting. Mr. Sturdivan never received any emails in regards to the plan. After Mr. Sturdivan gave the updates on the plan, and asked if there were any comments, corrections or concerns, at each Board of Directors Meetings, hearing none, the public comments section was closed and the Board of Directors opened their normal Board Meeting.

Also, interaction with other local water agencies proved valuable input into the development of the mitigation projects for the plan. Water agencies within the Morongo Basin, in San Bernardino County, met twice monthly for five months with Mr. Sturdivan to collectively discuss necessary decisions for the HMP and ideas to streamline the process. Bighorn-Desert View Water Agency hosted meetings at the Agency Boardroom and organized the process for participating water agencies and participation from the general population of the agencies residents.

3.3 Public Involvement/Outreach

An effort was made to solicit public input during the planning process at the BDVWA Board Meetings beginning in March 2014 until completion of the plan. Information about the plan is posted on the Agency's website (www.bdvwa.org) and on Board Agendas for any public comments. Monthly Board Meetings are opened with a HMP Section for "Public Comment," where the Consultant Mr. Sturdivan is available to answer any comments or questions that may come up from the public. Mr. Sturdivan updates the Board of Directors and the Public on the progress of the HMP. Board Members and the Public are given time to ask questions. Questions are addressed at these meetings, or answered in writing after the meeting. The Public HMP meetings were video recorded and meeting minutes taken. Residents that attended the Board Meetings were happy to hear that BDVWA was working on an HMP, happy that the agency is taking an active roll in preparing for

disasters and looking for ways to mitigate the affects disasters have on the infrastructure, but the residents that attended the Board Meetings made no comments. Generally the public attended the Board Meeting to understand the Agencies budget, and incorporation of a small county controlled water agency that has been absorbed into BDVWA and is included in this HMP.

There were three members of the public on the HMP Planning Team: Judith Laffoon, David Rodriguez and Ken Jones all long-time area residents.

The 2014 agendas and meeting minutes, and portions of the HMP are posted on the Agency's website as the HMP was written, asking for public comments and informing the public that comments could be made by contacting Mr. Sturdivan, by email, (email address was shown) or by calling Mr. Sturdivan (phone number was listed).

See **Attachment A** for the details of the public involvement process such as the meetings dates, purpose, agendas, sign-in sheets, minutes and public comments.

3.4 Assess the Hazard.

This HMP has been developed through an extensive review of available information on hazards the Agency has faced in the past and most likely will face in the future. The Team viewed and discussed items that have happened in the State of California as well as disasters that have happened in desert areas in the United States. The Team reviewed documents such as engineering drawings, aerial photographs, and available geotechnical and geologic data both from the Internet and outside sources (for example, California Geological Survey for detailed fault investigation reports).

The Planning Team completed the assessment of the various hazards in a group. The Team has an average of 30 years of personal experience working in a water utility and knows the history of past hazardous events, such as the 1992 Landers Earthquake a 7.3 magnitude earthquake that severely impacted the region. This earthquake's epicenter was at 34° 13' N, 116° 26' W 6 miles north of Yucca Valley in the area of Landers, CA. The fault rupture was within 10 feet of one of the BDVWA's reservoirs.

3.5 Set Goals

The process of identifying mitigation goals began with a review and validation of damages done to the agencies in the surrounding area. The Planning Team completed an assessment and had a discussion of whether each of the mitigation goals was valid. This discussion also led to the opportunity to identify new goals and objectives for mitigation in the Plan such as pipelines that are undermined in flooding and debris flow each year.

The Agency's Planning Team set the goals for the 2014 HMP. The team members understand and know the issues facing the Agency with respect to the Agency's Mission Statement "To provide a high quality supply of water and reliable service to all customers at a fair and reasonable rate."

At one of the planning meetings, the group "brainstormed" to determine the best mitigation goals to reduce or avoid long-term vulnerabilities and to identify the hazards. First, the team reviewed the past hazards that have faced the area and other water agencies in the area and discussed the changes

in the community in the previous several years. Then the team decided whether those hazards were still viable today. Some hazards were removed and other hazards were added to the list.

3.6 Review and Propose Mitigation Measures

Meetings were held with the Planning Team to solicit their input and review all of the hazards identified in the Plan. The Team identified what mitigation measures could be utilized to mitigate the hazards in the future for each critical piece of infrastructure. Each meeting focused on specific hazards, BDVWA facilities, risk assessment, mitigation strategy, and plan maintenance

3.7 Draft Hazard Mitigation Plan

The consultant for the Agency led the Planning Team and wrote the MHP with the input of the Planning Team, Board of Directors, and public comments into the Draft Plan. The Planning Team members reviewed and commented on the changes, and the consultant revised the plan before the HMP was finalized and adopted by the Board of Directors.

The HMP's will be reviewed against a FEMA-designed Crosswalk. The Crosswalk links the Federal Requirements and identifies the sections in the HMP where the information can be found and a rating as to the level of compliance with the regulation.

3.8 Adopt the Plan

Upon finalizing the HMP by the Planning Team, the HMP was sent to the Agency's Board of Directors for adoption. The 2014 HMP was adopted as written, at the Agency's regularly scheduled Board Meeting on October 21, 2014. The HMP was then sent to the State of California, before being sent to FEMA for approval.

California Office of Emergency Services sent the HMP back to BDVWA for revisions, clarifications and additions.

The Draft HMP was revised and sections were rewritten for better clarification and understanding. Part of the original HMP team came back together to review the changes to the plan. Judy Lafoon, Mark Ban and Mr. Sturdivan made the additions and changes to the plan. The draft HMP was posted on the Agencies Web site for 30 days, asking for comments from the public. The public could comments by contacting Mr. Sturdivan by email or by phone. There were no public comments received by Mr. Sturdivan.

The revised HMP will be re-adopted by the BDVWA Board of Directors after being approved by the State of California. The adoption and Board Meeting Minutes showing adoption will be attached to the HMP.

SECTION 4: RISK ASSESSMENT

The goal of mitigation is to reduce the future impacts of a hazard including property damage, disruption to local and regional economies, and the amount of public and private funds spent to assist with recovery. However, mitigation should be based on risk assessment.

The purpose of this section is to describe the methodology taken to understand the hazards in the Agency's service area. There are generally four (4) steps in this process: 1) identify and screen the hazards; 2) profile the hazards; 3) inventory the assets; and 4) estimate losses.

A risk assessment involves measuring the potential loss from a hazard event by assessing the vulnerability of buildings, infrastructure, and people. It identifies the characteristics and potential consequences of hazard areas of the BDVWA that could be affected by a hazard, and the impact on Agency's assets. A risk assessment consists of three components: 1) hazard identification; 2) vulnerability analysis; and 3) risk analysis. Technically, these are three different items, but the terms are sometimes used interchangeably.

4.1 Hazard Identification

During a "brainstorming session" with the Planning Team Members, all hazards were discussed. Some of the items were not used in the plan because the likelihood of such hazards as tsunami, hurricane or tornado affecting this area is very slim at best.

4.1.1 Hazard Screening Criteria

The intent of screening the hazards is to help prioritize which hazard creates the greatest concern to the BDVWA. The process that was implemented is logical and can be universally applied.

A list of the natural hazards to consider was obtained from Federal Emergency Management Agency's (FEMA) State and Local Mitigation Planning How-to Guide: Understanding Your Risks (FEMA 386-1), and guidance from the American Water Works Association. The Agency's Planning Team reviewed each hazard on the list, using their experience with the hazards, and the following conclusions were drawn.

