

REGULAR MEETING

BOARD OF WATER AND SEWER COMMISSIONERS MUNICIPAL BUILDING, PLANNING ROOM

**101 N. HALAGUENO
THURSDAY, APRIL 18, 2024
8:30 A. M.**

A G E N D A

1. Roll Call and Determination of a quorum
2. Consider Approval of Agenda
3. Approval of Minutes of the Board of Water and Sewer Commissioners Regular Meeting held March 21, 2024
4. Utilities Department Monthly Reports presented by Ivan Abell
5. East Greene Street Project Update presented by Ivan Abell
6. Adjourn

If you require hearing interpreters, language interpreters or auxiliary aids in order to attend and participate in the above meeting, please contact the City Administrator's office at (575) 887-1191 at least 48 hours prior to the scheduled meeting time.

**MINUTES OF THE REGULAR MEETING OF
THE BOARD OF WATER AND SEWER COMMISSIONERS
MARCH 21, 2024, AT 8:30 A.M.,
IN THE PLANNING ROOM AT THE MUNICIPAL BUILDING, 101 N. HALAGUENO
STREET, CARLSBAD, NM**

VOTING MEMBERS PRESENT:	Craig Stephens Fred Beard John Bowen Dennis Miehls	Chairman Member Member Member
VOTING MEMBERS ABSENT:	Gary Perkowski	Member
EX-OFFICIO MEMBERS PRESENT:	Eddie Rodriguez Wendy Austin	Ex-Officio Interim City Administrator/Secretary
EX-OFFICIO MEMBERS ABSENT:	Richard D. Lopez	Mayor
OTHERS PRESENT:	K.C. Cass Ivan Abell Melissa Salcido Denise Madrid-Boyea Ron Myers Matt Warner Richard Aguilar Olga Ramirez	Deputy City Administrator Director of Utilities Director of Finance City Attorney Water Superintendent WWTP Superintendent Environmental Services Superintendent Assistant to City Administrator

1. Roll Call and Determination of Quorum

C. Stephens called roll and it was determined that there was a quorum of voting members.

2. Approval of Agenda

The motion was made by F. Beard and seconded by D. Miehls to Approve the Agenda. The vote was as follows: Yes: F. Beard, J. Bowen, D. Miehls, C. Stephens No: None. Absent: G. Perkowski. The Motion passed.

3. Approval of Minutes of the Board of Water and Sewer Commissioners Regular Meeting held February 15, 2024

The motion was made by D. Miehls and seconded by F. Beard to Approve the Minutes of the Regular Board of Water and Sewer Commissioners Meeting held on February 15, 2024. The vote was as follows: Yes: F. Beard, J. Bowen, D. Miehls, C. Stephens No: None. Absent: G. Perkowski. The Motion passed.

4. Consider Approval of request for Outside City Limits Water Service from Travis Hood for property located at 1907 Connie Road

I. Abell reported to the Board, Mr. Hood has been trying to get water service for his property for a few years. The last time Mr. Hood requested water service was in 2018, at that time he was told he would need to annex into the City. C. Stephens asked if the city was getting closer to resolving the issue with the meters on Connie Road. I. Abell responded, staff has done a great job sorting it out, except it's a private road, it's hard to get in there. I. Abell told the board Mr. Hood was out of town and unable to attend.

The motion was made by J. Bowen and seconded by D. Miehl to deny the request for Outside City Limits Water Service for property located at 1907 Connie Road. The vote was as follows: Yes: F. Beard, J. Bowen, D. Miehl, C. Stephens No: None. Absent: G. Perkowski. The Motion passed.

5. Utilities Department Monthly Reports presented by Ivan Abell

I. Abell reported for the month of February, they pumped about 468 acre-feet from the Sheep Draw wellfield, which is about 5 million gallons a day, which is up about 154 acre-feet from this time last year. In the Double Eagle Water System, they pumped about 43.37 acre-feet and delivered about 16.43 acre-feet to the City. Customers on the Double Eagle water system used about 1.84 million gallons. The WWTP treated about 52 million gallons of sewage and treated about 191 thousand gallons of septage. They delivered 6.01 million gallons of Effluent to the Municipal Golf Course and had about 115 acre feet of Effluent Sales.

There was about 3.33 inches of precipitation for the month of February according to the Rain Gauge in the wellfield.

C. Stephens asked how many water meters were in service. I. Abell stated there is 12,811, which is up a little from last month. C. Stephens asked if it looked like there was a slowing in growth. I. Abell stated not that he could tell.

6. Old Cavern Highway Water and Sewer Project Update presented by K.C. Cass

K.C. Cass gave a brief update on the Old Cavern Highway Water and Sewer project. He stated construction has begun on Old Cavern Highway. The road is closed all the way to Farris. Construction will take approximately six months. There was a slight change in the project, they will be adding sidewalks on the East side of Old Cavern Highway to accommodate the new subdivisions. K.C. Cass said this is Phase I of the project.

K.C. Cass stated the city is working on developing a Master Plan for water and sewer projects.

7. Financial Reports presented by Melissa Salcido

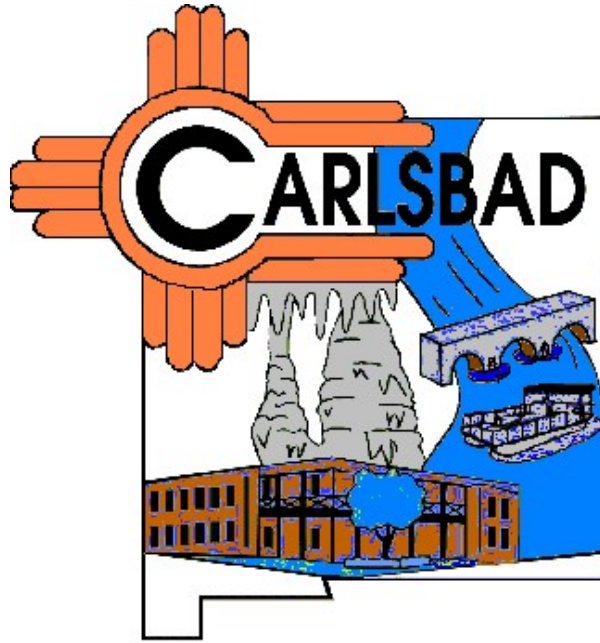
M. Salcido gave a summary of the February 2024 Financials. The Water & Sewer Fund had a beginning fund balance of \$16.2 million. Revenues budget has a balance of \$12.1 million were \$2.7 million favorable to the \$9.4 million budget. Labor costs of \$3.5 million were \$230 thousand favorable to the \$3.7 million budget. Operating costs of \$2.0 million were \$750 thousand favorable to the \$2.7 million budget. Capital Investment of \$4.8 million was \$14.7 million favorable to the \$19.5 million budget.

W. Austin wanted to clarify to the board, when you look at the end cash balance of almost \$20 million and then you look at the Capital line where there is about \$15 million outstanding, it's more like a \$4 million in the cash balance. Councilor Rodriguez stated the city has actively been working on paying off some of the loans, which is bringing in savings from not having to pay the high interest. C. Stephens asked if the city was still applying for grants. K.C. Cass said the city continues to look for grant opportunities. He stated currently there is \$41 million in grant money, the city match is \$2 million for a total of \$43 million of grant money.

8. Adjourn

The motion was made by J. Bowen and seconded by F. Beard to Adjourn. The vote was as follows: Yes: F. Beard, J. Bowen, D. Miehl, C. Stephens. No: None, Absent: G. Perkowski. The Motion passed.

