

**A REGULAR MEETING OF THE BOARD OF DIRECTORS  
OF THE TWENTYNINE PALMS WATER DISTRICT  
72401 HATCH ROAD, TWENTYNINE PALMS, CA 92277**

**August 28, 2019 / 4:00 P.M.**

**AGENDA**

This meeting may be viewed on the District's website at [www.29palmswater.net](http://www.29palmswater.net)

Next Resolution #19-13  
Next Ordinance #98

Call to Order and Roll Call

Pledge of Allegiance

Additions/Deletions to the Agenda

Public Comments

Please complete a "Request to be Heard" form prior to the start of the meeting. The public may address the Board for 3 minutes on District-related matters. Government Code prohibits the Board from taking action on matters that are not on the agenda. However, the Board may refer matters for future consideration.

1. Consideration of Resolution 19-12 Adopting the Mojave Integrated Regional Water Management Plan
2. Review and Possible Action for Well TP-2 Engineering Construction Services
3. Consent Calendar

Matters under the Consent Calendar are to be considered routine and will be enacted in a single motion. There will be no separate discussion of these items unless the Board, staff or the public requests specific items be removed for separate discussion and action before the Board votes on the motion to adopt.

  - Minutes of the Regular Meeting held on July 24, 2019
  - Audit List
4. Items Removed from the Consent Calendar for Discussion or Separate Action
5. Management Reports
  - 5.1 Maintenance
  - 5.2 Water Quality
  - 5.3 Finance

5.4 General Manager

6. Future Agenda Items and Staff Tasks/Directors' Comments and Reports

7. Adjournment

The Board reserves the right to discuss only or take action on any item on the agenda.

**Notice of agenda was posted on or before 4:00 p.m., August 23, 2019.**

Ray Kolisz, General Manager

Upon request, this Agenda will be made available in appropriate alternative formats to persons with disabilities, as required by Section 202 of the Americans with Disabilities Act of 1990. Any person with a disability who requires a modification or accommodation in order to participate in a meeting should direct such request to Cindy Fowlkes at (760) 367-7546 at least 48 hours before the meeting, if possible.

Pursuant to Government Code Section 54957.5, any writing that: (1) is a public record; (2) relates to an agenda item for an open session of a regular meeting of the Board of Directors; and (3) is distributed less than 72 hours prior to that meeting, will be made available for public inspection at the time the writing is distributed to the Board of Directors. Any such writing will be available for public inspection at the District offices located at 72401 Hatch Road, Twentynine Palms, CA 92277. In addition, any such writing may also be posted on the District's website.

1

**TWENTYNINE PALMS WATER DISTRICT**  
72401 HATCH ROAD, TWENTYNINE PALMS, CA 92277-2935  
760.367.7546 PHONE 760.367.6612 FAX

TO:	BOARD OF DIRECTORS
DATE:	AUGUST 28, 2019
PREPARED BY:	RAY KOLISZ, GENERAL MANAGER
PRESENTED BY:	MATT SHRAGGE, MAINTENANCE SUPERINTENDENT
SUBJECT:	CONSIDER APPROVING RESOLUTION 19-12 ADOPTING THE MOJAVE INTEGRATED REGIONAL WATER MANAGEMENT PLAN

**BACKGROUND AND DISCUSSION**

In 2013 the Twentynine Palms Water District (District) adopted Resolution 13-13 which allowed inclusion of the District's service area within the Department of Water Resources (DWR) recommended watershed based Integrated Regional Water Management Plan (Plan) boundary that was already in place and active with the Mojave Water Agency (MWA).

Even though the District does not purchase water from MWA participation was granted due to the District's service area being located contiguously to the existing planning area of the MWA's Plan and overlies groundwater basins that are interconnected with basins that were currently inside the existing planning area.

Prior to adoption of Resolution 13-13 the District was not eligible for specific grant funding opportunities offered by the DWR through MWA.

In 2018 the MWA amended and adopted the updated Plan to include the District and the District is required to adopt the amended Plan with a resolution that will enable grant funding opportunities.

Currently the District is seeking a \$1M grant through MWA for the Well #11B treatment plant project.

**RECOMMENDATION**

Staff recommends approving Resolution 19-12 adopting the Mojave Integrated Regional Water Management Plan.

**RESOLUTION NUMBER 19-12  
RESOLUTION OF THE BOARD OF DIRECTORS OF THE  
TWENTYNINE PALMS WATER DISTRICT ADOPTING  
THE MOJAVE INTEGRATED REGIONAL WATER MANAGEMENT PLAN**

**WHEREAS**, a Regional Water Management Group (RWMG) was formed in 2013 for the purpose of preparing an update to, and implementing, the Mojave Integrated Regional Water Management (IRWM) Plan; and,

**WHEREAS**, the RWMG consists of five local organizations, formed via Memorandum of Understanding between the Mojave Water Agency (MWA), Mojave Desert Resource Conservation District, Victor Valley Wastewater Reclamation Authority, Morongo Basin Pipeline Commission and the Technical Advisory Committee to the MWA; and,

**WHEREAS**, the Mojave IRWM Plan was updated during 2013 and 2014, taking into account Proposition 84 guidelines and legislation, amended the Plan in 2018 taking into account Proposition 1 2016 guidelines and legislation, relevant sections of the California Water Code, watershed and resources data within and adjacent to the Mojave Region, proposed projects and priorities of stakeholders interested in the Mojave Region, and strategies to implement the IRWM Plan; and

**WHEREAS**, the Twentynine Palms Water District is located within the Mojave IRWM Region, and staff has participated in the development of, and included projects in, the Mojave IRWM Plan; and,

**WHEREAS**, the Final Draft Mojave IRWM Plan including the most recent amendment was completed by the RWMG and released for public review in May 2018.

**NOW THEREFORE, BE IT RESOLVED**, that the June 2014 Mojave IRWM Plan, amended in 2018, is hereby adopted by the Board of Directors of the Twentynine Palms Water District.

**PASSED, APPROVED AND ADOPTED** this 28th day of August 2019.

Ayes:  
Noes:  
Abstain:  
Absent:

\_\_\_\_\_  
Carol Giannini, President  
Board of Directors

Attest:

\_\_\_\_\_  
Ray Kolisz, Board Secretary  
Twentynine Palms Water District

**2**

**TWENTYNINE PALMS WATER DISTRICT**  
72401 HATCH ROAD, TWENTYNINE PALMS, CA 92277-2935  
760.367.7546 PHONE 760.367.6612 FAX

TO:	BOARD OF DIRECTORS
DATE:	AUGUST 28, 2019
PREPARED BY:	RAY KOLISZ, GENERAL MANAGER
PRESENTED BY:	MIKE MINATREA, TREATMENT/PRODUCTION SUPERINTENDENT
SUBJECT:	REVIEW PROPOSAL FOR WELL TP-2 CONSTRUCTION SERVICES AND POSSIBLE AWARD OF CONTRACT

**BACKGROUND AND DISCUSSION**

The District requested Engineering Resources of Southern California (ERSC) to submit a proposal for construction services related to the Well TP-2 drilling project. The proposal includes ERSC to assist the District with contract administrative tasks, review of project material submittals and hydrogeological services during drilling operations.