Natural hazards considered by the Agency's Planning Team include the following:

- Earthquake
- Flash Flooding/Mudslides/Landslides
- Terrorist Events
- Wildfire
- Freezing Events
- Power Failure
- Windstorms
- Drought
- Long term
- Volcanoes

The following natural hazards were considered not to affect or be a risk to the Agency by the Planning Team:

- Wildfire
- Windstorms
- Volcanoes
- Drought

4.1.2 Hazard Assessment Matrix

For the 2014 HMP the BDVWA is utilizing a non-numerical ranking system for the hazard screening process. This process consists of generating a non-numerical ranking (similar to high, medium, and low) rating for the probability and impact of each screened hazard. For each of the Agency's screened hazards:

- For **Probability**, the rating options are: Highly Likely, or Somewhat Likely
- For **Impact**, the rating options are: Catastrophic, Critical, or Limited

Table 2:

The screening assessment matrix is used for the Agency's hazards. The hazards have been placed in the appropriate/corresponding box/cell of the corresponding "Hazard Matrix" based on the Planning Team's experience. A subset of this group of hazards is used for the prioritization of the hazards in the following section.

| Probability | Impact | | | |
|-------------|-----------------|---|---------------------------|------------------------|
| | | Catastrophic | Critical | Limited |
| | Highly Likely | Earthquake Flash flooding Mudslides | Freezing Power failure | Long-term Drought |
| | Likely | Terrorist Event | | |
| | Somewhat Likely | | Wind storms | Wildfires Volcanoes |

4.1.3 Hazard Prioritization

Using the hazard screening criteria and assessment matrix discussed in the previous two sections, the Agency's Planning Team identified the following two hazards to be the most likely to affect the Agency:

1. **Earthquake:** There are many faults running through the BDVWA's service area. The 1992 Landers earthquake caused catastrophic damage to the Agency's distribution system, wells, and reservoirs. FEMA replaced portions of the pipelines after the 1992 Landers Earthquake. The local faults could potentially damage 100% of the Agency's critical facilities.
 2. **Flash Flooding, Mudslides/Landslides:** Flash flooding is very common in the San Bernardino County Deserts, and happens almost yearly. The last event of flooding was in 2013. The flash flooding was very heavy. Before the 2013 event there was flooding in 2011. These events uncover pipelines in the dirt roads throughout the distribution system. When San Bernardino County Road Department comes in after the flooding to re-cut the dirt roads, the heavy equipment and graders uncover the pipelines, sometimes taking the stem off the "gate-valve," and other times scrape the tops of the pipeline which leaves them exposed and vulnerable to damage. As A/C pipe ages, it becomes very brittle and tends to rupture when it is moved or disturbed. Once a hole develops in a section of pipe, the pipe will split requiring the entire section of pipe to be replaced.
 3. **Freezing Events:** The temperature range in the Morongo Basin is quite extreme. Temperatures range from a low of 20 degrees in the winter to 115 degrees in the summer months. The BDVWA had a major freezing event during the winter of 2010 and 2013, which froze water in the pipe coming out of a wellhead. Freezing this pipe can cause damage to the pump motor and rupture the pipe.
 4. **Terrorist Event:** The largest Marine Base in the world is located within 5 miles of the BDVWA's eastern boundary. A major terrorist event at the Marine Base could have a negative effect on the water supply or damage to the infrastructure of the Agency, leaving the Agency with no power and no water in the system due to ruptured pipelines.
- Power Failure:** Power failure that is long lasting will affect the delivery of water from the wells that feed the water system. BDVWA pumps ground water from the underground aquifer into the distribution system as potable water. The water is chlorinated for disinfection before distribution.

The Agency has no treatment systems in place. The water treatment is not needed, as the groundwater in the area meets or exceeds the Federal and State of California regulations for potable drinking water. However, without power from the local utility, the potable water in the reservoirs would be exhausted within 3 to 5 days in the winter months, and two days in the summer months.

Table 3

This table presents the summary results of prioritizing each hazard based on the level of risk. The “red-shaded” boxes are the top ranked hazards. As can be seen from the table, the hazards in the “red-shaded” boxes are the BDVWA’s priority (or high profile) hazards, while the hazards in the “white” boxes are the less critical/important hazards for the Agency

Table: 2 Hazard Prioritization Matrixes

| <i>Probability</i> | <i>Impact</i> | | | |
|--------------------|------------------------|------------------------------|-----------------|-------------------------------------|
| | | Catastrophic | Critical | Limited |
| | Highly Likely | Earthquake Flash Flooding | Freezing | |
| | Likely | Power Failure | | |
| | Somewhat Likely | | Terrorist Event | Volcanoes Drought Wind Storms |

The three highest profile hazards for the BDVWA are earthquake and flash flooding and power failure. While other hazards are profiled in the following sections for completeness, the Agency’s priority and focus for the mitigation projects will be for only the two high profile hazards.

4.2 Hazard Profile

Summarizing Risk

Probability: **Highly Likely**

Impact: **Critical**

4.2.1 Earthquake Hazard

Table 3: Hazard Prioritization Matrix (Earthquake)

| <i>Probability</i> | <i>Impact</i> | | | |
|--------------------|------------------------|---------------------|-----------------|----------------|
| | | Catastrophic | Critical | Limited |
| | Highly Likely | Earthquake | | |
| | Likely | | | |
| | Somewhat Likely | | | |

The following section describes the hazards and then details the historical events associated with this hazard for the Bighorn Desert View Water Agency.

General Definition: An earthquake is a sudden, rapid shaking of the Earth caused by the breaking and shifting of rock beneath the Earth's surface. For hundreds of millions of years, the forces of plate tectonics have shaped the Earth as the huge plates that form the Earth's surface move slowly over, under, and past each other. Sometimes the movement is gradual. At other times, the plates are locked together, unable to release the accumulating energy. When the accumulated energy grows strong enough, the plates break free causing the ground to shake. Most earthquakes occur at the boundaries where the plates meet. However, some earthquakes occur in the middle of plates.

Ground shaking from earthquakes can collapse buildings and bridges disrupt gas, electric, water utilities, and phone service and sometimes trigger landslides, avalanches, flash floods, fires, and huge, destructive ocean waves (tsunamis). Buildings with foundations resting on unconsolidated landfill and other unstable soil, and trailers and homes not tied to their foundations are at risk because they can be shaken off their mountings during an earthquake. When an earthquake occurs in a populated area, it may cause deaths and injuries and extensive property damage.

Earthquakes strike suddenly, without warning. Earthquakes can occur at any time of the year and at any time of the day or night. On a yearly basis, 70 to 75 damaging earthquakes occur throughout the world. Estimates of losses from a future earthquake in the United States approach \$200 billion.

