# Texana Groundwater Conservation District

# Annual Report of the District

**Fiscal Year 2020 – 2021**
**October 1, 2020 to September 30, 2021**

**Adopted: April 21, 2022**

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**Section 1 - Review of management goals, objectives and performance standards of the District.**

The Management Plan of the District, as revised on May 17, 2018, specifies the method for tracking progress in achieving the goals of the District. The management plans states "staff of the DISTRICT will prepare and present an annual report to the Texana Groundwater Conservation Board of Directors regarding the DISTRICT's performance in achieving management goals and objectives for the fiscal year. The report will be presented within 120 days following the completion of the DISTRICT's fiscal year. The DISTRICT will maintain the report on file for public inspection at the District's offices upon adoption at a meeting of the Texana Groundwater Conservation Board of Directors."

Based on the review of the activities and projects of the Texana Groundwater Conservation District Management Plan between October 1, 2020 and September 30, 2021, the District has determined that all of the goals and associated objectives have been fully achieved the fiscal year ending September 30, 2021.

**Goal 1: Providing the most efficient use of groundwater – TWC §36.1071(a)(1) and 31 TAC 356.52(a)(1)(A)**

**Objective 1**: Develop and maintain a water well registration program for tracking well information for wells within Jackson County.

**Performance Standard**: Each year, the DISTRICT will summarize within the annual report the changes related to water well registration including the number of non-grandfathered and grandfathered wells registered.

The District provided for the efficient use of groundwater by maintaining a water well registration program for tracking well information for wells within Jackson County. The District registered 39 non-grandfathered wells and 10 grandfathered wells during the fiscal year.

**Achievement Level: FULL**

**Objective 2**: Develop and maintain a water well permitting program for processing and tracking all permits authorizing groundwater production.

**Performance Standard**: Each year, the DISTRICT will summarize within the annual report the changes related to water well permitting including the number of new applications and the disposition of the applications.

The District provided for the efficient use of groundwater by maintaining a water well permitting program for processing and tracking all permits authorizing groundwater production within Jackson County.

The District received 21 requests for production permits during the fiscal year; the District received 2 requests to amend existing production permits during the fiscal year; the District received 2 requests for production permit renewal during the fiscal year; the District issued 19 production permits during the fiscal year; the District issued 6 production permit amendments during the fiscal year; and the District issued 3 production permit renewals during the fiscal year.

The total volume of permitted groundwater production for the permits totals 140,364.37 acre-feet per year for non-aggregate production permits. The total volume of permitted groundwater production for the permits totals 25,868.03 acre-feet per year for aggregate production permits. (Note: volumes of groundwater production authorized under aggregate production permits and volumes of groundwater production authorized under non-aggregate production permits are not necessarily mutually exclusive.)

**Achievement Level: FULL**

**Goal 2: Controlling and preventing waste of groundwater** – TWC §36.1071(a)(2) and 31 TAC 356.52(a)(1)(B)

**Objective 1**: Develop and maintain a water well inspection program for non-exempt wells.

**Performance Standard**: Each year, the DISTRICT will summarize within the annual report the findings of the inspection activities including information regarding the number of wells that require improvement to control or prevent waste of groundwater.

The District addressed controlling and preventing waste of groundwater by maintaining a water well inspection program during the fiscal year. The District has performed 25 well inspections during the fiscal year. Of those wells inspected, none of wells require improvement to control or prevent waste of groundwater.

The District issued 68 Notices of Intent to Place Casing Receipts (NIPCRs) and observed casing placement for 5 wells.

**Achievement Level: FULL**

**Goal 3: Addressing conjunctive surface water management issues** – TWC §36.1071(a)(4) and 31 TAC 356.52(a)(1)(D)

**Objective 1**: Participate in the regional water planning process by attending at least one Lavaca Regional Water Planning Group (Region P) meeting per year.

**Performance Standard**: Each year, the DISTRICT will summarize within the annual report the representatives of the DISTRICT, dates, and the number of meetings of the Lavaca Regional Water Planning Group attended.

The District addressed conjunctive surface water management issues by, through the attendance of meetings by district directors, participating in the regional water planning process by attending at least one Lavaca Regional Water Planning Group (Region P) meeting during the fiscal year. Mr. Skalicky, Director and Board President, attended a meeting of the Lavaca Regional Water Planning Group (Region P) on October 19, 2020.

**Achievement Level: FULL**

**Goal 4: Addressing natural resource issues which impact the use and availability of groundwater, and which are impacted by the use of groundwater** – TWC §36.1071(a)(5) and 31 TAC §356.52(a)(1)(E)

**Objective 1**: Develop and maintain a water quality monitoring program.

**Performance Standard**: Each year, the DISTRICT will summarize within the annual report the monitoring activities including the number of wells monitored and the year-to-year change of water quality.

The District addressed natural resource issues which impact the use and availability of groundwater by maintaining a water quality monitoring program during the fiscal year. The District processed 91 separate water quality field measurements and 11 water quality lab measurements in the fiscal year. The District continues to collect valuable aquifer measurement to support the future assessment of water quality change on a county-wide basis.

The District maintained a continuous aquifer monitoring program in connection with waiver WV-20191219-01. The data collected during the fiscal year indicates that the water quality at the site, measured as conductivity, had significant declined. The average conductivity measured in the East - Lower Fresh Designated Aquifer Monitoring Well increased from a low of 1,880 µS/cm in December 2020 to a high of 2,945 µS/cm in September 2021. In accordance with the provisions of waiver WV-20191219-01, groundwater production curtailed in response to the change in water quality.

The District collected field measurements for total dissolved solids from 14 wells during year 2021. The average total dissolved solids field measurement in year 2020 was 3.602 g/L. The average total dissolved solids field measurement in year 2021 was 1.658 g/L. The change in total dissolved solids in wells measured in year 2020 and wells measured in year 2021 was -1,654 g/L. The change in total dissolved solids in wells measured in year 2020 and year 2021 was -0.172 g/L.

**Achievement Level: FULL**

**Goal 5: Addressing drought conditions** – TWC §36.1071(a)(6) and 31 TAC 356.52(a)(1)(F)

**Objective 1**: Collect and review drought condition information related to Jackson County and the surrounding region of Texas.

**Performance Standard**: Each year, the District will summarize within the annual report the drought condition information collected and reviewed.

The District addressed drought conditions by collecting and reviewing drought condition information related to Jackson County and the surrounding region of Texas by considering drought monitoring index information during meetings of the Board of Directors during the fiscal year. Drought condition information was reviewed at the meetings held on the following dates: January 21, 2021; March 15, 2021; May 20, 2021; July 15, 2021; and September 23, 2021.

**Achievement Level: FULL**

**Goal 6: Addressing conservation, recharge enhancement, rainwater harvesting, precipitation enhancement, or brush control, where appropriate and cost-effective** – TWC §36.1071(a)(7) and 31 TAC 356.52(a)(1)(G)

**Objective 1**: Promote conservation, rainwater harvesting or brush control within Jackson County.

**Performance Standard**: Each year, the DISTRICT will summarize within the annual report the activities directly related to conservation, rainwater harvesting or brush control including participation in scientific investigations and studies, educational materials developed and delivered to local schools, cooperative educational contributions and grants, public speaking events and presentations, community event participation, and educational publications.

The District addressed and promoted conservation, recharge enhancement, rainwater harvesting, precipitation enhancement, or brush control by updating the website of the District to include links to resources promoting rainwater harvesting, efficient use of groundwater, conjunctive use, subsidence prevention, brush management, and recharge enhancement.

**Achievement Level: FULL**

**Goal 7: Addressing the desired future conditions adopted by the district under Section 36.108** – TWC §36.1071(a)(8) and 31 TAC 356.52(a)(1)(H)

**Objective 1**: Develop and maintain a water level monitoring program.

**Performance Standard**: Each year, the DISTRICT will summarize within the annual report the water level monitoring activities including the number of wells monitored and the year-to-year change of water level.

The District addressed the desired future conditions adopted by the District by maintaining a water level monitoring program during the fiscal year. The District collected 121 water level measurements from water wells during the fiscal year.

Based on the data collected for water levels within the District, the water levels appear to have increased with a decrease of 1.5 feet in depth to water in wells measured in year 2020 to well measured in year 2021. The change in depth to water level for wells measured in year 2020 and year 2021 is -1.22 feet (i.e., a recovery of water levels).

**Achievement Level: FULL**

**Objective 2**: Analyze water level monitoring information to evaluate water level trends and determine the degree to which the DISTRICT is complying with the desired future conditions of Gulf Coast Aquifer in Jackson County.

**Performance Standard**: Each year, the DISTRICT will summarize within the annual report the water level trends and the conclusions regarding the DISTRICT's compliance with the desired future condition of the Gulf Coast Aquifer in Jackson County.

The water level data collected by the District does not indicate that the Desired Future Condition of the Gulf Coast Aquifer is not being achieved. The comparison of year 2000 water level measurements to 2020 water level measurements, conducted by Intera, Inc., indicates a water levels have recovered by approximately of 2.5 feet in the depth to water from year 2000 to year 2020.

**Achievement Level: FULL**

# Texana Groundwater Conservation District

# Annual Report of the District

**Fiscal Year 2020 – 2021**
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**Section 2 - Evidence of Achievement**

**Goal 1**: **Providing the most efficient use of groundwater** – TWC §36.1071(a)(1) and 31 TAC 356.52(a)(1)(A)

**Objective 1**: Develop and maintain a water well registration program for tracking well information for wells within Jackson County.

**Evidence of Achievement**: Water Well Registration Certificates created during FY2021.

Last Well Registration Certificates Created in FY2020

1. TGCD - GMa - Pe - Well Registration Certificates - WRC - NW-00515 - 20200904
2. TGCD - GMa - Pe - Well Registration Certificates - WRC - GW-00557 - 20200812

Last Well Registration Certificates Created in FY2021

1. TGCD - GMa - Pe - Well Registration Certificates - WRC - NW-00554 - 20210720
2. TGCD - GMa - Pe - Well Registration Certificates - WRC - GW-00567 - 20210823

**Objective 2:** Develop and maintain a water well permitting program for processing and tracking all permits authorizing groundwater production.

**Evidence of Achievement:** Production permit requests received in FY2021.

1. TGCD - GMa - PR - Production Permit Requests - AOW-20201008-01 - Robert McCurdy, II - Administratively Complete
2. TGCD - GMa - PR - Production Permit Requests - AOW-20201008-02 - Robert McCurdy, II - Administratively Complete
3. TGCD - GMa - PR - Production Permit Requests - AOW-20201008-03 - Robert McCurdy, II - Administratively Complete
4. TGCD - GMa - PR - Production Permit Requests - AOW-20201008-04 - Robert McCurdy, II - Administratively Complete
5. TGCD - GMa - PR - Production Permit Requests - AOW-20201008-05 - Robert McCurdy, II - Administratively Complete
6. TGCD - GMa - PR - Production Permit Requests - AOW-20201012-01 - Russell K. Ring - Administratively Complete
7. TGCD - GMa - PR - Production Permit Requests - AOW-20201028-02 - MS Henke Family Limted Partnership - Administratively Complete
8. TGCD - GMa - PR - Production Permit Requests - AOW-20201106-02 - HMC Land Trust - Administratively Complete
9. TGCD - GMa - PR - Production Permit Requests - AOW-20201124-02 - Koge TX, LLC - Administratively Complete

10. TGCD - GMa - PR - Production Permit Requests - AOW-20201202-01 - M.S. Henke Family Limited Partnership - Administratively Complete
11. TGCD - GMa - PR - Production Permit Requests - AOW-20201228-01 - Wraxall Holdings, LP - Administratively Complete
12. TGCD - GMa - PR - Production Permit Requests - AVW-20201020-03 - HMC Land Trust - Administratively Complete
13. TGCD - GMa - PR - Production Permit Requests - AOW-20210225-02 - Rolando and Maria Salazar. - Administratively Incomplete
14. TGCD - GMa - PR - Production Permit Requests - AOW-20210318-01 - Ernest F. Roth - Administratively Complete
15. TGCD - GMa - PR - Production Permit Requests - AOW-20210510-03 - Frances Byrne - Administratively Complete
16. TGCD - GMa - PR - Production Permit Requests - AOW-20210512-02 - Punta de Vista, LLC - Administratively Complete
17. TGCD - GMa - PR - Production Permit Requests - AOW-20210618-02 - Black Sheep Ag, LLC - Administratively Complete
18. TGCD - GMa - PR - Production Permit Requests - AOW-20210816-02 - La Ward Lodging and RV Park LLC - Administratively Complete
19. TGCD - GMa - PR - Production Permit Requests - AOW-20210817-03- Lavaca-Navidad River Authority - Administratively Complete
20. TGCD - GMa - PR - Production Permit Requests - AOW-20210831-02 - Julie K. and Donnie J. Mercer - Administratively Complete
21. TGCD - GMa - PR - Production Permit Requests - AOW-20210901-01 - Serenity RV Resort LP - Administratively Complete

**Evidence of Achievement:** Production permit amendment requests received in FY2021.

1. TGCD - GMa - PR - Amend Permit or Certificate Requests - AAPC-20210824-01 - Serenity RV Resort - OPW-20170306-02/NW-000422 - Administratively Complete
2. TGCD - GMa - PR - Amend Permit or Certificate Requests - AAPC-20210826-01 - Tommy Lee Hoyt Estate Trust,Rogers Hoyt, Jr. Individual and Trustee - VPW-20170420-01/VPW-20170420-05-09/GW-00295/GW-00369-GW-00373 - Administratively Complete

**Evidence of Achievement:** Production permit renewal requests received in FY2021.

1. TGCD - GMa - PR - Production Permit Renewal Requests - ARPP-20210422-01 - OPW-20170424-02 - Kinder Morgan Tejas Pipeline, LLC - Administratively Complete
2. TGCD - GMa - PR - Production Permit Renewal Requests - ARPP-20210525-01 - OPW-20180925-01 - Tennessee Gas Pipeline Company, LLC - Administratively Complete

**Evidence of Achievement:** Production permits approved in FY2021.

1. TGCD - GMa - Pe - Production Permits - OPW-20201125-02 - HMC Land Trust - Executed
2. TGCD - GMa - Pe - Production Permits - OPW-20210115-01 - Koge Tx, LLC - Executed
3. TGCD - GMa - Pe - Production Permits - OPW-20210121-01 - Dugger Family Limited Partnership - Approved
4. TGCD - GMa - Pe - Production Permits - OPW-20210121-02 - Russell K. Ring - Approved/Executed
5. TGCD - GMa - Pe - Production Permits - OPW-20210121-04 - M.S. Henke Family Limited Partnership - Executed
6. TGCD - GMa - Pe - Production Permits - OPW-20210121-05 - Robert McCurdy, II - Executed
7. TGCD - GMa - Pe - Production Permits - OPW-20210121-06 - Robert McCurdy, II - Executed
8. TGCD - GMa - Pe - Production Permits - OPW-20210121-07 - Robert McCurdy, II - Executed

9. TGCD - GMa - Pe - Production Permits - OPW-20210121-08 - Robert McCurdy, II - Executed
10. TGCD - GMa - Pe - Production Permits - OPW-20210121-09 - Robert McCurdy, II - Executed
11. TGCD - GMa - Pe - Production Permits - OPW-20210121-10 - Wraxall Holdings, LP - Approved
12. TGCD - GMa - Pe - Production Permits - OPW-20210415-01 - Ernest F. Roth - Executed
13. TGCD - GMa - Pe - Production Permits - OPW-20210601-02 - Frances Byrne - Executed
14. TGCD - GMa - Pe - Production Permits - OPW-20210715-01 - Punta de Vista, LLC - Executed
15. TGCD - GMa - Pe - Production Permits - OPW-20210715-02 - Black Sheep Ag LLC - Approved
16. TGCD - GMa - Pe - Production Permits - OPW-20210927-01 - La Ward Lodging and RV Park, LLC - Approved/Unexecuted
17. TGCD - GMa - Pe - Production Permits - OPW-20210929-02 - Lavaca-Navidad River Authority - Approved
18. TGCD - GMa - Pe - Production Permits - OPW-20210929-03 - Julie K. and Donnie J. Mercer - Approved
19. TGCD - GMa - Pe - Production Permits - VPW-20210121-03 - HMC Land Trust - Executed

**Evidence of Achievement:** Production permits amendments approved in FY2021.

1. TGCD - GMa - Pe - Production Permits - PPA-20210916-01 - Tommy Lee Hoyt Estate Trust, Rogers Hoyt, Jr., Individual and Trustee - Approved/Unexecuted
2. TGCD - GMa - Pe - Production Permits - PPA-20210916-02 - Tommy Lee Hoyt Estate Trust, Rogers Hoyt, Jr., Individual and Trustee - Approved/Unexecuted
3. TGCD - GMa - Pe - Production Permits - PPA-20210916-03 - Tommy Lee Hoyt Estate Trust, Rogers Hoyt, Jr., Individual and Trustee - Approved/Unexecuted
4. TGCD - GMa - Pe - Production Permits - PPA-20210916-04 - Tommy Lee Hoyt Estate Trust, Rogers Hoyt, Jr., Individual and Trustee - Approved/Unexecuted
5. TGCD - GMa - Pe - Production Permits - PPA-20210916-05 - Tommy Lee Hoyt Estate Trust, Rogers Hoyt, Jr., Individual and Trustee - Approved/Unexecuted
6. TGCD - GMa - Pe - Production Permits - PPA-20210916-06 - Tommy Lee Hoyt Estate Trust, Rogers Hoyt, Jr., Individual and Trustee - Approved/Unexecuted

**Evidence of Achievement:** Production permits renewals approved in FY2021.

1. TGCD - GMa - Pe - Production Permit Renewal - OPWR-20210715-03 - OPW-20170424-02 - Kinder Morgan Tejas Pipeline, LLC - Approved/Unexecuted
2. TGCD - GMa - Pe - Production Permit Renewal - OPWR-20210715-04 - OPW-20180925-01 - Tennessee Gas Pipeline Company, LLC - Executed
3. TGCD - GMa - Pe - Production Permit Renewal - OPWR-20210819-01 - OPW-20170515-01 - Vanderbilt Farmers Co-op, Inc - Approved/Unexecuted

**Goal 2: Controlling and preventing waste of groundwater– TWC §36.1071(a)(2) and 31 TAC 356.52(a)(1)(B)**

**Objective 1:** Develop and maintain a water well inspection program for non-exempt wells.

**Evidence of Achievement:** Well Inspections completed in FY2021.

1. TGCD - GP - Insp - Well Inspections - WIF-20201102-01 - East UB-DAMW - NW-00487
2. TGCD - GP - Insp - Well Inspections - WIF-20201102-02 - East LF-DAMW - NW-00488
3. TGCD - GP - Insp - Well Inspections - WIF-20201102-03 - Center UB-DAMW - NW-00489
4. TGCD - GP - Insp - Well Inspections - WIF-20201102-04 - Center LF-DAMW - NW-00490

5. TGCD - GP - Insp - Well Inspections - WIF-20201102-05 - West UB-DAMW - NW-00491
6. TGCD - GP - Insp - Well Inspections - WIF-20201102-06 - West LF-DAMW - NW-00492
7. TGCD - GP - Insp - Well Inspections - WIF-20210209-01 - Melissa Gonzales
8. TGCD - GP - Insp - Well Inspections - WIF-20210312-01 - NW-00195 - Front Well
9. TGCD - GP - Insp - Well Inspections - WIF-20210312-02 - NW-00310
10. TGCD - GP - Insp - Well Inspections - WIF-20210312-03 - GW-00278
11. TGCD - GP - Insp - Well Inspections - WIF-20210312-04 - GW-00244 - Silo Well
12. TGCD - GP - Insp - Well Inspections - WIF-20210315-01 - GW-00251 - Barn Well
13. TGCD - GP - Insp - Well Inspections - WIF-20210315-02 - GW-00247 - Cattle Well
14. TGCD - GP - Insp - Well Inspections - WIF-20210316-01 - NW-00451
15. TGCD - GP - Insp - Well Inspections - WIF-20210428-01 - NW-00529
16. TGCD - GP - Insp - Well Inspections - WIF-20210721-01 - GW-00166 - West Ranch Monitoring Project
17. TGCD - GP - Insp - Well Inspections - WIF-20210721-02 - GW-00169 - West Ranch Monitoring Project
18. TGCD - GP - Insp - Well Inspections - WIF-20210721-03 - GW-00159 - West Ranch Monitoring Project
19. TGCD - GP - Insp - Well Inspections - WIF-20210721-04 - GW-00162 - West Ranch Monitoring Project
20. TGCD - GP - Insp - Well Inspections - WIF-20210721-05 - GW-00140 - West Ranch Monitoring Project
21. TGCD - GP - Insp - Well Inspections - WIF-20210721-06 - GW-00161 - West Ranch Monitoring Project
22. TGCD - GP - Insp - Well Inspections - WIF-20210721-07 - GW-00158 - West Ranch Monitoring Project
23. TGCD - GP - Insp - Well Inspections - WIF-20210722-01 - GW-00338 - West Ranch Monitoring Project
24. TGCD - GP - Insp - Well Inspections - WIF-20210726-01 - GW-00157 - West Ranch Monitoring Project
25. TGCD - GP - Insp - Well Inspections - WIF-20210805-01 - GW-00030 - West Ranch Monitoring Project

**Evidence of Achievement:** Notices of Intent to Place Casing (NIPCRs) issued in FY2021.

1. First NIPCR issued in the fiscal year: TGCD - GP - Insp - Permitting Receipts - NIPCR-000306 - DP-20200817-01- Shaun J. Garza - Inspected: No
2. Last NIPCR issued in the fiscal year: TGCD - GP - Insp - Permitting Receipts - NIPCR-000374 - DP-20210805-01 - Dan Martino - Inspected: No

**Evidence of Achievement:** Notices of Intent to Place Casing (NIPCRs) issued in FY2021 and site visited.

1. TGCD - GP - Insp - Permitting Receipts - NIPCR-000307 - DP-20200819-02 - Shane and Jill Sklar - Inspected: Yes
2. TGCD - GP - Insp - Permitting Receipts - NIPCR-000318 - DP-20201019-01 - Kyle and Marissa Stignani - Inspected: Yes
3. TGCD - GP - Insp - Permitting Receipts - NIPCR-000326 - DP-20200521-01 - Ekstrom Aquaculture, LLC - Inspected: Yes
4. TGCD - GP - Insp - Permitting Receipts - NIPCR-000359 - DP-20210115-01 - Lavaca-Navidad River Authority - Inspected: Yes
5. TGCD - GP - Insp - Permitting Receipts - NIPCR-000367 - DP-20210513-01 - Joe and Denise Chaney - Inspected: Yes

**Goal 3: Addressing conjunctive surface water management issues**

**Objective 1:** Participate in the regional water planning process by attending at least one Lavaca Regional Water Planning Group (Region P) meeting per year.