Chairman



CITY OF CARLSBAD

FY 2023 - 2024

DEPARTMENT OF UTILITIES

MARCH 2024

Ivan M. Abell, Director of Utilities

ENVIRONMENTAL SERVICES REPORT

March 2024

Environmental Services:	Current Month	Previous Month	Calendar Year to Date
State and Federal Environmental Violations by City	0	0	0
Environmental Assessments (CDBG, P&Z, Drilling)	0	0	0
Environmental Compliance Inspections	1	0	1
Criminal Complaints Filed	0	0	0
Environmental Projects or Programs	0	0	0
Grease Interceptors Inspections	0	1	1

Laboratory:	Current Month	Previous Month	Calendar Year to Date
Municipal Water Sampling/Analysis:			
Wellfield Chemical Characteristic Analysis	42	47	141
Partial Wellfield Chemical Characteristics	42	35	118
Monitoring Wells Chemical Analysis	4	5	14
Total Coliform Analysis	40	40	120
Fecal Coliform Analysis	0	0	0
Chlorine Residual Tests (DE)	3	21	47
Special Chemicals (BTEX, Ammonia, Nitrite)	0	0	0

Municipal Wastewater Sampling/Analysis (Reads):	Current Month	Previous Month	Calendar Year to Date
Chemical Oxygen Demand Tests	0	0	0
Biochemical Oxygen Demand	12	12	39
Total Suspended Solids Tests	12	12	39
Volatile Alkalinity Tests	0	0	0
E-Coli on Effluent	12	12	39
Metals/TCLP/PCB/M2 Sampling on Sludge	0	0	0
Fecal Coliform Analysis on Sludge (Compost)	1	0	1
Effluent Chemical Characteristic Analysis	1	1	3

DMR Bench Sheet:	Current Month	Previous Month	Calendar Year to Date
Influent BOD Avg. (Lbs.)	7,865	6,686	21,500
Effluent BOD Avg. (Lbs.)	20.41	43	97
BOD Removal (%)	99.74	99	299
Influent TSS Avg. (Lbs.)	8,811	6,566	24,996
Effluent TSS Avg. (Lbs.)	29.31	58	144
TSS Removal (%)	99.67	99	298


ENVIRONMENTAL SERVICES REPORT

March 2024

Private Well Analysis:	Current Month	Previous Month	Calendar Year to Date
Total Coliform Analysis	42	37	120
Total Coliform Analysis (Construction)	1	0	3
Number of Positives for Confirmation	1	0	1
Chemical Characteristics Analysis	1	0	1
Environment Department Mediated Tests	0	0	0
Lake Carlsbad E-Coli Analysis Performed	0	0	0
Lake Carlsbad Beach Closures Due to Bacterial Count	0	0	0

Golf Course (Reclaimed) Water Analysis (NMED Groundwater Discharge Permit):	Current Month	Previous Month	Calendar Year to Date
Nitrate	4	5	13
Total Kjeldahl Nitrogen	0	0	0
Total Dissolved Solids	1	1	3
E-Coli Analysis	12	12	39
Chemical Characteristics	1	1	3
Other NMED-Required Testing (Chlorides, etc.)	1	1	3

Remarks:



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 ou=Env Services Lab,
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Richard Aguilar,
Environmental Svcs. Superintendent

Carlsbad Municipal Water System Report

Mar-24

Acre Ft.

Production Figures:

This Month **Previous Month** **Year to Date**

Pumped from Sheep's Draw (Ac. Ft.)	651.21	468.06	1555.83
Water Imported from Double Eagle (Ac. Ft.)	18.20	16.43	49.22
Water delivered to Livestock (Ac. Ft.)	0.14	0.18	0.37
Water Sold to Apartments (Ac. Ft.)	11.74	9.71	31.99
Water Sold to Commercial Accounts (Ac. Ft.)	120.98	105.71	328.33
Water Sold to Government Accounts (Ac. Ft.)	22.35	14.51	50.83
Water Sold to Industrial Accounts (Ac.Ft.)	0.05	0.05	0.15
Water Sold to Residential Accounts (Ac.Ft.)	307.01	239.29	794.31
Record Only Accounts (Ac.Ft.)	0.78	0.64	1.86
Water Sold to Semi-Commercial Accounts (Ac.Ft.)	12.36	9.11	31.23
Safe Drinking Water Act Violations	0	0	0.00

Wells:

Number in Operation (Sheep's Draw) **	9/9	9/9	
KWH Consumed	524,560	393,360	1,274,800
Capitan Aquifer Level (Ft. from Surface @ #6)	390	390	
Number of New Water Services Installed	15	12	39


Meters:

Total in Service	12,826	12,811	
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Fire Hydrants:

In Service	879	879	
Out of Service	0	0	
Repaired	0	0	0

Remarks:



Digitally signed by Ron Myers
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Ron Myers, Superintendent

**CARLSBAD WATER SYSTEM WELL OPERATION
Mar-24**

WELL	POWER CONSUMPTION X 400			WATER PRODUCTION X 1000				ENGINE HOUR CLOCK			WATER LEVELS			
	CURRENT MONTH	LAST MONTH	KWH CONSUMED	CURRENT MONTH	LAST MONTH	GALLONS PUMPED	ACRE FEET	CURRENT MONTH	LAST MONTH	HOURS RUN	GPM	STATIC	PUMPED per Hour Meter (gal)	gal/kwh
1	6274	6271	1,200	76,026	75,642	384,000	1.18	780.3	776.2	4.1	1,750		430,500	525
2	2406	2404	800	37,525	37,423	102,000	0.31	12526.8	12524.8	2.0	1,200		144,000	420
3	6692	6680	4,800	617,222	615,487	1,735,000	5.32	39575	39556.2	18.8	1,600		1,804,800	375
4	24120	23850	108,000	965,960	923,550	42,410,000	130.15	55510.38	55110	400.4	1,750		42,039,900	257
5	23155	22823	132,800	1,750,293	1,692,976	57,317,000	175.90	66894.08	66438.4	455.7	1,200		32,808,960	348
6	41209	41158	8,160	1,214,813	1,213,680	1,133,000	3.48	13.55	1.175	3.4	2,800		571,200	421
7	39439	39161	111,200	1,069,935	1,022,944	46,991,000	144.21	9794	9384	410.0	1,950		47,970,000	424
8	36765	36421	137,600	807,971	752,325	55,646,000	170.77	17845.4	17178	667.4	1,350		54,059,400	389
9	14205	14155	20,000	803,772	797,292	6,480,000	19.89	75.76	529.3	29.5	1,600		2,832,000	324
10														
TOTAL KWH CONSUMED			524,560	TOTAL PUMPED		212,198,000	651.21	TOTAL HOURS RUN		1,991.3	OIL		TOTAL CHLORINE USED	
											20.5		1,275	
Reservoir No. 4 Meter				Total Gallons Pumped Comparison				Total Rainfall			Notes			
Inlet This Month X 1000		6,281,780		THIS MONTH		212,198,000	651.21	0.11			Wells #4 and #5 on State Trust Land			
				LAST YEAR, SAME MONTH		158,028,000	484.97							
Inlet Last Month X 1000		6,073,119		DIFFERENCE		54,170,000	166.24							
Total Inlet		208,661,000		* corrected										

