

Date of Meeting: 1/09/2020
Time of Meeting: 7:00 PM
Location: 802 9th Street Wellington, Texas 79095



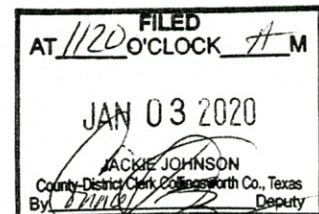
Regular Meeting Agenda

Call Meeting to Order and Establish a Quorum

- Opening Comments
- Public Comments-Please sign in and limit comments to three minutes general and three minutes per specific agenda item addressed not to exceed nine minutes in total
- 1. Consent Agenda
 - a. Consider and act on Minutes of December 5, 2019
 - b. Consider and act Approval of November Bills
 - c. Consider and act on Well Registrations, and Test Hole Permits
 - i. Well Registrations: #705-Royal Oil & Gas, #706-Royal Oil & Gas, #707-Nelson Dwyer, #708-Tommy Hightower,#709-Zach Hightower, #710-Jason Heffley, #711- Tommy Hightower, #712-Mellisa Talley
 - ii. Test Hole Permits: #505-Mark Klink, #506-Zach Hightower
- 2. Consider and act on Well Permits:
- 3. Manager's Report –Lynn Smith
- 4. Hydrogeologist Report –Ray Brady/Amy Bush
- 5. Legal Comments -Keith Good
- 6. Consider options and timeframe for replacing a district vehicle
- 7. Quarterly Budget Analysis
- 8. Consider moving \$400 from fidelity bonds to copier to balance budget categories.
- 9. Review, consider, and act on compliance matters
- 10. Discuss potential locations for 2020 automated water level equipment installation
- 11. Investment Report
- 12. Consider and discuss possible updates to District Rules.
- 13. Provide Status update on production reports received.
- 14. Other Business.

Executive Session: Consultation with Attorney Regarding Attorney Client Matters exempt from open meetings pursuant to Texas Government Code §551.071

- Set Date & Time for next Board Meeting
- Adjourn



At any time during the meeting and in compliance with the Texas Open Meetings Act, Chapter 551, Government Code, Vernon's Texas Codes, Annotated, the Mesquite Groundwater Conservation District Board may meet in executive session for any of the following purposes: Consultations with Attorney (§551.071). Any subject discussed in executive session may be subject to action during an open meeting.



Amy Crowell

[Log Off](#)

Open Meeting Submission

TRD: 2020000033
Date Posted: 01/03/2020
Status: Accepted
Agency Id: 1027
Date of Submission: 01/03/2020
Agency Name: Mesquite Groundwater Conservation District
Board: Mesquite Groundwater Conservation District
Date of Meeting: 01/09/2020
Time of Meeting: 07:00 PM (###:## AM Local Time)
Street Location: 802 9th Street
City: Wellington
State: TX
Liaison Name: Amy Crowell
Liaison Id: 1
Additional Information Obtained From: Lynn Smith @ (844) 445-2800
Agenda: Date of Meeting: 1/09/2020
 Time of Meeting: 7:00 PM
 Location: 802 9th Street Wellington, Texas 79095

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New Submission

[HOME](#)

[TEXAS REGISTER](#)

[TEXAS ADMINISTRATIVE CODE](#)

[OPEN MEETINGS](#)

Mesquite Groundwater Conservation District

802 Ninth Street, Wellington, TX, 79095, (844) 445-2800

Financial Report for the Month of November 2019

Checking Account Balance October 31, 2019

\$51,072.12

Taxes collected (Less Fees)

108,956.27

Well Registrations & Permits

0.00

Total Income:

\$108,956.27

\$108,956.27

Total Available for the Month:

\$160,028.39

November Expenses

11/04/2019 City of Wellington	October 2019	-51.85	
11/04/2019 Market Square Thriftway	Board Meeting	-108.14	
11/04/2019 Bawcom Supply	Fuel	-117.75	
11/04/2019 Larry Haddock	Desk	-60.00	
11/04/2019 Bartlett's Hardware	VOID: September	0.00	
11/05/2019 Sain and Sain Storage	Rent and Gas & Printer Cabinet	-345.00	
11/05/2019 Southwestern Electric Power	Electricity	-37.74	
11/05/2019 Microsoft Office	Software	-8.94	
11/12/2019 Lemon, Shearer, et al	INVOICE # 14519	-793.03	
11/12/2019 Tascosa Office Machines	Copier Rent & Printing	-139.33	
11/12/2019 Holton Oil & Gas Co.	October Fuel	-44.32	
11/12/2019 OK Tire	White Pickup Inspection	-7.00	
11/12/2019 Genarah Mannuel Tax Assessor	Registration for White Truck	-7.50	
11/13/2019 Windstream	Telephone/Internet	-116.46	
11/15/2019 Quill Corp.	Supplies	-166.95	
11/19/2019 Card Service Center	10/9/2019-11/7/2019	-2,650.76	
11/25/2019 Quill Corp.	Supplies	-157.74	
11/26/2019 Quill Corp.	Supplies	-222.20	
11/29/2019 JAMES L SMITH	Cell Phone Reimbursement	-250.00	
11/29/2019 United States Treasury	75-2266223	-1,653.70	
11/12/2019 American Funds	Retirement	-484.65	
11/12/2019 American Funds	Retirement	-242.33	
11/29/2019 Natasha D McNeil	Paycheck	-88.66	
11/29/2019 Troy G Thomason	Paycheck	-124.67	
11/29/2019 Whitney Wiebe	Paycheck	-1,626.99	
11/29/2019 JAMES L SMITH	Paycheck	-4,313.87	
Total Expenditures:		-\$13,819.58	-\$13,819.58

Checking Account Balance November 30, 2019:

\$146,208.81

Equipment Reserve Account Balance October 31, 2019:

\$103,849.96

Equipment Reserve Account Balance November 30, 2019

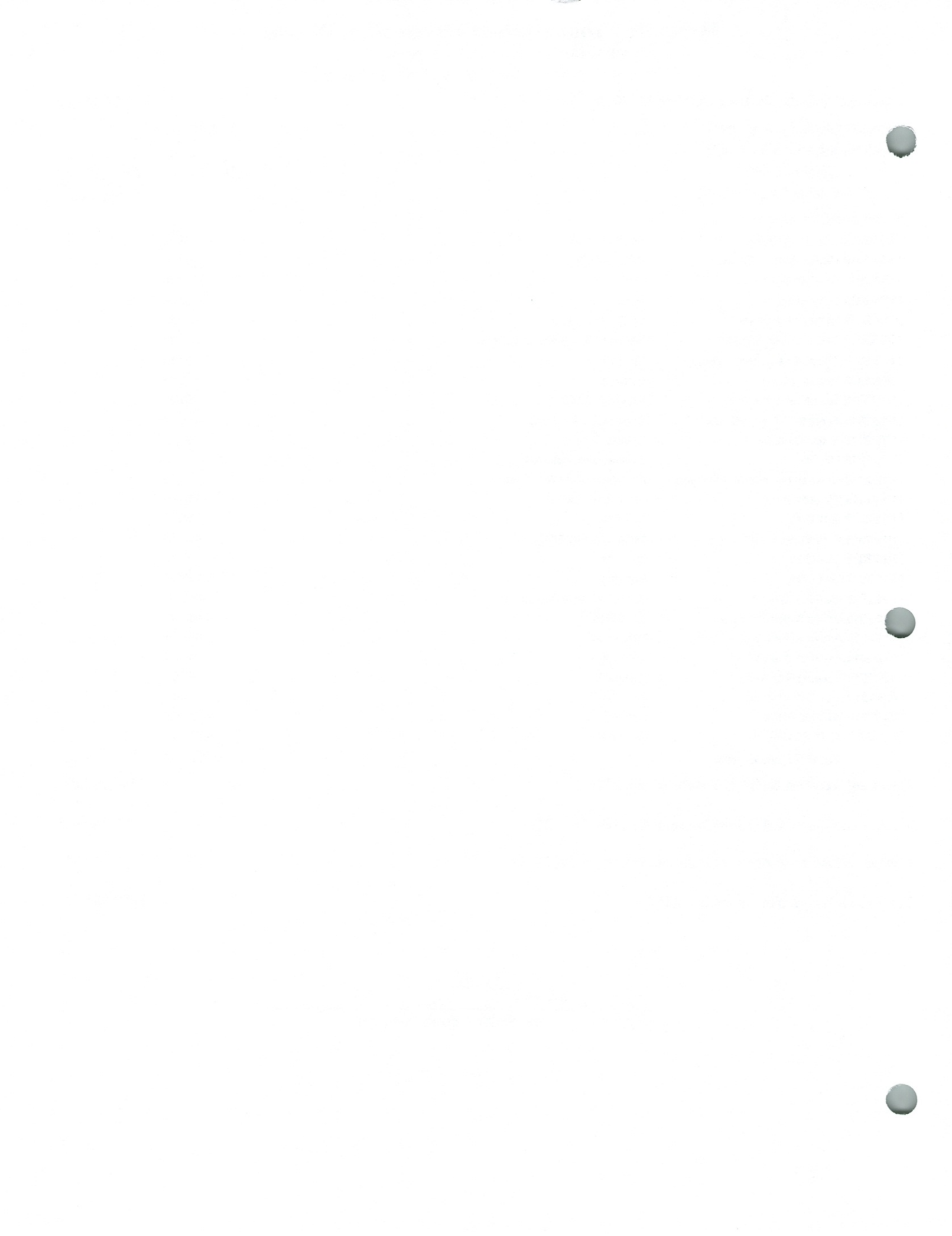
\$103,849.96

Total Cash Assets November 30, 2019:

\$250,058.77



Lynn Smith, General Manager



Monthly Manager's Report

Mesquite Groundwater Conservation District
802 Ninth Street, Wellington, Texas 79095

January 9, 2020

Ladies and Gentlemen,

The District's tech truck needed front-end repairs and two replacement tires. Those repairs were completed at a cost of approximately \$1,500. It currently has 101K miles on it. I want to discuss future plans for District vehicles later in the meeting.

Water levels have been measured in all but about 30 of the District's water level sites. Two new locations were added this year. It is a little early to conclusively say what they look like but they are similar to last year in Collingsworth County and maybe a bit lower in Hall County. Again, when we really get to look at that data next month, we may decide things are a little different than that broad, previous statement.

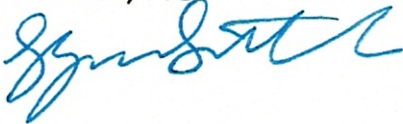
Rain gauges are being read this week. Also, we are adding a new gauge site in northeastern Collingsworth County to fill in a gap that is a little larger than I like. The gauge is being installed on Steve Emmert's place.

Whitney has been receiving some APRs. We have received 44 out of 475.

I have spent a fair amount of time participating on a TCEQ Petition for Inquiry Review Panel with four other GCD Managers. This is in reference to a "shell district" in the Rio Grande valley. That work will be ongoing until late February.

As an FYI, prior to this meeting, the District has 3,462 acres in Briscoe County.

Thank You,
Lynn Smith, P.G.





RMBJ Geo, Inc
Box 59
Floydada, Texas 79235

9 January 2019
Mesquite GCD
802 9th Street
Wellington, TX 79095

Activities this period (December 2019 – January 2020):

1. Task 1 (Water Quantity Monitoring) – Ready to start when 2020 data is complete
2. Task 2 (Mapping) – GIS program updates and training
3. Task 3. DFC / Joint Planning – None this period
4. Task 4. (On site assistance) On site January 2020.
5. Task 5. (Technical assistance) Answered phone and email queries.
6. Additional Tasks – Completed 2018/19 analysis of water levels per aquifer to compare to 2018/19 DFC analysis

Scheduled next period:

1. On site assistance
2. Printing maps
3. Attend meetings and hearings, GMA 6, TAGD, TGWA others as scheduled.
4. Onsite in January
5. Work on GMA updates as needed.
6. Continue additional analysis on Pod 1
7. Other assistance as requested

Thank you for your business

Ray Brady, Geologist
Amy Bush, Hydrologist



19-20 Adopted Budget				
	19-20 Adopted	Ammended	1st Quarter	%
Appraisal				
Appraisal District Fee	\$ 9,000.00		2,156.16	23.96
Tax Collection Commission	\$ 5,000.00		2,437.93	48.76
Professional Fees:				
Accounting	\$ 4,250.00		3,750.00	88.24
Legal	\$ 16,500.00		3,058.68	18.54
Hydrologic Services	\$ 19,750.00	28,350.00	2,500.00	8.82
Salaries	\$ 113,000.00		27,116.61	24.00
Insurance:				
Health	\$ 10,000.00		1,545.08	15.45
Fidelity Bonds	\$ 1,950.00		205.00	10.51
Unemployment	\$ 600.00		1.45	0.24
Employee Dishonesty				
Errors & Omissions				
General Liability				
Physical Contents				
Vehicle				
Worker's Comp				
	\$ 2,100.00		1,954.12	93.05
Utilities				
Water	\$ 650.00		155.55	23.93
Gas	\$ 650.00		55.23	8.50
Electric	\$ 650.00		149.64	23.02
Internet/Phone/Cell	\$ 5,600.00		1,258.36	22.47
Automobile				
Vehicle Maintnace	\$ 2,000.00		1,570.93	78.55
Vehicle Fuel	\$ 3,200.00		731.82	22.87
Rent				
Building	\$ 3,600.00		600.00	16.67
Copier	\$ 2,400.00		2,572.50	107.19
Postage & Delivery	\$ 1,000.00		388.20	38.82
Legal Notices	\$ 1,000.00		0.00	0.00
Meeting Expense	\$ 5,000.00	4,900.00	1,487.45	30.36
Travel (lodging, meals)	\$ 3,200.00		0.00	0.00
Equipment (purchase)	\$ 2,000.00		85.00	4.25
Repairs (equipment)	\$ 200.00		0.00	0.00
Supplies	\$ 1,250.00		744.40	59.55
Dues & Subscription	\$ 1,000.00	1,100.00	1,060.00	96.36
Education & Training	\$ 1,250.00		0.00	0.00
Software and Maintance	\$ 1,500.00		50.34	3.36
Memorials	\$ 200.00		0.00	0.00
Scholarship Program	\$ -		0.00	-
Education & Outreach Program	\$ 500.00	*200	10.34	2.07
Water Level Program	\$ 2,000.00		0.00	
Rain Gauge Program	\$ 100.00		0.00	0.00
Water Quality Program	\$ 600.00		0.00	0.00
Equipment Fund (Replenish)	\$ 5,300.00		0.00	0.00
Total Budgeted Expenditures	\$ 227,000.00	235,600.00	55,644.79	24.51
Total Anticipated Income	\$ 233,000.00		158,509.50	68.03

Financial Statement Documents Considered: Outstanding District Obligations, Amount of Cash on Hand to the Credit of each fund of the District, Amount of Money the District received from all sources during the previous year, and Estimated tax rate fee revenues that will be required.

12/5/2019: Move \$100 from Meeting Expenses to Dues and Subscriptions

12/5/2019: Ammended the entire budget \$8600.00 and added it to Hydrologic Services

*Received from Hemphill Undergroundwater Conservation District



Investment Report

10/01/2019-12/31/2019

Introduction

This quarterly investment report for the period from October 1, 2019 to December 31, 2019 reflects the Mesquite Groundwater Conservation District investment transactions for all District funds subject to the District's Public Funds Investment Policy.

The report describes in detail the District's investment position as of January 1, 2020; states the maturity date of each separately invested asset that has a maturity date; and states the compliance of the investment portfolio of the District with the investment strategy expressed in the District's investment policy; and relevant provisions of Public Funds Investment Act, Chapter 2256, Texas Government Code (the "Act").

Investments

District's Board has authorized Pilgrim Bank as its primary depository.

MGCD Bank Accounts	Account Name	Account Number	Balance as of January 1, 2020	Interest Rate
Pilgrim Bank	Main Account	098	170,528.85	Non-interest bearing

Pilgrim Bank is the District's primary financial institution that provides the District's main operating account. The main operating account does not exceed the FDIC insurance coverage and does not bear interest. Total District funds and investments as of January 1, 2020 are \$275,358.38.