**Evidence of Achievement:** Minutes of Meetings of the Lavaca Regional Water Planning Group

Source: http://lnra.org/water/lavaca-regional-water-planning-group
Source: https://www.lnra.org/meeting-minutes/

TGCD- Lavaca RWPG - Meeting Minutes for October 19, 2020.pdf


**Goal 4: Addressing natural resource issues which impact the use and availability of groundwater, and which are impacted by the use of groundwater – TWC §36.1071(a)(5) and 31 TAC §356.52(a)(1)(E)**

**Objective 1:** Develop and maintain a water quality monitoring program.

**Evidence of Achievement:** Water Quality Field Measurements collected in FY2021.

1. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20201001.0945 - East UB-DAMW - NW-00487
2. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20201001.0955 - East LF-DAMW - NW-00488
3. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20201001.1015 - Center UB-DAMW - NW-00489
4. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20201001.1025 - Center LF-DAMW - NW-00490
5. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20201001.1056 - West UB-DAMW - NW-00491
6. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20201001.1110 - West LF-DAMW - NW-00492
7. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20201102.0958 - East UB-DAMW - NW-00487
8. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20201102.1008 - East LF-DAMW - NW-00488
9. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20201102.1033 - Center UB-DAMW - NW-00489
10. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20201102.1046 - Center LF-DAMW - NW-00490
11. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20201102.1110 - West UB-DAMW - NW-00491
12. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20201102.1122 - West LF-DAMW - NW-00492
13. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20201201.0956 - East UB-DAMW - NW-00487
14. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20201201.1012 - East LF-DAMW - NW-00488
15. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20201201.1022 - Center UB-DAMW - NW-00489
16. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20201201.1044 - Center LF-DAMW - NW-00490
17. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20201201.1108 - West UB-DAMW - NW-00491

18. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20201201.1124 - West LF-DAMW - NW-00492
19. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20201230.0950 - East UB-DAMW - NW-00487
20. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20201230.1000 - East LF-DAMW - NW-00488
21. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20201230.1025 - Center UB-DAMW - NW-00489
22. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20201230.1036 - Center LF-DAMW - NW-00490
23. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20201230.1114 - West UB-DAMW - NW-00491
24. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20201230.1125 - West LF-DAMW - NW-00492
25. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210202.0950 - East UB-DAMW - NW-00487
26. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210202.0959 - East LF-DAMW - NW-00488
27. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210202.1018 - Center UB-DAMW - NW-00489
28. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210202.1028 - Center LF-DAMW - NW-00490
29. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210202.1050 - West UB-DAMW - NW-00491
30. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210202.1105 - West LF-DAMW - NW-00492
31. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210305.0955 - East UB-DAMW - NW-00487
32. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210305.1010 - East LF-DAMW - NW-00488
33. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210305.1030 - Center UB-DAMW - NW-00489
34. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210305.1039 - Center LF-DAMW - NW-00490
35. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210305.1059 - West UB-DAMW - NW-00491
36. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210305.1110 - West LF-DAMW - NW-00492
37. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210401.1008 - East UB-DAMW - NW-00487
38. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210401.1019 - East LF-DAMW - NW-00488
39. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210401.1044 - Center UB-DAMW - NW-00489
40. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210401.1051 - Center LF-DAMW - NW-00490
41. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210401.1120 - West UB-DAMW - NW-00491
42. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210401.1130 - West LF-DAMW - NW-00492
43. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210503.1010 - East UB-DAMW - NW-00487
44. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210503.1020 - East LF-DAMW - NW-00488
45. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210503.1041 - Center UB-DAMW - NW-00489
46. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210503.1051 - Center LF-DAMW - NW-00490

47. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210503.1112 - West UB-DAMW - NW-00491
48. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210503.1121 - West LF-DAMW - NW-00492
49. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210507.1050 - East LF-DAMW - NW-00488
50. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210507.1050- East LF-DAMW - NW-00488
51. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210507.1252 - East LF-DAMW - NW-00488
52. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210601.1000 - East UB-DAMW - NW-00487
53. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210601.1010 - East LF-DAMW - NW-00488
54. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210601.1034 - Center UB-DAMW - NW-00489
55. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210601.1046 - Center LF-DAMW - NW-00490
56. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210601.1112 - West UB-DAMW - NW-00491
57. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210601.1124 - West LF-DAMW - NW-00492
58. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210701.0948 - East UB-DAMW - NW-00487
59. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210701.0958 - East LF-DAMW - NW-00488
60. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210701.1025 - Center UB-DAMW - NW-00489
61. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210701.1035 - Center LF-DAMW - NW-00490
62. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210701.1059 - West UB-DAMW - NW-00491
63. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210701.1109 - West LF-DAMW - NW-00492
64. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210721.0932 - GW-00166 - West Ranch Monitoring Project
65. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210721.0959 - GW-00169 - West Ranch Monitoring Project
66. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210721.1039 - GW-00159 - West Ranch Monitoring Project
67. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210721.1111 - GW-00162 - West Ranch Monitoring Project
68. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210721.1141 - GW-00140 - West Ranch Monitoring Project
69. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210721.1212 - GW-00161 - West Ranch Monitoring Project
70. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210721.1237 - GW-00158 - West Ranch Monitoring Project
71. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210722.1028 - GW-00566
72. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210722.1156 - GW-00338 - West Ranch Monitoring Project
73. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210726.1340 - GW-00157 - West Ranch Monitoring Project
74. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210802.0950 - East UB-DAMW - NW-00487
75. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210802.1001 - East LF-DAMW - NW-00488

76. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210802.1024 - Center UB-DAMW - NW-00489
77. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210802.1032 - Center LF-DAMW - NW-00490
78. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210802.1101 - West UB-DAMW - NW-00491
79. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210802.1115 - West LF-DAMW - NW-00492
80. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210805.1205 - GW-00030 - West Ranch Monitoring Project
81. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210816.1117 - GW-00562
82. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210816.1145 - GW-00090
83. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210816.1237 - NW-00451
84. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210816.1332 - GW-00566
85. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210817.1324 - GW-00251
86. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210901.0950 - East UB-DAMW - NW-00487
87. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210901.1001 - East LF-DAMW - NW-00488
88. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210901.1024 - Center UB-DAMW - NW-00489
89. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210901.1032 - Center LF-DAMW - NW-00490
90. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210901.1101 - West UB-DAMW - NW-00491
91. TGCD - GMo - Mea - Water Quality Field Measurement - WQFM-20210901.1115 - West LF-DAMW - NW-00492

**Evidence of Achievement:** Water Quality Lab Reports received in FY2021.

1. TGCD - GMo - Mea - Water Quality Lab Report - WQLR-20210507.0100 - East LF-DAMW - NW-00488
2. TGCD - GMo - Mea - Water Quality Lab Report - WQLR-20210721.0950 - GW-00166 - West Ranch Monitoring Project
3. TGCD - GMo - Mea - Water Quality Lab Report - WQLR-20210721.1017 - GW-00169 - West Ranch Monitoring Project
4. TGCD - GMo - Mea - Water Quality Lab Report - WQLR-20210721.1056 - GW-00159 - West Ranch Monitoring Project
5. TGCD - GMo - Mea - Water Quality Lab Report - WQLR-20210721.1129 - GW-00162 - West Ranch Monitoring Project
6. TGCD - GMo - Mea - Water Quality Lab Report - WQLR-20210721.1159 - GW-00140 - West Ranch Monitoring Project
7. TGCD - GMo - Mea - Water Quality Lab Report - WQLR-20210721.1226 - GW-00161 - West Ranch Monitoring Project
8. TGCD - GMo - Mea - Water Quality Lab Report - WQLR-20210721.1255 - GW-00158 - West Ranch Monitoring Project
9. TGCD - GMo - Mea - Water Quality Lab Report - WQLR-20210722.1314 - GW-00338 - West Ranch Monitoring Project
10. TGCD - GMo - Mea - Water Quality Lab Report - WQLR-20210726.1521 - GW-00157 - West Ranch Monitoring Project

11. TGCD - GMo - Mea - Water Quality Lab Report - WQLR-20210805.1657 - GW-00030 - West Ranch Monitoring Project

**Evidence of Achievement:** Water Quality Lab Measurements recorded in FY2021.

1. TGCD - GMo - Mea - Water Quality Lab Measurement - WQLM-20210507.0100 - East LF-DAMW - NW-00488
2. TGCD - GMo - Mea - Water Quality Lab Measurement - WQLM-20210721.0950 - GW-00166 - West Ranch Monitoring Project
3. TGCD - GMo - Mea - Water Quality Lab Measurement - WQLM-20210721.1017 - GW-00169 - West Ranch Monitoring Project
4. TGCD - GMo - Mea - Water Quality Lab Measurement - WQLM-20210721.1056 - GW-00159 - West Ranch Monitoring Project
5. TGCD - GMo - Mea - Water Quality Lab Measurement - WQLM-20210721.1129 - GW-00162 - West Ranch Monitoring Project
6. TGCD - GMo - Mea - Water Quality Lab Measurement - WQLM-20210721.1159 - GW-00140 - West Ranch Monitoring Project
7. TGCD - GMo - Mea - Water Quality Lab Measurement - WQLM-20210721.1226 - GW-00161 - West Ranch Monitoring Project
8. TGCD - GMo - Mea - Water Quality Lab Measurement - WQLM-20210721.1255 - GW-00158 - West Ranch Monitoring Project
9. TGCD - GMo - Mea - Water Quality Lab Measurement - WQLM-20210722.1159 - GW-00338 - West Ranch Monitoring Project
10. TGCD - GMo - Mea - Water Quality Lab Measurement - WQLM-20210726.1400 - GW-00157 - West Ranch Monitoring Project
11. TGCD - GMo - Mea - Water Quality Lab Measurement - WQLM-20210805-01 - GW-00030 - West Ranch Monitoring Project

TGCD - GMa - Pe - Permit Reports - PR-20201231-01 - WV-20191219-01 - Ekstrom Aquaculture - CY2020M12 - Submitted/Unsigned

Texana GCD Report 12.31.20.pdf


TGCD - GMa - Pe - Permit Reports - PR-20211201-01 - WV-20191219-01 - Ekstrom Aquaculture - CY2021M12 - Submitted/Unsigned

Texana GCD Report 12.31.2021.pdf


TGCD - Field TDS Values - 20220209.pdf


**Goal 5: Addressing drought conditions – TWC §36.1071(a)(6) and 31 TAC 356.52(a)(1)(F)**

**Objective 1:** Collect and review drought condition information related to Jackson County and the surrounding region of Texas.

**Evidence of Achievement:** Meeting Minutes with drought condition considered in FY2021.

1. TGCD - Adm - MM - Meeting Minutes - 20210121
2. TGCD - Adm - MM - Meeting Minutes - 20210415
3. TGCD - Adm - MM - Meeting Minutes - 20210520
4. TGCD - Adm - MM - Meeting Minutes - 20210715
5. TGCD - Adm - MM - Meeting Minutes - 20210923

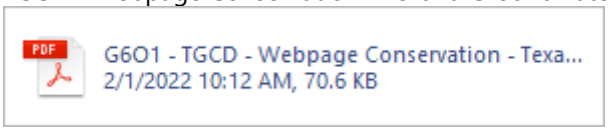
**Goal 6: Addressing conservation, recharge enhancement, rainwater harvesting, precipitation enhancement, or brush control, where appropriate and cost-effective – TWC §36.1071(a)(7) and 31 TAC 356.52(a)(1)(G)**

**Objective 1:** Promote conservation, rainwater harvesting or brush control within Jackson County.

**Evidence of Achievement:** Meeting Minutes with promotion of groundwater conservation considered and website promotion of groundwater conservation in FY2021.

1. TGCD - Adm - MM - Meeting Minutes - 20210121
2. TGCD - Adm - MM - Meeting Minutes - 20210415

TGCD - Webpage Conservation - Texana Groundwater Conservation District - 20220201.pdf




**Goal 7: Addressing the desired future conditions adopted by the district under Section 36.108– TWC §36.1071(a)(8) and 31 TAC 356.52(a)(1)(H)**

**Objective 1:** Develop and maintain a water level monitoring program.

**Evidence of Achievement:** Water Level Measurements collected during FY2021.

1. TGCD - GMo - Mea - Water Level - WLM-20201001-01 - East UB-DAMW - NW-00487
2. TGCD - GMo - Mea - Water Level - WLM-20201001-02 - East LF-DAMW - NW-00488
3. TGCD - GMo - Mea - Water Level - WLM-20201001-03 - Center UB-DAMW - NW-00489
4. TGCD - GMo - Mea - Water Level - WLM-20201001-04 - Center LF-DAMW - NW-00490
5. TGCD - GMo - Mea - Water Level - WLM-20201001-05 - West UB-DAMW - NW-00491
6. TGCD - GMo - Mea - Water Level - WLM-20201001-06 - West LF-DAMW - NW-00492
7. TGCD - GMo - Mea - Water Level - WLM-20201102-01 - East UB-DAMW - NW-00487
8. TGCD - GMo - Mea - Water Level - WLM-20201102-02 - East LF-DAMW - NW-00488
9. TGCD - GMo - Mea - Water Level - WLM-20201102-03 - Center UB-DAMW - NW-00489
10. TGCD - GMo - Mea - Water Level - WLM-20201102-04 - Center LF-DAMW - NW-00490
11. TGCD - GMo - Mea - Water Level - WLM-20201102-05 - West UB-DAMW - NW-00491
12. TGCD - GMo - Mea - Water Level - WLM-20201102-06 - West LF-DAMW - NW-00492
13. TGCD - GMo - Mea - Water Level - WLM-20201201-01 - East UB-DAMW - NW-00487
14. TGCD - GMo - Mea - Water Level - WLM-20201201-02 - East LF-DAMW - NW-00488
15. TGCD - GMo - Mea - Water Level - WLM-20201201-03 - Center UB-DAMW - NW-00489
16. TGCD - GMo - Mea - Water Level - WLM-20201201-04 - Center LF-DAMW - NW-00490
17. TGCD - GMo - Mea - Water Level - WLM-20201201-05 - West UB-DAMW - NW-00491
18. TGCD - GMo - Mea - Water Level - WLM-20201201-06 - West LF-DAMW - NW-00492
19. TGCD - GMo - Mea - Water Level - WLM-20201230-01 - East UB-DAMW - NW-00487
20. TGCD - GMo - Mea - Water Level - WLM-20201230-02 - East LF-DAMW - NW-00488
21. TGCD - GMo - Mea - Water Level - WLM-20201230-03 - Center UB-DAMW - NW-00489
22. TGCD - GMo - Mea - Water Level - WLM-20201230-04 - Center LF-DAMW - NW-00490

23. TGCD - GMo - Mea - Water Level - WLM-20201230-05 - West UB-DAMW - NW-00491
24. TGCD - GMo - Mea - Water Level - WLM-20201230-06 - West LF-DAMW - NW-00492
25. TGCD - GMo - Mea - Water Level - WLM-20210202-01 - East UB-DAMW - NW-00487
26. TGCD - GMo - Mea - Water Level - WLM-20210202-02 - East LF-DAMW - NW-00488
27. TGCD - GMo - Mea - Water Level - WLM-20210202-03 - Center UB-DAMW - NW-00489
28. TGCD - GMo - Mea - Water Level - WLM-20210202-04 - Center LF-DAMW - NW-00490
29. TGCD - GMo - Mea - Water Level - WLM-20210202-05 - West UB-DAMW - NW-00491
30. TGCD - GMo - Mea - Water Level - WLM-20210202-06 - West LF-DAMW - NW-00492
31. TGCD - GMo - Mea - Water Level - WLM-20210305-01 - East UB-DAMW - NW-00487
32. TGCD - GMo - Mea - Water Level - WLM-20210305-02 - East LF-DAMW - NW-00488
33. TGCD - GMo - Mea - Water Level - WLM-20210305-03 - Center UB-DAMW - NW-00489
34. TGCD - GMo - Mea - Water Level - WLM-20210305-04 - Center LF-DAMW - NW-00490
35. TGCD - GMo - Mea - Water Level - WLM-20210305-05 - West UB-DAMW - NW-00491
36. TGCD - GMo - Mea - Water Level - WLM-20210305-06 - West LF-DAMW - NW-00492
37. TGCD - GMo - Mea - Water Level - WLM-20210312-01 - NW-00195 - Front Well
38. TGCD - GMo - Mea - Water Level - WLM-20210312-02 - GW-00411 - Middle Well
39. TGCD - GMo - Mea - Water Level - WLM-20210312-03 - GW-00410 - Back Well
40. TGCD - GMo - Mea - Water Level - WLM-20210312-04 - NW-00310
41. TGCD - GMo - Mea - Water Level - WLM-20210312-05 - GW-00320
42. TGCD - GMo - Mea - Water Level - WLM-20210312-06 - GW-00274
43. TGCD - GMo - Mea - Water Level - WLM-20210312-07 - GW-00278
44. TGCD - GMo - Mea - Water Level - WLM-20210312-08 - GW-00244 - Silo Well
45. TGCD - GMo - Mea - Water Level - WLM-20210315-01 - GW-00251 - Barn Well
46. TGCD - GMo - Mea - Water Level - WLM-20210315-02 - GW-00247 - Cattle Well
47. TGCD - GMo - Mea - Water Level - WLM-20210315-03 - GW-00285
48. TGCD - GMo - Mea - Water Level - WLM-20210315-04 - GW-00284 - Silos Well
49. TGCD - GMo - Mea - Water Level - WLM-20210315-05 - GW-00283 - House Well
50. TGCD - GMo - Mea - Water Level - WLM-20210315-06 - GW-00385
51. TGCD - GMo - Mea - Water Level - WLM-20210315-07 - GW-00291
52. TGCD - GMo - Mea - Water Level - WLM-20210316-01 - NW-00451
53. TGCD - GMo - Mea - Water Level - WLM-20210316-02 - GW-00090 - House Well
54. TGCD - GMo - Mea - Water Level - WLM-20210316-03 - GW-00076 - Back Well
55. TGCD - GMo - Mea - Water Level - WLM-20210316-04 - GW-00075
56. TGCD - GMo - Mea - Water Level - WLM-20210316-05 - GW-00077
57. TGCD - GMo - Mea - Water Level - WLM-20210316-06 - GW-00073
58. TGCD - GMo - Mea - Water Level - WLM-20210316-07 - GW-00082 - Front Well
59. TGCD - GMo - Mea - Water Level - WLM-20210401-01 - East UB-DAMW - NW-00487
60. TGCD - GMo - Mea - Water Level - WLM-20210401-02 - East LF-DAMW - NW-00488
61. TGCD - GMo - Mea - Water Level - WLM-20210401-03 - Center UB-DAMW - NW-00489
62. TGCD - GMo - Mea - Water Level - WLM-20210401-04 - Center LF-DAMW - NW-00490
63. TGCD - GMo - Mea - Water Level - WLM-20210401-05 - West UB-DAMW - NW-00491
64. TGCD - GMo - Mea - Water Level - WLM-20210401-06 - West LF-DAMW - NW-00492
65. TGCD - GMo - Mea - Water Level - WLM-20210428-01 - GW-00563
66. TGCD - GMo - Mea - Water Level - WLM-20210503-01 - East UB-DAMW - NW-00487
67. TGCD - GMo - Mea - Water Level - WLM-20210503-02 - East LF-DAMW - NW-00488
68. TGCD - GMo - Mea - Water Level - WLM-20210503-03 - Center UB-DAMW - NW-00489
69. TGCD - GMo - Mea - Water Level - WLM-20210503-04 - Center LF-DAMW - NW-00490
70. TGCD - GMo - Mea - Water Level - WLM-20210503-05 - West UB-DAMW - NW-00491
71. TGCD - GMo - Mea - Water Level - WLM-20210503-06 - West LF-DAMW - NW-00492
72. TGCD - GMo - Mea - Water Level - WLM-20210507-01 - East LF-DAMW - NW-00488
73. TGCD - GMo - Mea - Water Level - WLM-20210510-01 - East LF-DAMW - NW-00488
74. TGCD - GMo - Mea - Water Level - WLM-20210601-01 - East UB-DAMW - NW-00487
75. TGCD - GMo - Mea - Water Level - WLM-20210601-02 - East LF-DAMW - NW-00488
76. TGCD - GMo - Mea - Water Level - WLM-20210601-03 - Center UB-DAMW - NW-00489
77. TGCD - GMo - Mea - Water Level - WLM-20210601-04 - Center LF-DAMW - NW-00490
78. TGCD - GMo - Mea - Water Level - WLM-20210601-05 - West UB-DAMW - NW-00491
79. TGCD - GMo - Mea - Water Level - WLM-20210601-06 - West LF-DAMW - NW-00492
80. TGCD - GMo - Mea - Water Level - WLM-20210701-01 - East UB-DAMW - NW-00487