**MUNICIPAL WATER SYSTEM
WATER RIGHTS PUMPED (C-76)
ACRE FEET**

(9867 Acre Ft. Available Per Year)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
2002	297.16	268.70	440.91	704.96	958.06	1,066.88	1,341.56	1,074.79	774.52	485.05	280.99	155.99	7849.57
2003	270.84	203.99	505.94	1,064.03	1,206.94	1,122.78	1,343.98	1,076.39	775.41	685.53	305.27	409.57	8970.67
2004	385.42	439.36	489.06	680.19	948.71	1,063.84	1,068.05	798.52	772.40	451.14	364.15	414.64	7875.48
2005	332.30	318.24	425.71	655.91	878.61	1,123.12	1,338.81	773.36	830.12	609.54	478.07	445.90	8209.69
2006	395.24	416.50	606.61	799.07	1,145.49	1,165.26	1,141.96	699.68	536.40	574.84	453.79	372.30	8307.14
2007	386.96	350.66	480.44	665.57	629.51	1,062.65	841.31	964.52	740.42	672.37	485.02	446.90	7726.33
2008	452.24	668.55	705.92	934.92	1,060.06	1,454.74	1,040.96	900.29	768.43	684.45	505.09	456.16	9631.81
2009	458.70	519.36	694.55	871.85	1,095.02	1,202.19	951.06	980.82	809.14	666.16	529.67	420.61	9199.13
2010	422.56	352.26	539.69	327.39	1,150.19	1,219.15	848.31	1,057.28	738.68	677.68	503.09	461.84	8298.12
2011	474.73	536.44	800.88	973.90	1,238.89	1,355.98	1,423.54	1,226.62	886.11	776.71	540.43	454.95	10689.18
2012	466.85	431.44	701.69	810.10	828.11	1,185.27	901.47	1,013.28	806.85	652.17	480.34	461.15	8738.72
2013	423.91	412.36	633.53	822.91	947.12	1,047.09	800.86	925.05	727.29	611.46	451.84	377.93	8,181.35
2014	388.31	383.82	557.69	701.51	872.84	1,031.98	1,122.07	893.82	552.90	541.69	414.16	391.00	7,851.79
2015	428.54	369.38	490.96	711.13	732.60	903.17	919.01	994.43	789.98	522.56	432.59	418.96	7,713.31
2016	408.24	364.58	449.03	573.56	672.93	921.77	1,157.49	791.59	541.42	587.72	443.39	442.94	7,354.66
2017	394.41	415.24	615.73	768.14	921.14	883.20	1,007.00	726.66	715.10	536.59	482.95	484.39	7,950.55
2018	484.78	402.92	640.20	750.65	991.56	1,023.15	954.69	853.04	684.90	530.89	386.73	404.76	8,108.27
2019	392.03	408.30	501.88	712.74	920.31	919.36	931.82	860.57	880.60	570.04	425.02	400.18	7,922.85
2020	424.96	402.62	508.41	896.76	983.81	1,161.49	1,242.85	1,055.78	1,045.26	625.06	411.27	463.48	9,221.75
2021	368.52	418.64	712.43	726.13	809.60	837.98	793.40	764.24	715.36	652.05	455.84	403.35	7,657.54
2022	336.78	376.58	515.94	882.91	973.98	975.97	1,147.87	848.51	773.62	493.31	404.67	435.85	8,165.99
2023	330.74	313.20	484.97	823.91	916.36	1,079.94	1,232.41	1,223.34	819.91	621.07	486.28	470.52	8,802.65
2024	436.56	468.06	651.21										1,555.83

Sheep Draw Water Pumped - Acre Feet 9867 Acre Feet Available Per Year

Difference

	January	February	March	April	May	June	July	August	September	October	November	December	Total	
1999	259.97	275.11	485.12	694.64	798.54	839.80	903.86	1,102.11	751.40	534.43	395.59	253.70	7,294.27	9867
Total		535.08	1,020.20	1,714.84	2,513.38	3,353.18	4,257.04	5,359.15	6,110.55	6,644.98	7,040.57	7,294.27		2,572.73
2000	303.85	377.05	592.71	710.82	1,063.12	1,168.66	1,072.41	1,134.64	886.90	487.13	260.33	278.46	8,336.08	1,530.92
Total		680.90	1,273.61	1,984.43	3,047.55	4,216.21	5,288.62	6,423.26	7,310.16	7,797.29	8,057.62	8,336.08		
2001	379.10	340.60	389.50	714.80	1,129.68	1,083.53	1,341.71	1,074.96	612.54	662.35	356.80	276.27	8,361.84	1,505.16
Total		719.70	1,109.20	1,824.00	2,953.68	4,037.21	5,378.92	6,453.88	7,066.42	7,728.77	8,085.57	8,361.84		
2002	297.16	268.70	440.91	704.96	958.06	1,066.88	1,341.56	1,074.79	774.52	485.05	280.99	155.99	7,849.57	2,017.43
Total		565.86	1,006.77	1,711.73	2,669.79	3,736.67	5,078.23	6,153.02	6,927.54	7,412.59	7,693.58	7,849.57		
2003	270.84	203.99	505.94	1,064.03	1,206.94	1,122.78	1,343.98	1,076.39	775.41	685.53	305.27	409.57	8,970.67	896.33
Total		474.83	980.77	2,044.80	3,251.74	4,374.52	5,718.50	6,794.89	7,570.30	8,255.83	8,561.10	8,970.67		
2004	385.42	439.36	489.06	680.19	948.71	1,063.84	1,068.05	798.52	772.40	451.14	364.15	414.64	7,875.48	1,991.52
Total		824.78	1,313.84	1,994.03	2,942.74	4,006.58	5,074.63	5,873.15	6,645.55	7,096.69	7,460.84	7,875.48		
2005	332.30	318.24	425.71	655.91	878.61	1,123.12	1,338.81	773.36	830.12	609.54	478.07	445.90	8,209.69	1,657.31
Total		650.54	1,076.25	1,732.16	2,610.77	3,733.89	5,072.70	5,846.06	6,676.18	7,285.72	7,763.79	8,209.69		
2006	395.24	416.50	606.61	799.07	1,145.49	1,165.26	1,141.96	699.68	536.40	574.84	453.79	372.30	8,307.14	1,559.86
Total		811.74	1,418.35	2,217.42	3,362.91	4,528.17	5,670.13	6,369.81	6,906.21	7,481.05	7,934.84	8,307.14		
2007	386.96	350.66	480.44	665.57	629.51	1,062.65	841.31	964.52	740.42	672.37	485.02	446.90	7,726.33	2,140.67
Total		737.62	1,218.06	1,883.63	2,513.14	3,575.79	4,417.10	5,381.62	6,122.04	6,794.41	7,279.43	7,726.33		
2008	452.24	668.55	705.91	934.92	1,060.06	1,454.74	1,040.96	900.29	768.43	684.45	505.09	456.16	9,631.80	235.20
Total		1,120.79	1,826.70	2,761.62	3,821.68	5,276.42	6,317.38	7,217.67	7,986.10	8,670.55	9,175.64	9,631.80		
2009	458.70	519.36	694.55	871.85	1,095.02	1,202.19	951.06	980.82	809.14	666.16	529.67	420.61	9,199.13	667.87
Total		978.06	1,672.61	2,544.46	3,639.48	4,841.67	5,792.73	6,773.55	7,582.69	8,248.85	8,778.52	9,199.13		

Sheep Draw Water Pumped - Acre Feet 9867 Acre Feet Available Per Year

Difference

	January	February	March	April	May	June	July	August	September	October	November	December	Total	
2011	474.73	536.44	800.88	973.90	1,238.89	1,355.98	1,423.54	1,226.62	886.11	776.71	540.43	454.95	10,689.18	9,867.00
Total		1,011.17	1,812.05	2,785.95	4,024.84	5,380.82	6,804.36	8,030.98	8,917.09	9,693.80	10,234.23	10,689.18		-822.18
2012	466.85	431.44	701.69	810.10	828.11	1,185.27	901.47	1,013.28	806.85	652.17	480.34	461.15	8,738.72	1,128.28
Total		898.29	1,599.98	2,410.08	3,238.19	4,423.46	5,324.93	6,338.21	7,145.06	7,797.23	8,277.57	8,738.72		
2013	423.91	412.36	633.53	822.91	947.12	1,047.09	800.86	925.05	727.29	611.46	451.84	377.93	8,181.35	1,685.65
Total		836.27	1,469.80	2,292.71	3,239.83	4,286.92	5,087.78	6,012.83	6,740.12	7,351.58	7,803.42	8,181.35		
2014	388.31	383.82	557.69	701.51	872.84	1,031.98	1,122.07	893.82	552.90	541.69	414.16	391.00	7,851.79	2,015.21
Total		772.13	1,329.82	2,031.33	2,904.17	3,936.15	5,058.22	5,952.04	6,504.94	7,046.63	7,460.79	7,851.79		
2015	482.54	369.38	490.96	711.13	732.60	903.17	919.01	994.43	789.98	522.56	432.59	418.96	7,767.31	2,099.69
Total		851.92	1,342.88	2,054.01	2,786.61	3,689.78	4,608.79	5,603.22	6,393.20	6,915.76	7,348.35	7,767.31		
2016	408.24	364.58	449.03	573.56	672.93	921.77	1,157.49	791.59	541.42	587.72	443.39	442.94	7,354.66	2,512.34
Total		772.82	1,221.85	1,795.41	2,468.34	3,390.11	4,547.60	5,339.19	5,880.61	6,468.33	6,911.72	7,354.66		
2017	394.41	415.24	615.73	768.14	921.14	883.20	1,007.00	726.66	715.10	536.59	482.95	484.39	7,950.55	1,916.45
Total		809.65	1,425.38	2,193.52	3,114.66	3,997.86	5,004.86	5,731.52	6,446.62	6,983.21	7,466.16	7,950.55		
2018	484.78	402.92	640.20	750.65	991.56	1,023.15	954.69	853.04	684.90	530.89	386.73	404.76	8,108.27	1,758.73
Total		887.70	1,527.90	2,278.55	3,270.11	4,293.26	5,247.95	6,100.99	6,785.89	7,316.78	7,703.51	8,108.27		
2019	392.03	408.30	501.88	712.74	920.31	919.37	931.82	860.57	880.60	570.04	425.02	400.18	7,922.86	1,944.14
Total		800.33	1,302.21	2,014.95	2,935.26	3,854.63	4,786.45	5,647.02	6,527.62	7,097.66	7,522.68	7,922.86		
2020	438.73	387.20	523.69	928.40	1,015.17	1,177.81	1,120.57	1,062.19	1,066.47	539.88	430.40	463.48	9,153.99	713.01
Total		825.93	1,349.62	2,278.02	3,293.19	4,471.00	5,591.57	6,653.76	7,720.23	8,260.11	8,690.51	9,153.99		
2021	368.01	418.64	712.43	726.13	809.60	837.98	793.40	764.24	715.36	652.05	455.84	403.35	7,657.03	2,209.97
Total		786.65	1,499.08	2,225.21	3,034.81	3,872.79	4,666.19	5,430.43	6,145.79	6,797.84	7,253.68	7,657.03		
2022	336.78	376.58	515.94	882.91	973.98	975.97	1,147.87	848.51	773.62	493.31	404.67	435.85	8,165.99	1,701.01
Total		713.36	1,229.30	2,112.21	3,086.19	4,062.16	5,210.03	6,058.54	6,832.16	7,325.47	7,730.14	8,165.99		
2023	330.74	313.20	484.97	823.91	916.36	1,079.94	1,232.41	1,223.34	819.91	621.07	486.28	470.52	8,802.65	1,064.35
Total		643.94	1,128.91	1,952.82	2,869.18	3,949.12	5,181.53	6,404.87	7,224.78	7,845.85	8,332.13	8,802.65		
2024	436.56	468.06	651.21										1,555.83	8,311.17
Total		904.62	1,555.83	1,555.83	1,555.83	1,555.83	1,555.83	1,555.83	1,555.83	1,555.83	1,555.83	1,555.83		