Name of Bank	CD Number	Investment Date	maturity	days to maturity	Interest Rate	Balance
Happy State Bank	CD#343003319	2/25/2018	2/25/20	53	1.26%	\$ 104,829.53
Pilgrim Bank	#1040098	2/13/1989	6/2/19	1	0.00%	\$ 170,528.85
						\$ 275,358.38

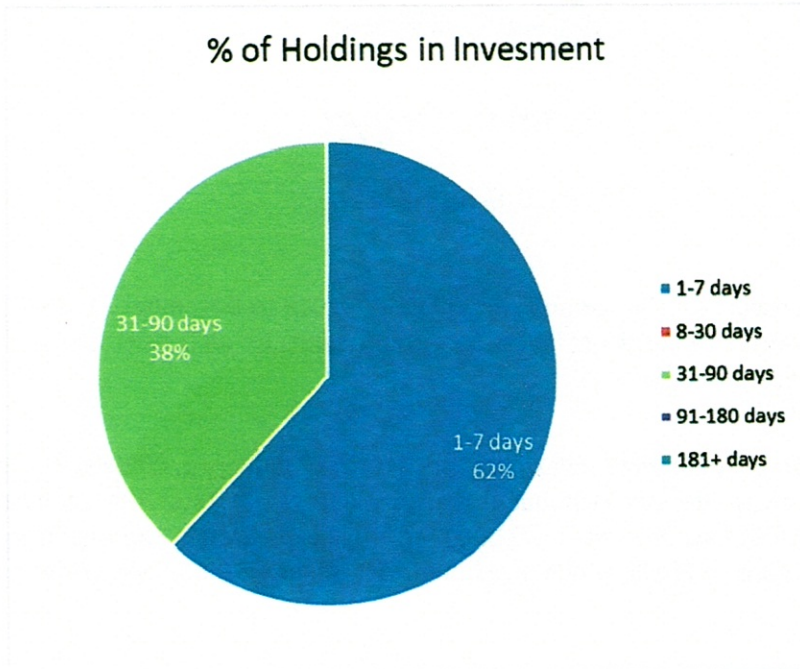
The maximum allowable maturity of any authorized investment including CDs is two years. All interest from the CDs are paid electronically back to it. The District currently does not have any CD's set to renew within the next 30 days.

A summary of District funds invested by dollar amount and number of days until maturity is as follows:

Days	Amount	Account
1-7 Days	170,528.85	General Fund Checking Account
8-30 Days	\$ 0.00	
31-90 Days	\$104,829.53	CD#319
91-180 Days		
181+ Days		
Total Portfolio	\$275,358.38	

According to this table, the largest amount of the District's investments is held in the general fund checking account with a maturity of 1 day.

The following pie chart represents the percent of holdings in investments based on the days to maturity:



This chart shows a quick snapshot of what percent of District's interest-bearing money is being held in longer investments versus shorter investments. From the pie chart, 62% of the District's investments are held in the general checking account maturity of 1 day. Whereas 38% of the District's investments are held in the #319 cd with a maturity of 53 days. These accounts do not exceed the FDIC insurance coverage.

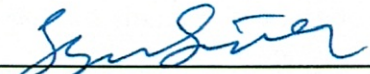
The following table illustrates the District's Weighted Average Maturity (WAM):

Security Description	Investment Amount	Mat. In Day (DTM)	WAM
Happy State Bank CD#343003319	\$ 104,829.53	53	20.2
Pilgrim Bank	\$170,528.85	1	0.6
Total	\$275,358.38		20.8

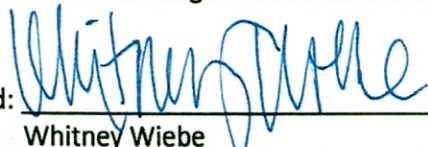
The WAM is used to illustrate the average number of days it takes District investments to mature. The District is currently operating on a 21-day WAM.

Conclusion

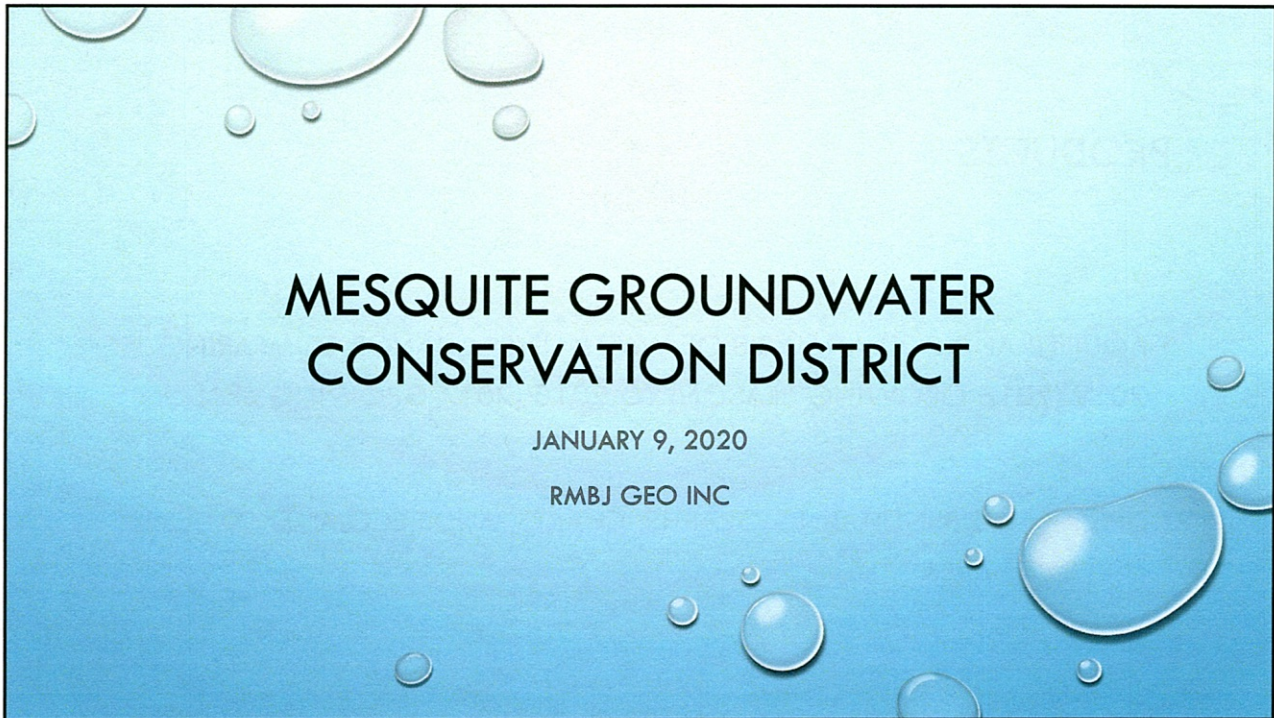
To the best of our knowledge, the portfolio of the Mesquite Groundwater Conservation District follows the Act and the District's Board approved Public Funds Investment Policy including a review of certain investments as described in Section V Item E regarding terrorist states, organizations, and the boycotting of Israel by various firms.

Signed: 
 Lynn Smith, PG
 General Manager and Financial Investment Officer

Date: 1-1-2020

Signed: 
 Whitney Wiebe
 Administrative Assistant and Financial Investment Officer

Date: 01.01.2020



1

ADDITIONAL MONITORING CONTRACT

- **POD ANALYSIS OF 2017 DATA (ALL WELLS.)** **\$1000**

- ANALYSIS OF LONG TERM VS SHORT TERM DECLINES, IS THE PROBLEM TRYING TO CORRECT ITSELF, OR IS IT GETTING WORSE? \$600
 GRAPH END PRODUCTS. (POD 1)

- SURFACES OF 15 YEARS AGO VS 5 YEARS AGO VS CURRENT, 3D SURFACES END PRODUCTS. (POD 1) \$2000

- DETERMINE CORRELATION IF ANY BETWEEN RAINFALL AND PRODUCTION. 3D SURFACES ADDED TO SHOW TOTAL WATER ON AREA END PRODUCTS. (POD 1) \$2000

- POD 1 ANALYSIS OF WATER DEPTH/WATER REMAINING/SATURATED THICKNESS AND YEARS LEFT TO "SUSTAINABILITY" ~20' SATURATED THICKNESS. CONTOUR MAP OF YEARS TIL COWS ONLY PRODUCT. \$3000

2

PRODUCTS

- AQUIFER AND POD ANALYSIS OF WATER LEVEL CHANGE COMPARING 2019 (2018 GROWING SEASON) TO 2018 (2017 GROWING SEASON)
- DFC ANALYSIS INCLUDING GRAPHS, CHARTS, AND RECOMMENDATIONS FOR EACH AREA