81. TGCD - GMo - Mea - Water Level - WLM-20210701-02 - East LF-DAMW - NW-00488
82. TGCD - GMo - Mea - Water Level - WLM-20210701-03 - Center UB-DAMW - NW-00489
83. TGCD - GMo - Mea - Water Level - WLM-20210701-04 - Center LF-DAMW - NW-00490
84. TGCD - GMo - Mea - Water Level - WLM-20210701-05 - West UB-DAMW - NW-00491
85. TGCD - GMo - Mea - Water Level - WLM-20210701-06 - West LF-DAMW - NW-00492
86. TGCD - GMo - Mea - Water Level - WLM-20210802-01 - East UB-DAMW - NW-00487
87. TGCD - GMo - Mea - Water Level - WLM-20210802-02 - East LF-DAMW - NW-00488
88. TGCD - GMo - Mea - Water Level - WLM-20210802-03 - Center UB-DAMW - NW-00489
89. TGCD - GMo - Mea - Water Level - WLM-20210802-04 - Center LF-DAMW - NW-00490
90. TGCD - GMo - Mea - Water Level - WLM-20210802-05 - West UB-DAMW - NW-00491
91. TGCD - GMo - Mea - Water Level - WLM-20210802-06 - West LF-DAMW - NW-00492
92. TGCD - GMo - Mea - Water Level - WLM-20210816-01 - GW-00090 - House Well
93. TGCD - GMo - Mea - Water Level - WLM-20210816-02 - NW-00451
94. TGCD - GMo - Mea - Water Level - WLM-20210816-03 - GW-00082 - Front Well
95. TGCD - GMo - Mea - Water Level - WLM-20210816-04 - GW-00076 - Back Well
96. TGCD - GMo - Mea - Water Level - WLM-20210816-05 - GW-00077
97. TGCD - GMo - Mea - Water Level - WLM-20210816-06 - GW-00075
98. TGCD - GMo - Mea - Water Level - WLM-20210816-07 - GW-00073
99. TGCD - GMo - Mea - Water Level - WLM-20210817-01 - NW-00195 - Front Well
100. TGCD - GMo - Mea - Water Level - WLM-20210817-02 - GW-00411 - Middle Well
101. TGCD - GMo - Mea - Water Level - WLM-20210817-03 - GW-00410 - Back Well
102. TGCD - GMo - Mea - Water Level - WLM-20210817-04 - NW-00310
103. TGCD - GMo - Mea - Water Level - WLM-20210817-05 - GW-00278
104. TGCD - GMo - Mea - Water Level - WLM-20210817-06 - GW-00244 - Silo Well
105. TGCD - GMo - Mea - Water Level - WLM-20210817-07 - GW-00247 - Cattle Well
106. TGCD - GMo - Mea - Water Level - WLM-20210817-08 - GW-00251 - Barn Well
107. TGCD - GMo - Mea - Water Level - WLM-20210817-09 - GW-00274
108. TGCD - GMo - Mea - Water Level - WLM-20210817-10 - GW-00276
109. TGCD - GMo - Mea - Water Level - WLM-20210817-11 - GW-00320
110. TGCD - GMo - Mea - Water Level - WLM-20210818-01 - GW-00385
111. TGCD - GMo - Mea - Water Level - WLM-20210818-02 - GW-00291
112. TGCD - GMo - Mea - Water Level - WLM-20210818-03 - GW-00294
113. TGCD - GMo - Mea - Water Level - WLM-20210818-04 - GW-00285
114. TGCD - GMo - Mea - Water Level - WLM-20210818-05 - GW-00283 - House Well
115. TGCD - GMo - Mea - Water Level - WLM-20210818-06 - GW-00284 - Silos Well
116. TGCD - GMo - Mea - Water Level - WLM-20210901-01 - East UB-DAMW - NW-00487
117. TGCD - GMo - Mea - Water Level - WLM-20210901-02 - East LF-DAMW - NW-00488
118. TGCD - GMo - Mea - Water Level - WLM-20210901-03 - Center UB-DAMW - NW-00489
119. TGCD - GMo - Mea - Water Level - WLM-20210901-04 - Center LF-DAMW - NW-00490
120. TGCD - GMo - Mea - Water Level - WLM-20210901-05 - West UB-DAMW - NW-00491
121. TGCD - GMo - Mea - Water Level - WLM-20210901-06 - West LF-DAMW - NW-00492

**Evidence of Achievement:** Minutes of Meeting with Board review of water levels in FY2021.

1. TGCD - Adm - MM - Matter For Consideration - MFC-20210121-6.1 - Report regarding Groundwater Level Analysis
2. TGCD - Adm - MM - Matter For Consideration - MFC-20210415-6.1 - Report regarding Groundwater Level Analysis
3. TGCD - Adm - MM - Matter For Consideration - MFC-20210923-5.1 - Intera Proposals re Groundwater Monitoring
4. TGCD - Adm - MM - Meeting Minutes - 20210121
5. TGCD - Adm - MM - Meeting Minutes - 20210415
6. TGCD - Adm - MM - Meeting Minutes - 20210923

TGCD - Field WLM Values - 20220201.pdf

G7O1a - TGCD - Field WLM Values - 20220201...
2/1/2022 1:34 PM, 95.0 KB

TGCD - Field WLM Values - 20220201 - Water Level Change between CY2020 and CY2021 by Well.pdf

G7O1b - TGCD - Field WLM Values - 2022020...
2/1/2022 1:46 PM, 99.6 KB

**Objective 2:** Analyze water level monitoring information to evaluate water level trends and determine the degree to which the DISTRICT is complying with the desired future conditions of Gulf Coast Aquifer in Jackson County.

**Evidence of Achievement:** Minutes of Meeting with Board review of water levels and DFC compliance

1. TGCD - Adm - MM - Meeting Minutes - 20210121
2. TGCD - Adm - MM - Meeting Minutes - 20210415
3. TGCD - Adm - MM - Meeting Minutes - 20210923

Intera - Application of Geostatistical Techniques to Quantify Changes in Water Levels - Draft - 20210407.pdf

G7O2a - Intera - Application of Geostatistical...
2/8/2022 1:43 PM, 17.6 MB

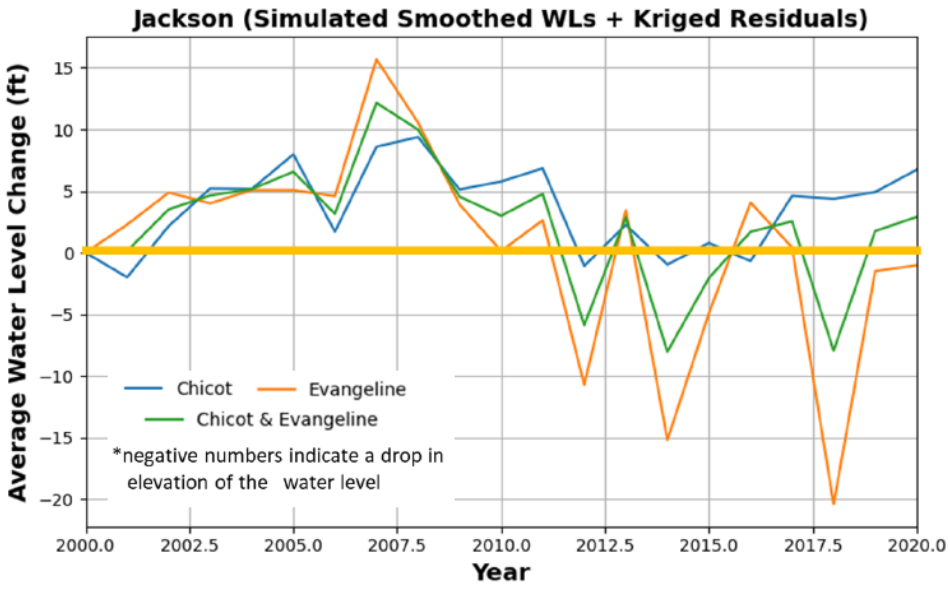



Figure 5-2 Change in the average annual water level calculated in Jackson County for the Chicot Aquifer, the Evangeline Aquifer, and the combination of Chicot and Evangeline aquifers based on the analysis of aquifer levels determined using GAM simulated smoothed water levels and Kriged residual for the measured water levels.

# Texana Groundwater Conservation District

# Annual Report of the District

**Fiscal Year 2020 – 2021**
**October 1, 2020 to September 30, 2021**

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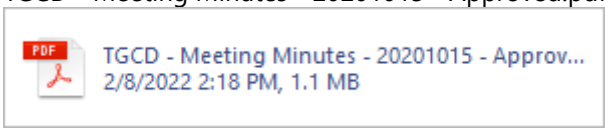
**Section 3 - Minutes of the Meetings of the Board of Directors held during FY2021**

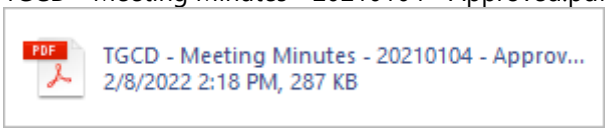
1. TGCD - Adm - MM - Meeting Minutes - 20201015
2. TGCD - Adm - MM - Meeting Minutes - 20210104
3. TGCD - Adm - MM - Meeting Minutes - 20210121
4. TGCD - Adm - MM - Meeting Minutes - 20210415
5. TGCD - Adm - MM - Meeting Minutes - 20210520
6. TGCD - Adm - MM - Meeting Minutes - 20210715
7. TGCD - Adm - MM - Meeting Minutes - 20210819
8. TGCD - Adm - MM - Meeting Minutes - 20210923

PDF Files of Minutes of the Meetings of the Board of Directors held during FY2021:

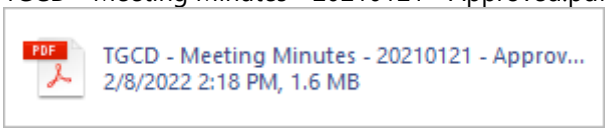
TGCD - Meeting Minutes - 20201015 - Approved.pdf



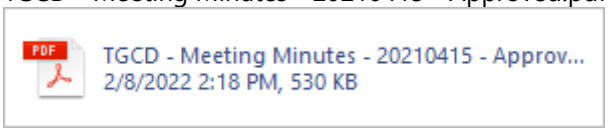

TGCD - Meeting Minutes - 20210104 - Approved.pdf



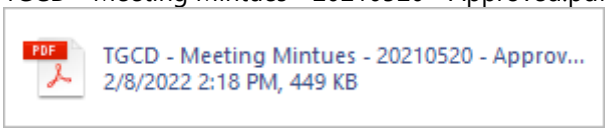

TGCD - Meeting Minutes - 20210121 - Approved.pdf



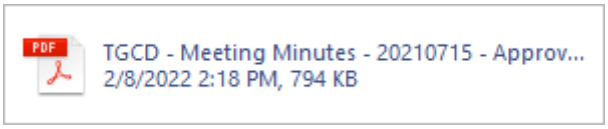

TGCD - Meeting Minutes - 20210415 - Approved.pdf



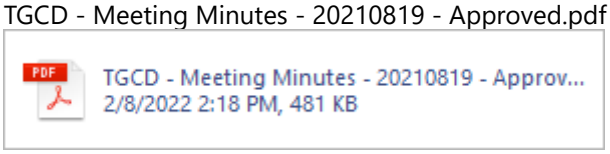

TGCD - Meeting Mintues - 20210520 - Approved.pdf



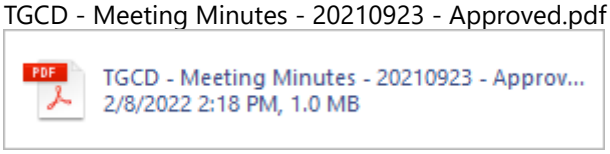

TGCD - Meeting Minutes - 20210715 - Approved.pdf




TGCD - Meeting Minutes - 20210819 - Approved.pdf




TGCD - Meeting Minutes - 20210923 - Approved.pdf



**Minutes of Lavaca Regional Water Planning Group**
**October 19, 2020**
**Edna, Texas**

A meeting of the Lavaca Regional Water Planning Group was held on Monday, October 19, 2020 at 10:00 a.m. With respect to COVID-19, the meeting was held via video conference.

Voting Group Members present via video were Patrick Brzozowski, Jim Coleman, Steve Cooper, Neil Hudgins, Jack Maloney, Richard Ottis, Robert Shoemate, Michael Skalicky, Jill Sklar, Phillip Spenrath, and Ed Weinheimer.

Absent Voting Group Members were: Tom Chandler, Marie Day, Bart McBeth, Edward Pustka, and David Wagner.

Also present via video were: Texas Water Development Board Member Kathleen Jackson, Jean Devlin of Texas Water Development Board, Jaime Burke and Alicia Smiley of AECOM, Jami McCool of Texas Department of Agriculture, Leslie Hartman, Texas Parks and Wildlife, Rick Crabtree and Mike Rivet of Formosa Plastics, Rusty Ray of Texas State Soil & Water Conservation Board, Jerry Adelman, LNRA Board of Director, Karen Gregory, LNRA Deputy General Manager, Scott Hartl, LNRA Assistant Manager, Operations, Kimberly Rhodes, Jennifer White, and Lee Hafernick.

Chairman Spenrath called the meeting to order.

**Public Comments**

There were no public comments.

**Remarks by Texas Water Development Board Member**

Texas Water Development Board Member Kathleen Jackson addressed the Group. She commended the Region P members for their partipation and involvement in the regional water planning process. Board Member Jackson also acknowledged Patrick Brzozowski and Judge Phillip Spenrath for their appointment to the Initial Regional Flood Planning Group. She also briefed the Group on the TWDB's Flood Infrasructure Fund (FIF) which provides financial assistance in the form of loans and grants for flood conrol, flood mitigation , and drainage projects.

**Minutes**

The minutes of the April 27, 2020 public hearing and the August 24, 2020 meeting were reviewed. Weinheimer moved to approve the minutes as presented. Ottis seconded the motion. Motion passed.

**Nominations for New Voting Members**

Brzozowski informed the Group that Robert Shoemate recommended Lee Hafernick be nominated to fill the voting member position, Agriculture, Jackson County, replacing Robert Martin who has retired.

Brzozowski moved to appoint Lee Hafernick as a voting member of the Lavaca Regional Water Planning Group, Agriculture, Jackson County. Ottis seconded the motion. Motion passed.

Remaining vacant positions include Agriculture, Jackson County to replace Gary Skalicky, Small Business, Lavaca County, and Municipalities, Lavaca County.

The Group will continue to seek new members to fill the vacancies.

**Briefing and Update from Texas Water Development Board**

Devlin informed the Group as follows:

Update to Final 2021 Regional Water Plan Deadline and Deliverable

- Deadline to submit the final regional water plans to the TWDB is extended from Octoer 14, 2020 to November 5, 2020.
- The data entry deadline is extended from September 14, 2020 to October 6, 2020.
- The requirement to submit nine (9) hard copy deliverables of the final regional water plan is eliminated.
- TWDB will follow up with instructions on how to submit the final regional water plan deliverables electronically.
- PDFs must pass the Acrobat accessibility full check.

**Present and Discuss Edits to 2021 LRWP**

Burke briefed the Group on the minor edits made to the data base reports after discussion with the TWDB. The data base summary has been finalized and appears in the Executive Summary and Appendixes. The Group was presented copies prior to the meeting for their review.

Executive Summary
- Updated adopted plan due date from October 14, 2020 to November 5, 2020.
- Updated "will be" to "were" with respect to finalizing the plans.
- Database reports (DB22) updated.

Chapter 9
- Received Infrastructure Response Survey response from LNRA – Chapter updated accordingly.

Chapter 10
- Added meeting summary for meetings on August 24, 2020 and October 19, 2020.
- Appendix 10C, Public Agency Comments with Responses, was updated with signed letters.
- Will update Appendix 10A, Meeting Minutes, with approved and signed meeting minutes.

TWDB staff approved of all of our other previous changes with respect to addressing their comments.

**Discuss and Consider Adoption of 2021 LRWP**

Cooper moved to adopt the 2021 Lavaca Regional Water Plan as presented. Hudgins seconded the motion. Motion passed.

**Authorize Consultant to Make Edits After Adoption**

Brzozowski moved to authorize Region P Consultant to make non-substantive edits after adoption as needed or as requested by Texas Water Development Board and submitting the deliverables to the Texas Water Development Board by November 5, 2020. Weinheimer seconded the motion. Motion passed.

**Present and Discuss Edits to Project Prioritization Spreadsheet**

Burke informed the Group of the edits to project prioritization as follows:

LNRA requested edits at previous meeting

- Uniform Standard 2A – Lavaca Off-Channel Reservoir projects have models suggesting a sufficient quantity of water, score changed from 0 to 3.
- Uniform Standard 2C – Lavaca Off-Channel Reservoir Projects and LNRA Desalination are now all rated 7 (meaning a preliminary engineering report has been completed).
- No other edits have been proposed.

Weinheimer moved to approve the Project Prioritization associated with the 2021 Lavaca Regional Water Plan as presented. Ottis seconded the motion. Motion passed.

**LNRA to Serve as Region P Political Subdivision**

Ottis moved to authorize LNRA to serve as the Region P Political Subdivision for the 6th cycle of regional water planning. Weinheimer seconded the motion. Motion passed.

**Authorize Political Subdivision to Perform Tasks for the 6th Cycle**

Cooper moved to authorize the Political Subdivision to provide public notice, submit a grant application to the TWDB, and execute a contract with the TWDB on behalf of the LRWPG for the initial funding of the 6th cycle of Regional Water Planning. Sklar seconded the motion. Motion passed.

**LNRA to Initiate Consultant Selection**

Maloney moved to authorize LNRA to initiate the process for consultant selection for the next Regional Planning Cycle. Weinheimer seconded the motion. Motion passed.

**Schedule Future Meetings**

The Group will tentatively meet in January or February 2021.

**Receive Public Comments**

There were no public comments.

Brzozowski moved for the meeting to adjourn at 10:50 a.m. Weinheimer seconded the motion. Motion passed.

_____

Phillip Spenrath
Chairman

**Ekstrom Aquaculture, LLC - Palacios Farm**

| | |
|---|---|
| **Permit Year:** | **2020** |
| **Report Period Start Date:** | **12/01/20** |
| **Report Period Stop Date** | **12/30/20** |

## Evaluation of Cumulative Groundwater Production in CY2020

| Cumulative Produced Groundwater - Year to Date (Ac-Ft): | Aggregate Volume of Groundwater Production Authorized (Ac-Ft): | Is the cumulative groundwater production (PGW-YTD-AF) for the well field less than the aggregate volume of groundwater production authorized by the District under production permits associated with water wells within the well field? |
|---|---|---|
| 1,418 | 5,884 | YES |

## Intitial Conditions

| Aquifer Monitoring Site | Groundwater Zone | DAMW - Designated Aquifer Monitoring Well | AVG-WL: Average Water Level (FtBS) | AVG-COND: Average Conductivity (µS/cm) |
|---|---|---|---|---|
| Center | Lower Fresh (FMW-2) | Center - Lower Fresh (FMW-2) | 45.90 | 727 |
| East | Lower Fresh (FMW-3) | East - Lower Fresh (FMW-3) | 48.30 | 1,898 |
| West | Lower Fresh (FMW-1) | West - Lower Fresh (FMW-1) | 42.70 | 769 |
| Center | Upper Brackish (BMW-2) | Center - Upper Brackish (BMW-2) | 15.60 | 9,310 |
| East | Upper Brackish (BMW-3) | East - Upper Brackish (BMW-3) | 15.00 | 10,261 |
| West | Upper Brackish (BMW-1) | West - Upper Brackish (BMW-1) | 14.10 | 24,056 |

## Performance Criteria

| Aquifer Monitoring Site | Groundwater Zone | DAMW - Designated Aquifer Monitoring Well | Maximum Water Level Change from Initial Condition during Reporting Period (ft) | Minimium Initial Conductivity Condition (µS/cm) | Maximum Initial Conductivity Condition (µS/cm) | Maximum Allowable Conductivity during reporting period (µS/cm) | Maximium Allowable Conductivity Condition during reporting period (µS/cm) |
|---|---|---|---|---|---|---|---|
| Center | Lower Fresh (FMW-2) | Center - Lower Fresh (FMW-2) | 10 | | 2,600 | 799 | |
| East | Lower Fresh (FMW-3) | East - Lower Fresh (FMW-3) | 10 | | 2,600 | 2,087 | |
| West | Lower Fresh (FMW-1) | West - Lower Fresh (FMW-1) | 10 | | 2,600 | 846 | |
| Center | Upper Brackish (BMW-2) | Center - Upper Brackish (BMW-2) | 15 | 7,000 | 28,000 | | 33,000 |
| East | Upper Brackish (BMW-3) | East - Upper Brackish (BMW-3) | 15 | 7,000 | 28,000 | | 33,000 |
| West | Upper Brackish (BMW-1) | West - Upper Brackish (BMW-1) | 15 | 7,000 | 28,000 | | 33,000 |

## Performance Evaluation of Initial Conditions

| Aquifer Monitoring Site | Groundwater Zone | DAMW - Designated Aquifer Monitoring Well | AVG-COND: Initial Conductivity Condition (µS/cm) | Minimium Initial Conductivity Condition (µS/cm) | Is the minimum initial conductivity condition greater than minimun initial conductivity criteria? | Maximium Initial Conductivity Condition (µS/cm) | Is the maximum initial conductivity condition less than the maximum initial conductivity criteria? |
|---|---|---|---|---|---|---|---|
| Center | Lower Fresh (FMW-2) | Center - Lower Fresh (FMW-2) | 727 | | N/A | 2,600 | YES |
| East | Lower Fresh (FMW-3) | East - Lower Fresh (FMW-3) | 1,898 | | N/A | 2,600 | YES |
| West | Lower Fresh (FMW-1) | West - Lower Fresh (FMW-1) | 769 | | N/A | 2,600 | YES |
| Center | Upper Brackish (BMW-2) | Center - Upper Brackish (BMW-2) | 9,310 | 7,000 | YES | 28,000 | YES |
| East | Upper Brackish (BMW-3) | East - Upper Brackish (BMW-3) | 10,261 | 7,000 | YES | 28,000 | YES |
| West | Upper Brackish (BMW-1) | West - Upper Brackish (BMW-1) | 24,056 | 7,000 | YES | 28,000 | YES |

## Water Level Statistics

| Aquifer Monitoring Site | Groundwater Zone | DAMW - Designated Aquifer Monitoring Well | AVG-WL: Reporting Period Average Water Level (FtBS) |
|---|---|---|---|
| Center | Lower Fresh (FMW-2) | Center - Lower Fresh (FMW-2) | 50.39 |
| East | Lower Fresh (FMW-3) | East - Lower Fresh (FMW-3) | 54.27 |
| West | Lower Fresh (FMW-1) | West - Lower Fresh (FMW-1) | 48.03 |
| Center | Upper Brackish (BMW-2) | Center - Upper Brackish (BMW-2) | 19.03 |
| East | Upper Brackish (BMW-3) | East - Upper Brackish (BMW-3) | 19.43 |
| West | Upper Brackish (BMW-1) | West - Upper Brackish (BMW-1) | 17.85 |

## Performance Evaluation of Water Levels during Reporting Period

| Aquifer Monitoring Site | Groundwater Zone | DAMW - Designated Aquifer Monitoring Well | AVG-WL: Initial Water Level Condition (FtBS) | AVG-WL: Reporting Period Water Level Condition (FtBS) | AVG-WL-DIFF: Change from Initial Water Level Condition and Report Period Water Level Condition (ft) | Criteria for Maximum Water Level Change during Reporting Period (ft) | Is the criteria for maximum water level change during the reporting period satisfied? |
|---|---|---|---|---|---|---|---|
| Center | Lower Fresh (FMW-2) | Center - Lower Fresh (FMW-2) | 45.90 | 50.39 | 4.49 | 10 | YES |
| East | Lower Fresh (FMW-3) | East - Lower Fresh (FMW-3) | 48.30 | 54.27 | 5.97 | 10 | YES |
| West | Lower Fresh (FMW-1) | West - Lower Fresh (FMW-1) | 42.70 | 48.03 | 5.33 | 10 | YES |
| Center | Upper Brackish (BMW-2) | Center - Upper Brackish (BMW-2) | 15.60 | 19.03 | 3.43 | 15 | YES |
| East | Upper Brackish (BMW-3) | East - Upper Brackish (BMW-3) | 15.00 | 19.43 | 4.43 | 15 | YES |
| West | Upper Brackish (BMW-1) | West - Upper Brackish (BMW-1) | 14.10 | 17.85 | 3.75 | 15 | YES |