**MUNICIPAL WATER SYSTEM
WATER SOLD
ACRE FEET**

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
2002	361.07	373.67	374.24	527.03	956.91	1164.77	996.81	977.93	1153.18	607.92	431.21	301.17	8225.93
2003	391.07	304.91	404.05	598.44	999.69	1030.55	1061.59	1169.02	1046.52	731.67	559.33	342.90	8639.75
2004	418.82	310.23	337.47	479.72	685.58	983.31	984.35	814.65	763.90	475.02	413.97	302.17	6969.19
2005	368.27	275.02	299.95	503.81	693.61	840.97	1296.63	886.95	754.89	658.48	468.42	377.74	7424.74
2006	414.11	677.07	450.26	678.99	725.58	1280.61	1083.09	705.47	564.79	572.49	430.08	334.08	7916.62
2007	354.13	318.22	380.07	437.50	653.63	756.31	899.69	774.47	896.99	541.76	530.36	344.60	6887.72
2008	326.32	375.13	413.71	627.22	842.55	1025.43	943.54	855.66	605.32	559.79	494.03	0.00	7068.68
2009	439.03	352.25	614.56	2321.13	1268.55	1211.80	1099.85	927.66	1030.30	765.46	976.92	564.86	11572.39
2010	567.77	471.98	547.89	757.41	1272.59	1066.67	1081.09	913.03	1105.63	1031.30	950.35	786.38	10552.09
2011	444.27	760.40	774.56	1233.94	1338.54	1352.52	1717.55	1405.40	1347.32	924.66	874.25	677.51	12850.91
2012	565.38	642.97	581.75	926.04	848.01	1000.31	1440.24	1151.94	1237.78	866.01	865.02	670.56	10796.01
2013	616.99	671.05	645.27	975.32	1,049.04	1,249.35	944.16	951.65	1,058.15	785.76	592.98	469.93	10009.65
2014	475.55	470.88	507.96	653.04	920.21	1,041.43	1,157.15	978.54	953.20	558.14	550.55	417.07	8683.72
2015	554.03	282.77	520.21	624.18	758.14	800.23	985.58	863.21	1,068.91	639.91	478.42	448.68	8024.27
2016	456.11	302.09	482.13	615.67	708.66	828.42	1,071.60	820.33	623.25	460.13	368.12	305.64	7042.15
2017	389.78	306.60	440.10	639.30	654.47	838.50	1,049.46	698.97	675.47	504.34	369.98	684.50	7251.47
2018	422.34	332.74	345.80	670.09	971.05	975.33	966.38	858.30	871.28	451.67	438.60	355.77	7659.35
2019	393.08	359.27	350.49	565.35	639.70	890.80	994.24	830.84	887.72	711.06	476.89	347.64	7447.08
2020	336.09	374.53	311.89	657.80	838.33	1,080.68	1,158.21	1,069.16	1,120.70	917.05	479.84	350.70	8694.98
2021	414.83	317.62	365.17	767.91	768.47	825.78	709.15	954.68	597.34	740.70	354.75	355.25	7171.65
2022	367.25	360.67	349.75	693.40	752.88	1,174.27	944.39	940.34	746.92	652.02	422.08	417.17	7821.14
2023	415.22	425.35	388.23	673.31	718.62	934.58	1,252.39	1,033.06	956.03	1,031.98	452.53	368.91	8650.21
2024	384.41	379.02	475.27										1238.70

* No info available due to transition of new billing system.

MUNICIPAL WATER SYSTEM METERS IN SERVICE

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	10,385	10,398	10,360	10,396	10,485	10,486	10,492	10,479	10,512	10,468	10,448	10,534
2003	10,453	10,420	10,550	10,505	10,549	10,682	10,604	10,670	10,688	10,631	10,586	10,606
2004	10,608	10,541	10,617	10,624	10,627	10,678	10,700	10,730	10,671	10,672	10,684	10,597
2005	10,581	10,552	10,635	10,618	10,645	10,733	10,757	10,747	10,725	10,695	10,692	10,669
2006	10,676	10,669	10,663	10,704	10,687	10,759	10,720	10,746	10,739	10,711	10,670	10,645
2007	10,633	10,661	10,679	10,717	10,726	10,814	10,801	10,786	10,740	10,735	10,761	10,753
2008	10,804	10,784	10,809	10,826	10,836	10,880	10,861	10,875	10,820	10,758	10,713	
2009	10,747	10,881	11,126	11,179	11,156	11,232	11,160	11,184	11,158	11,169	11,182	11,107
2010	11,132	11,105	11,201	11,157	11,208	11,221	11,216	11,225	11,201	11,205	11,184	11,165
2011	11,271	11,292	11,256	11,270	11,281	11,349	11,331	11,333	11,327	11,300	11,267	11,224
2012	11,249	11,229	11,277	11,305	11,333	11,353	11,368	11,370	11,319	11,332	11,344	11,321
2013	11,290	11,361	11,415	11,405	11,412	11,450	11,488	11,527	11,507	11,478	11,482	11,442
2014	11,501	11,709	11,803	11,807	11,848	11,893	11,919	11,988	12,001	12,022	11,892	11,993
2015	11,865	11,871	11,916	12,014	11,957	12,153	12,062	12,087	12,020	11,968	11,825	11,978
2016	11,854	12,116	12,166	12,125	12,143	12,224	12,170	12,219	12,162	12,076	11,979	11,948
2017	12,053	12,014	12,173	12,213	12,173	12,223	12,205	12,376	12,213	12,300	12,204	12,288
2018	12,315	12,307	12,329	12,384	12,452	12,531	12,472	12,479	12,467	12,408	12,577	12,352
2019	12,440	12,386	12,556	12,508	12,653	12,656	12,698	12,827	12,644	12,804	12,708	12,653
2020	12,769	12,731	12,859	12,827	12,844	12,926	12,912	13,057	12,996	13,265	12,812	12,799
2021	12,830	12,920	12,945	13,205	13,026	13,162	*	*	*	*	*	*
2022	*	*	*	*	*	*	*	*	*	*	*	12,980
2023	12,572	12,604	12,610	12,646	12,627	12,676	12,706	12,717	12,723	12,736	12,773	12,815
2024	12,803	12,811	12,826									12,815

* No info available due to transition of new billing system.

