



## FY2018 (7/1/17 – 6/30/18) Annual Work Plan Mason Valley Conservation District

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The Annual Work Plan and Annual Budget for the Mason Valley Conservation District (MVCD) were reviewed and approved on May 23, 2017.

### Natural Resource Priorities and Goals:

- **Improve the condition of all natural resources (water, air, soil, vegetation and animal)** – provide landowners with financial and technical assistance to increase water resource quantity and quality through river channel maintenance and bank stabilization; reduce nonpoint source pollution; reduce energy demands; develop alternative energy sources; reduce fire potential; improve grazing management; improve sage grouse habitat; provide fuels reduction/education; provide technical assistance wherever possible; and provide assistance to land planning agencies



- **Invasive and Noxious Weeds** – Mason Valley Conservation District in partnership with the Smith Valley Conservation District and the Walker River Basin Cooperative Weed Management Area will continue a comprehensive noxious weed inventory, mapping and management on the Walker River and its tributaries; inventory, map, and treat noxious weeds in Northern Nevada; and assist private landowners with noxious weed management
- **Walker River Channel Improvement** – MVCD in partnership with Walker River Irrigation District, Nevada Department of Wildlife, and adjacent landowners will seek funding to continue the efforts begun in 2015 to remove sediment, improve the stability of the Walker River channel, and work toward improved fishery and wildlife habitat

### Information – Education/Public Outreach Priorities and Goals:

- Outreach priority – sponsor registration fees for one student to attend Nevada Range Camp
- Outreach priority – develop a fuels reduction/fire awareness program for Mason Valley

## 1 Mason Valley Conservation District FY 2018 Annual Work Plan

- General Public Goal – provide all stakeholders with noxious weed educational opportunities including handbooks, guides and brochures that detail identification, methods of dispersal, treatments and contacts for control
- General Public Goal – provide landowners with resource management and conservation technical and financial assistance

### **District Operations Priorities and Funding Sources:**

#### **MVCD Goals for District Operations**

- Complete Financial Report, Annual Work Plan, Budget and other reporting as necessary
- Inventory, map, and treat noxious weeds on private lands within District Boundaries; implement noxious weed treatment on federally managed lands within the basin.
- Seek funding through the Bureau of Reclamation, Nevada Department of Environmental Protection, Federal Emergency Management Agency, and others to protect, and restore banks along the Walker River damaged by the high flows of 2017.
- Attend the Nevada Association of Conservation Districts Annual Meeting
- Cut and treat tamarisk along the Walker River and on the Mason Valley Wildlife Management Area, begin weed treatments in Mineral County
- Submit Proposed Budget and Annual Work Plan to State Conservation Commission
- Conduct "normal" year to year business including:
  - Hold regularly scheduled board meetings
  - Pay annual dues (NvACD, Nevada Weed Management Assoc.)
  - Clerical administration
  - Subdivision reviews
  - Promotion of conservation
  - Attend applicable meetings
  - Expand public relations
  - Apply for and administer grants
  - Nominate local conservation leaders for awards
  - Participate on the Nevada Forest Stewardship Committee
  - Attend State Technical Committee and Local Work Group meetings