## Water Conductivity Statistics

| Aquifer Monitoring Site | Groundwater Zone | DAMW - Designated Aquifer Monitoring Well | AVG-COND: Reporting Period Average Conductivity (µS/cm) |
|---|---|---|---|
| Center | Lower Fresh (FMW-2) | Center - Lower Fresh (FMW-2) | 708 |
| East | Lower Fresh (FMW-3) | East - Lower Fresh (FMW-3) | 1,881 |
| West | Lower Fresh (FMW-1) | West - Lower Fresh (FMW-1) | 753 |
| Center | Upper Brackish (BMW-2) | Center - Upper Brackish (BMW-2) | 10,809 |
| East | Upper Brackish (BMW-3) | East - Upper Brackish (BMW-3) | 11,154 |
| West | Upper Brackish (BMW-1) | West - Upper Brackish (BMW-1) | 22,219 |

## Performance Evaluation of Water Conductivity during Reporting Period

| Aquifer Monitoring Site | Groundwater Zone | DAMW - Designated Aquifer Monitoring Well | AVG-COND: Initial Conductivity Condition (µS/cm) | AVG-COND: Reporting Period Conductivity Condition (µS/cm) | AVG-COND-DIFF: Change from Initial Conductivity Condition and Report Period Conductivity Condition (µS/cm) | Maximum Allowable Conductivity during reporting period (µS/cm) | Is the criteria for maximum conductivity change during the reporting period satisfied? | Maximium Allowable Conductivity Condition during reporting period (µS/cm) | Is the criteria for maximum allowable conductivity during the reporting period satisfied? |
|---|---|---|---|---|---|---|---|---|---|
| Center | Lower Fresh (FMW-2) | Center - Lower Fresh (FMW-2) | 727 | 708 | (19) | 799 | YES | | N/A |
| East | Lower Fresh (FMW-3) | East - Lower Fresh (FMW-3) | 1,898 | 1,881 | (16) | 2,087 | YES | | N/A |
| West | Lower Fresh (FMW-1) | West - Lower Fresh (FMW-1) | 769 | 753 | (17) | 846 | YES | | N/A |
| Center | Upper Brackish (BMW-2) | Center - Upper Brackish (BMW-2) | 9,310 | 10,809 | 1,499 | | N/A | 33,000 | YES |
| East | Upper Brackish (BMW-3) | East - Upper Brackish (BMW-3) | 10,261 | 11,154 | 894 | | N/A | 33,000 | YES |
| West | Upper Brackish (BMW-1) | West - Upper Brackish (BMW-1) | 24,056 | 22,219 | (1,837) | | N/A | 33,000 | YES |

**I certify that this report was prepared under my direction or supervision; the information submitted is, to the best of my knowledge and belief, true, accurate and complete. Further, I certify that I am the well owner or I am authorized to act as the agent of the well owner.**

| Signature | James P. Ekstrom, President | 1/1/2021 |
|---|---|---|
| | Printed Name | Date |

**Ekstrom Aquaculture, LLC - Palacios Farm**

# Production Well Report

**Permit Year:** 01/01/20 to 12/31/20
**Report Period:** 12/01/20 to 12/30/20
**Permitted Volume:** 5,884 Ac-Ft/Yr

**Groundwater Production - Acre-Feet**

| Parameter | PGW-AF | PGW-AF | PGW-AF | PGW-AF | PGW-AF | PGW-AF | PGW-AF | PGW-AF | PGW-AF | PGW-AF | PGW-AF | PGW-AF | PGW-YTD-AF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Month | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total for Year |
| Date of Reading | 01/31/20 | 02/29/20 | 03/31/20 | 04/30/20 | 05/31/20 | 06/30/20 | 07/31/20 | 08/31/20 | 09/30/20 | 10/31/20 | 11/30/20 | 12/31/20 | |
| IW-1 (GW-00112) | 0.000 | 0.000 | 55.756 | 6.951 | 7.255 | 8.758 | 0.000 | 6.726 | 14.309 | 0.000 | 0.000 | 0.000 | 99.755 |
| IW-2 (GW-00115) | 0.000 | 0.000 | 48.063 | 31.636 | 0.000 | 5.141 | 13.080 | 1.661 | 10.965 | 0.000 | 10.441 | 0.000 | 120.987 |
| IW-3 (GW-00452) | 0.000 | 0.000 | 0.000 | 0.000 | 12.960 | 0.000 | 0.000 | 0.000 | | | | | 12.960 |
| BW-1 (GW-00113) | 0.000 | 1.410 | 4.044 | 1.426 | 3.757 | 5.081 | 1.250 | 4.582 | 2.346 | 6.475 | 5.196 | 0.000 | 35.567 |
| BW-2 (GW-00116) | 0.000 | 0.000 | 20.985 | 5.360 | 13.389 | 0.180 | 15.951 | 17.349 | 9.383 | 24.091 | 19.512 | 0.000 | 126.200 |
| BW-3 (NW-00145) | 0.000 | 2.160 | 6.282 | 2.243 | 5.650 | 9.648 | 6.147 | 7.045 | 2.902 | 8.755 | 13.650 | 0.000 | 64.482 |
| BW-4 (GW-00130) | 0.000 | 1.860 | 5.316 | 1.902 | 4.783 | 8.196 | 4.704 | 5.946 | 3.362 | 8.433 | 6.792 | 0.000 | 51.294 |
| BW-5 (NW-00146) | 0.000 | 4.140 | 6.295 | 2.232 | 6.050 | 9.547 | 6.760 | 6.740 | 4.034 | 10.085 | 8.305 | 0.000 | 64.188 |
| BW-6 (GW-00110) | 0.000 | 3.200 | 1.733 | 1.352 | 1.617 | 5.413 | 4.751 | 5.667 | 3.223 | 8.097 | 6.481 | 3.430 | 44.964 |
| BW-7 (GW-00114) | 0.000 | 2.030 | 3.413 | 1.268 | 3.190 | 5.340 | 2.863 | 3.734 | 2.124 | 4.861 | 4.203 | 0.000 | 33.026 |
| BW-8 (NW-00147) | 0.000 | 3.160 | 3.181 | 1.100 | 2.238 | 9.005 | 5.156 | 6.735 | 3.869 | 9.414 | 7.845 | 0.000 | 51.703 |
| BW-9 (NW-00144) | 0.000 | 2.800 | 6.120 | 2.204 | 5.620 | 9.342 | 5.787 | 6.672 | 3.811 | 9.296 | 7.465 | 0.000 | 59.117 |
| BW-10 (GW-00111) | 0.000 | 1.900 | 4.268 | 1.523 | 3.977 | 6.436 | 1.266 | 0.006 | 0.000 | 0.000 | 4.892 | 0.000 | 24.268 |
| BW-11 (NW-00143) | 0.000 | 2.110 | 5.978 | 2.155 | 5.642 | 9.852 | 5.827 | 10.951 | 6.898 | 10.380 | 9.150 | 0.000 | 68.943 |
| BW-12 (NW-00494) | | | | 11.308 | 24.308 | 30.161 | 23.017 | 0.000 | 0.020 | 33.022 | 21.301 | 0.000 | 143.137 |
| BW-13 (NW-00495) | | | | 21.537 | 39.297 | 27.031 | 22.234 | 19.754 | 16.072 | 22.948 | 20.134 | 0.000 | 189.007 |
| BW-14 () | | | | | | | | | | | | | 0.000 |
| BW-15 () | | | | | | | | | | | | | 0.000 |
| BW-16 () | | | | | | | | | | | | | 0.000 |
| BW-17 (NW-00527) | | | | | | 1.893 | 27.511 | 23.649 | 22.051 | 27.174 | 19.729 | 0.000 | 122.007 |
| BW-18 (NW-00498) | | | | | | | 15.067 | 22.767 | 21.881 | 27.164 | 19.896 | 0.000 | 106.775 |
| Total for Month | 0.000 | 24.770 | 171.434 | 94.197 | 139.733 | 151.024 | 161.371 | 149.984 | 127.250 | 210.195 | 184.992 | 3.430 | 1,418.380 |
| Monthly % of Permitted Volume | 0.00% | 0.42% | 2.91% | 1.60% | 2.37% | 2.57% | 2.74% | 2.55% | 2.16% | 3.57% | 3.14% | 0.06% | |
| Cumulative % of Permitted Volume | 0.00% | 0.42% | 3.33% | 4.94% | 7.31% | 9.88% | 12.62% | 15.17% | 17.33% | 20.90% | 24.05% | 24.11% | 24.11% |
| % of Permit Period | 8.33% | 16.11% | 25.00% | 33.06% | 41.67% | 49.72% | 58.33% | 66.67% | 74.72% | 83.33% | 91.39% | 100.00% | 100.00% |

**Groundwater Production - Gallons**

| Parameter | PGW | PGW | PGW | PGW | PGW | PGW | PGW | PGW | PGW | PGW | PGW | PGW | PGW-YTD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Month | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total for Year |
| Date of Reading | 01/31/20 | 02/29/20 | 03/31/20 | 04/30/20 | 05/31/20 | 06/30/20 | 07/31/20 | 08/31/20 | 09/30/20 | 10/31/20 | 11/30/20 | 12/31/20 | |
| IW-1 (GW-00112) | 0 | 0 | 18,168,148 | 2,264,990 | 2,364,049 | 2,853,803 | 0 | 2,191,674 | 4,662,602 | 0 | 0 | 0 | 32,505,267 |
| IW-2 (GW-00115) | 0 | 0 | 15,661,377 | 10,308,622 | 0 | 1,675,200 | 4,262,131 | 541,239 | 3,572,956 | 0 | 3,402,210 | 0 | 39,423,735 |
| IW-3 (GW-00452) | 0 | 0 | 0 | 0 | 4,223,029 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,223,029 |
| BW-1 (GW-00113) | 0 | 459,450 | 1,317,741 | 464,664 | 1,224,222 | 1,655,649 | 407,314 | 1,493,049 | 764,446 | 2,109,885 | 1,693,122 | 0 | 11,589,543 |
| BW-2 (GW-00116) | 0 | 0 | 6,837,983 | 1,746,561 | 4,362,819 | 58,653 | 5,197,649 | 5,653,189 | 3,057,460 | 7,850,076 | 6,358,005 | 0 | 41,122,396 |
| BW-3 (NW-00145) | 0 | 703,838 | 2,046,996 | 730,884 | 1,841,058 | 3,143,810 | 2,003,006 | 2,295,620 | 945,620 | 2,852,826 | 4,447,866 | 0 | 21,011,524 |
| BW-4 (GW-00130) | 0 | 606,083 | 1,732,224 | 619,769 | 1,558,545 | 2,670,675 | 1,532,803 | 1,937,510 | 1,095,511 | 2,747,901 | 2,213,180 | 0 | 16,714,201 |
| BW-5 (NW-00146) | 0 | 1,349,023 | 2,051,232 | 727,299 | 1,971,399 | 3,110,899 | 2,202,753 | 2,196,236 | 1,314,483 | 3,286,207 | 2,706,193 | 0 | 20,915,724 |
| BW-6 (GW-00110) | 0 | 1,042,723 | 564,700 | 440,551 | 526,901 | 1,763,831 | 1,548,118 | 1,846,598 | 1,050,218 | 2,638,416 | 2,111,840 | 1,117,669 | 14,651,564 |
| BW-7 (GW-00114) | 0 | 661,478 | 1,112,129 | 413,179 | 1,039,465 | 1,740,044 | 932,911 | 1,216,728 | 692,108 | 1,583,962 | 1,369,552 | 0 | 10,761,555 |
| BW-8 (NW-00147) | 0 | 1,029,689 | 1,036,532 | 358,436 | 729,255 | 2,934,288 | 1,680,088 | 2,194,606 | 1,260,718 | 3,067,561 | 2,556,301 | 0 | 16,847,474 |
| BW-9 (NW-00144) | 0 | 912,383 | 1,994,208 | 718,176 | 1,831,283 | 3,044,100 | 1,885,700 | 2,174,078 | 1,241,818 | 3,029,111 | 2,432,478 | 0 | 19,263,334 |
| BW-10 (GW-00111) | 0 | 619,117 | 1,390,732 | 496,271 | 1,295,909 | 2,097,177 | 412,527 | 1,955 | 0 | 0 | 1,594,063 | 0 | 7,907,752 |
| BW-11 (NW-00143) | 0 | 687,546 | 1,947,937 | 702,209 | 1,838,451 | 3,210,284 | 1,898,734 | 3,568,394 | 2,247,720 | 3,382,333 | 2,981,537 | 0 | 22,465,145 |
| BW-12 () | 0 | 0 | 0 | 3,684,723 | 7,920,786 | 9,827,992 | 7,500,112 | 0 | 6,517 | 10,760,252 | 6,940,952 | 0 | 46,641,335 |
| BW-13 () | 0 | 0 | 0 | 7,017,853 | 12,804,967 | 8,808,078 | 7,244,971 | 6,436,861 | 5,237,077 | 7,477,629 | 6,560,684 | 0 | 61,588,120 |
| BW-14 () | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| BW-15 () | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| BW-16 () | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| BW-17 (NW-00527) | 0 | 0 | 0 | 0 | 0 | 616,836 | 8,964,487 | 7,706,050 | 7,185,340 | 8,854,675 | 6,428,714 | 0 | 39,756,103 |
| BW-18 (NW-00498) | 0 | 0 | 0 | 0 | 0 | 0 | 4,909,597 | 7,418,650 | 7,129,946 | 8,851,417 | 6,483,131 | 0 | 34,792,741 |
| Total for Month | 0 | 8,071,329 | 55,861,940 | 30,694,187 | 45,532,138 | 49,211,321 | 52,582,902 | 48,872,436 | 41,464,540 | 68,492,251 | 60,279,828 | 1,117,669 | 462,180,541 |
| Monthly % of Permitted Volume | 0.00% | 0.42% | 2.91% | 1.60% | 2.37% | 2.57% | 2.74% | 2.55% | 2.16% | 3.57% | 3.14% | 0.06% | |
| Cumulative % of Permitted Volume | 0.00% | 0.42% | 3.33% | 4.94% | 7.31% | 9.88% | 12.62% | 15.17% | 17.33% | 20.90% | 24.05% | 24.11% | 24.11% |
| % of Permit Period | 8.33% | 16.11% | 25.00% | 33.06% | 41.67% | 49.72% | 58.33% | 66.67% | 74.72% | 83.33% | 91.39% | 100.00% | 100.00% |

**Water Level Statistics**

| Aquifer Monitoring Site | Groundwater Zone | DAMW - Designated Aquifer Monitoring Well | Ekstrom Well ID | AVG-WL: January Average Water Level (FtBS) | AVG-WL: February Average Water Level (FtBS) | AVG-WL: March Average Water Level (FtBS) | AVG-WL: April Average Water Level (FtBS) | AVG-WL: May Average Water Level (FtBS) | AVG-WL: June Average Water Level (FtBS) | AVG-WL: July Average Water Level (FtBS) | AVG-WL: August Average Water Level (FtBS) | AVG-WL: September Average Water Level (FtBS) | AVG-WL: October Average Water Level (FtBS) | AVG-WL: November Average Water Level (FtBS) | AVG-WL: December Average Water Level (FtBS) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Center | Lower Fresh | Center - Lower Fresh | FMW-2 | | | | | | 43.1 | 47.4 | 47.9 | 52.21 | 52.08 | 53.84 | 50.39 |
| East | Lower Fresh | East - Lower Fresh | FMW-3 | | | | | | 44.9 | 49.9 | 53.4 | 59.46 | 59.41 | 61.85 | 54.27 |
| West | Lower Fresh | West - Lower Fresh | FMW-1 | | | | | | 40.9 | 43.3 | 45.3 | 48.3 | 49.04 | 49.91 | 48.03 |
| Center | Upper Brackish | Center - Upper Brackish | BMW-2 | | | | | | 26.3 | 24.9 | 27 | 24.27 | 27.65 | 28.26 | 19.03 |
| East | Upper Brackish | East - Upper Brackish | BMW-3 | | | | | | 18.8 | 23.5 | 25.4 | 24.45 | 26.01 | 25.3 | 19.43 |
| West | Upper Brackish | West - Upper Brackish | BMW-1 | | | | | | 25.2 | 23 | 23.9 | 21.15 | 24.73 | 25.77 | 17.85 |

**Water Conductivity Statistics**

| Aquifer Monitoring Site | Groundwater Zone | DAMW - Designated Aquifer Monitoring Well | Ekstrom Well ID | AVG-COND: January Average Conductivity (µS/cm) | AVG-COND: February Average Conductivity (µS/cm) | AVG-COND: March Average Conductivity (µS/cm) | AVG-COND: April Average Conductivity (µS/cm) | AVG-COND: May Average Conductivity (µS/cm) | AVG-COND: June Average Conductivity (µS/cm) | AVG-COND: July Average Conductivity (µS/cm) | AVG-COND: August Average Conductivity (µS/cm) | AVG-COND: September Average Conductivity (µS/cm) | AVG-COND: October Average Conductivity (µS/cm) | AVG-COND: November Average Conductivity (µS/cm) | AVG-COND: December Average Conductivity (µS/cm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Center | Lower Fresh | Center - Lower Fresh | FMW-2 | | | | | | 708.2 | 707.8 | 707.1 | 708.21 | 709.29 | 708.25 | 708.25 |
| East | Lower Fresh | East - Lower Fresh | FMW-3 | | | | | | 1944.2 | 2112.5 | 2068.1 | 1973.53 | 1895.98 | 1880.79 | 1881.48 |
| West | Lower Fresh | West - Lower Fresh | FMW-1 | | | | | | 839.6 | 749.2 | 757.4 | 751.46 | 750.67 | 751.36 | 752.69 |
| Center | Upper Brackish | Center - Upper Brackish | BMW-2 | | | | | | 8263.2 | 8700.3 | 8675.6 | 9099.17 | 8780.87 | 8411.24 | 10808.88 |
| East | Upper Brackish | East - Upper Brackish | BMW-3 | | | | | | 9747.1 | 8874.8 | 9068.3 | 9366.15 | 8877.67 | 9251.49 | 11154.27 |
| West | Upper Brackish | West - Upper Brackish | BMW-1 | | | | | | 22702.1 | 22509.7 | 22260.4 | 22092.09 | 21983.08 | 21923.12 | 22218.71 |

**Ekstrom Aquaculture, LLC - Palacios Farm**

# Production Well Report

**Permit Year:** 01/01/21 to 12/31/21
**Report Period:** 12/01/21 to 12/31/21
**Permitted Volume:** 5,884 Ac-Ft/Yr

**Groundwater Production - Acre-Feet**

| Parameter | PGW-AF | PGW-AF | PGW-AF | PGW-AF | PGW-AF | PGW-AF | PGW-AF | PGW-AF | PGW-AF | PGW-AF | PGW-AF | PGW-AF | PGW-YTD-AF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Month | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total for Year |
| Date of Reading | 01/31/21 | 02/28/21 | 03/31/21 | 04/30/21 | 05/31/21 | 06/30/21 | 07/31/21 | 08/31/21 | 09/30/21 | 10/31/21 | 11/30/21 | 12/31/21 | |
| IW-1 (GW-00112) | 0.000 | 49.833 | 0.000 | 17.737 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 67.570 |
| IW-2 (GW-00115) | 0.000 | 67.515 | 1.690 | 37.954 | 10.210 | 0.000 | 0.000 | 1.232 | 0.000 | 7.728 | 1.176 | 0.000 | 127.505 |
| IW-3 (GW-00452) | | | | | | 0.288 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 61.602 | 61.890 |
| BW-1 (GW-00113) | 0.635 | 5.342 | 0.000 | 1.820 | 0.000 | 0.000 | 1.939 | 1.105 | 2.183 | 1.610 | 1.605 | 2.545 | 18.784 |
| BW-2 (GW-00116) | 2.615 | 19.942 | 0.000 | 6.836 | 0.001 | 0.000 | 6.086 | 4.592 | 8.882 | 6.800 | 6.563 | 10.986 | 73.303 |
| BW-3 (NW-00145) | 0.976 | 7.555 | 0.006 | 2.735 | 0.000 | 0.000 | 2.881 | 1.919 | 3.223 | 2.272 | 2.613 | 4.308 | 28.488 |
| BW-4 (GW-00130) | 0.835 | 7.301 | 0.000 | 2.547 | 0.000 | 0.000 | 2.643 | 1.674 | 2.775 | 1.954 | 2.235 | 3.728 | 25.692 |
| BW-5 (NW-00146) | 0.931 | 8.226 | 0.000 | 3.124 | 0.058 | 0.000 | 2.990 | 3.070 | 0.102 | 2.269 | 2.691 | 4.529 | 27.990 |
| BW-6 (GW-00110) | 0.796 | 6.943 | 0.000 | 2.399 | 0.000 | 0.000 | 2.539 | 1.586 | 2.614 | 1.862 | 2.149 | 1.390 | 22.278 |
| BW-7 (GW-00114) | 0.568 | 4.946 | 0.000 | 1.710 | 2.030 | 2.539 | 2.454 | 1.793 | 5.918 | 3.271 | 1.549 | 2.647 | 29.425 |
| BW-8 (NW-00147) | 0.968 | 8.270 | 0.000 | 2.619 | 0.000 | 0.000 | 2.834 | 1.919 | 3.567 | 1.088 | 1.991 | 2.587 | 25.843 |
| BW-9 (NW-00144) | 0.991 | 7.555 | 0.000 | 0.000 | 0.000 | 0.000 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 8.716 |
| BW-10 (GW-00111) | 0.735 | 7.301 | 0.000 | 0.000 | 0.000 | 0.000 | 1.450 | 1.805 | 2.442 | 17.543 | 1.868 | 3.061 | 36.205 |
| BW-11 (NW-00143) | 0.001 | 7.555 | 0.000 | 0.000 | 0.000 | 0.000 | 2.782 | 1.872 | 3.467 | 2.082 | 2.544 | 4.138 | 24.441 |
| BW-12 (NW-00494) | 2.375 | 19.450 | 0.000 | 4.232 | 0.000 | 0.003 | 3.225 | 13.978 | 1.458 | 23.610 | 17.118 | 0.000 | 85.449 |
| BW-13 (NW-00495) | 2.322 | 19.044 | 0.000 | 4.278 | 0.000 | 0.000 | 3.198 | 13.739 | 1.440 | 23.398 | 17.265 | 0.000 | 84.684 |
| BW-14 (NW-00551) | | | | | | | | | | | | | 0.000 |
| BW-15 (NW-00552) | | | | | | | | | | | | | 0.000 |
| BW-16 (NW-00553) | | | | | | | | | | | | | 0.000 |
| BW-17 (NW-00527) | 2.648 | 22.577 | 0.000 | 4.958 | 0.000 | 0.000 | 3.274 | 0.000 | 0.000 | 15.928 | 19.820 | 0.000 | 69.205 |
| BW-18 (NW-00498) | 2.646 | 22.911 | 0.000 | 4.934 | 0.000 | 0.000 | 3.511 | 15.957 | 1.717 | 26.337 | 19.241 | 0.000 | 97.254 |
| Total for Month | 20.042 | 292.266 | 1.696 | 97.883 | 12.299 | 2.830 | 41.976 | 66.241 | 39.788 | 137.752 | 100.428 | 101.521 | 914.722 |
| Monthly % of Permitted Volume | 0.34% | 4.97% | 0.03% | 1.66% | 0.21% | 0.05% | 0.71% | 1.13% | 0.68% | 2.34% | 1.71% | 1.73% | |
| Cumulative % of Permitted Volume | 0.34% | 5.31% | 5.34% | 7.00% | 7.21% | 7.26% | 7.97% | 9.10% | 9.77% | 12.11% | 13.82% | 15.55% | 15.55% |
| % of Permit Period | 8.33% | 15.83% | 25.00% | 33.06% | 41.67% | 49.72% | 58.33% | 66.67% | 74.72% | 83.33% | 91.39% | 100.00% | 100.00% |