**AIRPORT WELLS
WATER RIGHTS PUMPED
ACRE FEET**

(61.24 Acre Ft. Available Per Year)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
2012	0.59	0.62	1.08	0.83	1.83	3.64	2.31	3.67	2.27	2.01	1.67	1.87	22.41
2013	0.89	2.32	2.26	1.18	1.28	1.73	1.9	3.69	2.01	2.62	1.99	1.06	22.93
2014	1.86	0.73	1.04	1.55	0.66	0.20	3.17	0.96	0.37	1.89	0.80	0.61	13.84
2015	0.03	0.07	0.03	1.02	1.59	2.47	2.57	2.96	2.13	1.35	2.46	1.57	18.25
2016	1.14	2.21	3.25	3.48	2.43	1.45	0.064	0.031	0.002	0.016	0.00	0.058	14.13
2017	0.07	0	0.16	0.31	0	0.51	0.55	0.022	0.00	0	0.18	0.14	1.94
2018	0.00	0.07	0.06	0.082	0.303	0.00	0.002	0.002	0.002	0.002	0.001	0.002	0.53
2019	0.00	0.023	0.36	0.56	1.17	2.72	2.13	2.67	2.60	2.60	1.33	1.99	18.15
2020	0.48	1.04	0.49	1.47	0.61	1.37	0	0.99	1.55	2.03	0.46	0.35	10.84
2021	0.77	0.34	0.45	0.71	0.94	2.01	1	1.56	0.92	0.83	1.21	0.61	11.35
2022	0.89	0.62	0.95	0.27	0.21	0.33	0.9	0.08	0.12	0.01	0.03	0	4.41
2023	0.00	0.00	0.00	0.40	0.52	3.75	3.61	1.76	0.09	0.08	0.00	0.00	10.21
2024	0.58	0.03	0.00										0.61

**AIRPORT WELLS
WATER SOLD
ACRE FEET**

2011	1.18	1.09	3.76	3.87	3.32	3.91	3.32	1.69	3.5	3.25	3.99	0.81	33.69
2012	2.36	2.65	3.77	3.84	1.27	3.02	2.66	4.22	2.62	2.3	2.65	1.28	32.64
2013	1.32	1.11	0.88	0.49	0.64	1.67	1.78	2.70	1.22	0.97	1.20	0.95	14.93
2014	1.15	0.05	1.51	0.82	0.07	0	0.44	0.27	0.01	0.02	0.01	0.01	4.36
2015	0.01	0	0	0	0	1.04	1.78	3.12	1.12	1.60	2.07	1.25	11.99
2016	1.4	2.14	2.86	3.35	2.18	1.22	0.04	0.03	0	0.02	0	0	13.235
2017	0	0	0.15	0	0	0.48	0.53	0.00	0	0.00	0.00	0	1.16
2018	0	0	0	0	0	0	0	0.00	0	0.00	0.00	0	0
2019	0	0	0.33	0.052	0	0.031	0.031	0.00	0.37	0.29	0.51	0.08	1.694
2020	0.04	6.27	0.38	1.21	0.58	1.17	0.31	0.00	1.5	1.75	0.40	0.29	13.9
2021	0.84	0.17	0.42	0.73	0.92	1.9	1.36	1.26	1.17	0.64	0.95	0.79	11.15
2022	*	*	*	*	*	*	*	*	*	*	*	*	0
2023	0	0	0	0	0.73	0.55	1.35	3.70	0.95	0.15	0.00	0.00	7.43
2024	1.77	0.52	0										2.29

Note: Water Sold Report is always one month behind.

*no info available

WATER CUTOFFS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
2012		227	231	299	198	270	216	274	219	504	293	408	3139
2013	260	309	321	438	267	362	267	315	236	254	362	291	3682
2014	343	360	433	239	353	185	363	399	288	373	484	307	4127
2015	397	254	252	355	256	273	299	303	266	307		535	3497
2016	414	440	298	297	360	239	345	163	177	212	240	172	3357
2017	268	210	265	279	158	231	170	195	166	228	221	177	2568
2018	241	301	120	139	235	153	227	152	206	216	368	199	2557
2019	257	270	334	143	238	147	222	251	235	256	341	217	2911
2020	172	172	235	0	0	0	0	0	0	643	0	0	1222
2021	0	0	0	428	341	255	0	0	0	0	0	0	1024
2022	0	0	797	324	394	345	457	285	276	0	0	0	2878
2023	506	275	291	318	305	277	319	232	223	248	0	0	2994
2024	372	306	296										974

**SHOOTING RANGE WELL
WATER RIGHTS PUMPED
ACRE FEET**

(3 Acre Ft. Available Per Year)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
2013	0.05	0.03	0.12	0.16	0.18	0.28	0.21	0.32	0.16	0.20	0.08	0.05	1.84
2014	0.07	0.10	0.16	0.10	0.13	0.29	0.34	0.31	0.17	0.18	0.11	0.10	2.06
2015	0.08	0.07	0.12	0.12	0.11	0.12	0.12	0.26	0.21	0.12	0.08	0.09	1.50
2016	0.07	0.08	0.10	0.07	0.10	0.22	0.16	0.09	0.04	0.04	0.037	0.031	1.04
2017	0.009	0.01	0.03	0.02	0.04	0.10	0.04	0.055	0.046	0.05	0.03	0.034	0.47
2018	0.04	0.02	0.04	0.02	0.02	0.03	0.02	0.03	0.025	0.025	0.034	0.058	0.37
2019	0.061	0.05	0.06	0.05	0.03	0.03	0.01	0.02	0.02	0.02	0.086	0.080	0.51
2020	0.003	0.00	0	0	0.00	0.00	0.05	0.06	0.06	0.043	0.043	0.000	0.26
2021	0	0	0	0	0.00	0.03	0.02	0.02	0.09	0.03	0.02	0.04	0.25
2022	0.01	0.01	0.02	0.02	0.02	0.01	0.2	0.01	0.02	0.02	0.02	0.02	0.38
2023	0.01	0.02	0.02	0.02	0.06	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.25
2024	0.02	0.02	0.02										0.06

**SUNSET GARDEN WELL
WATER RIGHTS PUMPED
ACRE FEET**

(28.2 Acre Ft. Available Per Year)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
2012											10.75	0	10.75
2013	0.00	0.00	0.00	1.51	4.53	4.47	2.98	5.09	1.73	0.51	0.00	0.00	20.82
2014	0.00	0.00	0.00	0.00	0.00	0.00	6.81	2.58	0.53	0.00	0.00	0.00	9.92
2015	0.00	0.00	0.07	2.68	2.84	1.93	1.13	2.72	4.71	1.47	2.17	0.26	19.98
2016	0.13	1.89	3.37	4.30	4.49	4.11	4.66	0.82	0.00	0.00	0.00	0.00	23.77
2017	0.00	0.00	2.60	3.92	3.87	3.63	4.18	2.97	0.33	0.00	0.00	1.38	22.88
2018	0.00	0.07	0.00	1.48	3.53	3.74	1.57	3.46	2.79	1.00	0.00	0.00	17.64
2019	0.00	0.00	0.04	2.56	4.36	4.57	2.72	4.60	3.06	1.04	0.28	0.00	23.23
2020	0.13	0.55	1.06	2.53	3.77	1.58	3.97	3.97	3.81	2.46	0.78	0.29	24.90
2021	0.0045	0.00	1.06	2.23	3.09	3.29	3.36	2.23	2.60	1.07	1.49	1.41	21.84
2022	0.03	0.00	0.31	1.88	3.20	3.74	3.45	2.60	2.30	0.64	0.47	0.70	19.32
2023	0.00	0.02	0.73	2.40	3.43	3.49	0.83	3.03	2.09	0.81	0.00	0.00	16.83
2024	0.31	1.04	1.20										2.55