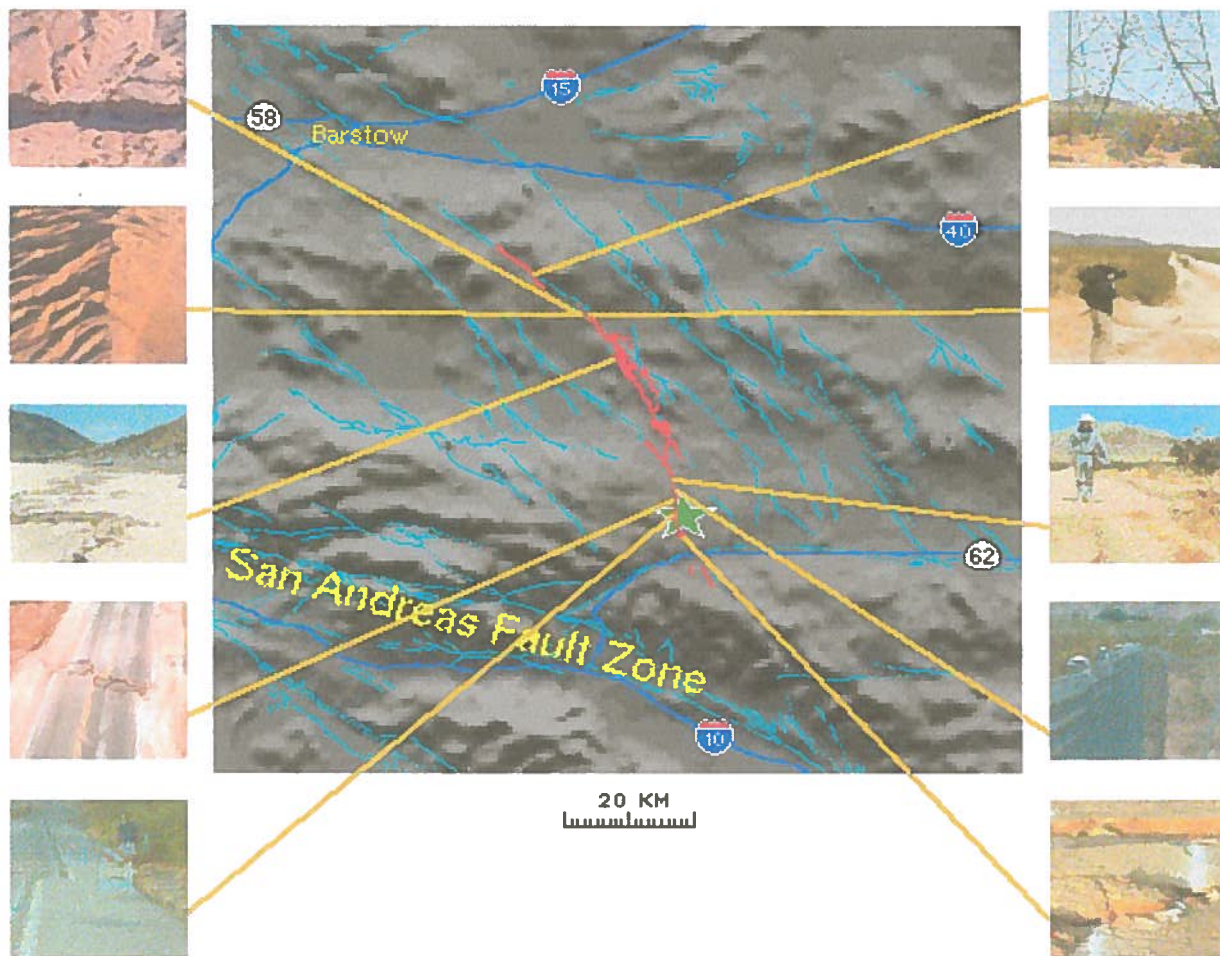
There are 45 states and territories in the United States at moderate to very high risk from earthquakes, and they are located in every region of the country. California experiences the most frequent damaging earthquakes; however, Alaska experiences the greatest number of large earthquakes - most located in uninhabited areas. The Landers Fault is ranked in the top 10 most likely faults to cause major damage in the U.S.

Description: There are several earthquake faults located within the BDVWA's service area.

While there have been many earthquakes in and around the Agency's service area, only one earthquake has actually caused major damage to the Agency's facilities. In 1992, the Landers=Big Bear earthquakes destroyed above ground reservoirs, approximately 75 miles of pipelines in the distribution system, and damaged several groundwater wells. The epicenter of the 1992 Landers earthquake was within the service boundaries of BDVWA.

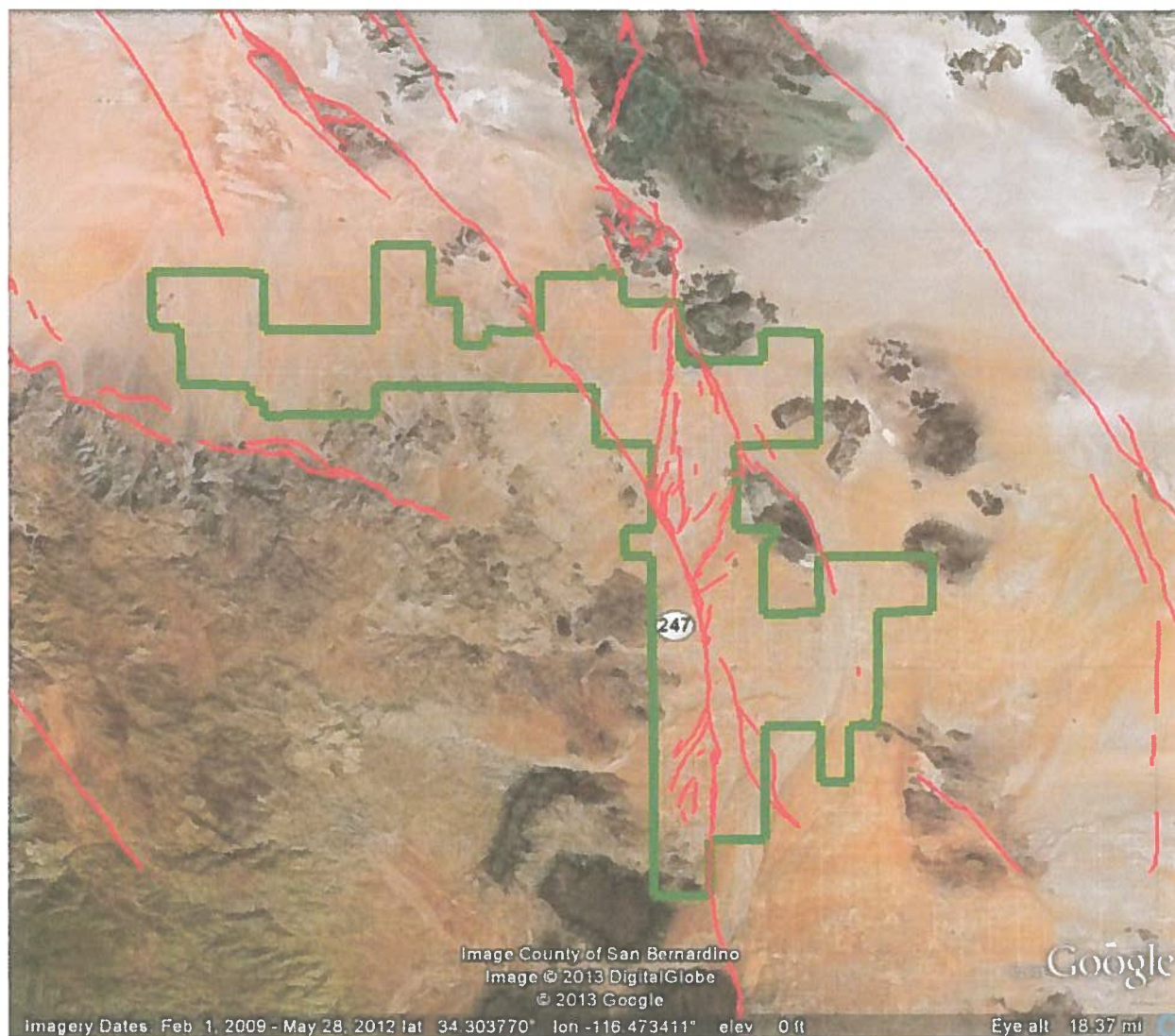
A source for the earthquake profile was a report that describes a new earthquake rupture forecast for California developed by the 2007 Working Group on California Earthquake Probabilities (WGCEP 2007). The Earthquake Working Group was organized in September 2005, by the U.S. Geological Survey (USGS), the California Geological Survey (CGS), and the Southern California Earthquake Center (SCEC) to better understand the locations of faults in California. The group produced a revised, time independent forecast for California for the National Seismic Hazard Maps.