**Groundwater Production - Gallons**

| Parameter | PGW | PGW | PGW | PGW | PGW | PGW | PGW | PGW | PGW | PGW | PGW | PGW | PGW-YTD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Month | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total for Year |
| Date of Reading | 01/31/20 | 02/29/20 | 03/31/20 | 04/30/20 | 05/31/20 | 06/30/20 | 07/31/20 | 08/31/20 | 09/30/20 | 10/31/20 | 11/30/20 | 12/31/20 | |
| IW-1 (GW-00112) | 0 | 16,238,133 | 0 | 5,779,619 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22,017,752 |
| IW-2 (GW-00115) | 0 | 21,999,830 | 550,688 | 12,367,349 | 3,326,939 | 0 | 0 | 401,448 | 0 | 2,518,177 | 383,201 | 0 | 41,547,632 |
| IW-3 (GW-00452) | 0 | 0 | 0 | 0 | 0 | 93,845 | 0 | 0 | 0 | 0 | 0 | 20,073,073 | 20,166,918 |
| BW-1 (GW-00113) | 206,915 | 1,740,696 | 0 | 593,049 | 0 | 0 | 631,825 | 360,065 | 711,333 | 524,620 | 522,991 | 829,291 | 6,120,785 |
| BW-2 (GW-00116) | 852,100 | 6,498,121 | 0 | 2,227,517 | 326 | 0 | 1,983,129 | 1,496,308 | 2,894,209 | 2,215,787 | 2,138,560 | 3,579,799 | 23,885,856 |
| BW-3 (NW-00145) | 318,031 | 2,461,804 | 1,955 | 891,202 | 0 | 0 | 938,777 | 625,308 | 1,050,218 | 740,333 | 851,449 | 1,403,766 | 9,282,843 |
| BW-4 (GW-00130) | 272,086 | 2,379,038 | 0 | 829,942 | 0 | 0 | 861,224 | 545,475 | 904,237 | 636,713 | 728,277 | 1,214,773 | 8,371,764 |
| BW-5 (NW-00146) | 303,367 | 2,680,450 | 0 | 1,017,959 | 18,899 | 0 | 974,294 | 1,000,363 | 33,237 | 739,356 | 876,865 | 1,475,779 | 9,120,569 |
| BW-6 (GW-00110) | 259,377 | 2,262,383 | 0 | 781,717 | 0 | 0 | 827,336 | 516,800 | 851,775 | 606,735 | 700,254 | 452,933 | 7,259,309 |
| BW-7 (GW-00114) | 185,083 | 1,611,659 | 0 | 557,205 | 661,478 | 827,336 | 799,638 | 584,251 | 1,928,386 | 1,065,859 | 504,743 | 862,528 | 9,588,166 |
| BW-8 (NW-00147) | 315,424 | 2,694,788 | 0 | 853,404 | 0 | 0 | 923,462 | 625,308 | 1,162,311 | 354,526 | 648,769 | 842,977 | 8,420,967 |
| BW-9 (NW-00144) | 322,918 | 2,461,804 | 0 | 0 | 0 | 0 | 55,395 | 0 | 0 | 0 | 0 | 0 | 2,840,117 |
| BW-10 (GW-00111) | 239,500 | 2,379,038 | 0 | 0 | 0 | 0 | 472,484 | 588,161 | 795,728 | 5,716,404 | 608,690 | 997,430 | 11,797,435 |
| BW-11 (NW-00143) | 326 | 2,461,804 | 0 | 0 | 0 | 0 | 906,517 | 609,993 | 1,129,725 | 678,422 | 828,965 | 1,348,371 | 7,964,124 |
| BW-12 (NW-00494) | 773,896 | 6,337,802 | 0 | 1,379,001 | 0 | 978 | 1,050,869 | 4,554,745 | 475,091 | 7,693,342 | 5,577,917 | 0 | 27,843,642 |
| BW-13 (NW-00495) | 756,626 | 6,205,506 | 0 | 1,393,991 | 0 | 0 | 1,042,071 | 4,476,867 | 469,225 | 7,624,262 | 5,625,818 | 0 | 27,594,366 |
| BW-14 (NW-00551) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| BW-15 (NW-00552) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| BW-16 (NW-00553) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| BW-17 (NW-00527) | 862,853 | 7,356,738 | 0 | 1,615,569 | 0 | 0 | 1,066,836 | 0 | 0 | 5,190,155 | 6,458,367 | 0 | 22,550,518 |
| BW-18 (NW-00498) | 862,202 | 7,465,572 | 0 | 1,607,749 | 0 | 0 | 1,144,063 | 5,199,604 | 559,486 | 8,581,938 | 6,269,699 | 0 | 31,690,313 |
| Total for Month | 6,530,706 | 95,235,168 | 552,643 | 31,895,273 | 4,007,641 | 922,158 | 13,677,922 | 21,584,696 | 12,964,960 | 44,886,627 | 32,724,564 | 33,080,719 | 298,063,078 |
| Monthly % of Permitted Volume | 0.34% | 4.97% | 0.03% | 1.66% | 0.21% | 0.05% | 0.71% | 1.13% | 0.68% | 2.34% | 1.71% | 1.73% | |
| Cumulative % of Permitted Volume | 0.34% | 5.31% | 5.34% | 7.00% | 7.21% | 7.26% | 7.97% | 9.10% | 9.77% | 12.11% | 13.82% | 15.55% | 15.55% |
| % of Permit Period | 91.94% | 83.61% | 75.28% | 66.94% | 58.61% | 50.28% | 41.94% | 33.61% | 25.28% | 16.94% | 8.61% | 0.28% | 0.28% |

**Water Level Statistics**

| Aquifer Monitoring Site | Groundwater Zone | DAMW - Designated Aquifer Monitoring Well | Ekstrom Well ID | AVG-WL: January Average Water Level (FtBS) | AVG-WL: February Average Water Level (FtBS) | AVG-WL: March Average Water Level (FtBS) | AVG-WL: April Average Water Level (FtBS) | AVG-WL: May Average Water Level (FtBS) | AVG-WL: June Average Water Level (FtBS) | AVG-WL: July Average Water Level (FtBS) | AVG-WL: August Average Water Level (FtBS) | AVG-WL: September Average Water Level (FtBS) | AVG-WL: October Average Water Level (FtBS) | AVG-WL: November Average Water Level (FtBS) | AVG-WL: December Average Water Level (FtBS) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Center | Lower Fresh | Center - Lower Fresh | FMW-2 | 46.45 | 53.22 | 46.63 | 48.72 | 45.18 | 42.18 | 42.39 | 45.89 | 50.03 | 48.26 | 46.91 | 46.88 |
| East | Lower Fresh | East - Lower Fresh | FMW-3 | 49.16 | 51.99 | 46.96 | 51.03 | 46.14 | 43.43 | 44.14 | 50.53 | 55.33 | 52.05 | 48.97 | 52.4 |
| West | Lower Fresh | West - Lower Fresh | FMW-1 | 44.73 | 47.18 | 46.29 | 44.63 | 42.88 | 40.73 | 40.13 | 44.13 | 48.19 | 46.63 | 44.09 | 43.7 |
| Center | Upper Brackish | Center - Upper Brackish | BMW-2 | 16.39 | 26.86 | 16.5 | 18.34 | 14.5 | 13.8 | 14.71 | 17.57 | 18.57 | 21.18 | 25.3 | 16.7 |
| East | Upper Brackish | East - Upper Brackish | BMW-3 | 16.78 | 24.57 | 17.46 | 17.69 | 14.13 | 14.21 | 14.7 | 16.41 | 16.9 | 20.93 | 22.24 | 16.2 |
| West | Upper Brackish | West - Upper Brackish | BMW-1 | 15.74 | 24.82 | 15.82 | 17.92 | 16.13 | 14.81 | 12.45 | 15.38 | 15.73 | 14.81 | 18.01 | 16.53 |

**Water Conductivity Statistics**

| Aquifer Monitoring Site | Groundwater Zone | DAMW - Designated Aquifer Monitoring Well | Ekstrom Well ID | AVG-COND: January Average Conductivity (µS/cm) | AVG-COND: February Average Conductivity (µS/cm) | AVG-COND: March Average Conductivity (µS/cm) | AVG-COND: April Average Conductivity (µS/cm) | AVG-COND: May Average Conductivity (µS/cm) | AVG-COND: June Average Conductivity (µS/cm) | AVG-COND: July Average Conductivity (µS/cm) | AVG-COND: August Average Conductivity (µS/cm) | AVG-COND: September Average Conductivity (µS/cm) | AVG-COND: October Average Conductivity (µS/cm) | AVG-COND: November Average Conductivity (µS/cm) | AVG-COND: December Average Conductivity (µS/cm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Center | Lower Fresh | Center - Lower Fresh | FMW-2 | 708.51 | 708.88 | 709.23 | 727.8 | 728.37 | 729.97 | 731.89 | 732.67 | 735.43 | 631.75 | 654.43 | 653.52 |
| East | Lower Fresh | East - Lower Fresh | FMW-3 | 1881.57 | 2067.45 | 2008 | 2806.83 | 2935.03 | 2724.9 | 2641.95 | 2932.55 | 2945.26 | 2954.19 | 2930.23 | 2394.46 |
| West | Lower Fresh | West - Lower Fresh | FMW-1 | 754.69 | 755.69 | 754.42 | 776.51 | 778.91 | 781.08 | 781.34 | 711.58 | 699 | 765.93 | 766.48 | 767.94 |
| Center | Upper Brackish | Center - Upper Brackish | BMW-2 | 10644.3 | 9032.18 | 11207.87 | 11264.8 | 12002.33 | 11314.31 | 10464.69 | 9774.13 | 9729.26 | 9786.73 | 9567.63 | 11295.25 |
| East | Upper Brackish | East - Upper Brackish | BMW-3 | 11321.04 | 9276.84 | 11625.43 | 11167.66 | 11872.48 | 11987 | 12674.58 | 12722.32 | 12321.63 | 10457.28 | 10791.86 | 12373.83 |
| West | Upper Brackish | West - Upper Brackish | BMW-1 | 22096.79 | 21865.06 | 21894.09 | 21848.76 | 21759.08 | 21759.17 | 21589.49 | 21627.63 | 23098.23 | 22776.11 | 22899.51 | 22839.21 |

**Ekstrom Aquaculture, LLC - Palacios Farm**

| | |
|---|---|
| **Permit Year:** | **2021** |
| **Report Period Start Date:** | **12/01/21** |
| **Report Period Stop Date** | **12/31/21** |

## Evaluation of Cumulative Groundwater Production in CY2020

| Cumulative Produced Groundwater - Year to Date (Ac-Ft): | Aggregate Volume of Groundwater Production Authorized (Ac-Ft): | Is the cumulative groundwater production (PGW-YTD-AF) for the well field less than the aggregate volume of groundwater production authorized by the District under production permits associated with water wells within the well field? |
|---|---|---|
| 915 | 5,884 | YES |

## Intitial Conditions

| Aquifer Monitoring Site | Groundwater Zone | DAMW - Designated Aquifer Monitoring Well | AVG-WL: Average Water Level (FtBS) | AVG-COND: Average Conductivity (µS/cm) |
|---|---|---|---|---|
| Center | Lower Fresh (FMW-2) | Center - Lower Fresh (FMW-2) | 45.90 | 727 |
| East | Lower Fresh (FMW-3) | East - Lower Fresh (FMW-3) | 48.30 | 1,898 |
| West | Lower Fresh (FMW-1) | West - Lower Fresh (FMW-1) | 42.70 | 769 |
| Center | Upper Brackish (BMW-2) | Center - Upper Brackish (BMW-2) | 15.60 | 9,310 |
| East | Upper Brackish (BMW-3) | East - Upper Brackish (BMW-3) | 15.00 | 10,261 |
| West | Upper Brackish (BMW-1) | West - Upper Brackish (BMW-1) | 14.10 | 24,056 |

## Performance Criteria

| Aquifer Monitoring Site | Groundwater Zone | DAMW - Designated Aquifer Monitoring Well | Maximum Water Level Change from Initial Condition during Reporting Period (ft) | Minimum Initial Conductivity Condition (µS/cm) | Maximum Initial Conductivity Condition (µS/cm) | Maximum Allowable Conductivity during reporting period (µS/cm) | Maximium Allowable Conductivity Condition during reporting period (µS/cm) |
|---|---|---|---|---|---|---|---|
| Center | Lower Fresh (FMW-2) | Center - Lower Fresh (FMW-2) | 10 | | 2,600 | 799 | |
| East | Lower Fresh (FMW-3) | East - Lower Fresh (FMW-3) | 10 | | 2,600 | 2,087 | |
| West | Lower Fresh (FMW-1) | West - Lower Fresh (FMW-1) | 10 | | 2,600 | 846 | |
| Center | Upper Brackish (BMW-2) | Center - Upper Brackish (BMW-2) | 15 | 7,000 | 28,000 | | 33,000 |
| East | Upper Brackish (BMW-3) | East - Upper Brackish (BMW-3) | 15 | 7,000 | 28,000 | | 33,000 |
| West | Upper Brackish (BMW-1) | West - Upper Brackish (BMW-1) | 15 | 7,000 | 28,000 | | 33,000 |

## Performance Evaluation of Initial Conditions

| Aquifer Monitoring Site | Groundwater Zone | DAMW - Designated Aquifer Monitoring Well | AVG-COND: Initial Conductivity Condition (µS/cm) | Minimum Initial Conductivity Condition (µS/cm) | Is the minimum initial conductivity condition greater than minimun initial conductivity criteria? | Maximum Initial Conductivity Condition (µS/cm) | Is the maximum initial conductivity condition less than the maximum initial conductivity criteria? |
|---|---|---|---|---|---|---|---|
| Center | Lower Fresh (FMW-2) | Center - Lower Fresh (FMW-2) | 727 | | N/A | 2,600 | YES |
| East | Lower Fresh (FMW-3) | East - Lower Fresh (FMW-3) | 1,898 | | N/A | 2,600 | YES |
| West | Lower Fresh (FMW-1) | West - Lower Fresh (FMW-1) | 769 | | N/A | 2,600 | YES |
| Center | Upper Brackish (BMW-2) | Center - Upper Brackish (BMW-2) | 9,310 | 7,000 | YES | 28,000 | YES |
| East | Upper Brackish (BMW-3) | East - Upper Brackish (BMW-3) | 10,261 | 7,000 | YES | 28,000 | YES |
| West | Upper Brackish (BMW-1) | West - Upper Brackish (BMW-1) | 24,056 | 7,000 | YES | 28,000 | YES |

## Water Level Statistics

| Aquifer Monitoring Site | Groundwater Zone | DAMW - Designated Aquifer Monitoring Well | AVG-WL: Reporting Period Average Water Level (FtBS) |
|---|---|---|---|
| Center | Lower Fresh (FMW-2) | Center - Lower Fresh (FMW-2) | 46.88 |
| East | Lower Fresh (FMW-3) | East - Lower Fresh (FMW-3) | 52.40 |
| West | Lower Fresh (FMW-1) | West - Lower Fresh (FMW-1) | 43.70 |
| Center | Upper Brackish (BMW-2) | Center - Upper Brackish (BMW-2) | 16.70 |
| East | Upper Brackish (BMW-3) | East - Upper Brackish (BMW-3) | 16.20 |
| West | Upper Brackish (BMW-1) | West - Upper Brackish (BMW-1) | 16.53 |

## Performance Evaluation of Water Levels during Reporting Period

| Aquifer Monitoring Site | Groundwater Zone | DAMW - Designated Aquifer Monitoring Well | AVG-WL: Initial Water Level Condition (FtBS) | AVG-WL: Reporting Period Water Level Condition (FtBS) | AVG-WL-DIFF: Change from Initial Water Level Condition and Report Period Water Level Condition (ft) | Criteria for Maximum Water Level Change during Reporting Period (ft) | Is the criteria for maximum water level change during the reporting period satisfied? |
|---|---|---|---|---|---|---|---|
| Center | Lower Fresh (FMW-2) | Center - Lower Fresh (FMW-2) | 45.90 | 46.88 | 0.98 | 10 | YES |
| East | Lower Fresh (FMW-3) | East - Lower Fresh (FMW-3) | 48.30 | 52.40 | 4.10 | 10 | YES |
| West | Lower Fresh (FMW-1) | West - Lower Fresh (FMW-1) | 42.70 | 43.70 | 1.00 | 10 | YES |
| Center | Upper Brackish (BMW-2) | Center - Upper Brackish (BMW-2) | 15.60 | 16.70 | 1.10 | 15 | YES |
| East | Upper Brackish (BMW-3) | East - Upper Brackish (BMW-3) | 15.00 | 16.20 | 1.20 | 15 | YES |
| West | Upper Brackish (BMW-1) | West - Upper Brackish (BMW-1) | 14.10 | 16.53 | 2.43 | 15 | YES |

## Water Conductivity Statistics

| Aquifer Monitoring Site | Groundwater Zone | DAMW - Designated Aquifer Monitoring Well | AVG-COND: Reporting Period Average Conductivity (µS/cm) |
|---|---|---|---|
| Center | Lower Fresh (FMW-2) | Center - Lower Fresh (FMW-2) | 654 |
| East | Lower Fresh (FMW-3) | East - Lower Fresh (FMW-3) | 2,394 |
| West | Lower Fresh (FMW-1) | West - Lower Fresh (FMW-1) | 768 |
| Center | Upper Brackish (BMW-2) | Center - Upper Brackish (BMW-2) | 11,295 |
| East | Upper Brackish (BMW-3) | East - Upper Brackish (BMW-3) | 12,374 |
| West | Upper Brackish (BMW-1) | West - Upper Brackish (BMW-1) | 22,839 |

## Performance Evaluation of Water Conductivity during Reporting Period

| Aquifer Monitoring Site | Groundwater Zone | DAMW - Designated Aquifer Monitoring Well | AVG-COND: Initial Conductivity Condition (µS/cm) | AVG-COND: Reporting Period Conductivity Condition (µS/cm) | AVG-COND-DIFF: Change from Initial Conductivity Condition and Report Period Conductivity Condition (µS/cm) | Maximum Allowable Conductivity during reporting period (µS/cm) | Is the criteria for maximum conductivity change during the reporting period satisfied? | Maximium Allowable Conductivity Condition during reporting period (µS/cm) | Is the criteria for maximum allowable conductivity during the reporting period satisfied? |
|---|---|---|---|---|---|---|---|---|---|
| Center | Lower Fresh (FMW-2) | Center - Lower Fresh (FMW-2) | 727 | 654 | (73) | 799 | YES | | N/A |
| East | Lower Fresh (FMW-3) | East - Lower Fresh (FMW-3) | 1,898 | 2,394 | 497 | 2,087 | NO | | N/A |
| West | Lower Fresh (FMW-1) | West - Lower Fresh (FMW-1) | 769 | 768 | (1) | 846 | YES | | N/A |
| Center | Upper Brackish (BMW-2) | Center - Upper Brackish (BMW-2) | 9,310 | 11,295 | 1,985 | | N/A | 33,000 | YES |
| East | Upper Brackish (BMW-3) | East - Upper Brackish (BMW-3) | 10,261 | 12,374 | 2,113 | | N/A | 33,000 | YES |
| West | Upper Brackish (BMW-1) | West - Upper Brackish (BMW-1) | 24,056 | 22,839 | (1,216) | | N/A | 33,000 | YES |

**I certify that this report was prepared under my direction or supervision; the information submitted is, to the best of my knowledge and belief, true, accurate and complete. Further, I certify that I am the well owner or I am authorized to act as the agent of the well owner.**

| Signature | Printed Name | Date |
|---|---|---|
| | James P. Ekstrom, President | 1/10/2022 |