WOOD FARM WELLS

1,000,000 325850

*1,000,000 /325850 Formula do not delete

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
2011	0.08	0.90	11.80	9.78	22.64	22.54	18.60	19.88	37.60	8.30	2.20	0.02	154.34
2012	0.00	4.81	9.11	11.16	11.79	18.76	10.00	11.69	15.24	1.89	0.05	0.64	95.13
2013	0.35	0.61	7.29	12.51	16.04	16.64	10.62	16.57	8.61	4.90	2.34	0.27	96.75
2014	1.36	1.79	6.64	10.62	16.04	22.07	21.01	13.50	3.31	4.42	0.12	0.25	101.13
2015	0.29	1.31	4.58	13.01	37.20	2.17	11.54	20.96	8.74	1.62	0.44	0.55	102.41
2016	0.27	2.67	14.42	13.03	22.09	30.57	33.17	15.94	8.18	15.31	1.38	1.44	158.47
2017	1.62	0.93	11.50	17.68	24.58	29.33	29.59	11.05	14.91	8.18	1.56	1.43	152.36
2018	5.02	3.40	12.61	15.47	26.22	28.31	27.69	24.12	34.65	5.79	11.50	1.96	196.74
2019	4.11	2.42	0.01	14.42	49.65	0.70	25.05	21.72	26.74	13.96	7.00	7.03	172.81
2020	1.14	3.17	12.31	28.72	29.58	30.38	32.01	27.83	27.48	11.13	10.67	5.49	219.91
2021	6.43	4.67	13.65	12.36	10.29	18.34	18.00	12.59	17.68	14.25	9.66	0.00	137.92
2022	1.30	2.77	10.51	18.12	17.91	21.45	25.31	19.20	11.97	11.94	10.19	5.43	156.10
2023	10.89	6.93	13.21	15.06	19.29	27.86	35.38	30.59	17.55	10.27	5.52	34.34	226.89
2024	4.29	7.87	10.12										22.28

Water Department Summary

Double Eagle Water System

Mar-24

Acre Ft.

Production Figures:

This Month Previous Month Year to Date

Water:

Pumped from Double Eagle (Ac. Ft.)	49.18	43.37	159.03
Water Exported to Carlsbad Municipal System	18.20	16.43	49.22
Water delivered to "Paying Livestock Water" Customers (Ac. Ft.)	0.33	0.33	0.90
Water delivered to "Free Livestock Water" Customers (Ac. Ft.)	1.06	0.65	2.25
Water sold to "Governmental Domestic Water" Customers (Ac. Ft.)	0.35	0.55	1.44
Water sold "Commercial Domestic Water" Customers (Ac. Ft.)	0.03	0.04	0.15
Water sold to "Industrial Water" customers (Ac. Ft.)	1.83	2.39	7.55
Water delivered to WIPP (Ac. Ft.)	1.04	1.71	3.94
Water Used by SmithCo - New Waterline Construction	0	0.00	0.00
Safe Drinking Water Act Violations	0	0.00	0.00

Wells:

Wells in Operation	22	23	
KWH consumed	71,657	60,702	219,428
Total No. of Wells	23	23	
Ogallala Aquifer Level at Hudson 1	125.87	126.18	
Tatum Aquifer Level	119.48	119.87	
Meters in Service	66	66	

Distribution Figures:

Transmission Lines:

Line Extension (feet)	0	0	0
Line Replacement (feet)	0	0	0
Leaks (Main Lines)	11	14	37
Leaks (Service Lines)	0	0	0
Number of Isolating Valves Operated	4	3	8
Number of Isolating Valves Serviced	0	0	0
Number of Pressure Reducing Valves Serviced	0	0	0
Number of Air Relief Valves Serviced	0	0	0
		0	0

Remarks:

Wells Down - C-3, AMB-1, AMB-3, CR-16, CR-17

* Not available

** No info available due to billing transitioning to new system.

Ron Myers

Ron Myers, Water Superintendent

**Double Eagle Well Operation
Mar-24**

Well	Status	Water Production				Power Consumption			Motor Hours			Well Information		
		Present Read	Previous Read	Water Pumped		Present Read	Previous Read	KWH	Current	Previous	Hours Run	Avg GPM	Static Water Elevation	Pumping Elevation
				Gallons	Acre Ft.									
AMBASSADOR # 1	Neptune/ Trident											off		
AMBASSADOR # 4	Well Inoperable													
AMBASSADOR # 3	Well Inoperable					8,827	8,649	178				off		
C-11	McCrometer	55,364,533	53,088,551	2,275,982	6.98	192,457	184,221	8,236						
C-10	McCrometer	47,905,207	46,620,777	1,284,430	3.94	221,369	216,215	5,154						
C-6	Mc Crometer	58,900,937	57,942,006	958,931	2.94	575,238	572,712	2,526	22,584.3	22,500.2	84.1	140		
CAPROCK # 19	Mc Crometer Mag	35,318,185	34,970,072	348,113	1.07	37,440	35,628	1,812	17,285.7	17,046.2	239.5	25		
CAPROCK # 13	Mc Crometer	124,662,949	122,662,257	2,000,692	6.14	271,662	264,038	7,624	25,261.9	24,568.7	693.2	140		
C-9	McCrometer	45,289,291	43,121,077	2,168,214	6.65	173,421	167,110	6,311						
CAPROCK # 20	Sensus/ Omni	0	0	0	0.00	229,185	229,185	0	12,277.1	12,277.1	0	150		
CAPROCK # 10	Mc Crometer	3,210,033	2,198,043	1,011,990	3.11	124,226	121,418	2,808	505.6	342.9	162.7	90		
C-8	McCrometer	54,833,824	53,119,764	1,714,060	5.26	159,990	155,820	4,170						
C-7	McCrometer	30,308,811	29,783,306	525,505	1.61	115,144	111,786	3,358						
CAPROCK # 18	Sensus/ Omni	3,443,021	3,443,021	0	0.00	59,502	59,413	89	12,470.6	12,470.6	0	90		
CAPROCK # 6	Neptune/ Trident	144,184,338	144,149,688	34,650	0.11	85,301	85,086	215	29,185.6	29,180.1	5.5	105		
CAPROCK # 4	McCrometer	43,357,599	42,543,896	813,703	2.50	82,092	77,332	4,760	18,302.1	17,973.6	328.5	45		
CAPROCK # 1	Mc Crometer	41,370,682	40,759,011	611,671	1.88	159,392	156,303	3,089	20,581.1	20,298.8	282.3	30		
Frontier # 2	Mc Crometer	47,166,101	46,623,779	542,322	1.66	20,187	17,866	2,321	20,214.6	19,989.7	224.9	30		
Frontier # 1	Sensus/ Omni	387,452	148	387,304	1.19	2,970	1,948	1,022	27,368.8	27,273.7	95.1	50		
FRONTIER # 3	Mc Crometer	975,408	700,138	275,270	0.84	1,646	1,646	0	14,970.3	14,939.7	30.6	140		
C-2	Mc Crometer	18,813,136	18,813,128	8	0.00	38,818	38,729	89	56.4	56.4	0	160		
HUDSON # 1	Octave	22,733,947	22,733,947	0	0.00	250,161	249,195	966	11,725.7	11,725.7	0	130		
CAPROCK # 14	Mc Crometer	74,459,652	73,386,443	1,073,209	3.29	85,901	83,418	2,483	11,806.2	11,674.5	131.7	110		
CAPROCK # 15A	Mc Crometer	114,660	114,655	5	0.00	2,858	2,774	84	10,031.9	10,031.9	0	130		
CAPROCK # 21	Mc Crometer	78,898,531	78,898,530	1	0.00	213,496	211,662	1,834	15,053.4	15,053.4	0	65		
C-1	Mc Crometer	6,673	6,673	0	0.00	115,477	115,388	89	17,484.3	17,484.3	0	110		
CAPROCK # 2	Well Inoperable													
CAPROCK # 3	Well Inoperable													
CAPROCK # 5	Well Inoperable													
C-5	Well Inoperable													
C-4	Mc Crometer													
C-3	Mc Crometer													
CAPROCK # 17	Mc Crometer											80		
CAPROCK # 16	Mc Crometer											off		
Boosters		9,866,615	9,866,615	0	0.00	290,585	278,178	12,407	10999.9	10999.9	0			
2 MG RESERVOIR						1,471	1,439	32						
Totals				16,026,060	49.18			71,657			2278.10			

Meter Reads in Barrels
 Ambassadors #1 & #3 - Wells Inoperable
 C-3, & Caprock #16 - Wells Inoperable
 Meter Changed Out
 Meter removed.