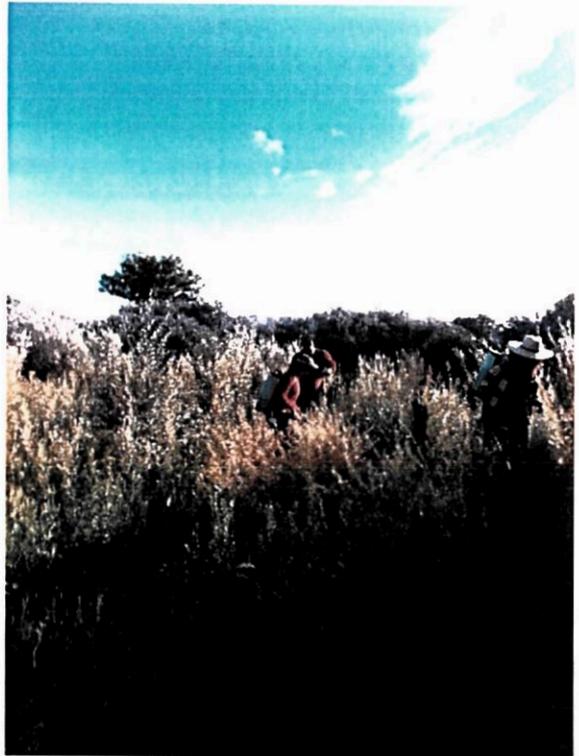


#### **Anticipated funding sources for fiscal year 2017-2018:**

- *Indirect Local:* Mineral County, NV

## **2 Mason Valley Conservation District FY 2018 Annual Work Plan**

- Luning Energy LLC. - Luning Solar Energy Project Restoration and Monitoring (Initial contribution \$140,000 to be used over three years, first year approximately \$51,044.09)
- *Local:* Lyon County, NV (\$7500)
- *Direct State:*
  - NDEP Mitchell Bank Stabilization (\$141,437.92)
  - NDOW Mason Valley Wildlife Management Area Tamarisk (\$15,000)
  - Nevada Division of State Parks Noxious weed control (40,000)
- *In-Kind Services:* Board member/volunteers (\$3,500)



### **Summary of Grant Objectives and Tasks:**

#### **Luning Energy LLC. – Luning Solar Energy Project**

- Develop and evaluate projects submitted by other participating entities for noxious weed control in Mineral County
- Using MVCD field staff, treat noxious weeds in areas identified
- Provide grant administration over the three year course of the grant

#### **NDEP Mitchell Bank Stabilization**

- MVCD will contract for design of 700 feet of river bank stabilization.
- MVCD will contract for installation of structure, and oversee project.
- MVCD will cut willows and incorporate bundles into the river bank project.

#### **Walker River Noxious Weed Project**

- Gain access to properties along the Walker River and its tributaries for a basin-wide noxious weed inventory, mapping and treatment project
- Inventory all species identified as noxious by the State of Nevada
- Produce a comprehensive map of infestations depicting species identification and population size
- Treat areas using integrated pest management approaches
- Continue to locate new funding sources
- As funding allows, re-vegetate previously treated sites with desirable species

**Mason Valley Wildlife Management Area Tamarisk**

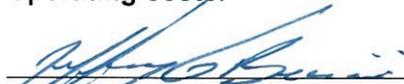
- MVCD will cut tamarisk and treat stumps with herbicide to control tamarisk on the Mason Valley Wildlife Management Area



**Nevada Division of State Parks Noxious Weed Control**

- Inventory all species identified as noxious by the State of Nevada
- Produce a comprehensive map of infestations depicting species identification and population size
- Treat areas using integrated pest management approaches

**Lyon County funds are used as match for all projects and assist with normal operating costs.**

  
\_\_\_\_\_  
Jeff Borsini

5-25-17

\_\_\_\_\_  
Date

**Mason Valley Conservation District**

**MASON VALLEY CONSERVATION DISTRICT ANNUAL BUDGET**  
**SHEET 1 – ESTIMATE OF RECEIPTS**

**FOR THE FISCAL YEAR ENDING JUNE 30, 2018**

<b><u>RECEIPT SOURCE</u></b>	<b><u>AMOUNT</u></b>
Lyon County Contribution	\$ 7,500.00
Mitchell Bank Stabilization	\$ 141,437.92
Luning Energy	\$ 51,044.09
NDOW Interlocal Agreement (Tamarisk)***	\$ 15,000.00
Nevada Division of State Parks (Noxious Weeds)***	\$ 40,000.00
<b><u>TOTAL RECEIPTS ESTIMATED FOR BUDGET</u></b>	<b><u>\$ 254,982.01</u></b>