**Ekstrom Aquaculture - Palacios Farm**

## Monitoring Well Data — All Wells

Date Range: >=3/1/2020 <=1/10/2022

| EA Well ID | Texana Well ID | Date | Water Level (FtBToc) | Water Level (FtBS) | Temperature (°C) | Conductivity (µS/cm) | Total Dissolved Solids (mg/L) | Comments |
|---|---|---|---|---|---|---|---|---|
| BMW-1 | NW-00491 | 03/07/20 | 16.10 | 14.10 | 23.58 | 24,056 | 15,636 | Texana initial condition |
| BMW-2 | NW-00489 | 03/07/20 | 17.40 | 15.60 | 23.09 | 9,310 | 6,052 | Texana initial condition |
| BMW-3 | NW-00487 | 03/07/20 | 17.70 | 15.00 | 23.42 | 10,261 | 6,670 | Texana initial condition |
| FMW-1 | NW-00492 | 03/07/20 | 44.56 | 42.70 | 25.11 | 769 | 500 | Texana initial condition |
| FMW-2 | NW-00490 | 03/07/20 | 47.65 | 45.90 | 25.25 | 727 | 473 | Texana initial condition |
| FMW-3 | NW-00488 | 03/07/20 | 51.05 | 48.30 | 24.76 | 1,898 | 1,234 | Texana initial condition |
| BMW-1 | NW-00491 | 03/27/20 | 17.00 | 15.00 | 23.60 | 4,372 | 2,842 | Temp/Cond measurements not taken at same depth as Texana |
| BMW-2 | NW-00489 | 03/27/20 | 16.70 | 14.90 | 24.00 | 3,414 | 2,219 | Temp/Cond measurements not taken at same depth as Texana |
| BMW-3 | NW-00487 | 03/27/20 | 17.60 | 14.90 | 23.30 | 4,037 | 2,624 | Temp/Cond measurements not taken at same depth as Texana |
| FMW-1 | NW-00492 | 03/27/20 | 46.30 | 44.44 | 23.70 | 750 | 488 | Temp/Cond measurements not taken at same depth as Texana |
| FMW-2 | NW-00490 | 03/27/20 | 52.60 | 50.85 | 23.70 | 692 | 450 | Temp/Cond measurements not taken at same depth as Texana |
| FMW-3 | NW-00488 | 03/27/20 | 56.30 | 53.55 | 23.40 | 1,687 | 1,097 | Temp/Cond measurements not taken at same depth as Texana |
| BMW-1 | NW-00491 | 04/03/20 | 19.50 | 17.50 | 23.60 | 4,264 | 2,772 | Temp/Cond measurements not taken at same depth as Texana |
| BMW-2 | NW-00489 | 04/03/20 | 19.90 | 18.10 | 23.10 | 3,293 | 2,140 | Temp/Cond measurements not taken at same depth as Texana |
| BMW-3 | NW-00487 | 04/03/20 | 17.20 | 14.50 | 23.30 | 3,597 | 2,338 | Temp/Cond measurements not taken at same depth as Texana |
| FMW-1 | NW-00492 | 04/03/20 | 45.80 | 43.94 | 23.60 | 745 | 484 | Temp/Cond measurements not taken at same depth as Texana |
| FMW-2 | NW-00490 | 04/03/20 | 50.90 | 49.15 | 23.60 | 685 | 445 | Temp/Cond measurements not taken at same depth as Texana |
| FMW-3 | NW-00488 | 04/03/20 | 53.60 | 50.85 | 23.30 | 1,660 | 1,079 | Temp/Cond measurements not taken at same depth as Texana |
| BMW-1 | NW-00491 | 04/10/20 | 17.20 | 15.20 | 23.60 | 16,000 | 10,400 | Temp/Cond measurement taken at 160'. |
| BMW-2 | NW-00489 | 04/10/20 | 17.40 | 15.60 | 24.00 | 3,170 | 2,061 | |
| BMW-3 | NW-00487 | 04/10/20 | 17.40 | 14.70 | 23.20 | 3,679 | 2,391 | |
| FMW-1 | NW-00492 | 04/10/20 | 46.00 | 44.14 | 23.70 | 706 | 459 | |
| FMW-2 | NW-00490 | 04/10/20 | 53.60 | 51.85 | 23.60 | 643 | 418 | |
| FMW-3 | NW-00488 | 04/10/20 | 54.25 | 51.50 | 23.40 | 1,630 | 1,060 | |
| BMW-1 | NW-00491 | 04/17/20 | 16.80 | 14.80 | 23.60 | 14,700 | 9,555 | Temp/cond at same depth as TGCD probes. Meter calibrated, but procedure incorrect. |
| BMW-2 | NW-00489 | 04/17/20 | 20.70 | 18.90 | 23.40 | 3,536 | 2,298 | Temp/cond at same depth as TGCD probes. Meter calibrated, but procedure incorrect. |
| BMW-3 | NW-00487 | 04/17/20 | 17.30 | 14.60 | 23.30 | 4,619 | 3,002 | Temp/cond at same depth as TGCD probes. Meter calibrated, but procedure incorrect. |
| FMW-1 | NW-00492 | 04/17/20 | 45.00 | 43.14 | 24.80 | 1,650 | 1,073 | Temp/cond at same depth as TGCD probes. Meter calibrated, but procedure incorrect. |
| FMW-2 | NW-00490 | 04/17/20 | 52.90 | 51.15 | 24.50 | 1,634 | 1,062 | Temp/cond at same depth as TGCD probes. Meter calibrated, but procedure incorrect. |
| FMW-3 | NW-00488 | 04/17/20 | 55.30 | 52.55 | 23.60 | 2,060 | 1,339 | Temp/cond at same depth as TGCD probes. Meter calibrated, but procedure incorrect. |
| BMW-1 | NW-00491 | 04/24/20 | 18.60 | 16.60 | 23.60 | 12,500 | 8,125 | Meter calibrated with standard #1 and #3. |
| BMW-2 | NW-00489 | 04/24/20 | 22.80 | 21.00 | 23.40 | 4,707 | 3,060 | Meter calibrated with standard #1 and #3. |
| BMW-3 | NW-00487 | 04/24/20 | 17.90 | 15.20 | 23.40 | 5,607 | 3,645 | Meter calibrated with standard #1 and #3. |
| FMW-1 | NW-00492 | 04/24/20 | 45.40 | 43.54 | 25.20 | 553 | 359 | Meter calibrated with standard #1 and #3. |
| FMW-2 | NW-00490 | 04/24/20 | 47.50 | 45.75 | 25.20 | 519 | 337 | Meter calibrated with standard #1 and #3. |
| FMW-3 | NW-00488 | 04/24/20 | 51.30 | 48.55 | 24.70 | 1,349 | 877 | Meter calibrated with standard #1 and #3. |
| BMW-1 | NW-00491 | 05/01/20 | 24.50 | 22.50 | 23.60 | 12,200 | 7,930 | Meter calibrated with standard #1 and #3. |
| BMW-2 | NW-00489 | 05/01/20 | 27.20 | 25.40 | 23.40 | 5,045 | 3,279 | Meter calibrated with standard #1 and #3. |
| BMW-3 | NW-00487 | 05/01/20 | 19.20 | 16.50 | 23.40 | 5,766 | 3,748 | Meter calibrated with standard #1 and #3. |
| FMW-1 | NW-00492 | 05/01/20 | 45.50 | 43.64 | 25.20 | 631 | 410 | Meter calibrated with standard #1 and #3. |
| FMW-2 | NW-00490 | 05/01/20 | 47.20 | 45.45 | 23.20 | 659 | 428 | Meter calibrated with standard #1 and #3. |
| FMW-3 | NW-00488 | 05/01/20 | 50.50 | 47.75 | 24.70 | 1,497 | 973 | Meter calibrated with standard #1 and #3. |
| BMW-1 | NW-00491 | 05/08/20 | 29.80 | 27.80 | 23.60 | 11,600 | 7,540 | Meter calibrated with standard #1 and #2. |
| BMW-2 | NW-00489 | 05/08/20 | 32.00 | 30.20 | 23.40 | 4,390 | 2,854 | Meter calibrated with standard #1 and #2. |
| BMW-3 | NW-00487 | 05/08/20 | 21.40 | 18.70 | 23.40 | 5,122 | 3,329 | Meter calibrated with standard #1 and #2. |
| FMW-1 | NW-00492 | 05/08/20 | 44.00 | 42.14 | 25.00 | 517 | 336 | Meter calibrated with standard #1 and #2. |
| FMW-2 | NW-00490 | 05/08/20 | 45.50 | 43.75 | 25.20 | 486 | 316 | Meter calibrated with standard #1 and #2. |
| FMW-3 | NW-00488 | 05/08/20 | 48.40 | 45.65 | 24.70 | 1,241 | 807 | Meter calibrated with standard #1 and #2. |
| BMW-1 | NW-00491 | 05/15/20 | 24.10 | 22.10 | 23.60 | 11,600 | 7,540 | |
| BMW-2 | NW-00489 | 05/15/20 | 28.50 | 26.70 | 23.40 | 1,385 | 900 | |
| BMW-3 | NW-00487 | 05/15/20 | 21.60 | 18.90 | 23.30 | 5,500 | 3,575 | |
| FMW-1 | NW-00492 | 05/15/20 | 44.10 | 42.24 | 25.00 | 530 | 345 | |
| FMW-2 | NW-00490 | 05/15/20 | 45.50 | 43.75 | 25.20 | 499 | 324 | |
| FMW-3 | NW-00488 | 05/15/20 | 48.90 | 46.15 | 24.60 | 1,272 | 827 | |
| BMW-1 | NW-00491 | 05/22/20 | 19.90 | 17.90 | 23.60 | 12,200 | 7,930 | |
| BMW-2 | NW-00489 | 05/22/20 | 25.10 | 23.30 | 23.30 | 4,930 | 3,205 | IW-3 running for 5 days. Also BW-13. |
| BMW-3 | NW-00487 | 05/22/20 | 29.70 | 27.00 | 23.30 | 4,586 | 2,981 | IW-3 running for 5 days. Also BW-13. |
| FMW-1 | NW-00492 | 05/22/20 | 42.90 | 41.04 | 25.00 | 529 | 344 | |
| FMW-2 | NW-00490 | 05/22/20 | 44.40 | 42.65 | 25.20 | 497 | 323 | IW-3 running for 5 days. Also BW-13. |

| Ekstrom Aquaculture - Palacios Farm | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FMW-3 | NW-00488 | 05/22/20 | 47.20 | 44.45 | 24.60 | 1,257 | 817 | IW-3 running for 5 days. Also BW-13. |
| BMW-1 | NW-00491 | 05/29/20 | 19.50 | 17.50 | 23.40 | 12,100 | 7,865 | |
| BMW-2 | NW-00489 | 05/29/20 | 24.80 | 23.00 | 23.30 | 4,941 | 3,212 | |
| BMW-3 | NW-00487 | 05/29/20 | 20.00 | 17.30 | 23.30 | 5,973 | 3,882 | |
| FMW-1 | NW-00492 | 05/29/20 | 43.10 | 41.24 | 25.00 | 514 | 334 | |
| FMW-2 | NW-00490 | 05/29/20 | 44.50 | 42.75 | 25.20 | 484 | 315 | |
| FMW-3 | NW-00488 | 05/29/20 | 47.20 | 44.45 | 24.60 | 1,234 | 802 | |
| BMW-1 | NW-00491 | 06/05/20 | 21.50 | 19.50 | 23.60 | 12,100 | 7,865 | |
| BMW-2 | NW-00489 | 06/05/20 | 26.60 | 24.80 | 23.30 | 4,829 | 3,139 | |
| BMW-3 | NW-00487 | 06/05/20 | 19.90 | 17.20 | 23.30 | 5,895 | 3,832 | |
| FMW-1 | NW-00492 | 06/05/20 | 42.80 | 40.94 | 25.00 | 521 | 339 | |
| FMW-2 | NW-00490 | 06/05/20 | 44.50 | 42.75 | 25.20 | 490 | 319 | |
| FMW-3 | NW-00488 | 06/05/20 | 46.80 | 44.05 | 24.60 | 1,247 | 811 | |
| BMW-1 | NW-00491 | 06/12/20 | 30.70 | 28.70 | 23.40 | 12,000 | 7,800 | |
| BMW-2 | NW-00489 | 06/12/20 | 31.00 | 29.20 | 23.30 | 5,054 | 3,285 | |
| BMW-3 | NW-00487 | 06/12/20 | 21.80 | 19.10 | 23.30 | 5,950 | 3,868 | |
| FMW-1 | NW-00492 | 06/12/20 | 43.20 | 41.34 | 25.00 | 535 | 348 | |
| FMW-2 | NW-00490 | 06/12/20 | 44.30 | 42.55 | 25.20 | 503 | 327 | |
| FMW-3 | NW-00488 | 06/12/20 | 46.30 | 43.55 | 24.60 | 1,275 | 829 | |
| BMW-1 | NW-00491 | 06/19/20 | 31.20 | 29.20 | 23.60 | 11,700 | 7,605 | |
| BMW-2 | NW-00489 | 06/19/20 | 31.60 | 29.80 | 23.30 | 4,823 | 3,135 | |
| BMW-3 | NW-00487 | 06/19/20 | 21.70 | 19.00 | 23.30 | 5,724 | 3,721 | |
| FMW-1 | NW-00492 | 06/19/20 | 42.20 | 40.34 | 25.00 | 531 | 345 | |
| FMW-2 | NW-00490 | 06/19/20 | 44.00 | 42.25 | 25.20 | 499 | 324 | |
| FMW-3 | NW-00488 | 06/19/20 | 48.80 | 46.05 | 24.60 | 1,279 | 831 | |
| BMW-1 | NW-00491 | 06/26/20 | 22.00 | 20.00 | 23.40 | 11,500 | 7,475 | |
| BMW-2 | NW-00489 | 06/26/20 | 22.70 | 20.90 | 23.40 | 4,866 | 3,163 | |
| BMW-3 | NW-00487 | 06/26/20 | 21.50 | 18.80 | 23.30 | 5,702 | 3,706 | |
| FMW-1 | NW-00492 | 06/26/20 | 42.40 | 40.54 | 25.00 | 507 | 330 | |
| FMW-2 | NW-00490 | 06/26/20 | 44.30 | 42.55 | 25.20 | 475 | 309 | |
| FMW-3 | NW-00488 | 06/26/20 | 47.90 | 45.15 | 24.60 | 1,205 | 783 | |
| BMW-1 | NW-00491 | 07/03/20 | 18.80 | 16.80 | 23.40 | 11,400 | 7,410 | |
| BMW-2 | NW-00489 | 07/03/20 | 19.00 | 17.20 | 23.40 | 4,856 | 3,156 | |
| BMW-3 | NW-00487 | 07/03/20 | 19.70 | 17.00 | 23.30 | 6,020 | 3,913 | |
| FMW-1 | NW-00492 | 07/03/20 | 43.20 | 41.34 | 25.00 | 518 | 337 | |
| FMW-2 | NW-00490 | 07/03/20 | 45.00 | 43.25 | 25.20 | 487 | 317 | |
| FMW-3 | NW-00488 | 07/03/20 | 48.00 | 45.25 | 24.60 | 1,240 | 806 | |
| BMW-1 | NW-00491 | 07/10/20 | 22.90 | 20.90 | 23.40 | 11,500 | 7,475 | |
| BMW-2 | NW-00489 | 07/10/20 | 23.40 | 21.60 | 23.40 | 4,911 | 3,192 | |
| BMW-3 | NW-00487 | 07/10/20 | 23.90 | 21.20 | 23.30 | 5,704 | 3,708 | |
| FMW-1 | NW-00492 | 07/10/20 | 45.00 | 43.14 | 25.00 | 511 | 332 | |
| FMW-2 | NW-00490 | 07/10/20 | 47.30 | 45.55 | 25.20 | 480 | 312 | |
| FMW-3 | NW-00488 | 07/10/20 | 53.60 | 50.85 | 24.60 | 1,241 | 807 | |
| BMW-1 | NW-00491 | 07/17/20 | 26.20 | 24.20 | 23.40 | 11,400 | 7,410 | No BW's running. Shutdown yesterday. |
| BMW-2 | NW-00489 | 07/17/20 | 25.10 | 23.30 | 23.40 | 4,903 | 3,187 | No BW's running. Shutdown yesterday. |
| BMW-3 | NW-00487 | 07/17/20 | 23.10 | 20.40 | 23.30 | 5,869 | 3,815 | No BW's running. Shutdown yesterday. |
| FMW-1 | NW-00492 | 07/17/20 | 44.80 | 42.94 | 24.80 | 519 | 337 | IW-1 and IW-2 running |
| FMW-2 | NW-00490 | 07/17/20 | 52.60 | 50.85 | 25.20 | 487 | 317 | IW-1 and IW-2 running |
| FMW-3 | NW-00488 | 07/17/20 | 57.00 | 54.25 | 24.60 | 1,274 | 828 | IW-1 and IW-2 running |
| BMW-1 | NW-00491 | 07/24/20 | 30.60 | 28.60 | 23.40 | 11,200 | 7,280 | |
| BMW-2 | NW-00489 | 07/24/20 | 32.00 | 30.20 | 23.30 | 5,124 | 3,331 | |
| BMW-3 | NW-00487 | 07/24/20 | 28.10 | 25.40 | 23.30 | 5,451 | 3,543 | |
| FMW-1 | NW-00492 | 07/24/20 | 45.60 | 43.74 | 24.80 | 546 | 355 | |
| FMW-2 | NW-00490 | 07/24/20 | 49.00 | 47.25 | 25.20 | 513 | 333 | |
| FMW-3 | NW-00488 | 07/24/20 | 55.90 | 53.15 | 24.60 | 1,300 | 845 | |
| BMW-1 | NW-00491 | 07/31/20 | 21.70 | 19.70 | 23.40 | 11,500 | 7,475 | |
| BMW-2 | NW-00489 | 07/31/20 | 23.10 | 21.30 | 23.40 | 5,997 | 3,898 | |
| BMW-3 | NW-00487 | 07/31/20 | 23.50 | 20.80 | 23.30 | 5,798 | 3,769 | |
| FMW-1 | NW-00492 | 07/31/20 | 45.30 | 43.44 | 24.80 | 513 | 333 | |
| FMW-2 | NW-00490 | 07/31/20 | 48.10 | 46.35 | 25.20 | 482 | 313 | |
| FMW-3 | NW-00488 | 07/31/20 | 51.60 | 48.85 | 24.60 | 1,195 | 777 | |
| BMW-1 | NW-00491 | 08/07/20 | 29.30 | 27.30 | 23.40 | 11,200 | 7,280 | |
| BMW-2 | NW-00489 | 08/07/20 | 32.00 | 30.20 | 23.30 | 4,945 | 3,214 | |
| BMW-3 | NW-00487 | 08/07/20 | 29.50 | 26.80 | 23.30 | 4,951 | 3,218 | |
| FMW-1 | NW-00492 | 08/07/20 | 45.40 | 43.54 | 24.80 | 536 | 348 | |