Figure 1: Earthquake Fault Map



Red line is the 1992 Landers Rupture Line. Faults that ruptured in the Landers Earthquake are the Johnson Valley, Homestead Valley, Emerson and Camp Rock

Figure 2: BDVWA's Boundaries with Fault lines



Main fault in the ceenter of the picture is the Homestead Valley Fault

Figure: 3 Historic California Earthquakes:

| <i>Earthquake Name</i> | <i>Date of Earthquake</i> | <i>Magnitude of Quake</i> | <i>Damage Description</i> |
|---|---------------------------------------|-----------------------------------|--|
| <i>Wrightwood Earthquake</i> | <i>Dec. 8, 1812</i> | <i>7.5</i> | <i>40 deaths.</i> |
| <i>Cajon Pass</i> | <i>July 22, 1899</i> | <i>5.7</i> | <i>Landslides, heavy damage to buildings in San Bernardino. No deaths.</i> |
| <i>San Jacinto</i> | <i>Dec. 25 1899</i> | <i>6.5</i> | <i>San Jacinto & Hemet had severe damage. Six deaths. Chimneys thrown down and walls cracked in Riverside.</i> |
| <i>Elsinore</i> | <i>May 15, 1910</i> | <i>6</i> | <i>Chimney's toppled.</i> |
| <i>San Jacinto</i> | <i>April 21, 1918</i> | <i>6.8</i> | <i>Most damage in San Jacinto and Hemet. Several injuries, one death. Landslides, cracks in ground, roads, and canals.</i> |
| <i>North San Jacinto</i> | <i>July 22, 1923</i> | <i>6.3</i> | <i>Chimney's toppled, broken windows, 2 critical injuries, no deaths. San Bernardino hospital and Hall of Records badly damaged.</i> |
| <i>San Jacinto Terwilliger</i> | <i>March 25, 1937</i> | <i>6.0</i> | <i>Few chimneys damaged, some plaster cracked, a few windows broken. Minimal damage mostly due to sparsely populated area.</i> |
| <i>Fish Creek Mountains</i> | <i>Oct 21, 1942</i> | <i>6.6</i> | <i>Little damage due to remote location, felt over a large area. Rockslides</i> |
| <i>Desert Hot Springs</i> | <i>Dec 4, 1948</i> | <i>6.0</i> | <i>Widespread damage. In Los Angeles, a 5,800 gallon water tank split, water pipes broken in Pasadena, at UCLA, and San Diego. Walls cracked in Escondido and Corona.</i> |
| <i>1954 San Jacinto</i> | <i>March 19, 1954</i> | <i>6.4</i> | <i>Minor widespread damage. Parts of San Bernardino experienced a temporary blackout.</i> |
| <i>Borrego Mountain</i> | <i>April 8, 1968</i> | <i>6.5</i> | <i>Largest most damaging earthquake in 16 years. Damage across most of Southern California. Landslides, huge boulders thrown.</i> |
| <i>Lytle Creek</i> | <i>Sept. 12, 1970</i> | <i>5.2</i> | <i>Landslides, rock falls, 4 injuries. San Bernardino radio station knocked off the air.</i> |
| <i>White Wash</i> | <i>Feb 25, 1980</i> | <i>5.5</i> | <i>Landslides. Windows and dishes broken. Fire broke out in Rancho Mirage due to a gas line rupture in an empty home.</i> |
| <i>1988 Upland and (Upland</i> | <i>June 26, 1988 and Feb 28, 1990</i> | <i>4.7 and 5.4 respectively</i> | <i>Landslides, damage to San Antonio Dam, 38 minor injuries. Public-\$4.87M; business-\$4.7M; private-\$2.4M; total-\$12M; 501 homes and 115 businesses damaged or destroyed.</i> |
| <i>North Palm Springs</i> | <i>July 8, 1986</i> | <i>5.6</i> | <i>29 injuries. Destruction or damage of 51 homes. Landslides. Damage over \$4M.</i> |
| <i>Joshua Tree</i> | <i>April 22, 1992</i> | <i>6.1</i> | <i>Minor injuries. Near Landers</i> |
| <i>2 separate earthquakes: Landers and Big Bear</i> | <i>June 28, 1992</i> | <i>Landers 7.3 Big Bear - 6.4</i> | <i>Landslides in San Bernardino Mountains. Near Landers. Substantial damage in Big Bear and Landers. Landers earthquake was the largest earthquake in Southern California in 40 years. Earthquake ruptured 5 separate faults. Total rupture length was 53 miles. One death, 402 injuries. Private-\$47.5M; business-\$17M; public-\$26.6M; total-\$91M; 77 homes destroyed, 4,369 homes damaged, 139 businesses damaged.</i> |
| <i>Hector Mine</i> | <i>Oct. 16, 1999</i> | <i>7.1</i> | <i>Very remote location. Ruptured in both directions from the epicenter. Near BDVWA</i> |