\*\*\* Pending Notification of Award

**MASON VALLEY CONSERVATION DISTRICT BUDGET  
SHEET II – ESTIMATE OF EXPENDITURES**

FOR FISCAL YEAR ENDING JUNE 30, 2018

FOR FISCAL YEAR ENDING JUNE 30, 2018	Last FY Actual	This FY To Date	Proposed FY 18 Budget
US Postage	\$ 8.94	\$ 25.41	\$ 50.00
Bank Service Charge	\$ 31.50	\$ 28.00	\$ 40.00
Educational Workshop with Students and Public	\$ -	\$ -	\$ -
Travel and Training	\$ -	\$ 42.50	\$ 200.00
Dues: NACD		\$ -	\$ -
NvACD	\$ 600.00	\$ 600.00	\$ 600.00
NWMA		\$ -	\$ -
Computer Software and Modernize Hardware	\$ 125.00	\$ -	\$ 250.00
Financial Audit	\$ -	\$ -	\$ -
Bookkeeping services	\$ 30.00	\$ -	\$ 100.00
MVCD Annual Meeting	\$ 400.00	\$ 375.00	\$ 400.00
NV Range Camp Scholarship	\$ -	\$ -	\$ -
NDPES Permit	\$ 100.00	\$ 200.00	\$ 200.00
Office Supplies	\$ 301.97	\$ 308.40	\$ 500.00
Equipment (tools for project)	\$ -	\$ 687.00	\$ 500.00
Vehicle Insurance and Maintenance (oil, gas, upkeep)	\$ 5,338.13	\$ 5,939.28	\$ 5,000.00
Worker's Compensation for Board Members	\$ 1,813.28	\$ -	\$ -
Worker's Compensation for Volunteers	\$ -	\$ -	\$ -
District Employee Wage's	\$ 18,122.05	\$ 33,739.90	\$ 73,615.69
Employee Drug Testing	\$ -	\$ -	\$ 200.00
General Liability Insurance	\$ 4,654.94	\$ 946.33	\$ 1,000.00
<b>Total</b>	<b>\$ 31,525.81</b>	<b>\$ 42,891.82</b>	<b>\$ 82,655.69</b>
<b>Lyon County Funding</b>			<b>7,500.00</b>
<b>Total Available Project Funding 5/19/2017</b>			
Project Name:			
Mitchell Bank Stabilization			
Salary + Fringe Benefits			\$ 15,485.00
Contract			\$ 125,900.00
Travel			\$ 52.92
	\$ -	\$ -	<b>\$ 141,437.92</b>
Luning Energy			
Salary + Fringe Benefits			\$ 9,980.69
Operating			\$ 38,611.60
Travel			\$ 2,451.80
			<b>\$ 51,044.09</b>

<b>Total Available Project Funding 5/19/2017</b>		<b>\$ 192,482.01</b>
Pending Notification of Award		
Project Name:		
NDOW (Tamarisk)		
Salary + Benefits	\$	12,000.00
Operating	\$	200.00
Travel	\$	2,800.00
Subcontract	\$	-
		<b>\$ 15,000.00</b>
Nevada Division of State Parks (Noxious Weeds)		
Salary + Benefits	\$	36,150.00
Operating	\$	900.00
Travel	\$	2,950.00
Subcontract	\$	-
		<b>\$ 40,000.00</b>
<b>Pending Notification of Award</b>		<b>\$ 55,000.00</b>
<b>TOTAL EXPENDITURES FOR ESTIMATED BUDGET</b>		<b>\$ 254,982.01</b>

# Annual Report

Mason Valley Conservation District

September 2018

Fiscal Year July 1, 2017–June 30, 2018

**Board Members:**

- Jeff Borsini
- Robert Cooper
- Ken Spooner
- Randy Emm
- Robert Bryan
- Greg Hunewill (Lyon County Commissioner)
- Jerrie Tipton (Mineral County Commissioner)

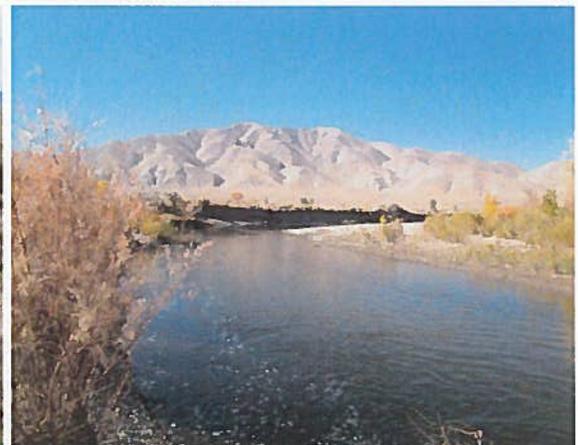
**In this issue:**

- Walker Riverbank Stabilization Mitchell Location **1**
- Mason Valley Wildlife Management Area Tamarisk **2**
- Mason Valley Conservation District Resource Needs Assessment **2**
- Normal Business **2**
- Luning Energy Invasive Weeds **3**
- Walker Basin Conservancy, Flying M Noxious Weeds **3**