| Ekstrom Aquaculture - Palacios Farm | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FMW-2 | NW-00490 | 08/07/20 | 47.50 | 45.75 | 25.20 | 503 | 327 | |
| FMW-3 | NW-00488 | 08/07/20 | 51.30 | 48.55 | 24.60 | 1,258 | 818 | |
| BMW-1 | NW-00491 | 08/14/20 | 28.40 | 26.40 | 23.40 | 11,400 | 7,410 | |
| BMW-2 | NW-00489 | 08/14/20 | 31.30 | 29.50 | 23.30 | 4,953 | 3,219 | |
| BMW-3 | NW-00487 | 08/14/20 | 33.40 | 30.70 | 23.30 | 4,945 | 3,214 | |
| FMW-1 | NW-00492 | 08/14/20 | 46.60 | 44.74 | 24.80 | 520 | 338 | |
| FMW-2 | NW-00490 | 08/14/20 | 48.80 | 47.05 | 25.20 | 488 | 317 | |
| FMW-3 | NW-00488 | 08/14/20 | 55.90 | 53.15 | 24.60 | 1,238 | 805 | |
| BMW-3 | NW-00487 | 08/20/20 | 32.90 | 30.20 | 23.30 | 4,618 | 3,002 | Immediately prior to shutting down BW-13, 17 & 18. Bower's center pivot running. |
| FMW-3 | NW-00488 | 08/20/20 | 59.20 | 56.45 | 24.60 | 1,257 | 817 | Immediately prior to shutting down BW-13, 17 & 18. Bower's center pivot running. |
| BMW-1 | NW-00491 | 08/21/20 | 27.50 | 25.50 | 23.60 | 11,200 | 7,280 | 24-hours after shutting down BW-13, 17 & 18. |
| BMW-2 | NW-00489 | 08/21/20 | 27.40 | 25.60 | 24.00 | 5,169 | 3,360 | 24-hours after shutting down BW-13, 17 & 18. |
| BMW-3 | NW-00487 | 08/21/20 | 26.30 | 23.60 | 23.70 | 7,070 | 4,596 | 24-hours after shutting down BW-13, 17 & 18. Bower's center pivot running. |
| FMW-1 | NW-00492 | 08/21/20 | 47.20 | 45.34 | 23.70 | 514 | 334 | 24-hours after shutting down BW-13, 17 & 18. |
| FMW-2 | NW-00490 | 08/21/20 | 50.30 | 48.55 | 23.80 | 467 | 304 | 24-hours after shutting down BW-13, 17 & 18. |
| FMW-3 | NW-00488 | 08/21/20 | 59.80 | 57.05 | 23.40 | 1,288 | 837 | 24-hours after shutting down BW-13, 17 & 18. Bower's center pivot running. |
| BMW-1 | NW-00491 | 08/28/20 | 23.80 | 21.80 | 23.60 | 12,200 | 7,930 | |
| BMW-2 | NW-00489 | 08/28/20 | 23.40 | 21.60 | 23.40 | 5,110 | 3,322 | |
| BMW-3 | NW-00487 | 08/28/20 | 23.20 | 20.50 | 23.30 | 6,344 | 4,124 | |
| FMW-1 | NW-00492 | 08/28/20 | 48.30 | 46.44 | 25.00 | 546 | 355 | |
| FMW-2 | NW-00490 | 08/28/20 | 51.60 | 49.85 | 25.20 | 513 | 333 | |
| FMW-3 | NW-00488 | 08/28/20 | 60.70 | 57.95 | 24.60 | 1,240 | 806 | |
| BMW-1 | NW-00491 | 09/04/20 | 21.80 | 19.80 | 23.40 | 11,600 | 7,540 | |
| BMW-2 | NW-00489 | 09/04/20 | 28.00 | 26.20 | 23.30 | 5,139 | 3,340 | |
| BMW-3 | NW-00487 | 09/04/20 | 30.50 | 27.80 | 23.30 | 4,912 | 3,193 | |
| FMW-1 | NW-00492 | 09/04/20 | 51.90 | 50.04 | 24.80 | 532 | 346 | Center pivot not running |
| FMW-2 | NW-00490 | 09/04/20 | 55.60 | 53.85 | 24.70 | 493 | 320 | Center pivot not running |
| FMW-3 | NW-00488 | 09/04/20 | 62.30 | 59.55 | 24.60 | 1,213 | 788 | Center pivot not running |
| BMW-1 | NW-00491 | 09/11/20 | 32.90 | 30.90 | 23.40 | 11,200 | 7,280 | All West BW's running |
| BMW-2 | NW-00489 | 09/11/20 | 35.80 | 34.00 | 23.30 | 4,860 | 3,159 | BW 12,13,17,18 running |
| BMW-3 | NW-00487 | 09/11/20 | 33.60 | 30.90 | 23.30 | 4,848 | 3,151 | BW 12,13,17,18 running |
| FMW-1 | NW-00492 | 09/11/20 | 50.50 | 48.64 | 24.80 | 516 | 335 | Bowers Center pivot running. IW1 ran 9/3-9/6. |
| FMW-2 | NW-00490 | 09/11/20 | 54.40 | 52.65 | 25.20 | 484 | 315 | Bowers Center pivot running. IW1 ran 9/3-9/6. |
| FMW-3 | NW-00488 | 09/11/20 | 63.70 | 60.95 | 24.70 | 1,146 | 745 | Bowers Center pivot running. IW1 ran 9/3-9/6. |
| BMW-1 | NW-00491 | 09/18/20 | 20.80 | 18.80 | 23.40 | 11,900 | 7,735 | All wells off, center pivot not running. |
| BMW-2 | NW-00489 | 09/18/20 | 22.60 | 20.80 | 23.40 | 5,331 | 3,465 | All wells off, center pivot not running. |
| BMW-3 | NW-00487 | 09/18/20 | 24.00 | 21.30 | 23.30 | 6,044 | 3,929 | All wells off, center pivot not running. |
| FMW-1 | NW-00492 | 09/18/20 | 50.30 | 48.44 | 24.80 | 518 | 337 | All wells off, center pivot not running. |
| FMW-2 | NW-00490 | 09/18/20 | 53.90 | 52.15 | 24.80 | 481 | 313 | All wells off, center pivot not running. |
| FMW-3 | NW-00488 | 09/18/20 | 63.70 | 60.95 | 24.60 | 1,134 | 737 | All wells off, center pivot not running. |
| BMW-1 | NW-00491 | 09/25/20 | 19.70 | 17.70 | 23.40 | 11,700 | 7,605 | All wells off, center pivot not running. |
| BMW-2 | NW-00489 | 09/25/20 | 20.20 | 18.40 | 23.30 | 5,004 | 3,253 | All wells off, center pivot not running. |
| BMW-3 | NW-00487 | 09/25/20 | 22.40 | 19.70 | 23.30 | 6,562 | 4,265 | All wells off, center pivot not running. |
| FMW-1 | NW-00492 | 09/25/20 | 50.90 | 49.04 | 25.00 | 514 | 334 | All wells off, center pivot not running. |
| FMW-2 | NW-00490 | 09/25/20 | 54.40 | 52.65 | 25.20 | 483 | 314 | All wells off, center pivot not running. |
| FMW-3 | NW-00488 | 09/25/20 | 60.40 | 57.65 | 24.60 | 1,078 | 701 | All wells off, center pivot not running. |
| BMW-1 | NW-00491 | 10/02/20 | 18.30 | 16.30 | 23.40 | 11,200 | 7,280 | All wells off, center pivot not running. IW2 ran 9/26-27 & 9/28-9/29. |
| BMW-2 | NW-00489 | 10/02/20 | 20.20 | 18.40 | 23.40 | 5,039 | 3,275 | All wells off, center pivot not running. IW2 ran 9/26-27 & 9/28-9/29. |
| BMW-3 | NW-00487 | 10/02/20 | 22.50 | 19.80 | 23.30 | 5,824 | 3,786 | All wells off, center pivot not running. IW2 ran 9/26-27 & 9/28-9/29. |
| FMW-1 | NW-00492 | 10/02/20 | 50.60 | 48.74 | 25.00 | 521 | 339 | All wells off, center pivot not running. IW2 ran 9/26-27 & 9/28-9/29. |
| FMW-2 | NW-00490 | 10/02/20 | 53.80 | 52.05 | 25.00 | 491 | 319 | All wells off, center pivot not running. IW2 ran 9/26-27 & 9/28-9/29. |
| FMW-3 | NW-00488 | 10/02/20 | 60.10 | 57.35 | 24.60 | 1,145 | 744 | All wells off, center pivot not running. IW2 ran 9/26-27 & 9/28-9/29. |
| BMW-1 | NW-00491 | 10/09/20 | 31.00 | 29.00 | 23.40 | 11,500 | 7,475 | East Farm BW's off, FW wells off, West Farm BW's on, Center Pivot running. |
| BMW-2 | NW-00489 | 10/09/20 | 30.20 | 28.40 | 23.30 | 4,866 | 3,163 | East Farm BW's off, FW wells off, West Farm BW's on, Center Pivot running. |
| BMW-3 | NW-00487 | 10/09/20 | 26.00 | 23.30 | 23.30 | 5,704 | 3,708 | East Farm BW's off, FW wells off, West Farm BW's on, Center Pivot running. |
| FMW-1 | NW-00492 | 10/09/20 | 50.60 | 48.74 | 25.00 | 527 | 343 | East Farm BW's off, FW wells off, West Farm BW's on, Center Pivot running. |
| FMW-2 | NW-00490 | 10/09/20 | 53.30 | 51.55 | 25.20 | 495 | 322 | East Farm BW's off, FW wells off, West Farm BW's on, Center Pivot running. |
| FMW-3 | NW-00488 | 10/09/20 | 61.40 | 58.65 | 24.60 | 1,170 | 761 | East Farm BW's off, FW wells off, West Farm BW's on, Center Pivot running. |
| BMW-1 | NW-00491 | 10/16/20 | 30.00 | 28.00 | 23.40 | 11,500 | 7,475 | No IW's running all week. East BWs all turned on mid morning 10/16. West BWs turned off 10/16 after 5 days running. Center pivot too far away to see if running |
| BMW-2 | NW-00489 | 10/16/20 | 27.50 | 25.70 | 23.40 | 4,657 | 3,027 | No IW's running all week. East BWs all turned on mid morning 10/16. West BWs turned off 10/16 after 5 days running. Center pivot too far away to see if running |
| BMW-3 | NW-00487 | 10/16/20 | 23.50 | 20.80 | 23.30 | 5,568 | 3,619 | No IW's running all week. East BWs all turned on mid morning 10/16. West BWs turned off 10/16 after 5 days running. Center pivot too far away to see if running |
| FMW-1 | NW-00492 | 10/16/20 | 51.10 | 49.24 | 25.00 | 532 | 346 | No IW's running all week. East BWs all turned on mid morning 10/16. West BWs turned off 10/16 after 5 days running. Center pivot too far away to see if running |
| FMW-2 | NW-00490 | 10/16/20 | 53.60 | 51.85 | 25.20 | 499 | 324 | No IW's running all week. East BWs all turned on mid morning 10/16. West BWs turned off 10/16 after 5 days running. Center pivot too far away to see if running |
| FMW-3 | NW-00488 | 10/16/20 | 60.90 | 58.15 | 24.60 | 1,153 | 749 | No IW's running all week. East BWs all turned on mid morning 10/16. West BWs turned off 10/16 after 5 days running. Center pivot too far away to see if running |
| BMW-1 | NW-00491 | 10/23/20 | 22.30 | 20.30 | 23.40 | 12,500 | 8,125 | East Farm BWs on since 10/16. West farm BWs off. Center pivot off. |

| Ekstrom Aquaculture - Palacios Farm | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BMW-2 | NW-00489 | 10/23/20 | 29.80 | 28.00 | 23.30 | 5,542 | 3,602 | East Farm BWs on since 10/16. West farm BWs off. Center pivot off. |
| BMW-3 | NW-00487 | 10/23/20 | 33.20 | 30.50 | 23.30 | 5,175 | 3,364 | East Farm BWs on since 10/16. West farm BWs off. Center pivot off. |
| FMW-1 | NW-00492 | 10/23/20 | 50.60 | 48.74 | 25.00 | 529 | 344 | East Farm BWs on since 10/16. West farm BWs off. Center pivot off. |
| FMW-2 | NW-00490 | 10/23/20 | 53.80 | 52.05 | 25.20 | 496 | 322 | East Farm BWs on since 10/16. West farm BWs off. Center pivot off. |
| FMW-3 | NW-00488 | 10/23/20 | 63.30 | 60.55 | 24.60 | 1,150 | 748 | East Farm BWs on since 10/16. West farm BWs off. Center pivot off. |
| BMW-1 | NW-00491 | 10/30/20 | 30.20 | 28.20 | 23.40 | 11,700 | 7,605 | All BWs running, no FWs running, center pivot running. |
| BMW-2 | NW-00489 | 10/30/20 | 33.40 | 31.60 | 23.30 | 4,931 | 3,205 | All BWs running, no FWs running, center pivot running. |
| BMW-3 | NW-00487 | 10/30/20 | 29.20 | 26.50 | 23.30 | 4,870 | 3,166 | All BWs running, no FWs running, center pivot running. |
| FMW-1 | NW-00492 | 10/30/20 | 51.60 | 49.74 | 25.00 | 543 | 353 | All BWs running, no FWs running, center pivot running. |
| FMW-2 | NW-00490 | 10/30/20 | 54.70 | 52.95 | 25.20 | 508 | 330 | All BWs running, no FWs running, center pivot running. |
| FMW-3 | NW-00488 | 10/30/20 | 64.40 | 61.65 | 24.60 | 1,162 | 755 | All BWs running, no FWs running, center pivot running. |
| BMW-1 | NW-00491 | 11/06/20 | 32.30 | 30.30 | 23.40 | 11,600 | 7,540 | BW12 & BW13 on 11/4. IW-2 on 11/5. All E. BWs on. Center Pivot off. |
| BMW-2 | NW-00489 | 11/06/20 | 30.10 | 28.30 | 23.40 | 4,858 | 3,158 | BW12 & BW13 on 11/4. IW-2 on 11/5. All E. BWs on. Center Pivot off. |
| BMW-3 | NW-00487 | 11/06/20 | 24.60 | 21.90 | 23.30 | 6,160 | 4,004 | BW12 & BW13 on 11/4. IW-2 on 11/5. All E. BWs on. Center Pivot off. |
| FMW-1 | NW-00492 | 11/06/20 | 51.90 | 50.04 | 25.00 | 526 | 342 | BW12 & BW13 on 11/4. IW-2 on 11/5. All E. BWs on. Center Pivot off. |
| FMW-2 | NW-00490 | 11/06/20 | 59.90 | 58.15 | 25.20 | 492 | 320 | BW12 & BW13 on 11/4. IW-2 on 11/5. All E. BWs on. Center Pivot off. |
| FMW-3 | NW-00488 | 11/06/20 | 67.50 | 64.75 | 24.60 | 1,137 | 739 | BW12 & BW13 on 11/4. IW-2 on 11/5. All E. BWs on. Center Pivot off. |
| BMW-1 | NW-00491 | 11/13/20 | 24.20 | 22.20 | 23.40 | 11,700 | 7,605 | All BWs off. All IW's off. Center pivot off. |
| BMW-2 | NW-00489 | 11/13/20 | 25.20 | 23.40 | 23.40 | 5,146 | 3,345 | All BWs off. All IW's off. Center pivot off. |
| BMW-3 | NW-00487 | 11/13/20 | 24.30 | 21.60 | 23.30 | 4,977 | 3,235 | All BWs off. All IW's off. Center pivot off. |
| FMW-1 | NW-00492 | 11/13/20 | 51.70 | 49.84 | 25.00 | 539 | 350 | All BWs off. All IW's off. Center pivot off. |
| FMW-2 | NW-00490 | 11/13/20 | 55.20 | 53.45 | 25.20 | 505 | 328 | All BWs off. All IW's off. Center pivot off. |
| FMW-3 | NW-00488 | 11/13/20 | 64.30 | 61.55 | 24.60 | 1,145 | 744 | All BWs off. All IW's off. Center pivot off. |
| BMW-1 | NW-00491 | 11/20/20 | 21.60 | 19.60 | 23.40 | 11,800 | 7,670 | No IWs running, all west farm BWs running, Center pivot running. |
| BMW-2 | NW-00489 | 11/20/20 | 29.60 | 27.80 | 23.30 | 5,182 | 3,368 | No IWs running, all west farm BWs running, Center pivot running. |
| BMW-3 | NW-00487 | 11/20/20 | 31.40 | 28.70 | 23.30 | 4,946 | 3,215 | No IWs running, all west farm BWs running, Center pivot running. |
| FMW-1 | NW-00492 | 11/20/20 | 51.90 | 50.04 | 25.00 | 539 | 350 | No IWs running, all west farm BWs running, Center pivot running. |
| FMW-2 | NW-00490 | 11/20/20 | 55.30 | 53.55 | 25.20 | 505 | 328 | No IWs running, all west farm BWs running, Center pivot running. |
| FMW-3 | NW-00488 | 11/20/20 | 65.10 | 62.35 | 24.60 | 1,135 | 738 | No IWs running, all west farm BWs running, Center pivot running. |
| BMW-1 | NW-00491 | 11/27/20 | 32.70 | 30.70 | 23.40 | 11,200 | 7,280 | All BWs running. No IWs running. Center pivot off. |
| BMW-2 | NW-00489 | 11/27/20 | 36.00 | 34.20 | 23.30 | 4,772 | 3,102 | All BWs running. No IWs running. Center pivot off. |
| BMW-3 | NW-00487 | 11/27/20 | 31.80 | 29.10 | 23.30 | 4,943 | 3,213 | All BWs running. No IWs running. Center pivot off. |
| FMW-1 | NW-00492 | 11/27/20 | 52.00 | 50.14 | 25.00 | 517 | 336 | All BWs running. No IWs running. Center pivot off. |
| FMW-2 | NW-00490 | 11/27/20 | 55.20 | 53.45 | 25.20 | 484 | 315 | All BWs running. No IWs running. Center pivot off. |
| FMW-3 | NW-00488 | 11/27/20 | 65.00 | 62.25 | 24.60 | 1,073 | 697 | All BWs running. No IWs running. Center pivot off. |
| BMW-1 | NW-00491 | 12/04/20 | 21.20 | 19.20 | 23.40 | 11,700 | 7,605 | No wells running. Center pivot off. Significant rainfall past week. |
| BMW-2 | NW-00489 | 12/04/20 | 23.40 | 21.60 | 23.60 | 6,267 | 4,074 | No wells running. Center pivot off. Significant rainfall past week. |
| BMW-3 | NW-00487 | 12/04/20 | 24.90 | 22.20 | 23.30 | 6,003 | 3,902 | No wells running. Center pivot off. Significant rainfall past week. |
| FMW-1 | NW-00492 | 12/04/20 | 52.10 | 50.24 | 25.00 | 526 | 342 | No wells running. Center pivot off. Significant rainfall past week. |
| FMW-2 | NW-00490 | 12/04/20 | 54.40 | 52.65 | 25.20 | 492 | 320 | No wells running. Center pivot off. Significant rainfall past week. |
| FMW-3 | NW-00488 | 12/04/20 | 60.90 | 58.15 | 24.60 | 1,046 | 680 | No wells running. Center pivot off. Significant rainfall past week. |
| BMW-1 | NW-00491 | 12/11/20 | 20.80 | 18.80 | 23.40 | 11,300 | 7,345 | No wells running. CP off. |
| BMW-2 | NW-00489 | 12/11/20 | 22.20 | 20.40 | 23.40 | 5,706 | 3,709 | No wells running. CP off. |
| BMW-3 | NW-00487 | 12/11/20 | 22.60 | 19.90 | 23.40 | 6,455 | 4,196 | No wells running. CP off. |
| FMW-1 | NW-00492 | 12/11/20 | 50.80 | 48.94 | 25.00 | 514 | 334 | No wells running. CP off. |
| FMW-2 | NW-00490 | 12/11/20 | 53.70 | 51.95 | 25.20 | 481 | 313 | No wells running. CP off. |
| FMW-3 | NW-00488 | 12/11/20 | 57.40 | 54.65 | 24.60 | 1,025 | 666 | No wells running. CP off. |
| BMW-1 | NW-00491 | 12/18/20 | 18.20 | 16.20 | 23.45 | 11,200 | 7,280 | No BWs running. No IWs running. CP off. |
| BMW-2 | NW-00489 | 12/18/20 | 19.30 | 17.50 | 23.40 | 6,088 | 3,957 | No BWs running. No IWs running. CP off. |
| BMW-3 | NW-00487 | 12/18/20 | 21.90 | 19.20 | 24.30 | 6,349 | 4,127 | No BWs running. No IWs running. CP off. |
| FMW-1 | NW-00492 | 12/18/20 | 49.40 | 47.54 | 25.00 | 516 | 335 | No BWs running. No IWs running. CP off. |
| FMW-2 | NW-00490 | 12/18/20 | 51.50 | 49.75 | 25.20 | 483 | 314 | No BWs running. No IWs running. CP off. |
| FMW-3 | NW-00488 | 12/18/20 | 55.80 | 53.05 | 24.60 | 1,034 | 672 | No BWs running. No IWs running. CP off. |
| BMW-1 | NW-00491 | 12/25/20 | 17.90 | 15.90 | 23.40 | 11,100 | 7,215 | No wells running, CP not running. |
| BMW-2 | NW-00489 | 12/25/20 | 18.50 | 16.70 | 23.40 | 6,318 | 4,107 | No wells running, CP not running. |
| BMW-3 | NW-00487 | 12/25/20 | 20.10 | 17.40 | 23.40 | 6,389 | 4,153 | No wells running, CP not running. |
| FMW-1 | NW-00492 | 12/25/20 | 49.10 | 47.24 | 25.00 | 533 | 346 | No wells running, CP not running. |
| FMW-2 | NW-00490 | 12/25/20 | 50.40 | 48.65 | 25.00 | 501 | 326 | No wells running, CP not running. |
| FMW-3 | NW-00488 | 12/25/20 | 54.50 | 51.75 | 24.60 | 1,073 | 697 | No wells running, CP not running. |
| BMW-1 | NW-00491 | 01/01/21 | 18.00 | 16.00 | 23.40 | 11,500 | 7,475 | No wells running. CP not running. |
| BMW-2 | NW-00489 | 01/01/21 | 19.50 | 17.70 | 23.40 | 6,588 | 4,282 | No wells running. CP not running. |
| BMW-3 | NW-00487 | 01/01/21 | 20.30 | 17.60 | 23.54 | 6,720 | 4,368 | No wells running. CP not running. |
| FMW-1 | NW-00492 | 01/01/21 | 48.40 | 46.54 | 25.00 | 516 | 335 | No wells running. CP not running. |
| FMW-2 | NW-00490 | 01/01/21 | 50.00 | 48.25 | 25.20 | 483 | 314 | No wells running. CP not running. |
| FMW-3 | NW-00488 | 01/01/21 | 54.60 | 51.85 | 24.60 | 1,046 | 680 | No wells running. CP not running. |