A hydrogeologist will be making periodic site visits to monitor the drill cuttings, monitor the contractor's drilling mud program to ensure compliance with specifications and coordinating with District staff.

The proposal from ERSC is attached for your review.

**RECOMMENDATION**

Staff recommends accepting the proposal from Engineering Resources of Southern California in the amount not to exceed of \$32,200.



RECEIVED

AUG 13 2019

TWENTYNINE PALMS WATER DISTRICT

05013019

July 29, 2019

**Ray Kolisz, General Manager**  
**Twentynine Palms Water District**  
72401 Hatch Road  
Twentynine Palms, CA 92277-2935

**Subject: WELL TP-2 CONSTRUCTION SERVICES**

Dear Ray:

In accordance with your request ERSC submits this proposal for Well TP-2 construction related services. These services will include construction management services by ERSC as well as the efforts of consulting hydrogeologist, Mark Roberts, CEG, who has advised the District and **ERSC** concerning preparation of the design documents for well construction.

Proposed construction related services, then, are anticipated to include the following tasks:

- a. Prepare Notice of Award/Letter to the contractor following Board action.
- b. Assist in monitoring contractor's submittal of contract bonds and insurance certificates.
- c. Prepare agenda and attend pre-construction meeting and prepare and distribute minutes.
- d. Review contractor's submittals of materials and equipment proposed.
- e. Respond to contractor's Request for Information (RFI's) and issue clarifying responses, coordinated with hydrogeologist, Mark Roberts, where appropriate.
- f. Provide assistance and contract administration concerning communication with the contractor, contract change orders, if required, and preparation of Statement of Days.
- g. Provide inspection and monitoring of the well construction involving site visits , observation of critical times of construction, design of well, aquifer testing, and well completion report by hydrogeologist, Mark Roberts.
- h. Provide assistance and monitoring of project start-up and testing.
- i. Assist District in project closeout and payment processing for the contractor.

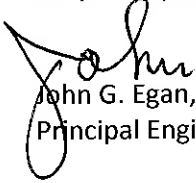
These services will be conducted on a time and materials basis as we cannot determine with certainty the amount of effort required. Estimated amount and suggested for budget purposes for the effort is the amount of \$32,260.00, derived as shown on the accompanying tabulation. Reimbursement for these services will be in accordance with **ERSC's** Schedule of Hourly Billing Rates, copy accompanies.



Responsible for the work proposed to be conducted for the District will be Mr. John Egan, P.E., Principal Engineer with **ERSC**. Hydrogeologic services will be provided, as indicated, by Mark Roberts, CEG. His detailed proposal describing services to be conducted accompanies, also, for your information and review.

Should this proposal be acceptable, and the District wishes to proceed with **ERSC's** services, please so indicate by letter or email.

Very truly yours,

  
John G. Egan, P.E.  
Principal Engineer

JGE:cs

enc.

ENGINEERING RESOURCES OF SOUTHERN CALIFORNIA, INC.

ENGINEERING FEE ESTIMATE  
 TWENTYNINE PALMS WATER DISTRICT  
 CONSTRUCTION SERVICES FOR WELL TP-2 CONSTRUCTION

8/8/19

TASK NO.	TASK DESCRIPTION	STAFF CLASSIFICATION					ERSC LABOR	DIRECT EXP'S	SUBS. (\$)	TASK TOTAL AMT.
		PROJ MGR	SEN ENGR ASSOC	ENG III	ENGR ASSOC III	AA I				
		\$ 185	\$ 150	\$ 97	\$ 100	\$ 58				
		<b>60 CALENDAR DAYS</b>								
	NOA & Monitor Submittal	2				1	\$ 428			\$ 428
	Preconstruction Mtg Agenda & Minutes	8				2	\$ 1,596			\$ 1,596
	Review Contractor Material Submittals	6					\$ 1,110			\$ 1,110
	Respond to Contractor RFI's; Coord w/Hydrogeologist	8				2	\$ 1,596			\$ 1,596
	Contract Admin- Communications; PPE's; CCO's; Working Day Statements(5/month x 2)	4					\$ 740			\$ 740
	Site Visits During Well Construction						\$ 0			\$ 0
	Coordinate w/District	4					\$ 740			\$ 740
	Consulting Hydrogeologist Services-Field Observation Services	4					\$ 740		\$ 12,480	\$ 13,220
	Consulting Hydrogeologist-Hydrogeologic Work/Report	4					\$ 740		\$ 10,092	\$ 10,832
	Coordinate and Review Well Testing	2					\$ 370			\$ 370
	Project Close-Out; Acceptance Letter; Prep/Record NOC; Record Plans	6				3 2	\$ 1,526	\$ 42		\$ 1,568
	<b>TOTALS</b>	<b>48</b>	<b>0</b>			<b>3 7</b>	<b>\$ 9,586</b>	<b>\$ 0</b>	<b>\$ 22,572</b>	<b>\$ 32,200</b>

# ERSC Billing Rates



## SCHEDULE OF HOURLY BILLING RATES

Effective June 30, 2019

### Professional Staff

Principal/President.....	\$220.00	Principal Surveyor.....	\$149.00
Vice President.....	195.00	Senior Surveyor.....	127.00
Senior Principal Engineer.....	190.00		
Principal Engineer.....	185.00	Principal Engineering Associate...	\$175.00
		Senior Engineering Associate.....	150.00
Engineer V.....	140.00	Engineering Associate III.....	100.00
Engineer IV.....	125.00	Engineering Associate II.....	90.00
Engineer III.....	110.00	Engineering Associate I.....	80.00
Engineer II.....	97.00		
Engineer I.....	82.00	Engineering Aide II.....	\$44.00
		Engineering Aide I.....	37.00

### Administrative Staff

Operations Specialist.....	\$71.00
Administrative Assistant II.....	64.00
Administrative Assistant I.....	58.00

### Construction Support Staff

Construction Manager.....	\$140.00
Resident Engineer.....	\$185.00
Senior Construction Inspector.....	\$115.00
Construction Inspector.....	\$110.00

### Reimbursables

Mileage.....	\$0.65 mile
Direct Cost.....	Cost + 20%

Testimony under oath will be billed at \$350 per hour with a four (4) hour minimum.