*Project Name: Walker Riverbank Stabilization Mitchell Location*

In the summer of 2016, Mason Valley Conservation District (MVCD) was made aware of a riverbank failure on the west fork of the Walker River near the site of the Clements stabilization project. The failure was 680 feet long on the west bank with a 12 foot vertical wall, and 50 feet long on the east bank just downstream with a 10 foot vertical wall. The river was threatening to breach an irrigation canal on the west, and wash out a fence on the east. MVCD was able to secure a grant from the Nevada Department of Environmental Protection, Bureau of Water Pollution Control (NDEP BWPC) to stabilize these riverbanks. To date, the cultural survey and historical survey have been completed. The Army Corps of Engineers permit has been through a first draft, and the Army Corps application will soon be complete. The record snowfall from the winter of 2016-2017, and the subsequent flood stage runoff beginning in January and continuing through the summer have caused more erosion, and additional losses to the properties adjacent to the river. The irrigation canal that was threatened has been lost. A new canal was dug further back from the river, and it too has been breached. The fence on the east side was moved back in the spring, and it has also been undermined and has been moved twice more to date. MVCD received the final engineering design in July, 2018, and plans to contract for construction in early fall. MVCD hopes to complete construction in December 2018.

<b>Fund. Agency/</b>	NDEP/17-014	
<b>Location:</b>	Walker River at South end of Quail Lane	
<b>Start Date:</b>	2/9/2017	
<b>End Date:</b>	12/31/2018	
	<b>FY 2017 Labor</b>	<b>Total Project</b>
<b>Expenses:</b>	\$ 4,607	\$ 142,320
<b>Project Hours:</b>	110.0	128.75



*Walker Riverbank Stabilization Mitchell Location*

*Project Name: Mason Valley Wildlife Management Area Tamarisk*



The Nevada Department of Wildlife (NDOW) granted funding to the Mason Valley Conservation District (MVCD) in October, 2017, to inventory, remove, and treat tamarisk with herbicide on the Mason Valley Wildlife Management Area (MVWMA). MVCD worked through the winter after duck season to accomplish this project without impacting the normal operations of the Wildlife Management Area. MVCD inventoried 71.3 acres, and treated 20.5 acres in the northern portion of the management area.

**Agency/ Agreement:** Nevada Department of Wildlife  
**Location:** Mason Valley Wildlife  
**Start Date:** 10/6/2017  
**End Date:** 1/31/2018

	<b>FY 2017 Labor</b>	<b>Total Project</b>
<b>Expenses: Project Hours:</b>	\$14,157.03 959.25	\$15,000 959.25

Tamarisk at the Mason Valley Wildlife Management Area

*Mason Valley Conservation District Resource Needs Assessment*



Female Bi-State Sage Grouse

In cooperation with the Nevada Association of Conservation Districts (NvACD), Mason Valley Conservation District has implemented a Resource Needs Assessment for the entire Conservation District boundary area. We hope to use this assessment to identify opportunities for District funding that we have not previously pursued, and also to enhance our relationship with Natural Resources Conservation Service. This enhanced relationship may also help the District to partner with NRCS and their clients when implementing Environmental Quality Incentives Program (EQIP) contracts. NvACD has received a grant to help fund personnel to research and prepare the assessments for the District, and the District is providing mapping and data support to that individual.

**Agency/ Agreement:** Nevada Association of Conservation Districts  
**Location:** Mason Valley Conservation District  
**Start Date:** 2/20/2018  
**End Date:** 12/31/2019

	<b>FY 2017 Labor</b>	<b>Total Project</b>
<b>In cooperation Expenses: Project Hours:</b>	\$0 24.5	\$3,000 70

*Normal Business*

In September, 2017, the Mason Valley Conservation District approved the Annual Report and Final Financial Report. Through the course of the year, the board approved the Resource Needs Assessment, a noxious weed grant from the Nevada Department of Agriculture, and a change to the District's insurance to join the POOL/PACT program under the umbrella of Nevada Association of Conservation districts (NvACD).