Table 4: Earthquake History

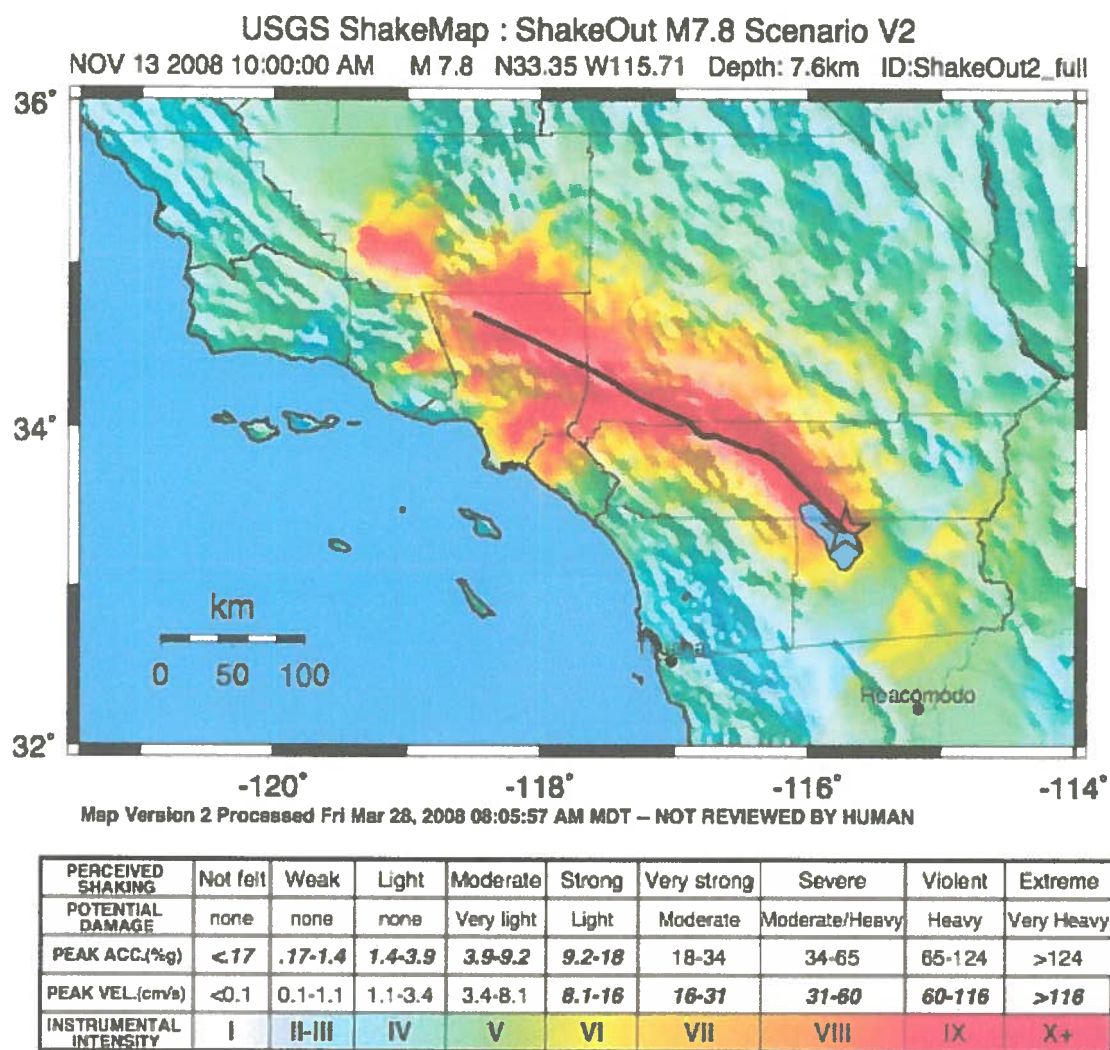


Table 4 presents the earthquake profile findings for the BDVWA service area. The ground motion findings indicate the peak ground acceleration (PGA) within the Agency's service area could potentially exceed 65 percent. Typically, any acceleration over 3 percent is considered excessive. Also, a map shown in **Table 5** illustrates that there is a 97% probability that Southern California will have a 7.6 scale earthquake within the next 30 years, per USGS.

Since 2005, the BDVWA has had no damages to facilities resulting from earthquakes. Table 8 summarizes the occurrences, impact, and costs of this hazard.

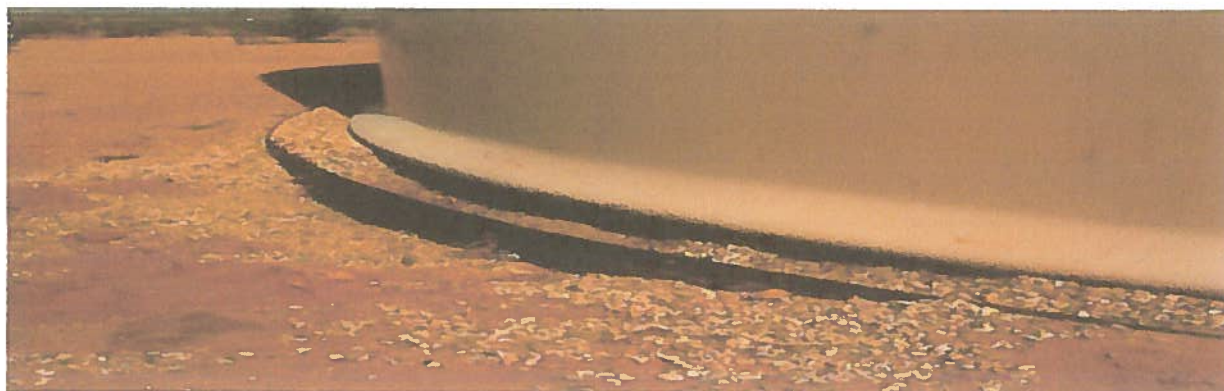
Summarizing Risk

Probability: **Highly Likely**
 Magnitude/Severity: **Catastrophic**

1992 Landers Earthquake, Bighorn Desert View Water Agency Reservoir's



1992 Landers Earthquake, Bighorn Reservoir, with Elephant footing of the bottom of the tank



Roadway after Earthquake Repair in 1992



4.2.2 Freezing

Table 5

| Probability | Impact Freezing Events | | | |
|-------------|------------------------|--------------|----------|---------|
| | | Catastrophic | Critical | Limited |
| | Highly Likely | | | |
| | Likely | Freezing | | |
| | Somewhat Likely | | | |

Freezing Events: The temperature range in the Morongo Basin is quite extreme. Temperatures range from a low of 20 degrees in the winter to a high of 115 degrees in the summer months. The BDVWA had a major freezing event during the winter of 2010 and 2013, which froze water in the pipe coming out of a wellhead. Freezing can cause damage to the pump motor and rupture the pipe.

Mitigation:

Purchase pipeline heaters to keep the water in the wellhead and output pipeline from freezing.

4.2.3 Power Failure**Table 6**

| Probability | Impact Power Failure | | | |
|-------------|----------------------|---------------|----------|---------|
| | | Catastrophic | Critical | Limited |
| | Highly Likely | Power Failure | | |
| | Likely | | | |
| | Somewhat Likely | | | |

Power Failure Definition: Long-term power failures affect the delivery of water from the wells that feed the water system. BDVWA pumps ground water from the underground aquifer into the distribution system as potable water and has no treatment systems in place. The water treatment is not needed as the groundwater in the area meets or exceeds the Federal and State of California regulations for potable drinking water. However, without power from the local utility, the potable water in the reservoirs would be exhausted within 3 to 5 days in the winter months and two days in the summer months.

Mitigation:

BDVWA will need to purchase generators for back-up power to be able to power up wells and booster station in the event of a long-term power failure.

Generator sizing:

See attachment "B"

4.2.4 Long Term Drought Hazard

The following section describes the hazard and then details the historical events associated with this hazard for the Bighorn Desert View Water Agency.

Table 7: Hazard Prioritization Matrix (Drought)

| Probability | Impact Long Term Drought | | | |
|-------------|--------------------------|--------------|----------|---------|
| | | Catastrophic | Critical | Limited |
| | Highly Likely | | Drought | |
| | Likely | | | |
| | Somewhat Likely | | | |

General Definition: A drought is a period of drier-than-normal conditions that results in water-related problems. Precipitation (rain or snow) falls in uneven patterns across the country. When no rain or only a small amount of rainfalls, soils can dry out and plants can die. When rainfall is less than normal for several weeks, months, or years, the flow of streams and rivers declines, water levels in lakes and reservoirs fall, and the depth to water in wells increases. If dry weather persists and water supply problems develop, the dry period can become a drought. The first evidence of drought usually is seen in records of rainfall. Within a short period of time, the amount of moisture in soils can begin to decrease. The effects of a drought on flow in streams and rivers or on water levels in lakes and reservoirs may not be noticed for several weeks or months. Water levels in wells may not reflect a shortage of rainfall for a year or more after the drought begins. A period of below-normal rainfall does not necessarily result in drought conditions. Some areas of the United States are more likely to have droughts than other areas. In humid or wet regions, a drought of a few weeks is quickly reflected in a decrease in soil moisture and in declining flow in streams. In arid or dry, regions, people rely on groundwater and water in reservoirs to supply their needs. They are protected from short-term droughts but may have severe problems during long dry periods because they may have no other water source if wells or reservoirs go dry.

Description: Because the Agency is in the business of supplying the public with potable water, drought can be a disastrous hazard to the any water provider. A drought is defined as a series of years with less than average rainfall and typically lasts seven years. The BDVWA is currently experiencing a drought that started in 1998.

Southern California has a history of severe droughts. There have been six severe extended droughts within the last 400 years (the most severe drought lasted from approximately 1650 to 1700). The U.S. Weather Service is forecasting 20 more years of below average rainfall.

The 2009 California Water Plan states that Water Year 2009 was the third consecutive dry year for the State. Because of losses caused by this drought, the U.S. Department of Agriculture in September designated all of the counties within the San Joaquin River, Tulare Lake, and Central Coast Hydrologic Regions as either Primary Natural Disaster Areas or Natural Disaster Areas -

(statewide total was 21 counties and 29 counties, respectively). The State entered the 2009-2010 Water Year with its key supply reservoirs at only 68 percent of average.