Office (760) 900-2396  
Cell (760) 900-2396  
Fax

**Mark Roberts**  
Consulting Geology  
Consulting Hydrogeology

P.O. Box 290932 Phelan, CA 92329  
E-mail: mwr Roberts@netzero.net

July 30, 2019

Mr. John Egan, Engineering Resources of Southern California (ERSC)  
1820 Commerce Center Circle  
San Bernardino, Ca. 92408  
email: jegan@erscinc.com

Re: 29 Palms Water District; New Water Supply Well TP-2

Mr. Egan;

Pursuant to your email request, I am transmitting this expression of interest to perform well construction supervision for development of an additional water supply for the 29 Palms Water District. As we understand the assignment, we are prepared to complete the following tasks;

**TASK 1 - WELL CONSTRUCTION SERVICE**

Geologic services during the following phases of water well construction and testing to include;

- Rig Mobilization (5 hours)
- Pilot Hole Drilling and Geologic Logging, three trips to site (24 hours)
- Geophysical Logging (6 hours)
- Aquifer Isolation Zone Sampling (2 @ 12 hours each)
- Well Design (one meeting, 5 hours)
- Installation of Casing and Gravel Pack (20 hours)
- Mechanical Development of Well (15 hours)
- Pump Development of Well (15 hours)
- Well and Aquifer Testing (10 hours)
- Well Completion Report (6 hours)

The estimated time for the work as outlined above is 130 hours hydrogeologic work, 80 hours field work for well construction supervision with aquifer testing = \$10,400.00, 50 hours hydrogeologic work = \$8,250.00. Hours are distributed according to the site activities with the critical phases of work receiving the necessary time to attain the desired results.

Costs for the work as outlined above are as follows:

Office (760) 900-2396  
Cell (760) 900-2396  
Fax

**Mark Roberts**  
Consulting Geology  
Consulting Hydrogeology

P.O. Box 290932 Phelan, CA 92329  
E-mail: [mwroberts@netzcro.net](mailto:mwroberts@netzcro.net)

**Task 1: Well TO-2 Construction Supervision, Development, and Testing** \$18,650.00

Secretarial and Reproduction costs- \$160.00

Total Cost \$18,810.00

The listed costs are a not to exceed amount for completion of each Task. We look forward to working with you on this project. If you have any questions, please feel free to contact me at your convenience.

Mark Roberts

Consulting Hydrogeologist  
Certification #600

**3**

**MINUTES OF A REGULAR MEETING OF THE BOARD OF DIRECTORS  
OF THE TWENTYNINE PALMS WATER DISTRICT  
72401 HATCH ROAD, TWENTYNINE PALMS, CA 92277**

**July 24, 2019 / 4:00 P.M.**

Call to Order and Roll Call

President Giannini called the meeting to order at 4:06 p.m., 72401 Hatch Road, Twentynine Palms, California. Those responding to roll call were Directors Bob Coghill, Suzi Horn, Carol Giannini, and Neal Stephenson. Director Randy Leazer was absent. Also present were General Manager Ray Kolisz, Treatment/Production Superintendent Mike Minatrea, Maintenance Superintendent Matt Shragge, Financial Consultant Cindy Byerrum, and District Secretary Cindy Fowlkes.

Pledge of Allegiance

Cindy Fowlkes led the pledge.

Additions/Deletions to the Agenda

None

Public Comments

None

1. Consideration of Resolution 19-11 Approving the Adoption of the Public Agencies Post-Employment Benefits Trust Administered by Public Agency Retirement Services (PARS) for Miscellaneous Employees

Staff recommends approving Resolution 19-11. Establishing a pension trust will help offset long-term pension obligations and provide the District greater local control of assets and investment flexibility. Keith Sterling was present to speak to the Board. The District was complemented for being 81% funded, better off than most Districts.

Director Stephenson made a motion to adopt Resolution 19-11 approving the adoption of the public agencies post-employment benefits trust administered by PARS for miscellaneous employees, seconded by Director Horn, and approved by the following roll call vote:

Ayes: Directors Coghill, Horn, Stephenson, and Giannini  
Noes: None  
Abstain: None  
Absent: Director Leazer

2. Review Well TP-2 Project Bid Results and Possible Award of Contract

Staff recommends awarding the bid to the lowest bidder for either the HSLA or Stainless Steel construction. Four bids were received during the bidding process.

Ed Vallerand, of Twentynine Palms, spoke in favor of stainless steel.

Director Stephenson made a motion to award the TP-2 contract to Layne Christensen for stainless steel casing in the amount of \$752,116.00, seconded by Director Coghill, and approved by the following roll call vote:

Ayes: Directors Coghill, Horn, Stephenson, and Giannini  
Noes: None  
Abstain: None  
Absent: Director Leazer

3. Review and Approve the Determination of Environmental Compliance and File a Notice of Exemption for Well TP-2 Project

Director Horn made a motion to approve the Determination of Environmental Compliance and file a notice of exemption for Well TP-2 project, seconded by Director Coghill, and approved by the following roll call vote:

Ayes: Directors Coghill, Horn, Stephenson, and Giannini  
Noes: None  
Abstain: None  
Absent: Director Leazer

4. Approval of Amendment to General Manager Employment Agreement

The amendment allows the employee to be eligible for a sustained performance compensation contingent upon a performance evaluation and based on the actual average score of the performance. The annual base salary will remain the same.

Director Coghill made a motion to approve the amendment to the General Manager's employment agreement, seconded by Director Horn, and approved by the following roll call vote:

Ayes: Directors Coghill, Horn, Stephenson, and Giannini  
Noes: None  
Abstain: None  
Absent: Director Leazer

5. Discussion of Election Cost Estimate by the San Bernardino County Registrar of Voters

The annual budget was adopted with a \$20,000 line item for the upcoming election cost. On July 12, 2019, the District received a cost estimate from the Registrar of Voters (ROV) estimating the election costs at \$101,000. The unexpected costs will require adjustments and or amendments to the adopted annual budget.

6. Approve Directors to Attend the CSDA Annual Conference and Exhibitor Showcase (September 25-28, 2019) and to Provide Daily Meeting Stipend

Director Horn made a motion to approve three Directors to attend the CSDA annual conference and provide a daily meeting stipend, seconded by Director Coghill, and approved unanimously.

7. Consent Calendar

- Minutes of a Regular Meeting held on June 26, 2019
- Audit List

Director Stephenson, moved to approve the Minutes and Audit List, seconded by Director Horn, and approved unanimously.

8. Items Removed from the Consent Calendar for Discussion or Separate Action

None



9. Management Reports

9.1 Maintenance

Matt Shragge reported that the District responded to 46 Underground Service Alerts, had 0 water main leaks, 5 water meter leaks, 0 service line leaks, 0 fire hydrant repairs and 22 painted, performed 6 customer pressure checks, replaced 14 meters, replaced 5 customer gate valves, and installed 1 new service. 0 water waste inquiries were received. 572 work orders were generated and performed during the month. 350 AMI/AMR meters were installed in June, bringing the total to 950.