**DOUBLE EAGLE WATER SYSTEM
WATER RIGHTS PUMPED
ACRE FEET**

7648 Acre Ft. Available Per Year

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
2003	122.27	104.02	106.63	131.16	131.94	108.31	137.27	122.89	129.50	122.80	83.40	125.20	1,425.39
2004	94.10	99.14	108.96	88.59	85.29	104.91	80.47	96.62	108.99	99.07	84.00	132.98	1,183.12
2005	81.06	73.83	91.00	90.00	110.71	129.71	103.80	125.81	89.55	91.54	92.55	103.75	1,183.31
2006	99.66	92.01	109.29	75.35	137.85	132.18	86.22	98.53	96.51	96.88	103.45	82.69	1,210.62
2007	73.12	78.65	99.85	73.60	97.46	93.25	114.77	141.58	113.26	111.06	98.79	109.92	1,205.31
2008	108.28	117.41	93.89	110.54	91.87	107.59	103.60	134.80	114.37	126.79	119.45	139.80	1,368.39
2009	115.53	83.87	105.70	112.09	109.80	124.02	128.01	105.62	101.64	134.59	96.48	98.93	1,316.28
2010	98.23	113.03	134.55	139.75	121.56	152.79	139.33	180.08	160.27	158.58	167.75	151.88	1,717.80
2011	171.89	131.01	144.73	160.28	185.57	170.30	157.83	137.34	139.25	135.26	137.58	117.98	1,789.02
2012	112.77	108.16	110.15	110.62	111.76	186.92	141.80	163.02	72.61	134.45	161.72	175.64	1,589.62
2013	164.38	146.44	142.20	145.50	142.80	124.28	97.54	94.88	109.18	103.89	93.63	85.58	1,450.30
2014	85.93	86.42	87.69	97.98	125.16	108.77	144.13	120.58	98.47	114.24	102.38	107.72	1,279.47
2015	89.83	63.29	89.61	87.98	64.58	50.44	70.24	51.81	37.52	33.59	30.08	30.07	699.04
2016	30.64	38.22	36.18	26.75	28.85	34.75	32.22	33.35	23.61	26.72	29.06	31.03	371.38
2017	25.7	35.61	28.01	23.74	32.89	38.88	31.35	39.17	34.97	35.18	35.9	30.94	392.34
2018	40.13	23.75	34.02	35.14	39.33	42.3	31.46	43.72	38.41	37.23	35.01	31.7	432.20
2019	38.5	31.43	38.88	47.10	47.95	27.52	54.21	65.54	52.22	48.53	47.46	38.97	538.31
2020	33.11	23.96	37.75	38.84	68.02	54.59	77.21	59.61	62.09	51.36	93.76	34.66	634.96
2021	62.14	65.22	46.43	96.87	69.61	96.94	91.63	56.41	120.17	121.64	87.7	85.52	1,000.28
2022	68.37	81.29	92.93	110.89	112.75	115	78.14	79.49	131.9	119.22	93.76	138.36	1,222.10
2023	108.02	142.18	195.09	128.58	88.51	93.44	86.57	75.07	55.22	73.24	70.51	62.8	1,179.23
2024	66.48	43.37	49.18										159.03

**DOUBLE EAGLE WATER SYSTEM
WATER SOLD/PROVIDED
ACRE FEET**

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
2003	103.16	118.81	92.16	100.16	106.02	121.98	117.48	118.48	96.98	96.27	117.92	65.14	1,255
2004	77.06	132.54	98.28	113.37	95.77	156.29	95.71	102.28	75.52	133.76	82.88	78.70	1,242
2005	95.53	53.68	62.88	76.56	70.95	68.86	107.91	88.42	76.59	66.83	88.31	60.69	917
2006	68.06	68.09	64.04	74.07	54.60	73.13	70.56	65.77	63.28	71.94	70.15	67.72	811
2007	63.47	71.20	43.33	64.06	81.36	83.03	80.18	72.46	89.35	38.88	49.77	115.89	853
2008	73.31	54.99	170.85	58.17	113.89	87.58	112.17	93.30	54.07	113.46	87.57	0.00	1,019
2009	133.68	134.89	193.91	128.57	124.42	147.29	149.87	144.41	403.39	204.34	216.64	205.47	2,187
2010	166.20	147.23	156.74	206.90	262.81	159.74	235.21	209.27	261.26	289.04	249.98	202.71	2,547
2011	273.88	296.83	197.17	305.62	293.17	356.46	306.39	341.59	373.96	299.28	332.79	115.34	3,492
2012	70.53	108.07	365.95	127.64	147.59	169.53	110.81	151.82	168.33	94.88	158.73	145.76	1,820
2013	304.62	105.90	114.03	89.49	91.59	72.45	66.60	67.58	58.66	52.40	62.94	49.32	1,136
2014	60.02	54.78	73.24	66.94	80.62	76.05	68.73	80.55	75.86	58.67	67.36	63.32	826
2015	59.07	47.81	31.75	28.16	38.17	18.94	17.79	19.48	17.51	11.21	9.04	8.54	307
2016	11.61	8.13	9.02	7.07	5.58	4.20	7.95	6.37	7.11	4.21	3.57	3.61	78
2017	4.28	4.14	3.55	4.95	3.85	8.38	7.79	4.46	4.83	3.69	4.76	7.98	63
2018	6.59	9.34	3.65	6.59	7.74	7.76	11.90	10.94	10.64	4.89	8.53	4.29	93
2019	8.82	6.04	3.21	5.81	9.53	6.98	9.20	9.01	13.52	11.29	9.57	11.67	105
2020	8.15	8.88	6.63	7.80	8.57	11.79	12.75	11.66	9.38	8.64	8.64	11.87	115
2021	4.34	2.25	8.89	9.73	16.09	8.99	13.45	7.96	8.14	6.35	18.20	7.44	111.83
2022	4.86	4.86	7.35	8.99	11.39	11.67	13.44	12.63	11.79	7.41	8.69	5.88	108.96
2023	9.35	7.06	7.84	10.60	8.74	9.70	13.87	13.02	14.00	10.60	7.83	6.68	119.29
2024	6.61	6.90	6.47										19.98

Note: Free Stock Included

17

** Number includes Paying Livestock/Free Livestock/Gov Domestic/Comm Domestic/Industrial/WIPP

WASTEWATER TREATMENT PLANT REPORT


MARCH 2024

Wastewater:	Current Month	Previous Month	Calendar Year to Date
Total Effluent Discharge to Pecos River (Acre Ft.)	55.80	28.76	156.74
Treated Reuse Delivered to Mun. Golf Course (Acre Ft.)	24.53	18.46	58.08
Treated Reuse Sold to Rockhouse Ranch (Acre Ft.)	92.02	115.07	268.73
WWTP Irrigation Meter (Acre Ft.)	0.60	0.24	0.84
Total Reuse Pumped	117.15	133.77	327.65
After Hours Control Panel Alarms	1	4	5
KWH Consumed 137785-136683=x160=	176,320	161,920	509,760
NPDES Permit Violations	0	0	0
Sodium Hypochloride for Reuse (Gallons)	40	30	110

Septage Disposal Report:	Current Month	Previous Month	Calendar Year to Date
Total Number of Loads	167	118	395
		0	0
Taxed Gallons 313046.50x \$.10	\$31,304.65	12,956	\$53,993.25
Taxed Manifest Books / \$30.00 2 x \$30.00	\$60.00	150	\$330.00
Subtotal	\$31,364.65	13,106	\$54,323.25
5% Tax	\$1,568.23	\$492.65	\$2,716.19
Taxed Billing	\$32,932.88	\$13,598.20	\$57,039.44
			\$0.00
Tax Exempt Gallons 36952.50x \$.10	\$3,695.25	\$6,214.75	\$11,952.50
Tax Exempt Manifest Books / \$30.00 x \$30.00	\$0.00	\$30.00	\$30.00
Taxed Exempt Billing	\$3,695.25	\$6,244.75	\$11,982.50
			\$0.00
Total Billing	\$36,628.13	\$19,842.95	\$69,021.94