The fundamental drought impact to water agencies is a reduction in available water supplies. As a result, historic occurrences of drought have encouraged water agencies to review the reliability of their water supplies and to initiate planning programs addressing identified needs for improvement. In addition, public and media interest in droughts fosters heightened awareness of water supply reliability issues in the Legislature. More than 50 drought-related legislative proposals were introduced during the severe but brief 1976-77 drought. About one-third of these eventually became law. Similar activity on drought-related legislative proposals was observed during the 1987-92 droughts. One of the most significant pieces of legislation was the 1991 amendment to the Urban Water Management and Planning Act, in effect since 1983, which requires water suppliers to estimate available water supplies at the end of one, two, and three years, and to develop contingency plans for shortages of up to 50 percent. BDVWA has a Water Master Plan that was completed and adopted by the Board of Directors in 2007. Since, BDVWA is a small agency BDVWA is included in the Mojave Integrated Regional Water Master Plan (IRWMP). Mojave and the agencies serving the local area, presents water supply to demand comparisons through 2030. The 2014 IRWMP was completed by June 30, 2014 and will update any demand and supplies documented in any other plans and will also require all water agencies to reduce their water demand by 20 percent by the year 2020. The plan also presents water supply to demand comparisons for single dry to multiple dry year scenarios. The comparisons show that the Agency has adequate supply through 2030.

If the current drought extends for the period that the U.S. Weather Service is currently forecasting, the Agency will have difficulty in meeting its water supply demands without additional supplies. The Bunker Hill groundwater basin is experiencing the lowest groundwater levels in 40 years and is currently in overdraft. If this condition continues, the Agency will need to purchase more State Project Water to supply the demand for the customer base. Table 9 summarizes the occurrences, impact, and costs of this hazard.

Table 8: State of California Drought History

| Date of Event | Type of Damage | Amount of Damage | Statewide or Local |
|----------------------|---|--|---------------------------|
| 1976-1977 | Annual statewide runoff dropped 21% below average. | 1976-\$888.5M; 1977-\$1.775M; TOTAL-\$2.7B | Various |
| 1987-1992 | Annual statewide runoff dropped 27% below average. Twenty-three counties had declared local drought emergencies by the end of 1991. | SWP terminated services to agricultural contractors and provided only 10% of requested urban deliveries. Appropriate \$34.8M from the General Fund to the Department for financial assistance to local water suppliers for emergency drought-relief water supply, technical water conservation assistance, and operation of the Department's Drought Information Center. | Various |
| 1998-2000 | San Bernardino National Forest - dead and dying trees, bark beetle infestations. | \$12,100 crop damage. | Various |
| 2002 - Current | Ongoing drought of historical proportions | Food crop damage - ongoing, in the billions Wildlife damage – ongoing Lost revenue to water agencies though-out the State - ongoing | Statewide |

4.2.5 Flash Flooding Hazard

Table 9: Hazard Prioritization Matrix (Flash Flooding)

| | <i>Impact Flash Flooding</i> | | | |
|--|------------------------------|----------------|----------|---------|
| | Highly Likely | Catastrophic | Critical | Limited |
| | Likely | Flash Flooding | | |
| | Somewhat Likely | | | |

The following section describes the hazard and then details the historical events associated with this hazard for the Bighorn-Desert View Water Agency.

General Definition:

An unusually heavy rain in a concentrated area, over a short or long period of time

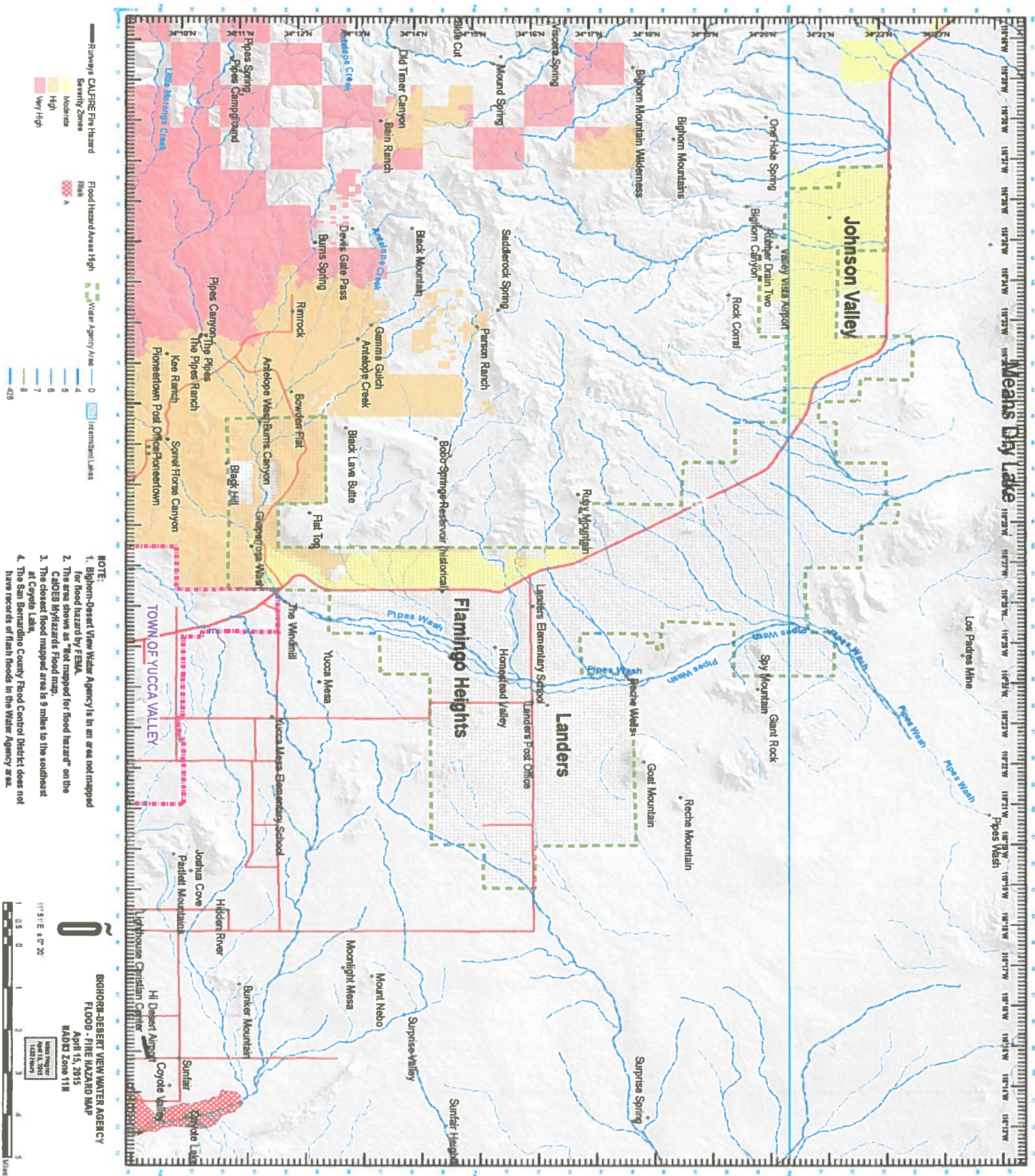
Description:

Flash flooding can occur in the summer as well as the winter. In summer there is the Monsoon Season in June and July, and sometimes in August. During Monsoon heavy rainstorms that form in the Gulf of Mexico move into the area of Arizona, Texas, and the Deserts of California. These storms bring powerful winds and heavy rains within a short period of time and can dump two to five inches of rain within a half-hour period. There is no flood control infrastructure in this area of San Bernardino County, California. Most roads in the BDVWA service area are unpaved, dirt roads.

FEMA Flash Flooding and or Flood Inundation Mapping:

There are no FEMA Flood Inundation Map for low population area of Landers, Flamingo Heights, Johnson Valley and the surrounding community. FEMA, the State of California and the County of San Bernardino do not keep documentation on flooding, or flash flooding for this low population community. San Bernardino County Office of Emergency Service GIS Department put together a map of the service area and noted on the map that FEMA, CalOES or the County of San Bernardino, County OES or San Bernardino County Flood Control does not map the area, due to the low population of the area. See map attached on net page and see “notes” in the lower middle section of the map.