9.2 Water Quality

Mike Minatrea reported Water production was down 19.06% as compared to the same month in 2013. 38 routine and 7 special water were taken. All samples tested negative for Colilert. The fluoride variance of 3.0 mg/L will expire in 2023. All current wells meet the 2.0 mg/L standard variance set by the State Water Resource Control Board. Approximately 79,000,000 gallons of water was produced in the month of June.

9.3 Finance

Cindy Byerrum reported that revenue is at 94% with operating expenses at 88%. The District looks to end the fiscal year in the black.

9.4 General Manager

Mr. Kolisz informed the Board that he and Director Giannini met with Assemblyman Bloom and expressed the District's concerns. The water tax bill did not pass. After the recent earthquakes, Staff drove around the District and performed windshield checks to determine what damage if any the District suffered. Fortunately, the District did not have to open the Emergency Response Plan.

10. Future Agenda Items and Staff Tasks/Directors' Comments and Reports

None

11. Adjournment

On motion by Director Horn, seconded by Director Coghill, and approved by the Board, the meeting was adjourned at: 4:54 p.m.

\_\_\_\_\_  
Carol Giannini, President  
Board of Directors

Attest:

\_\_\_\_\_  
Ray Kolisz, Board Secretary  
Twentynine Palms Water District

# Twentynine Palms Water District

**Check Date Range:** 7/1/2019 thru 7/31/2019

Ck No	Ck Date	Payable To	Ck Amt	Ck Detail	GL Acct No	Description
13033	07/01/2019	Sunrise Ford	56,388.77	56,388.77	100-875-0000-6001	2019 Ford Expedition
13034	07/10/2019	Patriot Environmental Services	1,727.28	1,727.28	100-130-0000-5406	Remove AC pipe from shop
13035	07/10/2019	Richard Capelli 29 Palms Fencing	750.00	750.00	100-130-0000-5406	Install new 6'x16' Gate at Stockwell Res.
13036	07/10/2019	Accela, Inc. #774375	1,826.00	1,826.00	100-600-0000-5408	06/01/2019 -06/30/2019
13037	07/10/2019	Customer Refund	23.58	23.58	100-000-0000-2000	Refund Check
13038	07/10/2019	Autozone Inc.	217.30	28.00	100-130-0000-5222	Veh. #29 Fuel Filter Cap.
				52.79	100-130-0000-5222	Veh. #5 Interior Door Handle.
				104.22	100-130-0000-5222	Veh. #24 Spark Plugs.
				32.29	100-130-0000-5220	Shop Supplies-Desiel Exhaust Fluid.
13039	07/10/2019	Avalon Urgent Care	200.00	100.00	100-130-0000-5242	DMV Physical
				100.00	100-130-0000-5242	DMV Physical
13040	07/10/2019	Customer Refund	15.73	15.73	100-000-0000-2000	Refund Check
13041	07/10/2019	Customer Refund	51.98	51.98	100-000-0000-2000	Refund Check
13042	07/10/2019	Best Best & Krieger	1,485.00	270.00	100-600-0000-5403	Professional Services June 2019
				1,215.00	100-600-0000-5403	Professional Services June 2019
13043	07/10/2019	Customer Refund	64.55	64.55	100-000-0000-2000	Refund Check
13044	07/10/2019	Customer Refund	23.84	23.84	100-000-0000-2000	Refund Check
13045	07/10/2019	Customer Refund	53.38	53.38	100-000-0000-2000	Refund Check
13046	07/10/2019	Aaron Bowe	502.35	502.35	100-130-0000-5406	Fabrication of a new Gate, Well #14,17
13047	07/10/2019	Customer Refund	22.43	22.43	100-000-0000-2000	Refund Check
13048	07/10/2019	Customer Refund	92.07	92.07	100-000-0000-2000	Refund Check
13049	07/10/2019	Customer Refund	48.23	48.23	100-000-0000-2000	Refund Check
13050	07/10/2019	Burrtec Waste & Recycling Svcs	207.80	141.62	100-600-0000-5406	Hatch
				66.18	100-150-0000-5406	Amboy
13051	07/10/2019	Customer Refund	37.96	37.96	100-000-0000-2000	Refund Check
13052	07/10/2019	Customer Refund	12.84	12.84	100-000-0000-2000	Refund Check
13053	07/10/2019	Chem-Tech International Inc.	12,880.00	12,880.00	100-150-0000-5211	Load of Acid (Treatment Plant)
13054	07/10/2019	Customer Refund	14.74	14.74	100-000-0000-2000	Refund Check
13055	07/10/2019	Customer Refund	50.86	50.86	100-000-0000-2000	Refund Check
13056	07/10/2019	County Of San Bernardino	5,000.00	5,000.00	100-600-0000-5408	LAFCO'S 2019-2020 Apportionment

# Twentynine Palms Water District

**Check Date Range:** 7/1/2019 thru 7/31/2019

13057	07/10/2019	Customer Refund	28.62	28.62	100-000-0000-2000	Refund Check
13058	07/10/2019	Customer Refund	22.78	22.78	100-000-0000-2000	Refund Check
13059	07/10/2019	Customer Refund	5.12	5.12	100-000-0000-2000	Refund Check
13060	07/10/2019	Customer Refund	44.58	44.58	100-000-0000-2000	Refund Check
13061	07/10/2019	Customer Refund	16.42	16.42	100-000-0000-2000	Refund Check
13062	07/10/2019	Customer Refund	59.32	59.32	100-000-0000-2000	Refund Check
13063	07/10/2019	Frontier Communications	159.19	159.19	100-600-0000-5203	Hatch
13064	07/10/2019	Customer Refund	27.49	27.49	100-000-0000-2000	Refund Check
13065	07/10/2019	Customer Refund	25.31	25.31	100-000-0000-2000	Refund Check
13066	07/10/2019	Customer Refund	58.03	58.03	100-000-0000-2000	Refund Check
13067	07/10/2019	Customer Refund	16.86	16.86	100-000-0000-2000	Refund Check
13068	07/10/2019	Customer Refund	45.82	45.82	100-000-0000-2000	Refund Check
13069	07/10/2019	Customer Refund	40.95	40.95	100-000-0000-2000	Refund Check
13070	07/10/2019	Customer Refund	67.41	67.41	100-000-0000-2000	Refund Check
13071	07/10/2019	Inland Water Works	3,749.70	3,749.70	100-000-0000-1499	2" ZENNER COMPOUND METER
13072	07/10/2019	Interactive Controls ,Inc.	649.14	649.14	100-150-0000-5406	Modify start sequence for primary and backup Treatment Plant sca
13073	07/10/2019	Customer Refund	25.24	25.24	100-000-0000-2000	Refund Check
13074	07/10/2019	Customer Refund	10.24	10.24	100-000-0000-2000	Refund Check
13075	07/10/2019	Customer Refund	18.33	18.33	100-000-0000-2000	Refund Check
13076	07/10/2019	Customer Refund	43.62	43.62	100-000-0000-2000	Refund Check
13077	07/10/2019	Customer Refund	25.74	25.74	100-000-0000-2000	Refund Check
13078	07/10/2019	Konica Minolta Premier	325.26	163.77	100-150-0000-5223	06/01/2019 - 06/30/2019
				161.49	100-150-0000-5223	05/01/2019 - 05/31/2019
13079	07/10/2019	Customer Refund	58.45	58.45	100-000-0000-2000	Refund Check
13080	07/10/2019	Customer Refund	75.00	75.00	100-000-0000-2000	Refund Check
13081	07/10/2019	Customer Refund	22.60	22.60	100-000-0000-2000	Refund Check
13082	07/10/2019	Customer Refund	40.57	40.57	100-000-0000-2000	Refund Check
13083	07/10/2019	Customer Refund	75.00	75.00	100-000-0000-2000	Refund Check
13084	07/10/2019	Lorbel Critical Power Services	1,400.00	1,400.00	100-600-0000-5406	Service Contract 07/01/2019 - 06/30/2020
13085	07/10/2019	Customer Refund	50.96	50.96	100-000-0000-2000	Refund Check
13086	07/10/2019	Customer Refund	25.84	25.84	100-000-0000-2000	Refund Check
13087	07/10/2019	Customer Refund	43.19	43.19	100-000-0000-2000	Refund Check

# Twentynine Palms Water District

**Check Date Range:** 7/1/2019 thru 7/31/2019

13088	07/10/2019	Mark Speer Automotive	81.95	81.95	100-130-0000-5407	Veh. #23 Front Alignment.
13089	07/10/2019	Customer Refund	36.56	36.56	100-000-0000-2000	Refund Check
13090	07/10/2019	Mcmaster-Carr Supply Co.	400.14	361.73	100-150-0000-5220	Filter Bags 100 Microns Treatment Plant
				38.41	100-130-0000-5222	Veh. #31 Shut Off Valve.
13091	07/10/2019	Minolta Business Systems	223.78	223.78	100-600-0000-5223	05/23/2019 - 06/22/2019
13092	07/10/2019	Customer Refund	21.21	21.21	100-000-0000-2000	Refund Check
13093	07/10/2019	O'Reilly Automotive Inc.	371.29	353.90	100-130-0000-5222	Veh. #23 Steering Gearbox.
				130.53	100-130-0000-5222	Veh. #31 Filters.
				(113.14)	100-130-0000-5222	Veh. #23 Steering Gearbox Core Return.
13094	07/10/2019	Customer Refund	75.00	75.00	100-000-0000-2000	Refund Check
13095	07/10/2019	Ortega Strategies Group	5,000.00	5,000.00	100-600-0000-5350	Consulting June 2019
13096	07/10/2019	Customer Refund	24.49	24.49	100-000-0000-2000	Refund Check
13097	07/10/2019	Pacific Western Bank	5,445.28	89.00	100-600-0000-5301	Charges
				63.98	100-600-0000-5301	Charges
				100.00	100-600-0000-5406	Charges
				51.95	100-150-0000-5220	Charges
				31.52	100-130-0000-5220	Charges
				166.36	100-600-0000-5301	Charges
				59.96	100-600-0000-5406	Charges
				64.57	100-600-0000-5203	Charges
				97.57	100-150-0000-5203	Charges
				38.77	100-600-0000-5301	Charges
				4.19	100-600-0000-5408	Charges
				32.49	100-600-0000-5408	Charges
				(75.32)	100-600-0000-5301	Charges
				93.95	100-130-0000-5220	Charges
				9.61	100-600-0000-5301	Charges
				(122.42)	100-600-0000-5301	Charges
				151.13	100-130-0000-5228	Charges
121.03	100-150-0000-5220	Charges				
121.47	100-600-0000-5301	Charges				
163.76	100-600-0000-5301	Charges				

# Twentynine Palms Water District

**Check Date Range:** 7/1/2019 thru 7/31/2019

				521.96	100-600-0000-5330	Charges
				468.78	100-110-0000-5225	Charges
				2,290.00	100-875-0000-6001	Charges
				107.18	100-600-0000-5302	Charges
				750.70	100-600-0000-5330	Charges
				43.09	100-600-0000-5301	Charges
13098	07/10/2019	Customer Refund	47.72	47.72	100-000-0000-2000	Refund Check
13099	07/10/2019	Customer Refund	47.13	47.13	100-000-0000-2000	Refund Check
13100	07/10/2019	Customer Refund	75.00	75.00	100-000-0000-2000	Refund Check
13101	07/10/2019	Prudential Overall Supply	625.44	83.99	100-130-0000-5253	Uniforms
				314.55	100-130-0000-5253	Uniforms
				83.99	100-130-0000-5253	Uniforms
				142.91	100-130-0000-5253	Uniforms
13102	07/10/2019	Customer Refund	61.57	61.57	100-000-0000-2000	Refund Check
13103	07/10/2019	Customer Refund	41.88	41.88	100-000-0000-2000	Refund Check
13104	07/10/2019	S.C.E.	23,089.80	818.97	100-120-0000-5201	Booster H1N, H2S
				1,502.75	100-110-0000-5201	Well 16
				10,842.01	100-110-0000-5201	Well TP-1
				51.98	100-110-0000-5201	Well 9, Booster 6A, 6B
				6,015.48	100-110-0000-5201	Well 17
				20.22	100-110-0000-5201	Well 4
				2,184.07	100-600-0000-5201	Hatch
				1,640.98	100-150-0000-5201	Amboy
				13.34	100-110-0000-5201	Michell's
13105	07/10/2019	Satmodo LLC	149.66	149.66	100-600-0000-5203	Iridium Monthly Minute Plans
13106	07/10/2019	Shopleet.Com	135.66	135.66	100-600-0000-5301	Office Supplies
13107	07/10/2019	Customer Refund	49.03	49.03	100-000-0000-2000	Refund Check
13108	07/10/2019	Customer Refund	51.80	51.80	100-000-0000-2000	Refund Check
13109	07/10/2019	Southern Calif. Gas Co.	3.01	3.01	100-600-0000-5202	Hatch
13110	07/10/2019	Spectrum Business	294.97	144.98	100-600-0000-5203	La Luna
				149.99	100-150-0000-5203	Joe Davis
13111	07/10/2019	Bob Stephenson	125.00	125.00	100-610-0000-5350	Video Recording June Board Meeting

# Twentynine Palms Water District

**Check Date Range:** 7/1/2019 thru 7/31/2019

13112	07/10/2019	Sturdivan Emergency Management Consulting	1,500.00	1,500.00	100-600-0000-5406	Emergency Management Consulting
13113	07/10/2019	Customer Refund	54.00	54.00	100-000-0000-2000	Refund Check
13114	07/10/2019	Tom Dodson & Associates	1,850.00	1,850.00	100-825-0000-6001	Professional Services
13115	07/10/2019	Customer Refund	58.96	58.96	100-000-0000-2000	Refund Check
13116	07/10/2019	Underground Service Alert	222.95	142.00	100-130-0000-5406	80 new tickets
				80.95	100-130-0000-5406	43 new tickets
13117	07/10/2019	United Cerebral Palsy Assoc.	284.08	284.08	100-160-0000-5406	Mail Production Services
13118	07/10/2019	Usa Blue Book	640.92	493.81	100-130-0000-5220	48" W x 36" H dry erase board
				(165.90)	100-130-0000-5220	48" W x 36" H dry erase board
				313.01	100-150-0000-5220	Fluoride Standard 10ppm, 1ppm Treatment Plant
13119	07/10/2019	Vagabond Welding Supply	517.65	517.65	100-130-0000-5220	Material for gate replacement Well 14,17
13120	07/10/2019	Customer Refund	32.12	32.12	100-000-0000-2000	Refund Check
13122	07/15/2019	Susan L. Simmons	1,425.00	1,425.00	100-600-0000-5406	Janitorial Services July 2019
13123	07/24/2019	Richard Capelli 29 Palms Fencing	975.00	450.00	100-130-0000-5406	Cut in walk in gate, Repair exsiting Gate. Lear Res
				525.00	100-130-0000-5406	Relocate gate
13124	07/24/2019	A.C.W.A. J.P.I.A.	10,652.57	10,652.57	100-310-0000-5161	Workers' Comp Quarter - 4
13125	07/24/2019	ACWA/JPIA	35,518.28	31,024.93	100-310-0000-5140	Health Benefits August 2019
				2,083.70	100-310-0000-5141	Health Benefits August 2019
				689.68	100-310-0000-5142	Health Benefits August 2019
				1,719.97	100-310-0000-5144	Health Benefits August 2019
13126	07/24/2019	Ansafone Contact Centers	166.77	166.77	100-160-0000-5406	Answering Service
13127	07/24/2019	Autozone Inc.	433.14	140.06	100-130-0000-5220	Shop Supplies-A/C Gauges.
				6.89	100-130-0000-5220	Shop Supplies-Car Wash.
				194.94	100-130-0000-5222	Veh. #21 Battery
				28.84	100-130-0000-5220	Shop Supplies-DEF.
				62.41	100-130-0000-5220	Shop Supplies-Windshield Washer Fluid/Towels.
13128	07/24/2019	BIRKSCO	450.00	450.00	100-130-0000-5406	Tested, and Repaired Smart Card Reader.Small Side (Pavmeters) Hatch
13129	07/24/2019	Centurylink Business Services	18.50	18.50	100-600-0000-5203	
13130	07/24/2019	Chem-Tech International Inc.	6,391.73	6,391.73	100-150-0000-5211	Load of Acid Treatment Plant
13131	07/24/2019	Clinical Lab of San Bern.	3,827.50	3,827.50	100-140-0000-5405	Water Samples
13132	07/24/2019	County Of San Bernardino	299.04	43.98	100-130-0000-5406	O&M waste
				18.70	100-130-0000-5406	O&M waste

# Twentynine Palms Water District

Check Date Range: 7/1/2019 thru 7/31/2019

				107.89	100-150-0000-5406	Treatment Plant Waste
				13.39	100-130-0000-5406	O & M waste
				115.08	100-130-0000-5406	O&M waste
13133	07/24/2019	CWEA-TCP	89.00	89.00	100-130-0000-5303	Collection System Maintenance Grade 1 Renewal
13134	07/24/2019	Customer Refund	75.00	75.00	100-000-0000-2000	Refund Check
13135	07/24/2019	Desert Hardware	39.42	7.00	100-130-0000-5220	Shop Supplies-Drill Bit
				32.42	100-150-0000-5220	Misc Parts Treatment Plant
13136	07/24/2019	Engineering Resources	5,400.00	5,400.00	100-825-0000-6001	Professional Services
13137	07/24/2019	Mike Ernst	200.00	200.00	100-130-0000-5406	Replace hinges, spring loaded door sweep and repair threshold
13138	07/24/2019	Federal Express Corp.	89.01	89.01	100-600-0000-5406	Shipping
13139	07/24/2019	Frontier Communications	147.36	147.36	100-600-0000-5203	Hatch
13140	07/24/2019	Customer Refund	22.72	22.72	100-000-0000-2000	Refund Check
13141	07/24/2019	Inland Water Works	487.30	141.00	100-130-0000-5220	J&R 4.0 lid for concrete box
				346.30	100-130-0000-5220	J&R 4.0 lid for concrete box 2 piece
13142	07/24/2019	Kennedy/Jenks Consultants	2,170.00	280.00	100-130-0000-5405	Professional Services
				1,890.00	100-875-0000-6001	Professional Services
13143	07/24/2019	Konica Minolta Premier	318.03	318.03	100-600-0000-5223	07/01/2019 - 07/31/2019
13144	07/24/2019	Customer Refund	75.00	75.00	100-000-0000-2000	Refund Check
13145	07/24/2019	Mark Speer Automotive	579.17	579.17	100-130-0000-5407	Outside Repairs-Veh. #21 A/C Repair.
13146	07/24/2019	Mccall's Meter Sales & Service	916.53	916.53	100-120-0000-5406	Repair 2Mile Booster Pump Flow Meter
13147	07/24/2019	Mcmaster-Carr Supply Co.	937.31	215.24	100-150-0000-5220	Pleated Panel Air Filter
				722.07	100-150-0000-5220	Desiccant, Filter Element, Replacement Filter, Bi-Pin Tubular Li
13148	07/24/2019	Merit Oil Company	9,423.55	6,726.75	100-000-0000-1401	regular 87 octane unleaded gas
				2,669.80	100-000-0000-1401	Ultra low sulfur diesel clear
				27.00	100-000-0000-1401	Ultra low sulfur diesel clear
13149	07/24/2019	Mojave Des Air Qlty Mgmt Dist	1,933.10	323.01	100-130-0000-5303	AQMD DIESEL IC ENGINE, EMERGENCY GENERATOR PLANT
				1,610.09	100-130-0000-5303	AQMD GASOLINE DISPENSING FACILITY (NON-RETAIL) PERMIT # N002437
13150	07/24/2019	Napa Auto Parts	525.39	(114.14)	100-130-0000-5222	Veh. #12 A/C Condensor. CREDIT
				130.42	100-130-0000-5222	Veh. #23 Power Steering Pump.
				359.52	100-130-0000-5222	Veh. #22 Fan Clutch.
				109.53	100-130-0000-5222	Veh. #12 Fan Clutch.
				(40.24)	100-130-0000-5222	Veh. #23-Power Steering Pump. CREDIT