On January 23, 2018, the Conservation District held a joint meeting with the Smith Valley Conservation District at the Heyday Inn in Smith Valley. The meeting was well attended, and featured guest speakers Maggie Orr, NvACD President, Rick Orr, and Gary McCuin gave a presentation on Resource Needs Assessments (RNA). Ray Dotson, the NRCS Nevada State Conservationist is supporting the Conservation Districts in Nevada with a \$3,000 financial incentive to prepare a RNA for the District. The incentive is for the first six Districts to commit to a RNA development. MVCD voted to move forward with a RNA at their February 20, 2018 meeting.

MVCD held regular business meetings on: September 26, 2017, February 20, 2018, May 22, 2018, and June 19, 2018.

*Project Name: Luning Energy Invasive Weeds*

In December, 2016, Luning Energy Inc. completed construction on their 50 megawatt solar energy plant just northwest of Luning, Nevada. In January, 2018, Liberty Utilities from Lake Tahoe, the new owner of the facility, approached the Mason Valley Conservation District (MVCD) about treating the site for annual invasive weeds. The District evaluated the site and prepared an estimate which was approved in February, 2018. MVCD began spraying in mid-February to get a pre-emergent herbicide applied before the annual weeds started germination. This time of year the weather is not as cooperative. Temperature and wind limited our on-site treatment time on any given day. The site is set up with tracking bars to move the panels with the sun, and these bars are in the center of each row of panels. Consequently, the quad-mounted sprayers had to be backed in to the center of the row, and then driven out to spray, which doubled the time required to cover the ground. The entire project covered approximately 320 acres. We completed the project April 15, 2018. Follow-up monitoring has shown the project to be very successful.

**Funding Agency/ Agreement Number:** Liberty Energy  
**Location:** Luning, Nevada  
**Start Date:** 2/15/2018  
**End Date:** 4/15/2018



Luning Energy Solar Plant

	<b>FY 2017 Labor</b>	<b>Total Project</b>
<b>Expenses:</b>	33,112.50	\$73,440.07
<b>Project Hours:</b>	1223.5	1223.5

*Project Name: Walker Basin Conservancy, Flying M Noxious Weeds*

The Walker Basin Conservancy (WBC) contracted the Mason Valley Conservation District (MVCD) to treat noxious weeds on the Flying M and Ninemile Ranch properties. These activities specifically relate to National Fish and Wildlife Foundation (NFWF) and Walker Basin Conservancy (WBC) goals in the Walker River Basin for restoration efforts of retired farmland as a result of their water acquisitions in an attempt to restore Walker Lake. Because of record snowfall the winter of 2016-17, there was higher water flow in the river, making most of the river corridor inaccessible. There was excessive surface water on many of the fields, making it inappropriate for use of some herbicides. MVCD was able to work with WBC and the grazing operator to coordinate weed spraying activities in areas that weren't being actively grazed, irrigated, or impacted by the surface water. Most of the treated area was in former cultivated lands that have been fallowed. Subsequently, noxious and invasive weeds have begun to take hold.



Spraying Weeds at Flying M Ranch

	<b>FY 2017 Labor</b>	<b>Total Project</b>	<b>Funding Agency/ Agreement Number:</b>	WBC
<b>Expenses:</b>	\$2,575.08	\$39,528	<b>Location:</b>	Flying M Ranch
<b>Project Hours:</b>	415.25	415.25	<b>Start Date:</b>	4/21/2017
			<b>End Date:</b>	9/13/2017

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**MASON VALLEY CONSERVATION  
DISTRICT**

**FINANCIAL REPORT TO  
THE CONSERVATION COMMISSION  
2017/2018 FISCAL YEAR**

**SUMMARY OF RECEIPTS**  
**For the Fiscal Year Ending June 30, 2018**  
**MASON VALLEY CONSERVATION DISTRICT**

<b>Mason Valley (Income)</b>	
MV Annual Noncompetitive Grants	
Lyon County	7,500.00
State Conservation Commission	4542.86
Annual Dinner	402.50
Sprayer Sale	50.00
Projects	
14-016 Clements	
Fringe	201.81
Salary	659.41
17-016 Mitchell	
Fringe	1,332.82
Salary	4,143.75
Operating	304.73
Subcontract	3,350.00
Travel	249.85
Luning Energy LLC	
Operating	38,827.54
Salary	33,112.50
Subcontract	2,200.00
Travel/Mileage	1,500.00
MV Next Generation Conservationists 2016	
Mileage	1,354.13
Operating	1,918.44
Salary	7,077.56
NDOW (Mitchell Bank Stabilization Match)	
	3,300.00
NDOW (Wildlife Management Area)	
Salary	14,999.43
Operating	98.21
Travel/Mileage	744.19
Walker Basin Conservancy Flying M Contract	
Travel/Mileage	3,111.92
Operating	853.64
Salary and Fringe	20,933.64
<b>Total Mason Valley (Income)</b>	<b>152,768.93</b>

**SUMMARY OF EXPENDITURES**  
 For the Fiscal Year Ending June 30, 2018  
 Mason Valley Conservation District

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**Mason Valley Expenses**

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General Operating Expenses

Advertisement	
Annual Dinner	510.00
Bank Service Charge	38.50
Bookkeeping	604.01
Dues	600.00
Drug Testing	30.00
Equipment	761.72
Insurance Premium	1380.53
Office Supplies	12.30

Payroll Expenses

District Administration	25,753.00
Employee Health Insurance	9,751.28
Income Tax	7,477.63
Holiday	3,507.00
Nevada Unemployment	628.41
Vacation	3,564.91
Workers Compensation	588.47

Postage and Delivery	25.00
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Travel and Training	80.00
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Vehicle Maintenance

1500 Chevy	1,132.18
2500 Chevy	2,588.13
2007 Chevy	2,059.28
Ranger	41.22
Volume Fuel Discount	-20.06

Other (Chemical and Quad Storage)	302.50
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Projects

17-016 Mitchell

Mileage	176.55
Operating	3.61
Salary	4,228.53
Subcontract	7,950.00

Luning Energy	
Salary	33,112.50
Operating	38,827.57
Contracting	2,200.00
Travel/Mileage	1,500.00
MV Next Generation Conservationists	
Mileage	2,874.43
Operating	7,292.61
Salary	9,815.84
MV Resource Needs Assessment	
Operating	109.01
Salary	781.50
Travel/Mileage	347.75
NDA MVCD 2018 Weeds	
Mileage	1,477.50
Operating	1,587.23
Salary	13,138.92
NDOW Wildlife Management Area	
Mileage	744.19
Operating	98.21
Salary	14,157.03
WBC Flying M Contract	
Mileage	1,310.96
Operating	770.33
Salary	8,386.20
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<b>Total Mason Valley Expenses</b>	<b>212,306.48</b>
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**FINANCIAL SUMMARY**  
 For the Fiscal Year Ending June 30, 2018  
 Mason Valley Conservation District

**Beginning of Year Fund Balance**

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List of all bank accounts:

Checking Account	
<i>Mason Valley</i>	\$114,109.54
<i>Joint Account</i>	\$33,133.37
Certificate of Deposit	
<i>Mason Valley Certificate of Deposit</i>	\$15,646.41
<b>Total fund balance</b>	<b>\$193,069.32</b>

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**End of Year Fund Balance**

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List of all bank accounts:

Checking Account	
<i>Mason Valley</i>	\$208,638.40
<i>Joint Account</i>	\$86,606.14
Certificate of Deposit	
<i>Mason Valley Certificate of Deposit</i>	\$15,838.06
<b>Total End of Year Fund Balance</b>	<b>\$310,882.60</b>

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**Summary:**

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<b>Beginning of year fund balance</b>	<b>\$193,069.32</b>
Plus total receipts	
<i>Mason Valley</i>	<i>\$152,768.93</i>
<i>Certificate of Deposit Interest</i>	<i>\$191.65</i>
	<b>\$346,029.90</b>
Less total expenditures	
<i>Mason Valley</i>	<i>\$212,306.48</i>
<b>Summary balance:</b>	<b>\$133,723.22</b>

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 Jeff Borsini, Chairman  
 Mason Valley Conservation District

9-18-18  
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 Date