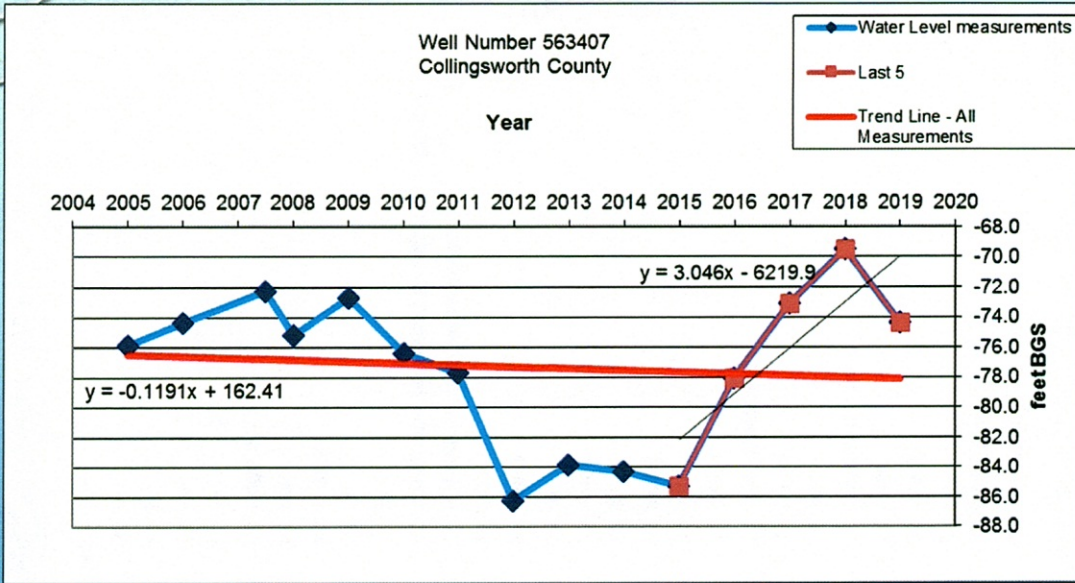
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HYDROGRAPHS

Well Number	Year	Depth to Water	Static Change	Trend, feet per year	Trend period, years	Trend Description	5 YR TREND	Maximum Depth to Water	Minimum Depth to water
563407	2005	-75.9						2005	
563407	2006	-74.4	1.5		2			2005	2006
563407	2007.5	-72.3	2.1	1.4	3	Increase		2005	2007
563407	2008	-75.2	-2.9	0.6	4	Increase		2005	2007
563407	2009	-72.7	2.5	0.6	5	Increase		2005	2007
563407	2010	-76.4	-3.7	0.1	6	Increase		2010	2007
563407	2011	-77.7	-1.3	-0.3	7	Decrease		2011	2007
563407	2012	-86.3	-8.6	-1.2	8	Decrease		2012	2007
563407	2013	-83.9	2.4	-1.3	9	Decrease		2012	2007
563407	2014	-84.3	-0.4	-1.4	10	Decrease		2012	2007
563407	2015	-85.3	-1.0	-1.4	11	Decrease	-1.3	2012	2007
563407	2016	-78.1	7.2	-1	12	Decrease	1.5	2012	2007
563407	2017	-73.1	5.0	-0.6	13	Decrease	2.8	2012	2007
563407	2018	-69.5	3.6	-0.2	14	Decrease	4.2	2012	2018
	2019	-74.4	-4.9	-0.1	15	Decrease	3	2012	2018

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HYDROGRAPHS

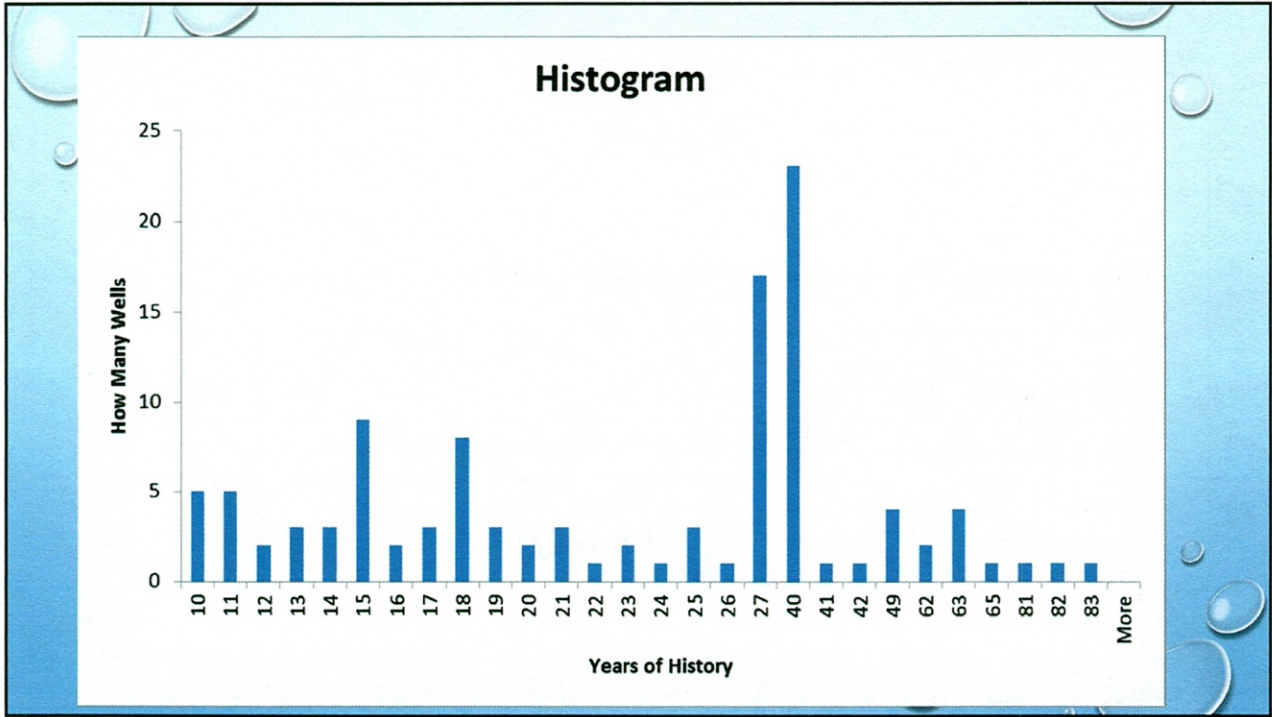


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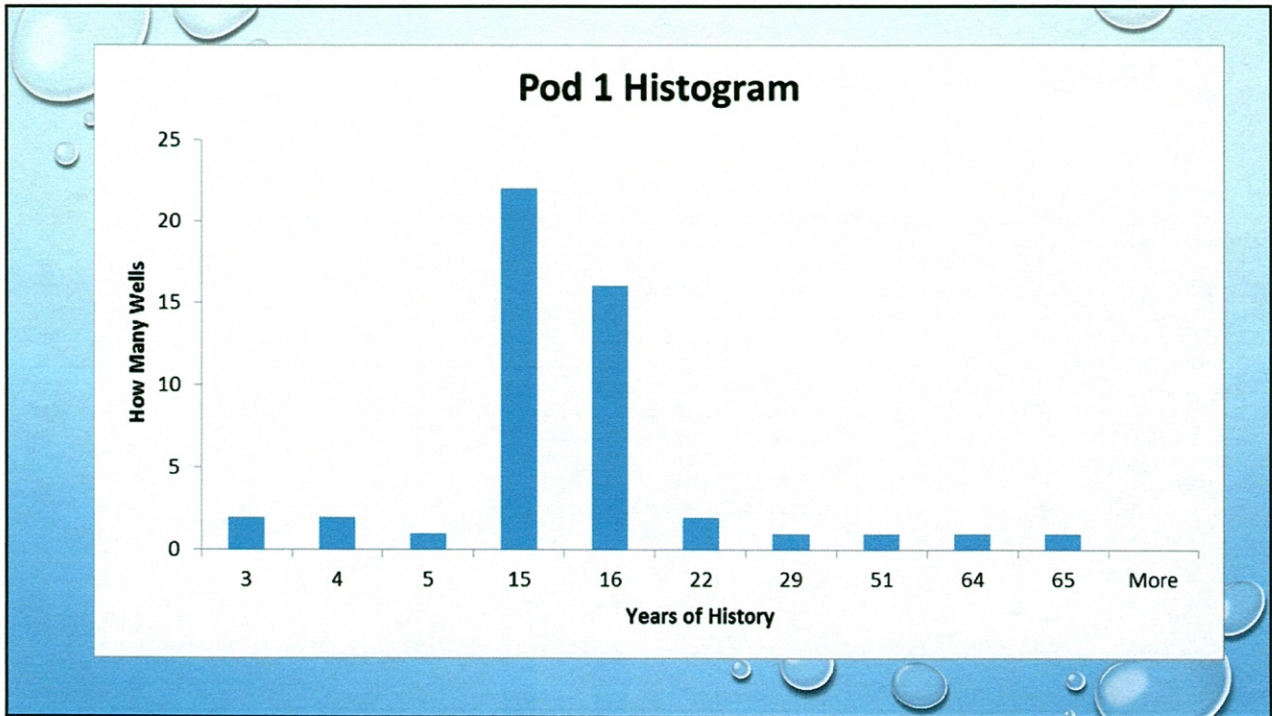
TREND ANALYSIS

Cnty	Lat_dec	Long_dec	District Well	Aquifer	Owner_1	MP	Last_MMT	Tape_MMT	Coll Calc	DT Date	Tech	Comments	Static Change	Trend, feet per year	Trend period, years	Trend Description	5 YR trend	Maximum Depth to Water	Minimum Depth to Water
75	34.72472	-100.38167	1221301	Blaine		2	138.5	XXX		1/16/2019	TT	dry to 199 dirt	-	-	-	-	-	-	2017
75	34.71167	-100.18778	1223206	Blaine	Frankie Glover	1.6	52	69		1/18/2019	DS		-16.8	-0.20	29	D	0.70	2012	2017
75	34.73222	-100.18222	1223210	Blaine	Pat Bouchelle		27	33.05		12/18/2018	DS		-6.1	-0.20	29	D	0.30	2010	1991
75			1223215	Blaine				nm					-	-	4	-	-	2016	2017
75	34.71722	-100.15611	1223307	Blaine	Joe Glover	1.1	79.5	81.54		12/20/2018	DS		-2.0	0.04	29	U	3.00	1992	2009
75	34.69431	-100.19914	1223505	Blaine	Keith Davis	2.4	62.8	72.2		1/10/2019	WWW		-9.4	-0.70	16	D	1.20	2013	2004
75	34.68278	-100.13578	1223611	Blaine	Campbell	2	80.8	87.5		1/10/2019	WWW		-6.7	0.40	9	U	2.40	2014	2018
75	34.67947	-100.13161	1223612	Blaine		0.5	85.6	88.4		1/10/2019	WWW		-2.8	0.90	9	U	1.90	2014	2018
75	34.71778	-100.12306	1224103	Blaine	Tony Cox	0.6	101.4	111.5		1/16/2019	TT		-10.0	-0.30	29	D	0.90	2014	1991
75	34.74131	-100.11793	1224105	Blaine	Charles Carter	0.4	120.6	132.3		1/16/2019	TT	corrected from	-11.7	-0.60	6	D	-2.20	2019	2017
75	34.71361	-100.06139	1224207	Blaine	H&R Farms	3	74.5	86		1/10/2019	WWW		-11.5	0.30	64	U	3.30	1971	2018
75	34.72972	-100.07528	1224212	Blaine	Covey Farms	0.2	34.5	47.1		1/16/2019	TT	confirm locate	-12.6	0.70	12	U	2.50	2014	2017

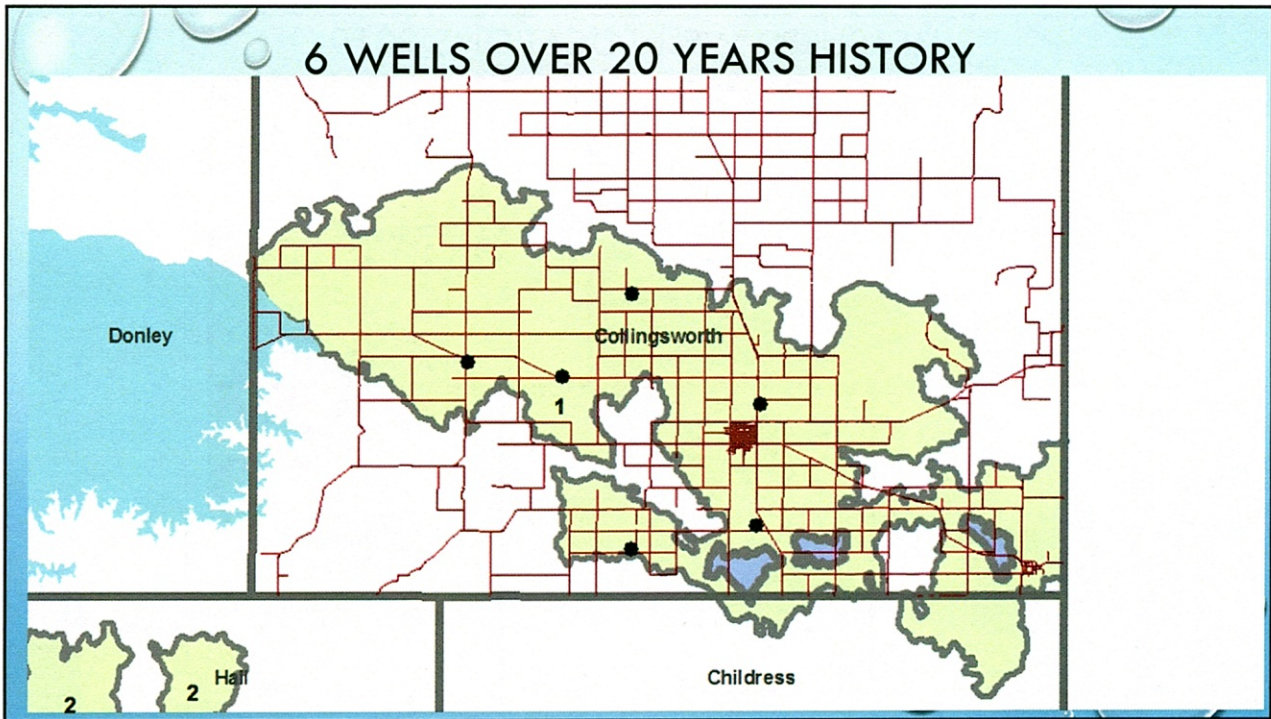
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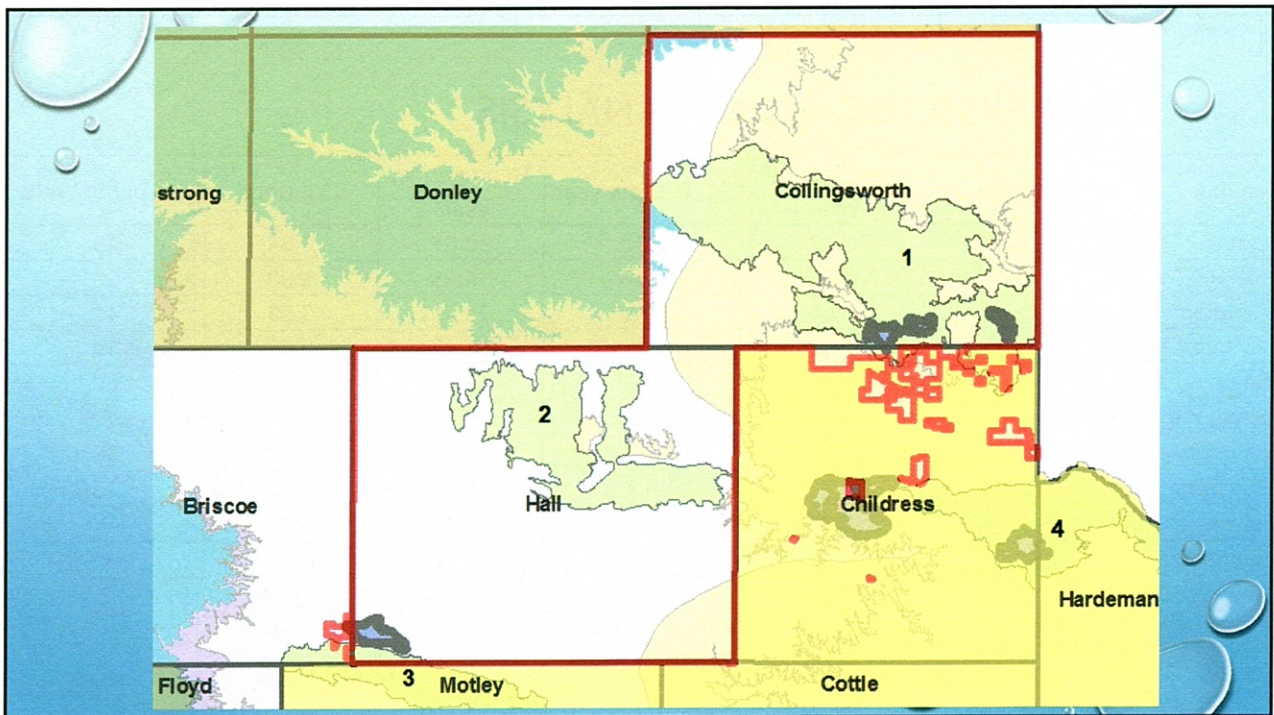
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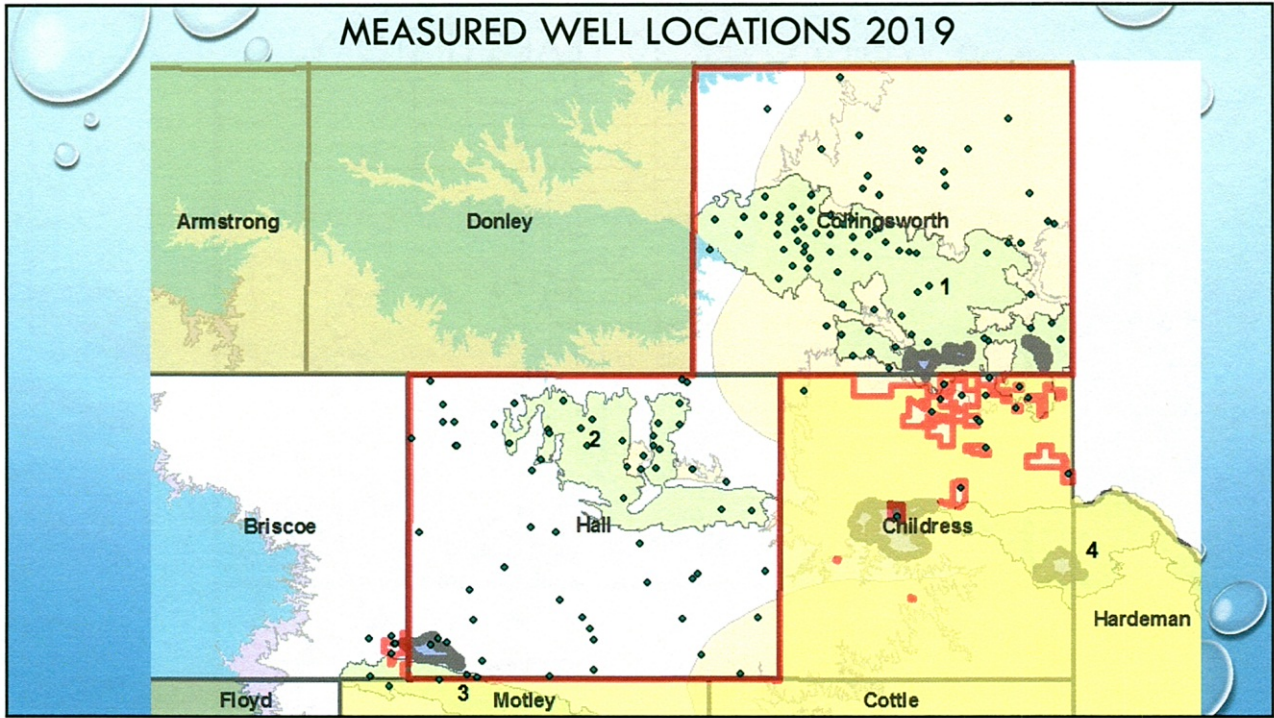
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2019 HISTORICAL DATA ANALYSIS

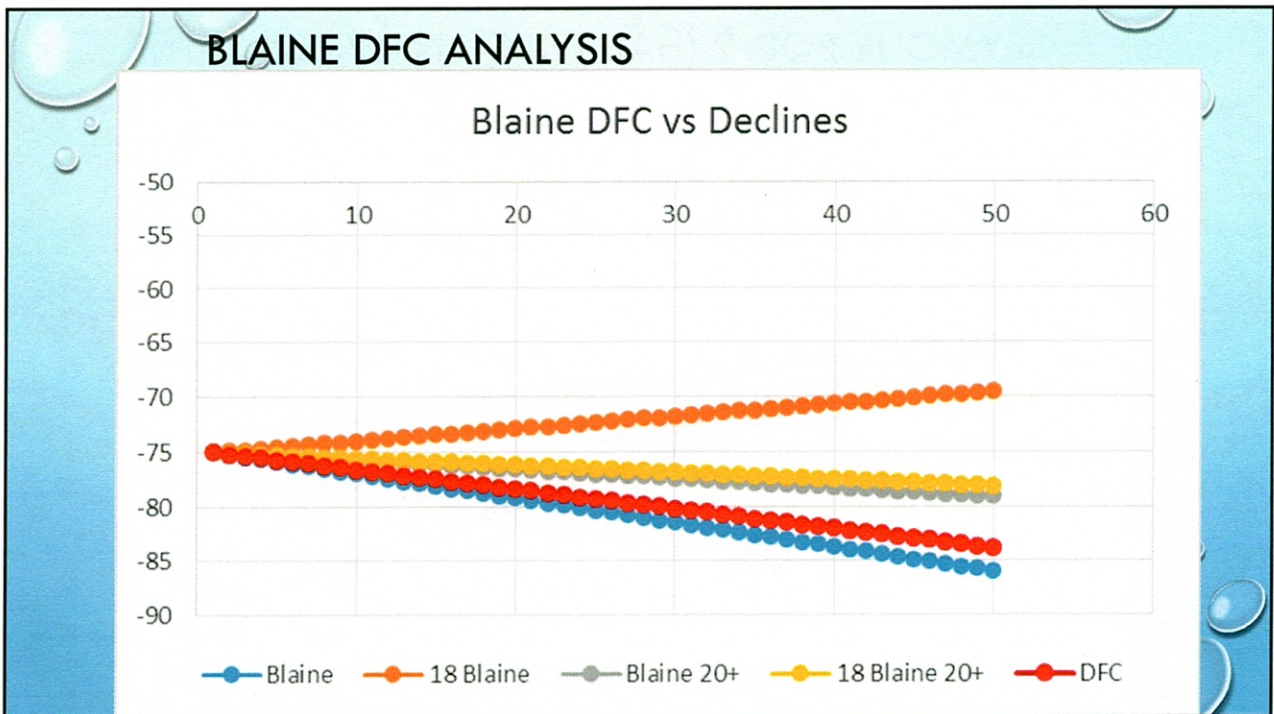
Aquifer	Static Change	Trend, feet per year	DFC, feet per year	Trend period, years	5 YR trend	Number of Wells
Blaine	-4.72	-0.22	-0.18	30.67	0.64	45
Blaine 20+	-6.60	-0.08	-0.18	56.25	1.00	20
Permian	-0.67	0.14	N/A	28.20	0.58	41
Permian 20+	-1.55	0.12	N/A	51.47	0.69	19
Seymour 1	-6.82	-1.28	-0.66	17.52	-1.14	50
Seymour 1 20+	-6.65	-0.73	-0.66	43.17	0.03	6
Seymour 1 15+	-6.09	-1.16	-0.66	20.09	-1.13	44
Seymour 2	-1.74	-0.81	-0.3	20.74	0.53	19
Seymour 2 20+	-2.06	-0.30	-0.3	41.43	0.73	7
Seymour 3	-2.08	-0.31	-0.3	40.50	-0.13	4
Seymour 3 20+	-3.07	-0.15	-0.3	50.33	-0.17	3

12

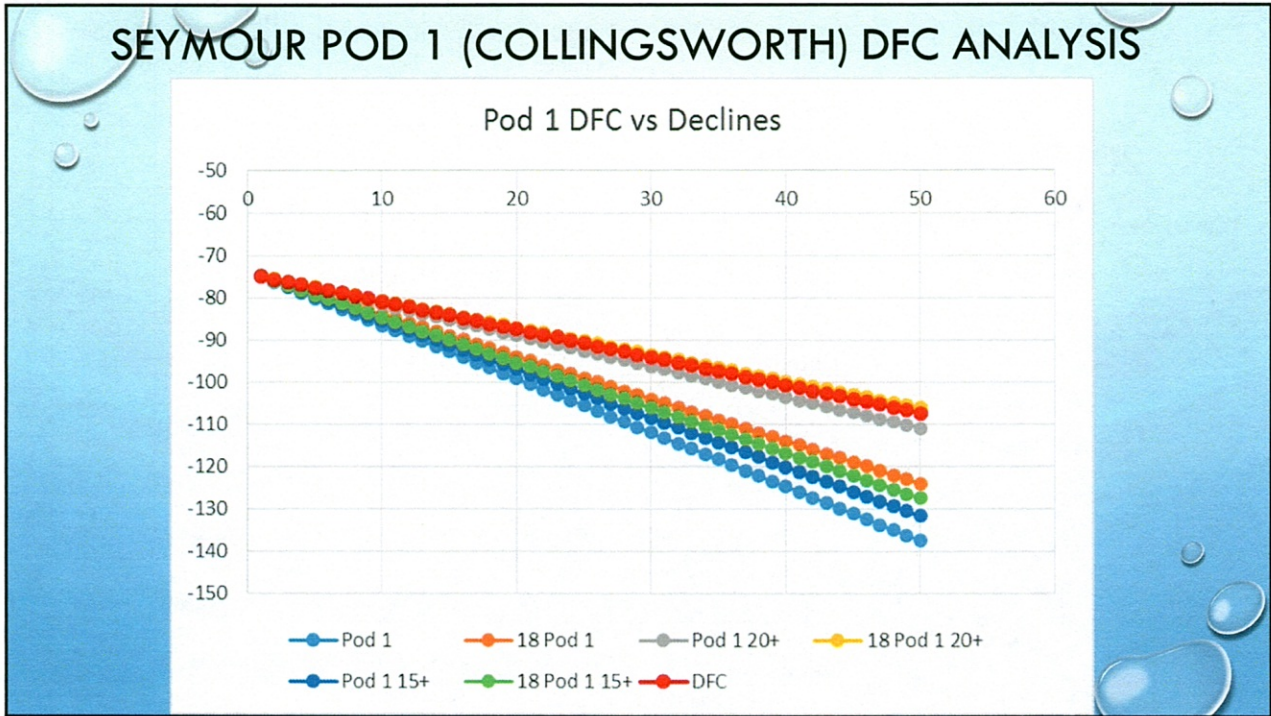
2018 – 2019 COMPARISON CHART

Aquifer	Static Change	Trend, feet per year	DFC, feet per year	Trend period, years	5 YR trend	Number of Wells
Blaine	-4.72	-0.22	-0.18	30.67	0.64	45
Blaine (2018)	-0.73	0.11	-0.18	30.75	2.43	48
Blaine 20+	-6.60	-0.08	-0.18	56.25	1.00	20
Blaine 20+ (2018)	-0.16	-0.06	-0.18	56.14	2.91	22
Permian	-0.67	0.14	N/A	28.20	0.58	41
Permian 20+	-1.55	0.12	N/A	51.47	0.69	19
Seymour 1	-6.82	-1.28	-0.66	17.52	-1.14	50
Seymour 1 (2018)	-2.58	-1.00	-0.66	17.5102	0.602	50
Seymour 1 20+	-6.65	-0.73	-0.66	43.17	0.03	6
Seymour 1 20+ (2018)	-2.5	-0.64	-0.66	42.17	1.87	6
Seymour 1 15+	-6.09	-1.16	-0.66	20.09	-1.13	44
Seymour 1 15+ (2018)	-2.67	-1.07	-0.66	19.07	0.62	45
Seymour 2	-1.74	-0.81	-0.3	20.74	0.53	19
Seymour 2 (2018)	-0.05	-0.63	-0.3	19.05	0.33	19
Seymour 2 20+	-2.06	-0.30	-0.3	41.43	0.73	7
Seymour 2 20+ (2018)	0.14	-0.29	-0.3	40.14	1.11	7
Seymour 3	-2.08	-0.31	-0.3	40.50	-0.13	4
Seymour 3 (2018)	0.78	-0.38	-0.3	39.00	0.38	4
Seymour 3 20+	-3.07	-0.15	-0.3	50.33	-0.17	3
Seymour 3 20+ (2018)	0.83	-0.23	-0.3	48.67	0.57	3

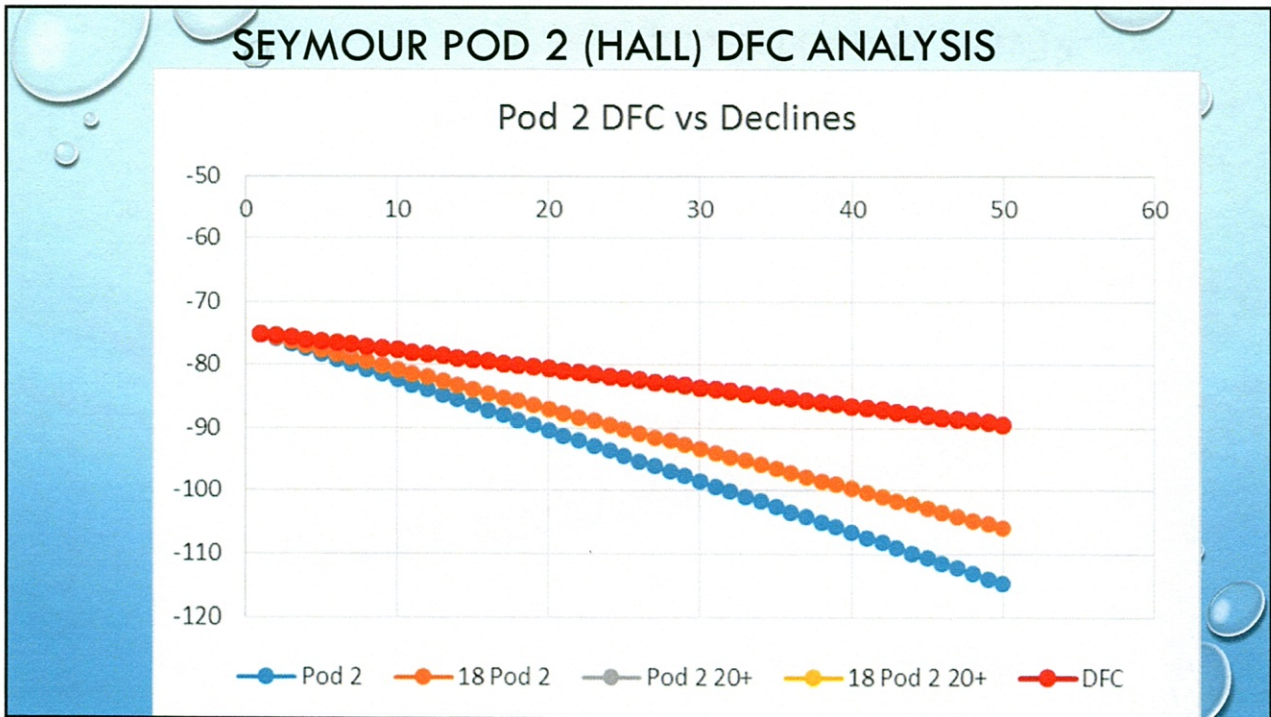
13



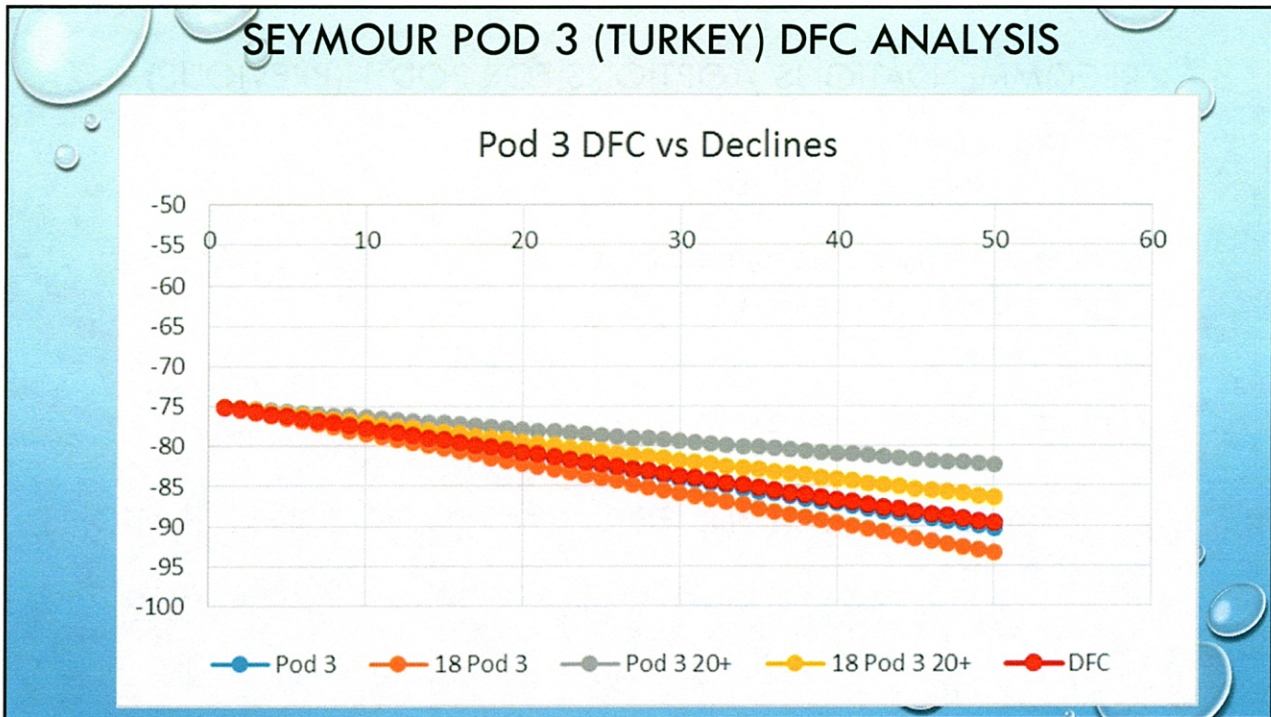
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15



16



17

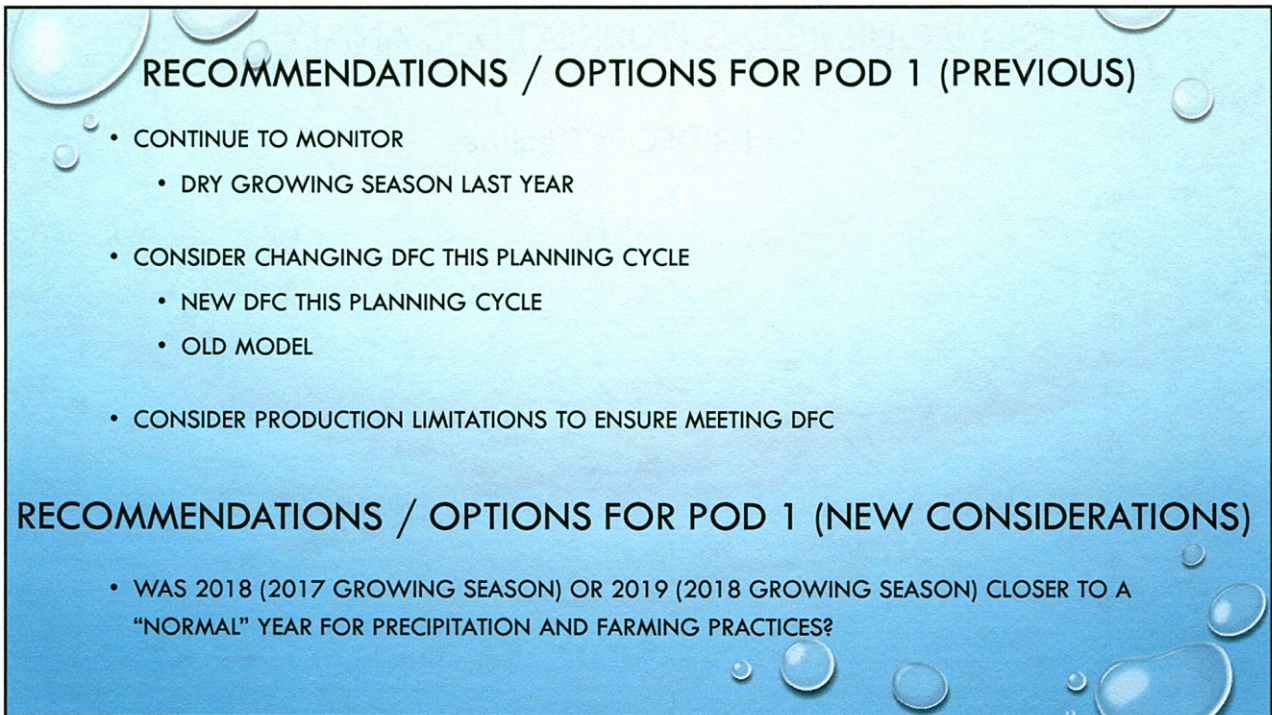
DFC ANALYSIS SUMMARY 2019

- GOOD DATA HISTORY AND CONTINUITY WITH THE EXCEPTION OF VARIABLE HISTORY LENGTH IN POD 1
- GOOD DATA COVERAGE
- CURRENTLY MEETING YOUR STATED DFC WITH POSSIBLE EMERGING ISSUES IN POD 1

DFC ANALYSIS SUMMARY 2018 VS 2019

- 2018 (2017 GROWING SEASON) DATA LOOKS MARGINALLY BETTER IN ALMOST EVERY AREA

18



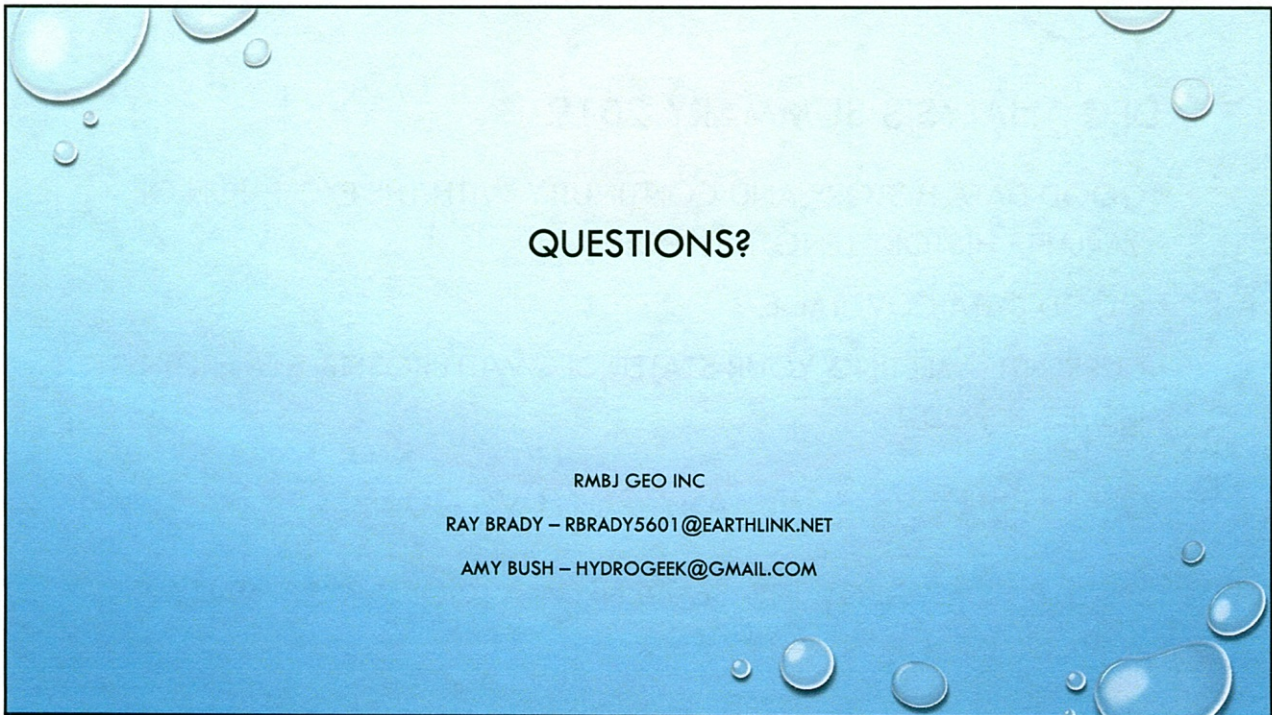
RECOMMENDATIONS / OPTIONS FOR POD 1 (PREVIOUS)

- CONTINUE TO MONITOR
 - DRY GROWING SEASON LAST YEAR
- CONSIDER CHANGING DFC THIS PLANNING CYCLE
 - NEW DFC THIS PLANNING CYCLE
 - OLD MODEL
- CONSIDER PRODUCTION LIMITATIONS TO ENSURE MEETING DFC

RECOMMENDATIONS / OPTIONS FOR POD 1 (NEW CONSIDERATIONS)

- WAS 2018 (2017 GROWING SEASON) OR 2019 (2018 GROWING SEASON) CLOSER TO A "NORMAL" YEAR FOR PRECIPITATION AND FARMING PRACTICES?

19



QUESTIONS?

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20

