



**WATER RESOURCES & OPERATIONS COMMITTEE MEETING
WEDNESDAY, AUGUST 10, 2022, AT 10:30 AM
61750 CHOLLITA ROAD, JOSHUA TREE, CA 92252**

The public may attend this meeting in person at 61750 Chollita Road, Joshua Tree, CA 92252
or on online by clicking the zoom link below.

<https://us02web.zoom.us/j/83503877356?pwd=RHQybUp2TnZWSHBnV1dpTktoeWxiUT09>

You may also join by phone at 1-253-215-8782, Meeting ID: 835 0387 7356 Passcode: 054828

AGENDA

1. CALL TO ORDER -
2. PLEDGE OF ALLEGIANCE -
3. DETERMINATION OF QUORUM -
4. APPROVAL OF AGENDA -
5. PUBLIC COMMENT -
6. ITEMS FOR APPROVAL -

- Draft Minutes July 13, 2022

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7. OPERATIONS UPDATES – Jeremiah Nazario, Distribution Supervisor & Steve Corbin, Production Supervisor
8. ADJOURNMENT -

JOSHUA BASIN WATER DISTRICT
Minutes of the
WATER RESOURCES AND OPERATIONS COMMITTEE MEETING
Wednesday, July 13, 2022

CALL TO ORDER – Vice President Doolittle called the meeting to order at 10:30 a.m.

PLEDGE OF ALLEGIANCE – Vice President Doolittle led the pledge.

DETERMINATION OF A QUORUM – Vice President Doolittle and Director Jarlsberg

STAFF PRESENT – Sarah Johnson, General Manager, Steve Corbin, Water Production Supervisor, Jeremiah Nazario, Distribution Supervisor, and Brandon Warner, CIRP Supervisor

GUESTS -0

APPROVAL OF AGENDA – MSC¹ (Jarlsberg/Doolittle 2/0) approved the Agenda for July 13, 2022.

PUBLIC COMMENT - None

APPROVE MINUTES OF THE PRIOR COMMITTEE MEETING –

MSC¹ (Jarlsberg/Doolittle) approved the June 8, minutes.

OPERATIONS UPDATE – Steve Corbin, Production Supervisor clarified questions regarding the pipeline break on Center Drive. Pumps are being turned on at night at the same time and it does not cause water hammering. Water hammering is when the water rushes in and enters the pipe at a high force.

Jeremiah Nazario, Distribution Supervisor reported the following:

Our Field Service Technicians and Distribution department completed the following:

Combined Service Orders Completed	314
Dig Alerts (USA's)	118
Fire Flows	27
Hydrant Maintenance	27
Meter Upgrades	6
Mainline Leaks	2
Water Loss for June	4,930,522 Gallons
New Services Installed	7
Service Line Leaks	35
Water Loss for June	378,305 Gallons
Valve Maintenance	53

ADJOURNMENT – Meeting was adjourned at 11:01 a.m.

Respectfully Submitted,

Sarah Johnson
General Manager

**JOSHUA BASIN WATER DISTRICT
MEETING AGENDA ITEM STAFF REPORT**

Water Resources & Operations Committee

DATE: August 10, 2022

REPORT TO: Committee Members
PREPARED BY: Jeremiah Nazario, Distribution Supervisor
TOPIC: **OPERATIONS UPDATE FOR JULY 2022**
RECOMMENDATION: Receive for information only.

ANALYSIS: DISTRIBUTION

- 241 Service orders
- 120 Dig Alerts (USA's)
 - 8 Fire Flows
- 25 Meters Replaced
- 28 Valves and Hydrants were maintained
 - 3 New Services were installed
 - 2 Mainline leaks
 - Water Loss of 96,455 Gallons
- 34 Service Line leaks
 - Water Loss of 114,952 Gallons

CIRP

Tilford pipeline is 100% completed with a total of 29,585' of 8" C909 PVC pipe replaced. 89 services installed with a total of 1900' of 1" copper. 4 -2" air vacs installed to help with air release and surge protection. 32 new fire hydrants were installed with new 6" C909 PVC connections, this means this area is now compliant with the fire protection code for San Bernardino County. 82 new valves have been installed to better isolate any possible issues in the future to limit customer outages. The old main has been severed and the new main connected to the surrounding area. All old jones heads and District infrastructure has been removed. All roads have been finished grading.

As stated in the newsletter the district lost 5.9M gallons in this area from failing infrastructures like main leaks, and countless hours. That is now in the past and the district is moving in the right direction to improve not only the quality of water but save our precious resource.

The new excavator arrived last Thursday, and we hope to have the new Pettibone early next week. CIRP has begun Surveying Tilford 2 in-house, to save money. We are still waiting on Material to begin that job. In the meantime, CIRP will push Meter replacement and begin grading the D1-1 booster project.

PRODUCTION

Steve and Jeremiah took a field trip to the City of Los Banos to watch a test pilot revolved around Chromium 6. Aqua Metrology Systems invited us to have a comprehensive look at their Safeguard H2O Pilot. The district has kept a close eye on the State's regulations revolving around Chromium 6 doing our homework and gathering information so we can not only be proactive but have a comprehensive plan in place for if and when these regulations will be changed. All five of our production wells would ultimately be affected if the regulation changes.

Well 14 has been providing the brunt of our water production now running without problems. This allows for our other two big producing wells to have a break so to speak while 14 handles the water demand. Ultimately this is a cost saving to the district by only having one well run for the majority of the time rather than all three.

STRATEGIC PLAN ITEM:

FISCAL IMPACT: None

Service Orders - Completed



From : 07/01/2022 00:00:00 To: 08/03/2022 23:59:00

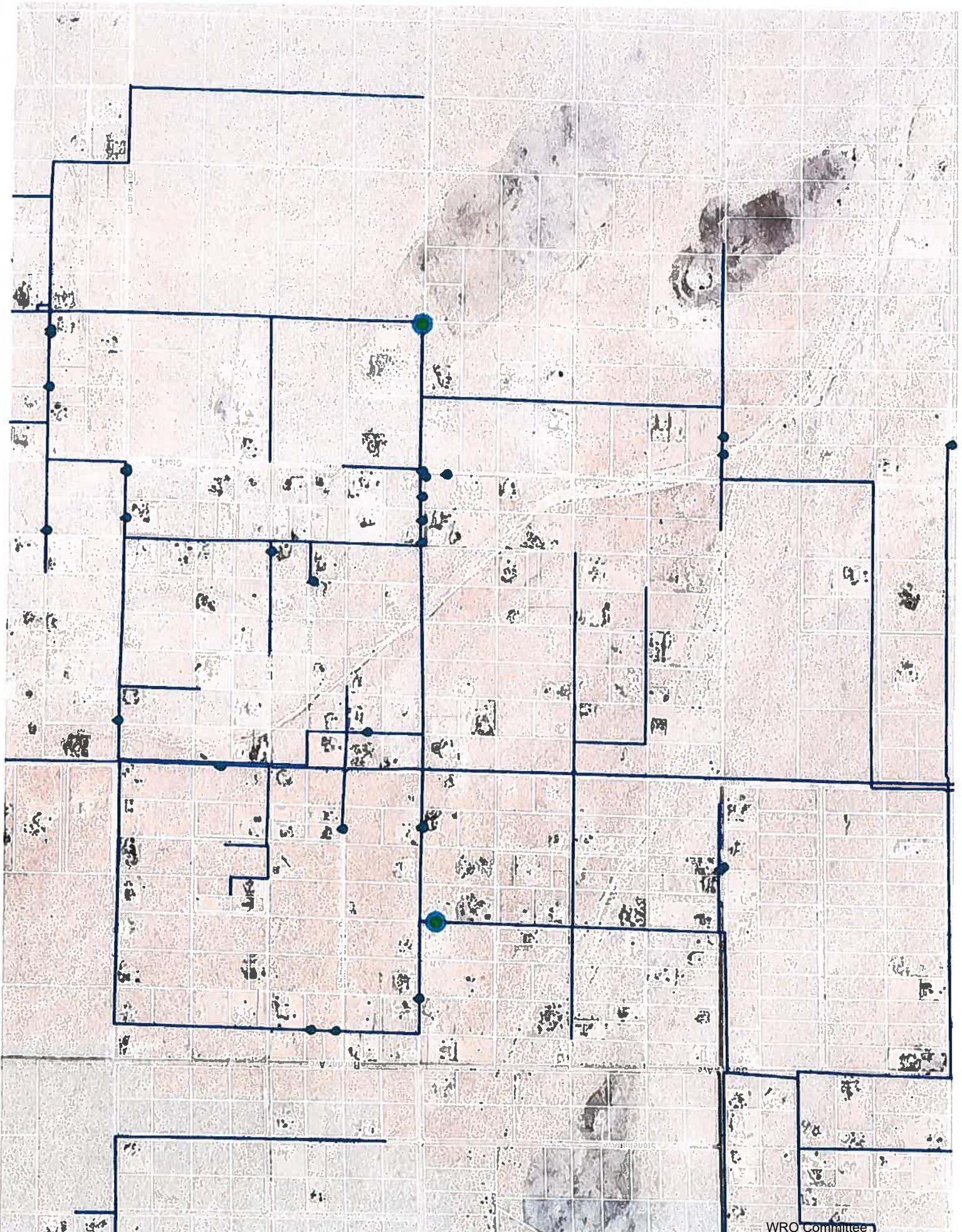
Total - 241

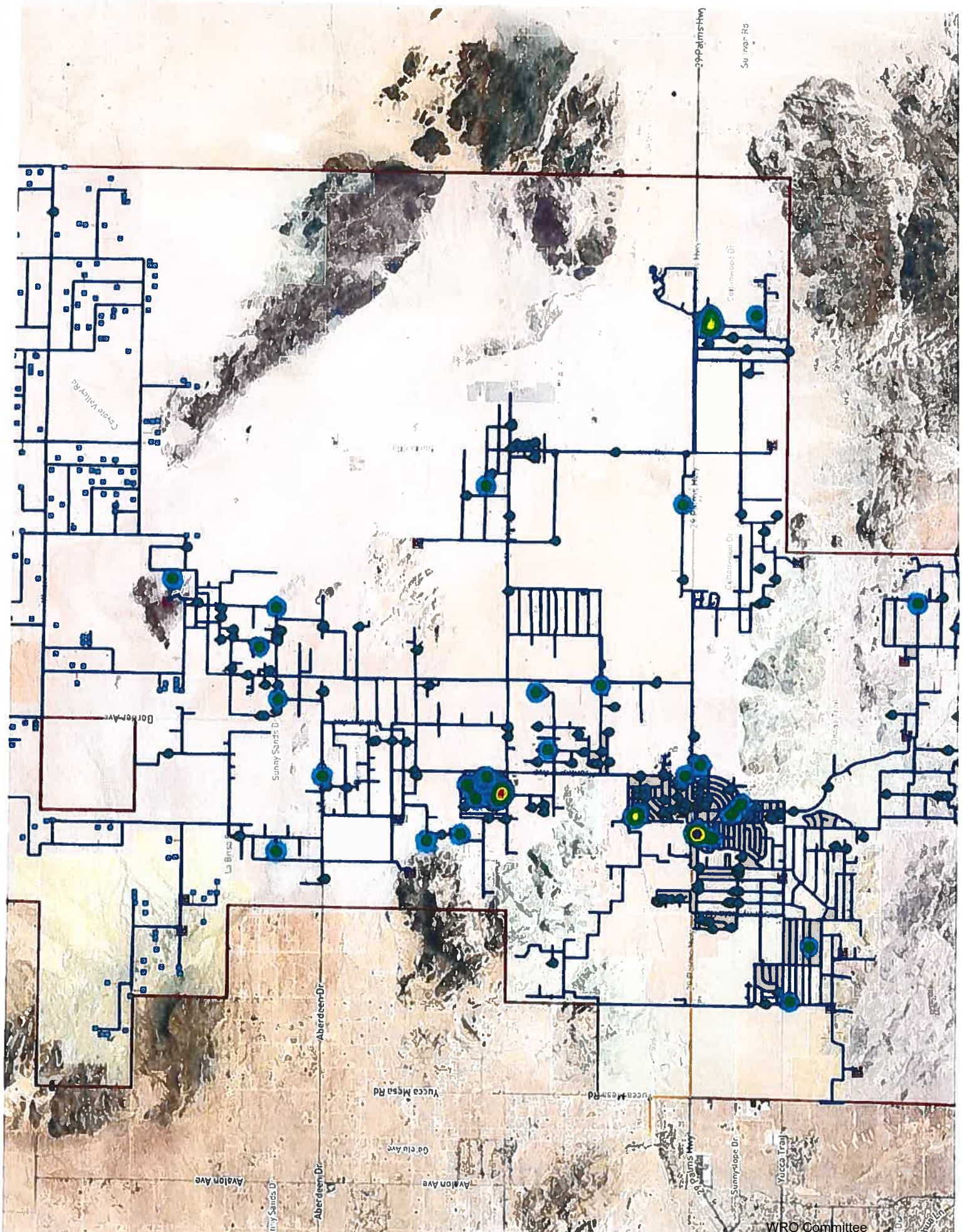
Materials	Count	Unit Cost	Total Unit Cost
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Employee	Hours	Cost
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Summary of Service Order Type - 241

Service Order Type	Count
REVERT TO LANDLORD (LOCK)	21
READ AND LEAVE ON	33
LOCK W/BASIC FEE (DISCONNECT)	14
101 - LOCK W/BASIC FEE (CONNECTION)	11
OTHER (DESCRIBE)	30
PLEASE HANG TEMP METER	3
FIRE FLOW TEST	8
QUALITY/PRESSURE	4
100 - LOCK W/BASIC FEE (SERVICE ACTION)	11
106 - UNLOCK FROM BASIC FEE (OCCUPANT CHANGE)	12
120 - UNLOCK FROM BASIC FEE ONLY (SERVICE ACCTION)	12
EXISTING WATER SERVICE	4
REVERT TO LANDLORD (UNLOCKED)	5
CHANGE OUT MTR / MULTIPLE COMPONENTS	8
TO CAPTURE IDLE USE	6
TO TURN OFF IDLE BILLING	5
DROP-IN METER TO EXISTING SERVICE	1
HIGHER THAN NORMAL BILL	14
RE-READ METER	9
VERIFY LOCKED SERVICE	5
UPGRADE METER	1
CORRECT BILLING SETTINGS	1
INACTIVATE	1
PLEASE PULL TEMP METER	1
PULL/REPLACE/TEST METER	20
DAMAGE TO MTR/MISC	1





**JOSHUA BASIN WATER DISTRICT
MEETING AGENDA ITEM STAFF REPORT**

Water Resources & Operations Committee

DATE: August 10, 2022

REPORT TO: Committee Members
PREPARED BY: Steve Corbin, Production Supervisor
TOPIC: **PRODUCTION UPDATE FOR JULY 2022**
RECOMMENDATION: Receive for information only.

ANALYSIS: PRODUCTION

Well 14

- Continued Fine Tuning
- Automatic Gate
- Well Head Shade Structure
- Bulk Salt Connex Box
- Final Camera and Security
- Completion of Well 14 Chlorine Generator
- Cross training Opportunity

General

WPI Coming up to speed allowing time for Continuous Improvement as follows:

- 3 weak valve replacements
- Training time for WQ1 position
- Real time pressure monitoring of all Wells
- Motion LED Lighting
- Swamp to A/C conversions upon failure
- C117 to Microchem Analyzers conversions upon failure
- Monitoring Edison Cost per Kwh reduction

STRATEGIC PLAN ITEM:

FISCAL IMPACT: None