Flooding only happens when water can collect in valleys or lower laying areas. Bighorn is located in the foothills, where water runs off from higher mountainous areas on its way to the dry lake area on the desert floor. These waters are very dangerous, since the waters can come from many miles away at very fast speeds. These waters rage through the jurisdiction from the west and east to collect in the wash area noted on the map as “Pipes Wash” which runs north and south through the BDVWA service area. Pipelines that deliver water on the east and west of Pipes Wash are damaged or completely destroyed due to flash flooding each year. Other areas in the service area are also, damaged each year during winter storms and during the monsoon season each year.



Flash Flooding History

| Date of event | Type of Damage | Amount of Damage | Statewide or Local |
|---------------|--|---|---|
| Dec-55 | 74 deaths | \$200 M | State wide |
| Apr-58 | 13 deaths, several injuries | \$20 M, plus \$4 M agricultural | State wide |
| Fall 1965 | Abnormally heavy and continuous rainfall. | Public- \$5.8 M; private \$16.0 M; Total \$21.8 M | Riverside, San Bernardino, Ventura, San Diego Counties |
| Winter 1966 | Abnormally heavy and continuous rainfall. | Public- \$14.6 M; private \$14 M; Total \$28.7 M | Various |
| Winter 1969 | Storms, flooding, 47 dead, 161 injured. An alluvial flood and debris flow on Deer Creek in San Bernardino County killed 11 people. | Public- \$185 M, Private - \$115 M; Total -\$300 M | Various |
| Sep-76 | High winds, heavy rains, and flooding | Public-\$65.7 M; private-\$54.3 M; TOTAL-\$120 M | Imperial, Riverside, San Bernardino, San Diego Counties |
| Winter 1978 | 14 dead, at least 21 injured | Public-\$73 M; private-\$44 M; Total -\$117 M; 2,538 homes destroyed | Various |
| Jul-79 | | Public-\$3.0 M; private-\$22.9 M; Total -\$25.9 M | Riverside |
| Feb-80 | Rain, wind, mud slides, and flooding | | Various |
| Winter 82-83 | Heavy rains, high winds, flooding, levee breaks | Public-\$151 M; private-\$159 M; agricultural-\$214 M; TOTAL-\$524 M | Various |
| Aug-83 | High winds, storms, and flooding; 3 deaths | Public \$10 M, private \$15 M, agricultural \$10 M; TOTAL-\$35 M | Inyo, Riverside, San Bernardino Counties |

| Date of event | Type of Damage | Amount of Damage | Statewide or Local |
|-------------------------|--|--|---|
| Feb-92 | Flash Flooding, rainstorms, mud slides; 5 deaths | Public-\$95 M; private-\$18.5 M; business-\$8.5 M, agricultural-\$1.5 M; TOTAL-\$123 M | Los Angeles, Ventura, Kern, Orange, San Bernardino Counties |
| Dec-92 | Snow, rain, and high winds, 20 deaths, 10 injuries | Total - \$600 M | Various |
| Jan-95 | 11 deaths | Public-\$299.6 M; individual-\$128.4 M; businesses \$58.4 M; highways-\$158 M; ag-\$97 M; TOTAL-\$741.4 M; damage to homes: major-1,883; minor-4, 179; destroyed-370. | Various |
| Feb-95 | 17 deaths | Public property-\$190.6 M; individual-\$122.4 M; business-\$46.9 M; highways-\$79 M; ag-\$651.6 M; TOTAL-approximately \$1.1 billion; damage to homes: major-1,322; minor-2,299; destroyed-267 | 57 counties (all except Del Norte) |
| Feb-98 | 17 deaths | \$550 M | Various |
| Dec. - 03 | 15 deaths | \$30 M | San Bernardino, Waterman Canyon, Lytle Creek |
| Jan. 04 | None | \$20,000 public property | San Bernardino County High Desert |
| October 2010 | None | \$2.5 M | Flash flooding San Bernardino County High Desert |
| Dec. 2010 and Jan. 2011 | None | \$18 M San Bernardino/Highland, High Desert, San Bernardino Mountains, Forest Falls | Various location in San Bernardino County |
| May 2012 March 2014 | None | \$50,000 | S.B. County High Desert Various |



Flash Flooding Mojave Valley 2013



Flash Flooding in Mojave Valley 2014



The Mojave River, 2011

2014 Flashflood damage to BDVWA Pipeline



Bighorn Main Rupture before repair above and after repair below, 2014



Flash Flooding in BDVWA Service Area, after pipeline Repair, 2014



2014 Flashflooding in BDVWA



2014 Flashflooding in BDVWA Service Area, 2014

Summarizing Risk

Probability: **Highly Likely**

Magnitude/Severity: **Limited**

4.2.6 Flooding Hazard

Table 10: Hazard Prioritization Matrix (Flooding)

| Probability | Impact | | | |
|-------------|-----------------|--------------|----------|----------|
| | | Catastrophic | Critical | Limited |
| | Highly Likely | | | |
| | Likely | | | Flooding |
| | Somewhat Likely | | | |

The following section describes the hazard and then details the historical events associated with this hazard for the Bighorn-Desert View Water Agency.

General Definition: A flood, as defined by the National Flood Insurance Program is: A general and temporary condition of partial or complete inundation of two or more acres of normally dry land area or of two or more properties (at least one of which is your property) from:

The collapse or subsidence of land along the shore of a lake or similar body of water as a result of erosion or undermining caused by waves or currents of water exceeding anticipated cyclical levels that result in a flood.”

Floods can be slow or fast rising but generally develop over a period of days. Mitigation includes any activities that prevent an emergency, reduce the chance of an emergency happening, or lessen the damaging effects of unavoidable emergencies. Flooding tends to occur in the summer and early fall during the Monsoon season and is typified by increased humidity and high summer temperatures. The FEMA standard for flooding is the “100-year flood,” which is used as a benchmark to establish a standard control in communities throughout the country. Thus, the 100-year flood is also referred to as the “regulatory” or “base” flood. Actually, there is little difference between a 100-year flood and what is known as the 10-year flood. Both terms are really statements of probability that scientists and engineers use to describe how one flood compares to others that are likely to occur. In fact, the 500-year flood and the 10-year flood are only a foot apart on flood elevation - which means that the elevation of the 100-year flood falls somewhere in between. The term 100-year flood is often incorrectly used and can be misleading. It does not mean that only one flood of that size will occur every 100 years. What it actually means is that there is a one percent chance of a flood of that intensity and elevation happening in any given year. In other words, it is the flood elevation that has a one percent chance of being equaled or exceeded each year. And it could occur more than once in a relatively short period of time. (By comparison, the 10-year flood means that there is a ten percent chance for a flood of its intensity and elevation to happen in any given year.)

Figure 2: Flood Map

Due to the low population of this area, there are no FEMA Flood maps for this area of San Bernardino County. San Bernardino County Flood Control maintains no information on flooding events in this area.

In recent history, there have been 17 floods, storms, and flash floods in the Agency's general service area. Table 11 summarizes the occurrences, impact, and costs of this hazard.

As noted on the map on the following page, flooding is not an issue for BDVWA, due to the fact that the service area is in the foothills. The region is all desert even the mountain areas. There are no trees, bushes or weeds, only sand and some small desert plants. Therefore, during rains or thunderstorm that release a large amount of water, the water just collects and runs off of the mountains and hills very rapidly, which cause flash flooding as the water attempts to find low laying areas. Flash Floods are extremely dangerous, because the rainfall may happen many miles away from your location, but in finding lower ground and collecting large amounts of water, by the time the waters reach your location they can be very fast moving waters.