# Twentynine Palms Water District

Check Date Range: 7/1/2019 thru 7/31/2019

				80.30	100-130-0000-5222	Veh. #12-Fan Clutch
13151	07/24/2019	Pro Security Systems	432.00	144.00	100-130-0000-5406	Quarterly Monitoring
				144.00	100-150-0000-5406	Quarterly Monitoring
				144.00	100-600-0000-5406	Quarterly Monitoring
13152	07/24/2019	Prudential Overall Supply	513.99	210.91	100-130-0000-5253	Uniforms
				83.99	100-130-0000-5253	Uniforms
				83.99	100-130-0000-5253	Uniforms
				135.10	100-130-0000-5253	Uniforms
13153	07/24/2019	S.C.E.	14,192.43	84.18	100-110-0000-5201	Donnell
				4,478.86	100-120-0000-5201	Booster TP-1
				1,208.76	100-110-0000-5201	Well 1
				36.10	100-110-0000-5201	Donnell
				4,432.94	100-110-0000-5201	Well 14
				552.19	100-120-0000-5201	Booster Two Mile
				470.71	100-110-0000-5201	Well 11
				109.54	100-110-0000-5201	D. H. Resv. & Hydro
				244.02	100-110-0000-5201	Well 15
				1,636.55	100-120-0000-5201	Booster Lupine
				938.58	100-120-0000-5201	Booster Sullivan
13154	07/24/2019	Safety-Kleen Systems Inc.	204.72	204.72	100-130-0000-5406	Outside Services-Parts Washer Service.
13155	07/24/2019	San Bernardino Co. Fire	2,191.00	2,191.00	100-000-0000-1600	Hazardous Materials Cupa Permit
13156	07/24/2019	San Bernardino County	1,541.00	1,541.00	100-110-0000-5303	Annual Inspection fee 2019 File 6-401/2.04
13157	07/24/2019	San Bernardino County	6.00	6.00	100-130-0000-5301	Monthly Assessor parcel map revisions July 2019
13158	07/24/2019	Satmodo LLC	149.66	149.66	100-600-0000-5203	Iridium Monthly Minute Plans
13159	07/24/2019	Sulzer	2,011.64	2,011.64	100-120-0000-5406	SYMCOM 777 P2 Voltage-Amp-Phase Relay SYMCOM RS485MS-2W MOTORS AV T3 Renewal - Minatrea
13160	07/24/2019	SWRCB-DWOCF	90.00	90.00	100-130-0000-5242	
13161	07/24/2019	TPX Communications	753.69	753.69	100-600-0000-5203	Hatch
13162	07/24/2019	Union Bank	2,040.06	50.47	100-130-0000-5406	Charges
				551.25	100-130-0000-5406	Charges
				48.26	100-600-0000-5330	Charges
				149.68	100-150-0000-5221	Charges
				99.04	100-130-0000-5220	Charges



# Twentynine Palms Water District

**Check Date Range:** 7/1/2019 thru 7/31/2019

				19.94	100-610-0000-5301	Charges
				41.32	100-600-0000-5330	Charges
				50.66	100-600-0000-5330	Charges
				359.73	100-600-0000-5330	Charges
				374.00	100-130-0000-5222	Charges
				34.72	100-600-0000-5408	Charges
				260.99	100-130-0000-5228	Charges
13163	07/24/2019	Usa Blue Book	1,267.26	181.26	100-140-0000-5211	Check Valve/25 ft coil
				1,086.00	100-150-0000-5220	Fluoride Standard TISAB
13164	07/24/2019	Customer Refund	14.22	14.22	100-000-0000-2000	Refund Check
13165	07/24/2019	Customer Refund	14.77	14.77	100-000-0000-2000	Refund Check
13166	07/24/2019	Customer Refund	29.34	29.34	100-000-0000-2000	Refund Check
13167	07/24/2019	Customer Refund	24.89	24.89	100-000-0000-2000	Refund Check
13168	07/24/2019	Customer Refund	30.81	30.81	100-000-0000-2000	Refund Check
13169	07/24/2019	Customer Refund	33.54	33.54	100-000-0000-2000	Refund Check
13170	07/24/2019	Customer Refund	8.12	8.12	100-000-0000-2000	Refund Check
13171	07/24/2019	Customer Refund	38.90	38.90	100-000-0000-2000	Refund Check
13172	07/24/2019	Customer Refund	34.75	34.75	100-000-0000-2000	Refund Check
13173	07/24/2019	Customer Refund	46.41	46.41	100-000-0000-2000	Refund Check
13174	07/24/2019	Customer Refund	64.11	64.11	100-000-0000-2000	Refund Check
13175	07/24/2019	Customer Refund	8.52	8.52	100-000-0000-2000	Refund Check
13176	07/24/2019	Customer Refund	30.01	30.01	100-000-0000-2000	Refund Check
13177	07/24/2019	Customer Refund	18.34	18.34	100-000-0000-2000	Refund Check
13178	07/24/2019	Customer Refund	75.00	75.00	100-000-0000-2000	Refund Check
13179	07/24/2019	Customer Refund	2.99	2.99	100-000-0000-2000	Refund Check
13180	07/24/2019	Customer Refund	24.90	24.90	100-000-0000-2000	Refund Check
13181	07/24/2019	Customer Refund	29.98	29.98	100-000-0000-2000	Refund Check
13182	07/24/2019	Customer Refund	29.98	29.98	100-000-0000-2000	Refund Check
13183	07/24/2019	Customer Refund	54.69	54.69	100-000-0000-2000	Refund Check
13184	07/24/2019	Customer Refund	3.95	3.95	100-000-0000-2000	Refund Check
13185	07/24/2019	Customer Refund	37.25	37.25	100-000-0000-2000	Refund Check
13186	07/24/2019	Customer Refund	15.35	15.35	100-000-0000-2000	Refund Check