Biosolids:	Current Month	Previous Month	Calendar Year to Date
Total Compost Produced (Cu. Yds.)	0.00	160.00	160.00
Amount of Sludge Sent to Compost Operation (Cu. Yds.)	1317.04	1303.96	4,080.60

Wastewater Discharge Characteristics:	Current Month	Previous Month	Permit Limit
Average Biochemical Oxygen Demand (Lbs./Day)	20.41	33.23	293.00
Average Total Suspended Solids (Lbs./Day)	29.31	56.34	1,051.00
Average Flow (Million Gallons/Day)	0.78	0.68	NA
E.Coli (30 Day Avg.)	1.03	1.03	126.00


Matthew Warner, WW Superintendent

SEWER COLLECTIONS REPORT

Mar 24

Calendar
This Month Previous Month Year to Date

Collection Lines:

Total Mileage of Main Line in System			139
Line Extension (Ft.)	0	0	0
Line Replacement (Ft.)	0	0	0
Repairs on Main Lines	0	0	0
Main Line Stoppages	2	4	10
Number of Manholes and Cleanouts	0	0	0
Manholes Flushed	0	0	0
Manholes Repaired	1	0	1
Customer Service Repairs	0	1	2
Customer Complaints, All Other	8	10	24
Carlsbad Line Location Service	0	0	0
Double Eagle Line Location Service	0	0	0
Ft. Sewer Liner Cleaned/Rodded	1,740	2,880	7,233
Sewer Tap Inspections	0	0	0
Total No. of Customer Services	0	0	0
Total No. of New Cust. Services Installed	0	0	0

Lift Stations:

Total in Service			
Number of After-Hour Control Panel Alarms	2	0	7
Number of Repairs	0	0	1
KWH Consumed, Primary Lift Station	94720	43,520	138,240
KWH Consumed, All Other Lift Stations	11477	9,617	21,094

pulled pump at Farmview lift station. Replac	

W. [Signature] 4-2-24

**EFFLUENT DISCHARGE TO PECOS RIVER
ACRE / FEET**

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
2000	275.31	248.42	260.88	233.80	316.16	282.37	276.77	278.69	311.94	258.03	349.52	325.73	3,417.62
2001	272.21	204.60	217.67	191.40	142.09	236.98	244.68	224.77	225.64	195.79	254.84	265.78	2,676.45
2002	266.35	232.01	263.62	256.99	225.81	190.74	250.02	214.79	206.30	244.07	207.28	239.84	2,797.82
2003	195.98	143.44	168.79	155.94	169.64	151.16	185.64	183.40	174.65	209.24	209.88	236.34	2,184.10
2004	232.32	213.56	223.88	291.51	274.82	213.81	209.05	186.17	199.53	241.73	280.59	208.26	2,775.23
2005	184.13	164.12	178.11	168.66	206.41	168.17	167.37	181.58	157.77	173.60	147.12	169.92	2,066.96
2006	141.87	127.02	172.99	140.40	140.92	169.70	174.86	188.76	197.39	185.97	178.88	182.23	2,000.99
2007	175.29	153.32	169.55	166.88	207.94	153.26	271.96	303.14	316.00	351.48	364.76	305.84	2,939.42
2008	259.44	239.22	252.53	246.40	228.69	180.08	206.35	210.09	240.35	261.89	258.89	171.21	2,755.14
2009	358.99	231.11	189.22	175.11	196.47	196.37	167.43	158.99	147.30	182.56	165.29	186.18	2,355.02
2010	179.80	164.40	171.85	172.47	136.28	138.37	220.04	174.07	196.08	190.49	192.02	181.35	2,117.22
2011	177.75	161.00	153.44	128.22	131.87	132.52	140.71	144.86	149.98	149.77	158.14	176.47	1,804.73
2012	177.26	133.35	158.96	132.17	197.54	139.17	163.09	149.43	143.97	124.39	140.86	183.20	1,843.39
2013	174.54	155.21	161.36	131.65	121.07	133.60	175.46	164.14	177.28	206.07	240.30	209.81	2,050.49
2014	210.63	150.47	156.04	153.06	160.67	157.52	218.21	280.09	284.34	255.76	244.57	224.53	2,495.89
2015	251.82	212.71	212.94	169.98	208.69	201.13	216.44	237.77	198.80	221.07	202.61	233.28	2,567.24
2016	250.84	215.81	203.86	199.36	220.94	213.33	202.97	238.61	251.05	230.03	217.11	202.17	2,646.08
2017	226.02	195.23	190.92	172.18	121.62	114.39	132.83	166.44	166.80	172.02	164.66	171.59	1,994.70
2018	180.72	134.33	132.78	116.31	115.83	119.59	129.91	152.77	160.73	184.72	166.96	175.48	1,770.13
2019	187.77	147.18	151.39	141.14	122.93	147.25	156.34	163.47	171.70	196.57	190.31	181.66	1,957.71
2020	171.87	152.55	144.74	108.70	129.17	128.14	127.36	133.91	137.49	147.44	150.85	168.11	1,700.33
2021	176.88	166.70	155.81	141.66	147.77	138.68	213.38	233.23	213.59	229.06	205.63	201.46	2,223.85
2022	215.85	180.58	165.29	88.93	133.36	132.40	154.29	155.42	159.82	200.87	194.49	193.65	1,974.95
2023	195.33	175.90	127.53	162.53	166.59	105.31	32.91	101.38	64.63	215.46	212.03	193.65	1,753.25
2024	72.18	28.76	55.80										156.74

**EFFLUENT REUSE
ACRE / FEET**

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2004	18.94	15.45	17.52	25.36	40.46	43.55	50.58	38.81	31.31	20.14	7.82	8.08	318.02
2005	6.96	5.99	14.35	35.49	31.91	43.54	45.14	30.45	37.52	25.95	25.12	20.74	323.16
2006	22.68	22.17	23.21	37.40	49.95	99.47	207.81	72.92	23.20	34.28	20.50	17.75	631.34
2007	13.63	13.91	24.14	31.79	27.52	49.34	36.59	38.53	32.68	25.42	12.77	13.64	319.96
2008	15.06	20.54	21.83	41.29	46.49	48.50	35.56	40.95	22.85	38.63	26.92	7.18	365.80
2009	16.77	20.71	26.54	40.51	39.84	41.08	44.08	51.38	49.33	43.70	27.62	11.71	413.27
2010	16.58	8.89	23.08	31.79	62.07	61.63	15.10	49.33	28.02	29.55	21.36	18.51	365.91
2011	14.69	8.13	38.05	54.54	56.44	52.72	55.45	50.42	49.73	44.67	23.78	7.38	456.00
2012	5.82	10.40	24.91	46.25	37.18	50.67	42.51	59.86	50.03	26.67	15.56	8.15	378.01
2013	8.68	7.48	21.68	38.81	58.76	53.68	37.15	36.50	21.42	29.52	12.20	14.36	340.24
2014	19.88	23.44	34.05	32.20	47.27	54.26	67.18	45.85	21.00	32.05	19.69	28.04	424.91
2015	7.33	13.31	21.93	47.89	49.49	75.50	63.51	46.70	44.23	16.48	17.41	12.08	415.86
2016	7.43	17.65	41.85	42.00	37.41	34.82	53.26	35.94	29.90	29.75	21.56	18.97	370.54
2017	10.85	15.78	32.93	38.92	58.76	70.39	69.88	42.35	41.26	32.46	17.40	10.48	441.46
2018	25.29	45.73	62.15	81.04	88.81	83.84	93.81	74.15	55.54	42.74	34.22	15.62	702.94
2019	18.09	35.37	50.54	63.17	87.76	78.14	89.60	85.06	68.66	48.29	26.89	27.94	679.51
2020	28.16	29.07	40.67	66.70	70.90	67.84	77.07	74.77	58.73	42.58	23.60	10.88	590.97
2021	7.76	6.75	44.46	41.16	47.64	63.50	37.20	40.37	10.15	33.27	30.33	13.21	375.80
2022	6.81	14.04	38.29	48.19	67.72	82.38	70.77	77.47	75.39	27.51	15.31	14.71	538.59
2023	12.63	10.61	83.36	56.85	58.04	127.63	177.03	111.88	140.74	1.90	29.15	29.41	839.23
2024	76.73	133.77	117.15										327.65

**NO DOCUMENT FOR THIS
AGENDA ITEM**

Adjourn