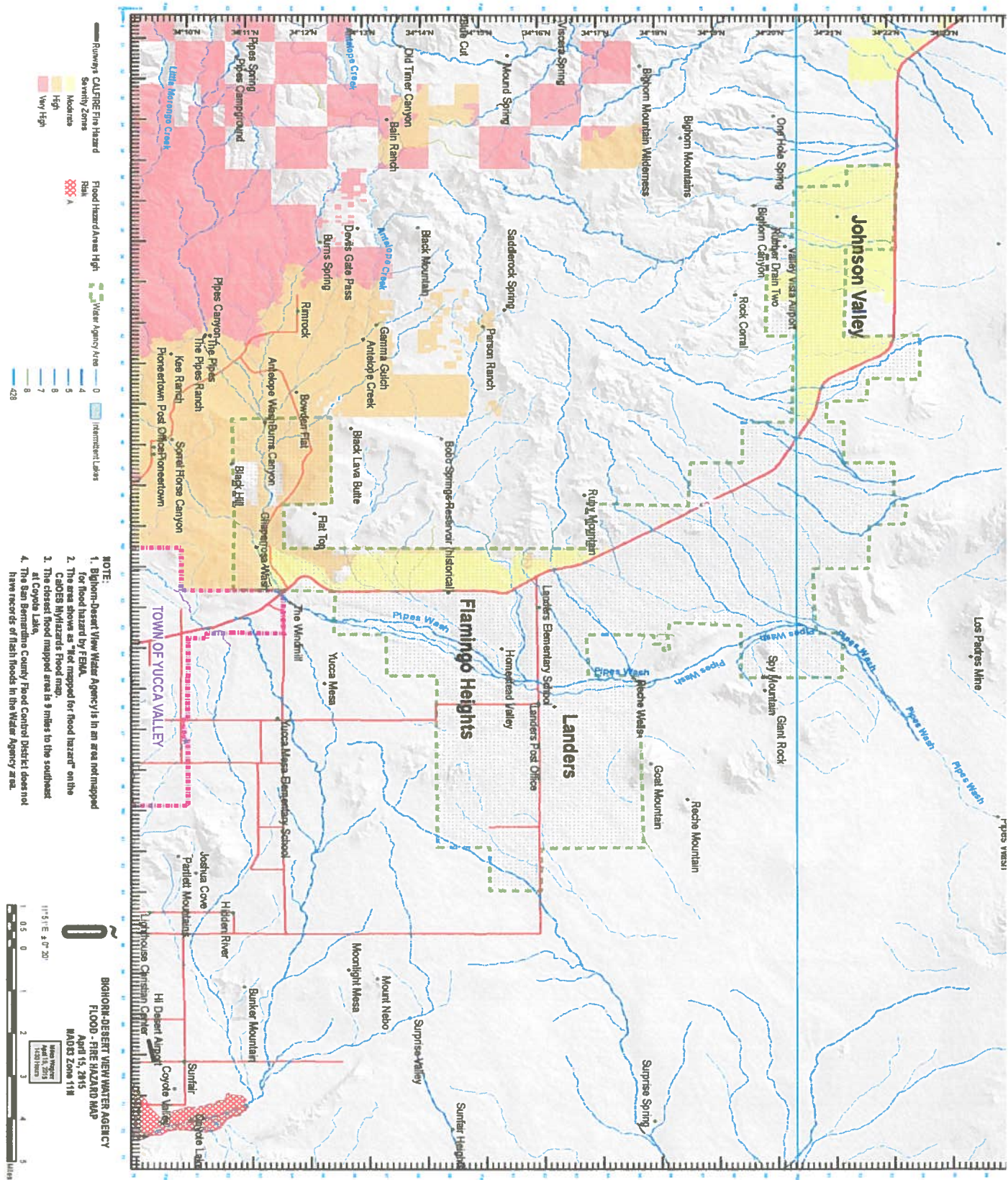


Table 11: California Historical Flooding

| Date of event | Type of Damage | Amount of Damage | Statewide or Local |
|----------------------|--|--|---|
| Dec-55 | 74 deaths | \$200 M | State wide |
| Apr-58 | 13 deaths, several injuries | \$20 M, plus \$4 M agricultural | State wide |
| Fall 1965 | Abnormally heavy and continuous rainfall. | Public - \$5.8 M; private \$16.0 M; Total - \$21.8 M | Riverside, San Bernardino, Ventura, San Diego Counties |
| Winter 1966 | Abnormally heavy and continuous rainfall. | Public - \$14.6 M; private \$14 M; Total - \$28.7 M | Various |
| Winter 1969 | Storms, flooding, 47 dead, 161 injured. An alluvial flood and debris flow on Deer Creek in San Bernardino County killed 11 people. | Public - \$185 M, Private - \$115 M; Total - \$300 M | Various |
| Sep-76 | High winds, heavy rains, and flooding | Public - \$65.7 M; private - \$54.3 M; Total - \$120 M | Imperial, Riverside, San Bernardino, San Diego Counties |
| Winter 1978 | 14 dead, at least 21 injured | Public - \$73 M; private - \$44 M; Total - \$117 M; 2,538 homes destroyed | Various |
| Jul-79 | | Public - \$3.0 M; private - \$22.9 M; Total - \$25.9 M | Riverside |
| Feb-80 | Rain, wind, mud slides, and flooding | | Various |
| Winter 82-83 | Heavy rains, high winds, flooding, levee breaks | Public - \$151 M; private - \$159 M; agricultural - \$214 M; Total - \$524 M | Various |
| Aug-83 | High winds, storms, and flooding; 3 deaths | Public - \$10 M, private - \$15 M, agricultural - \$10 M; Total - \$35 M | Inyo, Riverside, San Bernardino Counties |
| Feb-92 | Flooding, rainstorms, mud slides; 5 deaths | Public - \$95 M; private - \$18.5 M; business - \$8.5 M, agricultural - \$1.5 M; Total - 123 M | Los Angeles, Ventura, Kern, Orange, San Bernardino Counties |
| Dec-92 | Snow, rain, and high winds, 20 deaths, 10 injuries | Total - \$600 M | Various |
| Jan-95 | 11 deaths | Public - \$299.6 M; individual - \$128.4 M; businesses - \$58.4 M; highways - \$158 M; ag - \$97 M; Total - \$741.4 M; damage to homes: major-1,883; minor-4, 179; destroyed-370. | Various |
| Feb-95 | 17 deaths | Public - \$190.6 M; individual - \$122.4 M; business - \$46.9 M; highways - \$79 M; ag -\$651.6 M; Total - approximately \$1.1 billion; damage to homes: major-1,322; minor-2,299; destroyed-267 | 57 counties (all except Del Norte) |
| Feb-98 | 17 deaths | \$550 M | Various |
| Dec-03 | 15 deaths | \$750 M | San Bernardino – Waterman Canyon from Lytle Creek River and Highland. |

4.3 Inventory Assets

This section provides an overview of the assets in the Bighorn-Desert View Water Agency and the hazards to which these facilities are susceptible.

4.3.1 Population

The total population of Bighorn-Desert View Water Agency is currently approximately 3,042

4.3.2 Buildings

As of August 2014, the BDVWA operates and maintains the following facilities:

- 7 pressure zones
- Existing reservoirs with a total storage capacity of 2,402,000million gallons
- Existing wells with a total pumping capacity of 3,548,160 gallons per day
- The Agency currently has no water Treatment Facilities
- Approximately 100 miles of distribution and transmission facilities (sizes 4 inches to 8 inches in diameter).

Figure 4 is a map of the Agency's facilities and how the facilities flow to provide portable drinking water to the residents of the area.

Figure 4 Pumping System Map with facilities location, wells, reservoir:

