

BLACK CANYON CITY WATER
Aug 20,2025 to Sept 20,2025

Presented to the BOARD at September 23, 2025, Public Board Meeting

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ITEM #1	WORK ORDERS
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Recap of work orders: 33	Total: 33 completed
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- 0- Turn On
- 2- Turn Off
- 0- New Meters/Service Installed/Removed
- 13- Meter/Valve/Box repair/replacement
- 4- Main Line or Service Line Break/Leak, Repair
- 5- Well/Booster Pump/System Repair & Site Maintenance
- 3- Meter Re-reads/Final read only
- 1- Water Pressure/Conditions
- 5- Customer Service/Other

Detail of work orders:

Turn On (0)

Turn off (2)

34590 S Golden ln	Off (Customer)	AC#583	WO#199
19170 E Saguaro	Remove meter	AC#560	WO#201

New Meters/Service Installed (0)

Meter/Valve/Box Repair/Replacement (13)

34323 S Bertha St	Replace meter
34620 S Bertha	Replace meter
Behind fence (no Address)	Replace meter
Behind fence (no Address)	Replace meter
Behind fence (no Address)	Replace meter
34150 Reynolds	Replace meter
34100 Luellen	Replace meter
34050 Luellen	Replace meter
19400 Gregory	Replace meter
34725 k-Field	Replace meter
19201 Squaw Peak	Replace meter
32151 Maggie Mind	Leak at distict valve/new meter
34591 S David	Replace meter

Main or Service Break/Leak, Repair (12)

35221 E Kings Way	Leak at meter
19401 Indian Hills	Leak at meter
32515 Maggie Mind	Leak at meter
19245 Indian Hills	Leak at meter

Well/Booster Pump/System Repair & Site Maintenance (5)

Oasis Well site	Leaks at CL2 tubing
GOA Well Site	Leaks on CL2 tubing
GOA Well Site	Leaks on CL2 tubing
GOA Well Site	Leaks on CL2 tubing
GOA Well Site	Install locks conex box

Meter Re-reads/Final Total (3)

Re-read:

18820 King Way	Re-read (ok)	AC#200	WO#203
34815 S Sunsine	Re-read (Fixed)	AC#330	WO#204

19940 Spencer

Re-read (Fixed)

AC#333

WO#208

Final reads: (0)

Water Pressure/Condition(s) (1)

19305 E Wyatt Way

Low Pressure

AC#714

Customer Service/Other (5)

19375 E Oasis Dr Weed removal at meter box

20390 E Wagon wheel weed removal at meter box

188975 Black Steet water leak invest (customer)

33970 Mud Springs water leak Invest (customer) AC#3019

18760 Wanda Dr Shut off customer Repair AC#199

WO#209

Blue Stakes: 38

Pink slips: Shut off

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ITEM #2

Water Samples

Total Coliform Monthly - Two Samples

Date Sampled	Sample Site	Results	EPA Limits
9/17/2025	RTCR 005	Absent	Absent
	RTCR 006	Absent	
08/04/2025	RTCR 003	Absent	Absent
	RTCR 003	Absent	Absent
07/15/2025	RTCR 001	Absent	Absent
	RTCR 002	Absent	

Arsenic Quarterly Samples

Date sampled	Big John	Oasis	GOA	EPA Limits
8/4/2025	9.9 ug/l Average 8.6	7.2 ug/l	3.2 ug/l	
4/8/2025	9.2 ug/l	4.7 ug/l	2.1 ug/l	10.0
2/18/2025	8.4 ug/l	6.8 ug/l	1.4 ug/l	
10/14/2024	7.0 ug/l	6.3 ug/l	10 ug/l Ave 3.7ug/l	
9/3/2024	5.5 ug/l	5.3 ug/l	2.4 ug/l	

Nitrate Quarterly Samples

Date Sampled	Big John	EPA Limits
8/4/2025	2.16	10
6/03/2025	1.70	
3/11/2025	1.73	
11/20/2024	1.75	

Annual Samples

Date Sampled	Sample Site	Results	EPA Limits
4/26/2024	Big John	PFOA <4 PFOS <4 PFBS/PFNA <1.8	PFOA 4 PFOS 4 PFBS/PFNA 1
4/26/2024	Oasis	PFOA <4	PFOA 4

		PFOS <4 PFBS/PFNA <1.8	PFOS 4 PFBS/PFNA 1
4/26/2024	GOA	PFOA <4 PFOS <4 PFBS/PFNA <1.8	PFOA 4 PFOS 4 PFBS/PFNA 1
7/31/2025	Cholla	TTHM 0.0192 HAA5 0.0034	0.080 mg/l 0.060 mg/l
7/31/2025	Happy Jack	TTHM 0.0201 HAA5 0.0017	0.080 mg/l 0.060 mg/l
9/24/2024	10 Site Lead and Copper <i>Annual Sampling</i>	<i>Highest</i> Copper 0.18 Lead 0.005	1.3 mg/l 0.015 mg/l

ITEM #3

WELL STATS

Date	Big John #1 WL DRW		Oasis 1 WL DRW		Oasis 2 WL DRW		GOA 2 WL DRW		GOA 3 WL DWR	
Sept 15	37'2"	47'1'	37'4"	47'1"	Recovery Issues	Off Line	Recovery Issues	Off Line	34'5"	67'9"
Sept 4	36'3"	43'5"	37'6"	49'6"	Recovery Issues	Off Line	Recovery Issues	Off Line	34'3"	64'5"
Aug 19	36'3"	44'4"	37'8"	54'4"	Recovery Issues	Off Line	Recovery Issues	Off Line	34'6"	80'5"
Aug 7	35'11'	43'1"	37'1"	40'1"	Recovery Issues	Off Line	Recovery Issues	Off Line	37'1"	40'1"
July 16	33'5"	38'1"	35'7"	36'1"	Recovery Issues	Off line		42'11"	33'8"	38'4"
July 9	32'7"	37'7"	ND	36'2	Recovery Issue	Off line	39.0	54"	39'1"	
July 1	33'1"	38'1"	ND	36'3"	Recovery Issue	Off line	32'9"		33'4"	
June 25	32'6"	37'1"	34'	36'4"	34'6"	51'1"	33'	52'	32	107"
June 10	31'8"	36'2"	34'1"	35'3"	34'7"	51'1"	30'9"	40'1"	31'6"	32'3"
May 28	31'8"	36'6"	34'7"	34'10"	34'7"		31'7"	51'10"	31'10"	34'1"
May 1	30"		33'11	34'2"	33'9"		30'11"	39'1"	31'5"	32'1"
April 17	30'2'	35'6"	35'4"	35'7"			29'9"	35'7"	30'5"	30'8"
April 1	29'3'	32'4'					29'9'	34'6"	30'4"	30'7"
March 23	28'10"	31'8"					29'4"	34'2"	30'	30'3"
March 4	26'7"	31'2"	33'2'	33'6"	35'8		28'10"	32'11'	29'6	29'8"
Feb 13	27'10"	30'4	32'5"	33'9"	32'10	81'4"	28'4"	32'8"	29'2	29'4"
Feb 7	27'8"	30'1"	32'4"		32'8"	71'4"	28'2"	32'2"	29'	29'2"
Jan 22	26'10'	29'2"	32'2"	52'4"	52'4"	79"	27'3"	29'9"	27'10"	28'2"

Stage 4 Water Conservation Level

July water usage 4,813,000

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ITEM #4

Projects

System Mapping – worked with RCAC to GPS all the district infrustrure in the field.

Big John well #3 – KP Venutes conitues to scrub/swab the casing to remove the fines In an attempt to increase water flow into the well.

Water Service Meter replacement- working to replace water meter that are beyond their life expency or possibly inaccurate.

Facility Components Report – Assisted Lisa, RCAC with Facility Components Report. A final report is available. A breif 10 year capital improvement plan was stated and the Arsenic Treament System was a priority.

Summary of finding: The system is inefficient and labor-intensive due to aging and deteriorating components. Automated systems that once worked well are now ineffective, requiring manual procedures to maintain compliance with water quality standards. The lack of basic spare parts and readily available equipment exacerbates issues, especially during small component failures. Safety is a concern due to the absence of manual disconnects on electrical panels. Equipment operation is hindered by the lack of HOA switches, making tasks like turning on well pumps more complicated. Additionally, the absence of automatic transfer switches for backup generators requires operators to manually switch generators on and off during power outages, increasing response times and the risk of water outages or leaks.

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Respectfully submitted, Robert Hanus, Field Operations