# Twentynine Palms Water District

**Check Date Range:** 7/1/2019 thru 7/31/2019

13187	07/24/2019	Customer Refund	52.79	52.79	100-000-0000-2000	Refund Check
13188	07/24/2019	Customer Refund	43.44	43.44	100-000-0000-2000	Refund Check
13189	07/24/2019	Customer Refund	29.68	29.68	100-000-0000-2000	Refund Check
13190	07/24/2019	Customer Refund	68.03	68.03	100-000-0000-2000	Refund Check
13191	07/24/2019	Customer Refund	48.41	48.41	100-000-0000-2000	Refund Check
13192	07/24/2019	Customer Refund	25.77	25.77	100-000-0000-2000	Refund Check
13193	07/24/2019	Customer Refund	47.91	47.91	100-000-0000-2000	Refund Check
13194	07/24/2019	Customer Refund	52.35	52.35	100-000-0000-2000	Refund Check
13195	07/24/2019	Customer Refund	17.64	17.64	100-000-0000-2000	Refund Check
13196	07/24/2019	Customer Refund	2.71	2.71	100-000-0000-2000	Refund Check
13197	07/24/2019	Customer Refund	34.55	34.55	100-000-0000-2000	Refund Check
13198	07/24/2019	Customer Refund	25.79	25.79	100-000-0000-2000	Refund Check
13199	07/24/2019	Customer Refund	20.91	20.91	100-000-0000-2000	Refund Check
13200	07/24/2019	Customer Refund	63.16	63.16	100-000-0000-2000	Refund Check
13201	07/24/2019	Customer Refund	7.36	7.36	100-000-0000-2000	Refund Check
13202	07/24/2019	Customer Refund	64.02	64.02	100-000-0000-2000	Refund Check
13203	07/24/2019	Customer Refund	56.96	56.96	100-000-0000-2000	Refund Check
13204	07/24/2019	Customer Refund	52.65	22.65	100-000-0000-2000	Refund Check
				30.00	100-000-0000-2000	Refund Check
13205	07/24/2019	Customer Refund	12.57	12.57	100-000-0000-2000	Refund Check
13206	07/24/2019	Customer Refund	23.75	23.75	100-000-0000-2000	Refund Check
13207	07/24/2019	Customer Refund	7.06	7.06	100-000-0000-2000	Refund Check
13208	07/24/2019	Yale/Chase Equipment	953.00	953.00	100-130-0000-5406	T. P. Emergency Generator Fuel Sample.
13209	07/24/2019	Customer Refund	70.46	70.46	100-000-0000-2000	Refund Check
			<b>Total</b>	<b>\$242,022.18</b>		

**5**

# 5.1

**TWENTYNINE PALMS WATER DISTRICT**  
**72401 Hatch Road/P. O. Box 1735**  
**Twentynine Palms, CA 92277-1000**  
**PHONE (760) 367-7546 FAX (760) 367-6612**

**TO: Board of Directors**

**FROM: Matt Shragge, Maintenance Superintendent**

**DATE: August 13, 2019**

**SUBJECT: Management Report**

---

**A. The Operations and Maintenance Department performed the following tasks during the month of July 2019:**

1. Responded to 58 Underground Service Alerts
2. Responded to and repaired
  - a. 0 water main leaks
  - b. 5 water meter leaks
  - c. 2 service line leaks
  - d. 0 fire hydrant repairs/maintenance
3. Installed 1 new service
4. Replaced 10 customer gate valves
5. Performed 1 leak audit
6. Painted 83 fire hydrants
7. Performed 3 customer pressure checks
8. Replaced 13 water meters
9. Tested and exercised emergency generators
10. Sounded wells for July
11. 0 water waste inquiries were reported

**B. The following customer service tasks were performed:**

1. 224 work orders were generated from reading meters
2. 55 work orders were generated from billing variance list
3. 434 work orders were generated for turn on or turn off
4. 468 termination notices were distributed
5. 63 non-pay turn offs were performed
6. 101 extensions were granted
7. 15 extensions were shut off for non-payment
8. 3 payment schedules have been granted
9. 0 payment schedules failed, total outstanding \$0
10. 9 customer requests and 3 inquiries were logged and investigated

**C. Valve and Hydrant Maintenance Update**

	Valves Exercised (Began 07/19)	Dead Ends Flushed (Began 7/18)
Current Month	83	8
Year to Date	* 83	8

\*Triennial cycle

**Twentynine Palms Water District  
Maintenance Report  
FY 2019/2020**

	USA	Leak Audits	Fire Hydrant Painting	Shut Offs	Total Work Orders Completed	Valves Exercised	AMR/AMI Meter Exchange	New Service	Active Account	Prior Year	% Increase (Decrease)	Main Line Leaks
July	58	1	43	78	713	83	548	1				0
August										7,776		
Sept.												
October									N/A	N/A		
Nov.												
Dec.										7,680		
Jan.												
Feb.									N/A	N/A		
March												
April										7,739		
May												
June												
<b>Totals</b>	<b>58</b>	<b>1</b>	<b>43</b>	<b>78</b>	<b>713</b>	<b>83</b>	<b>548</b>	<b>1</b>				<b>0</b>

**Total Connections in District = 8,116**

# 5.2

**TWENTYNINE PALMS WATER DISTRICT**  
**72401 Hatch Road/P. O. Box 1735**  
**Twentynine Palms, CA 92277-1000**  
**PHONE (760) 367-7546 FAX (760) 367-6612**

**TO:** Board of Directors  
**FROM:** Mike Minatrea, Treatment/Production Superintendent  
**DATE:** August 13, 2019  
**SUBJECT:** Management Report

---

1. **ENGINEERING**

A. No items to report.

2. **WATER QUALITY**

A. **Chlorine Levels:** Average levels maintained in the storage and distribution system ranged from a low of 0.03 mg/L to a high of 0.32 mg/L. Chlorination point (the point where chlorine is introduced into the distribution system) averages ranged from 0.10 mg/L to 0.68 mg/L.

B. **Bacteria Samples:** A total of 47 routine bacteria samples were collected at test points for the storage and distribution system during this past month. In addition 6 special bacteria samples were collected. All routine and special samples indicated ABSENT for Colilert.

C. **Fluoride Samples:** A total of 15 fluoride samples were collected at established test points for the storage and distribution system, and 6 fluoride samples were taken from potable water production wells. Fluoride levels in the distribution system ranged from a low of .73 mg/L to a high of 1.8 mg/L. Fluoride measurements collected at the wells ranged from a low of 0.33 to a high of 1.7 mg/L.

\*Current fluoride variance of 3.0 mg/L expires in 2023.

D. **General Physical:** A total of 14 general physical samples were collected from established locations as a part of routine testing requirements. Levels reported for color are <3.0, 1 for threshold odor and <0.1 – 0.3 for turbidity.



**TWENTYNINE PALMS WATER DISTRICT**  
**Water Production Report**  
**FY 2019/2020**

Groundwater Source										
	Mesquite Springs Basin	Fortynine Palms Basin	Eastern Basin	Indian Cove Basin	Total Produced	Total Prior Yr	%Increase Decrease prior year	%Increase Decrease from 2013		
July	133.027	84.554	27.996	14.200	259.777	274.305	-5.30%	-16.18%		
August					0.000					
Sept.					0.000					
October					0.000					
Nov.					0.000					
Dec.					0.000					
Jan.					0.000					
Feb.					0.000					
March					0.000					
April					0.000					
May					0.000					
June					0.000					
<b>Totals</b>	<b>133.027</b>	<b>84.554</b>	<b>27.996</b>	<b>14.200</b>	<b>259.777</b>	<b>274.305</b>	<b>-5.30%</b>			

Production Totals Expressed in Acre Feet

**NOTE:** Year to Date Mesquite Springs Basin regeneration production of

**1.512**

acre feet =

**1.12%**

**5.3**

**NO  
MATERIAL  
PROVIDED**

**5.4**

**NO  
MATERIAL  
PROVIDED**