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|---|---|---|---|---|---|---|---|---|
| BMW-1 | NW-00491 | 01/08/21 | 17.70 | 15.70 | 24.40 | 10,100 | 6,565 | No wells running. CP not running. |
| BMW-2 | NW-00489 | 01/08/21 | 18.20 | 16.40 | 23.40 | 6,973 | 4,532 | No wells running. CP not running. |
| BMW-3 | NW-00487 | 01/08/21 | 19.50 | 16.80 | 23.30 | 7,058 | 4,588 | No wells running. CP not running. |
| FMW-1 | NW-00492 | 01/08/21 | 48.10 | 46.24 | 25.80 | 562 | 365 | No wells running. CP not running. |
| FMW-2 | NW-00490 | 01/08/21 | 49.40 | 47.65 | 25.20 | 525 | 341 | No wells running. CP not running. |
| FMW-3 | NW-00488 | 01/08/21 | 54.30 | 51.55 | 24.60 | 1,151 | 748 | No wells running. CP not running. |
| FMW-1 | NW-00492 | 01/11/21 | 48.00 | 46.14 | 24.90 | 475 | 309 | Re-checked reading taken on Friday 1/8. |
| BMW-1 | NW-00491 | 01/15/21 | 18.00 | 16.00 | 23.40 | 11,100 | 7,215 | No IWs running. All BWs on from 3 pm 1/11/21 to 10 am 1/12/21 |
| BMW-2 | NW-00489 | 01/15/21 | 18.50 | 16.70 | 23.40 | 6,325 | 4,111 | No IWs running. All BWs on from 3 pm 1/11/21 to 10 am 1/12/21 |
| BMW-3 | NW-00487 | 01/15/21 | 19.80 | 17.10 | 23.40 | 6,624 | 4,306 | No IWs running. All BWs on from 3 pm 1/11/21 to 10 am 1/12/21 |
| FMW-1 | NW-00492 | 01/15/21 | 47.40 | 45.54 | 25.00 | 511 | 332 | No IWs running. All BWs on from 3 pm 1/11/21 to 10 am 1/12/21 |
| FMW-2 | NW-00490 | 01/15/21 | 48.60 | 46.85 | 25.00 | 491 | 319 | No IWs running. All BWs on from 3 pm 1/11/21 to 10 am 1/12/21 |
| FMW-3 | NW-00488 | 01/15/21 | 52.00 | 49.25 | 24.60 | 1,055 | 686 | No IWs running. All BWs on from 3 pm 1/11/21 to 10 am 1/12/21 |
| BMW-1 | NW-00491 | 01/22/21 | 18.80 | 16.80 | 23.40 | 11,100 | 7,215 | No wells running. CP off. |
| BMW-2 | NW-00489 | 01/22/21 | 18.00 | 16.20 | 23.60 | 6,276 | 4,079 | No wells running. CP off. |
| BMW-3 | NW-00487 | 01/22/21 | 19.50 | 16.80 | 23.40 | 6,428 | 4,178 | No wells running. CP off. |
| FMW-1 | NW-00492 | 01/22/21 | 47.40 | 45.54 | 25.00 | 529 | 344 | No wells running. CP off. |
| FMW-2 | NW-00490 | 01/22/21 | 48.30 | 46.55 | 25.20 | 494 | 321 | No wells running. CP off. |
| FMW-3 | NW-00488 | 01/22/21 | 51.80 | 49.05 | 24.60 | 1,070 | 696 | No wells running. CP off. |
| BMW-1 | NW-00491 | 01/29/21 | 17.40 | 15.40 | 23.40 | 11,500 | 7,475 | No wells running. CP off. |
| BMW-2 | NW-00489 | 01/29/21 | 18.80 | 17.00 | 23.40 | 5,037 | 3,274 | No wells running. CP off. |
| BMW-3 | NW-00487 | 01/29/21 | 19.10 | 16.40 | 23.40 | 6,462 | 4,200 | No wells running. CP off. |
| FMW-1 | NW-00492 | 01/29/21 | 45.50 | 43.64 | 25.00 | 521 | 339 | No wells running. CP off. |
| FMW-2 | NW-00490 | 01/29/21 | 46.90 | 45.15 | 25.00 | 482 | 313 | No wells running. CP off. |
| FMW-3 | NW-00488 | 01/29/21 | 50.00 | 47.25 | 24.60 | 1,059 | 688 | No wells running. CP off. |
| BMW-1 | NW-00491 | 02/05/21 | 24.00 | 22.00 | 23.40 | 11,300 | 7,345 | Wrong calibration. All BW's running. No IWs running. CP off. |
| BMW-2 | NW-00489 | 02/05/21 | 27.80 | 26.00 | 23.30 | 5,011 | 3,257 | Wrong calibration. All BW's running. No IWs running. CP off. |
| BMW-3 | NW-00487 | 02/05/21 | 26.20 | 23.50 | 23.30 | 4,945 | 3,214 | Wrong calibration. All BW's running. No IWs running. CP off. |
| FMW-1 | NW-00492 | 02/05/21 | 45.70 | 43.84 | 25.00 | 759 | 493 | Wrong calibration. All BW's running. No IWs running. CP off. |
| FMW-2 | NW-00490 | 02/05/21 | 47.00 | 45.25 | 25.20 | 708 | 460 | Wrong calibration. All BW's running. No IWs running. CP off. |
| FMW-3 | NW-00488 | 02/05/21 | 51.30 | 48.55 | 24.60 | 1,490 | 969 | Wrong calibration. All BW's running. No IWs running. CP off. |
| BMW-1 | NW-00491 | 02/09/21 | 30.50 | 28.50 | 23.40 | 11,500 | 7,475 | All BWs running. New IW-3 jetted today. |
| BMW-2 | NW-00489 | 02/09/21 | 28.90 | 27.10 | 23.40 | 4,747 | 3,086 | All BWs running. New IW-3 jetted today. |
| BMW-3 | NW-00487 | 02/09/21 | 26.90 | 24.20 | 23.30 | 5,881 | 3,823 | All BWs running. New IW-3 jetted today. |
| FMW-1 | NW-00492 | 02/09/21 | 46.00 | 44.14 | 25.00 | 529 | 344 | All BWs running. New IW-3 jetted today. |
| FMW-2 | NW-00490 | 02/09/21 | 46.50 | 44.75 | 25.10 | 494 | 321 | All BWs running. New IW-3 jetted today. |
| FMW-3 | NW-00488 | 02/09/21 | 52.20 | 49.45 | 24.60 | 1,083 | 704 | All BWs running. New IW-3 jetted today. |
| BMW-1 | NW-00491 | 02/12/21 | 31.70 | 29.70 | 23.40 | 12,300 | 7,995 | All BWs running. New IW3 jetted 2/9 & 2/10. IW1 & IW2 started today. CP off. |
| BMW-2 | NW-00489 | 02/12/21 | 35.40 | 33.60 | 23.30 | 5,116 | 3,325 | All BWs running. New IW3 jetted 2/9 & 2/10. IW1 & IW2 started today. CP off. |
| BMW-3 | NW-00487 | 02/12/21 | 32.10 | 29.40 | 23.40 | 5,158 | 3,353 | All BWs running. New IW3 jetted 2/9 & 2/10. IW1 & IW2 started today. CP off. |
| FMW-1 | NW-00492 | 02/12/21 | 46.80 | 44.94 | 25.00 | 498 | 324 | All BWs running. New IW3 jetted 2/9 & 2/10. IW1 & IW2 started today. CP off. |
| FMW-2 | NW-00490 | 02/12/21 | 48.00 | 46.25 | 25.20 | 470 | 306 | All BWs running. New IW3 jetted 2/9 & 2/10. IW1 & IW2 started today. CP off. |
| FMW-3 | NW-00488 | 02/12/21 | 50.90 | 48.15 | 24.60 | 1,015 | 660 | All BWs running. New IW3 jetted 2/9 & 2/10. IW1 & IW2 started today. CP off. |
| BMW-1 | NW-00491 | 02/19/21 | 34.50 | 32.50 | 23.60 | 11,300 | 7,345 | All wells running. CP off. |
| BMW-2 | NW-00489 | 02/19/21 | 38.80 | 37.00 | 23.40 | 4,953 | 3,219 | All wells running. CP off. |
| BMW-3 | NW-00487 | 02/19/21 | 32.90 | 30.20 | 23.40 | 4,986 | 3,241 | All wells running. CP off. |
| FMW-1 | NW-00492 | 02/19/21 | 55.20 | 53.34 | 25.00 | 523 | 340 | All wells running. CP off. |
| FMW-2 | NW-00490 | 02/19/21 | 72.20 | 70.45 | 25.20 | 487 | 317 | All wells running. CP off. |
| FMW-3 | NW-00488 | 02/19/21 | 64.80 | 62.05 | 24.70 | 1,070 | 696 | All wells running. CP off. |
| BMW-1 | NW-00491 | 02/26/21 | 26.80 | 24.80 | 24.90 | 11,500 | 7,475 | Meter not functioning correctly, temps abnormal. No wells running. CP off. |
| BMW-2 | NW-00489 | 02/26/21 | 23.50 | 21.70 | 24.80 | 5,990 | 3,894 | Meter not functioning correctly, temps abnormal. No wells running. CP off. |
| BMW-3 | NW-00487 | 02/26/21 | 24.90 | 22.20 | 24.70 | 6,346 | 4,125 | Meter not functioning correctly, temps abnormal. No wells running. CP off. |
| FMW-1 | NW-00492 | 02/26/21 | 51.80 | 49.94 | 26.60 | 550 | 358 | Meter not functioning correctly, temps abnormal. No wells running. CP off. |
| FMW-2 | NW-00490 | 02/26/21 | 55.00 | 53.25 | 26.80 | 514 | 334 | Meter not functioning correctly, temps abnormal. No wells running. CP off. |
| FMW-3 | NW-00488 | 02/26/21 | 56.00 | 53.25 | 26.40 | 1,422 | 924 | Meter not functioning correctly, temps abnormal. No wells running. CP off. |
| BMW-1 | NW-00491 | 03/05/21 | 17.90 | 15.90 | 23.70 | 11,400 | 7,410 | No wells running. CP off. |
| BMW-2 | NW-00489 | 03/05/21 | 18.80 | 17.00 | 23.70 | 6,252 | 4,064 | No wells running. CP off. |
| BMW-3 | NW-00487 | 03/05/21 | 21.10 | 18.40 | 23.70 | 6,522 | 4,239 | No wells running. CP off. |
| FMW-1 | NW-00492 | 03/05/21 | 48.80 | 46.94 | 25.40 | 562 | 365 | No wells running. CP off. |
| FMW-2 | NW-00490 | 03/05/21 | 50.10 | 48.35 | 25.20 | 520 | 338 | No wells running. CP off. |
| FMW-3 | NW-00488 | 03/05/21 | 52.10 | 49.35 | 24.90 | 1,434 | 932 | No wells running. CP off. |
| BMW-1 | NW-00491 | 03/12/21 | 17.80 | 15.80 | 23.70 | 11,500 | 7,475 | No wells running. CP off. |
| BMW-2 | NW-00489 | 03/12/21 | 19.10 | 17.30 | 23.70 | 6,206 | 4,034 | No wells running. CP off. |
| BMW-3 | NW-00487 | 03/12/21 | 20.80 | 18.10 | 23.60 | 6,386 | 4,151 | No wells running. CP off. |
| FMW-1 | NW-00492 | 03/12/21 | 47.70 | 45.84 | 25.30 | 524 | 341 | No wells running. CP off. |

| Ekstrom Aquaculture - Palacios Farm | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FMW-2 | NW-00490 | 03/12/21 | 49.50 | 47.75 | 25.00 | 482 | 313 | No wells running. CP off. |
| FMW-3 | NW-00488 | 03/12/21 | 51.30 | 48.55 | 24.80 | 1,323 | 860 | No wells running. CP off. |
| BMW-1 | NW-00491 | 03/19/21 | 18.00 | 16.00 | 23.70 | 11,300 | 7,345 | No wells running. CP off. |
| BMW-2 | NW-00489 | 03/19/21 | 19.00 | 17.20 | 23.70 | 6,429 | 4,179 | No wells running. CP off. |
| BMW-3 | NW-00487 | 03/19/21 | 20.30 | 17.60 | 23.60 | 6,568 | 4,269 | No wells running. CP off. |
| FMW-1 | NW-00492 | 03/19/21 | 47.70 | 45.84 | 25.20 | 521 | 339 | No wells running. CP off. |
| FMW-2 | NW-00490 | 03/19/21 | 49.00 | 47.25 | 25.30 | 487 | 317 | No wells running. CP off. |
| FMW-3 | NW-00488 | 03/19/21 | 50.40 | 47.65 | 24.80 | 1,314 | 854 | No wells running. CP off. |
| BMW-1 | NW-00491 | 03/26/21 | 18.40 | 16.40 | 23.70 | 12,000 | 7,800 | No wells running. CP off. |
| BMW-2 | NW-00489 | 03/26/21 | 18.10 | 16.30 | 23.70 | 6,695 | 4,352 | No wells running. CP off. |
| BMW-3 | NW-00487 | 03/26/21 | 20.40 | 17.70 | 23.70 | 6,816 | 4,430 | No wells running. CP off. |
| FMW-1 | NW-00492 | 03/26/21 | 46.60 | 44.74 | 25.30 | 534 | 347 | No wells running. CP off. |
| FMW-2 | NW-00490 | 03/26/21 | 46.80 | 45.05 | 25.30 | 499 | 324 | No wells running. CP off. |
| FMW-3 | NW-00488 | 03/26/21 | 48.20 | 45.45 | 24.80 | 1,341 | 872 | No wells running. CP off. |
| BMW-1 | NW-00491 | 04/02/21 | 16.50 | 14.50 | 23.70 | 12,100 | 7,865 | No wells running. CP off. |
| BMW-2 | NW-00489 | 04/02/21 | 16.90 | 15.10 | 23.70 | 6,588 | 4,282 | No wells running. CP off. |
| BMW-3 | NW-00487 | 04/02/21 | 18.40 | 15.70 | 23.60 | 6,762 | 4,395 | No wells running. CP off. |
| FMW-1 | NW-00492 | 04/02/21 | 44.00 | 42.14 | 25.20 | 522 | 339 | No wells running. CP off. |
| FMW-2 | NW-00490 | 04/02/21 | 45.00 | 43.25 | 24.80 | 481 | 313 | No wells running. CP off. |
| FMW-3 | NW-00488 | 04/02/21 | 46.80 | 44.05 | 24.80 | 1,303 | 847 | No wells running. CP off. |
| BMW-1 | NW-00491 | 04/09/21 | 16.70 | 14.70 | 23.70 | 11,500 | 7,475 | No IW's running. BW 4,5,6,9,11,7 running. CP off. |
| BMW-2 | NW-00489 | 04/09/21 | 18.10 | 16.30 | 23.70 | 6,542 | 4,252 | No IW's running. BW 4,5,6,9,11,7 running. CP off. |
| BMW-3 | NW-00487 | 04/09/21 | 18.80 | 16.10 | 23.60 | 6,623 | 4,305 | No IW's running. BW 4,5,6,9,11,7 running. CP off. |
| FMW-1 | NW-00492 | 04/09/21 | 44.50 | 42.64 | 25.30 | 518 | 337 | No IW's running. BW 4,5,6,9,11,7 running. CP off. |
| FMW-2 | NW-00490 | 04/09/21 | 45.70 | 43.95 | 25.30 | 485 | 315 | No IW's running. BW 4,5,6,9,11,7 running. CP off. |
| FMW-3 | NW-00488 | 04/09/21 | 49.20 | 46.45 | 24.80 | 1,298 | 844 | No IW's running. BW 4,5,6,9,11,7 running. CP off. |
| BMW-1 | NW-00491 | 04/16/21 | 21.10 | 19.10 | 23.70 | 11,800 | 7,670 | All BWs off. IW-2 on. CP off. |
| BMW-2 | NW-00489 | 04/16/21 | 20.70 | 18.90 | 23.60 | 5,109 | 3,321 | All BWs off. IW-2 on. CP off. |
| BMW-3 | NW-00487 | 04/16/21 | 19.50 | 16.80 | 23.60 | 6,694 | 4,351 | All BWs off. IW-2 on. CP off. |
| FMW-1 | NW-00492 | 04/16/21 | 46.70 | 44.84 | 25.20 | 503 | 327 | All BWs off. IW-2 on. CP off. |
| FMW-2 | NW-00490 | 04/16/21 | 54.80 | 53.05 | 25.30 | 473 | 307 | All BWs off. IW-2 on. CP off. |
| FMW-3 | NW-00488 | 04/16/21 | 56.30 | 53.55 | 24.80 | 1,267 | 824 | All BWs off. IW-2 on. CP off. |
| BMW-1 | NW-00491 | 04/23/21 | 19.00 | 17.00 | 23.70 | 11,500 | 7,475 | CP off (was running 2 days ago. BW's off. IW2 running. |
| BMW-2 | NW-00489 | 04/23/21 | 21.70 | 19.90 | 23.70 | 6,592 | 4,285 | CP off (was running 2 days ago. BW's off. IW2 running. |
| BMW-3 | NW-00487 | 04/23/21 | 23.10 | 20.40 | 23.60 | 5,962 | 3,875 | CP off (was running 2 days ago. BW's off. IW2 running. |
| FMW-1 | NW-00492 | 04/23/21 | 46.60 | 44.74 | 25.20 | 502 | 326 | CP off (was running 2 days ago. BW's off. IW2 running. |
| FMW-2 | NW-00490 | 04/23/21 | 49.30 | 47.55 | 25.30 | 471 | 306 | CP off (was running 2 days ago. BW's off. IW2 running. |
| FMW-3 | NW-00488 | 04/23/21 | 54.50 | 51.75 | 24.80 | 1,265 | 822 | CP off (was running 2 days ago. BW's off. IW2 running. |
| BMW-1 | NW-00491 | 04/30/21 | 16.60 | 14.60 | 23.70 | 11,900 | 7,735 | No wells running. CP off. |
| BMW-2 | NW-00489 | 04/30/21 | 17.40 | 15.60 | 23.70 | 6,630 | 4,310 | No wells running. CP off. |
| BMW-3 | NW-00487 | 04/30/21 | 20.00 | 17.30 | 23.60 | 6,670 | 4,336 | No wells running. CP off. |
| FMW-1 | NW-00492 | 04/30/21 | 47.20 | 45.34 | 25.20 | 509 | 331 | No wells running. CP off. |
| FMW-2 | NW-00490 | 04/30/21 | 55.10 | 53.35 | 25.30 | 476 | 309 | No wells running. CP off. |
| FMW-3 | NW-00488 | 04/30/21 | 58.20 | 55.45 | 24.80 | 1,276 | 829 | No wells running. CP off. |
| BMW-1 | NW-00491 | 05/07/21 | 17.40 | 15.40 | 23.70 | 11,100 | 7,215 | No wells running. CP off. |
| BMW-2 | NW-00489 | 05/07/21 | 17.20 | 15.40 | 23.70 | 6,267 | 4,074 | No wells running. CP off. |
| BMW-3 | NW-00487 | 05/07/21 | 18.70 | 16.00 | 23.70 | 5,997 | 3,898 | No wells running. CP off. |
| FMW-1 | NW-00492 | 05/07/21 | 46.60 | 44.74 | 25.30 | 504 | 328 | No wells running. CP off. |
| FMW-2 | NW-00490 | 05/07/21 | 48.30 | 46.55 | 25.30 | 472 | 307 | No wells running. CP off. |
| FMW-3 | NW-00488 | 05/07/21 | 51.00 | 48.25 | 24.80 | 1,568 | 1,019 | No wells running. CP off. |
| BMW-1 | NW-00491 | 05/14/21 | 17.20 | 15.20 | 23.60 | 11,400 | 7,410 | IWs off. Only BW7 running. CP off. |
| BMW-2 | NW-00489 | 05/14/21 | 17.10 | 15.30 | 23.60 | 6,256 | 4,066 | IWs off. Only BW7 running. CP off. |
| BMW-3 | NW-00487 | 05/14/21 | 18.50 | 15.80 | 23.70 | 6,741 | 4,382 | IWs off. Only BW7 running. CP off. |
| FMW-1 | NW-00492 | 05/14/21 | 45.20 | 43.34 | 25.30 | 520 | 338 | IWs off. Only BW7 running. CP off. |
| FMW-2 | NW-00490 | 05/14/21 | 46.80 | 45.05 | 25.00 | 480 | 312 | IWs off. Only BW7 running. CP off. |
| FMW-3 | NW-00488 | 05/14/21 | 48.70 | 45.95 | 24.80 | 1,603 | 1,042 | IWs off. Only BW7 running. CP off. |
| BMW-1 | NW-00491 | 05/21/21 | 14.70 | 12.70 | 23.80 | 11,100 | 7,215 | No wells running. CP off. |
| BMW-2 | NW-00489 | 05/21/21 | 15.70 | 13.90 | 23.80 | 6,275 | 4,079 | No wells running. CP off. |
| BMW-3 | NW-00487 | 05/21/21 | 17.00 | 14.30 | 23.70 | 6,532 | 4,246 | No wells running. CP off. |
| FMW-1 | NW-00492 | 05/21/21 | 43.70 | 41.84 | 25.30 | 534 | 347 | No wells running. CP off. |
| FMW-2 | NW-00490 | 05/21/21 | 45.20 | 43.45 | 25.40 | 498 | 324 | No wells running. CP off. |
| FMW-3 | NW-00488 | 05/21/21 | 47.30 | 44.55 | 24.90 | 1,650 | 1,073 | No wells running. CP off. |
| BMW-1 | NW-00491 | 05/28/21 | 15.90 | 13.90 | 23.80 | 11,100 | 7,215 | No wells running. CP off. |
| BMW-2 | NW-00489 | 05/28/21 | 16.30 | 14.50 | 23.80 | 6,290 | 4,089 | No wells running. CP off. |
| BMW-3 | NW-00487 | 05/28/21 | 17.90 | 15.20 | 23.70 | 6,520 | 4,238 | No wells running. CP off. |

| Ekstrom Aquaculture - Palacios Farm | | | | | | | | |
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| FMW-1 | NW-00492 | 05/28/21 | 44.00 | 42.14 | 25.70 | 520 | 338 | No wells running. CP off. |
| FMW-2 | NW-00490 | 05/28/21 | 45.20 | 43.45 | 25.40 | 485 | 315 | No wells running. CP off. |
| FMW-3 | NW-00488 | 05/28/21 | 47.10 | 44.35 | 24.80 | 1,594 | 1,036 | No wells running. CP off. |
| BMW-1 | NW-00491 | 06/04/21 | 15.90 | 13.90 | 23.80 | 11,100 | 7,215 | No wells running. CP off. |
| BMW-2 | NW-00489 | 06/04/21 | 15.80 | 14.00 | 23.80 | 6,272 | 4,077 | No wells running. CP off. |
| BMW-3 | NW-00487 | 06/04/21 | 17.40 | 14.70 | 23.70 | 6,580 | 4,277 | No wells running. CP off. |
| FMW-1 | NW-00492 | 06/04/21 | 43.50 | 41.64 | 25.30 | 514 | 334 | No wells running. CP off. |
| FMW-2 | NW-00490 | 06/04/21 | 44.80 | 43.05 | 25.40 | 473 | 307 | No wells running. CP off. |
| FMW-3 | NW-00488 | 06/04/21 | 47.50 | 44.75 | 24.80 | 1,547 | 1,006 | No wells running. IW3B ran couple hours Wed. CP off. |
| BMW-1 | NW-00491 | 06/11/21 | 16.20 | 14.20 | 23.80 | 11,000 | 7,150 | Only BW7 running. CP off. |
| BMW-2 | NW-00489 | 06/11/21 | 16.30 | 14.50 | 23.80 | 6,354 | 4,130 | Only BW7 running. CP off. |
| BMW-3 | NW-00487 | 06/11/21 | 17.80 | 15.10 | 23.70 | 6,658 | 4,328 | Only BW7 running. CP off. |
| FMW-1 | NW-00492 | 06/11/21 | 43.30 | 41.44 | 25.30 | 523 | 340 | Only BW7 running. CP off. |
| FMW-2 | NW-00490 | 06/11/21 | 45.10 | 43.35 | 25.40 | 470 | 306 | ONly BW7 running. CP off. |
| FMW-3 | NW-00488 | 06/11/21 | 47.10 | 44.35 | 24.90 | 1,527 | 993 | Only BW7 running. CP off. |
| BMW-1 | NW-00491 | 06/25/21 | 15.90 | 13.90 | 23.70 | 12,300 | 7,995 | New probe. No wells running. CP off. |
| BMW-2 | NW-00489 | 06/25/21 | 16.20 | 14.40 | 23.70 | 6,686 | 4,346 | New probe. No wells running. CP off. |
| BMW-3 | NW-00487 | 06/25/21 | 17.20 | 14.50 | 23.60 | 6,815 | 4,430 | New probe. No wells running. CP off. |
| FMW-1 | NW-00492 | 06/25/21 | 42.30 | 40.44 | 25.20 | 528 | 343 | New probe. No wells running. CP off. |
| FMW-2 | NW-00490 | 06/25/21 | 44.60 | 42.85 | 25.30 | 494 | 321 | New probe. No wells running. CP off. |
| FMW-3 | NW-00488 | 06/25/21 | 46.90 | 44.15 | 24.80 | 1,615 | 1,050 | New probe. No wells running. CP off. |
| BMW-1 | NW-00491 | 07/02/21 | 16.10 | 14.10 | 23.70 | 12,000 | 7,800 | No wells running. CP off. |
| BMW-2 | NW-00489 | 07/02/21 | 15.80 | 14.00 | 23.70 | 6,550 | 4,258 | No wells running. CP off. |
| BMW-3 | NW-00487 | 07/02/21 | 17.50 | 14.80 | 23.60 | 6,760 | 4,394 | No wells running. CP off. |
| FMW-1 | NW-00492 | 07/02/21 | 42.40 | 40.54 | 25.20 | 540 | 351 | No wells running. CP off. |
| FMW-2 | NW-00490 | 07/02/21 | 44.90 | 43.15 | 25.30 | 504 | 328 | No wells running. CP off. |
| FMW-3 | NW-00488 | 07/02/21 | 47.20 | 44.45 | 24.89 | 1,622 | 1,054 | No wells running. CP off. |
| BMW-1 | NW-00491 | 07/09/21 | 15.50 | 13.50 | 23.60 | 12,100 | 7,865 | No wells running. CP off. |
| BMW-2 | NW-00489 | 07/09/21 | 16.10 | 14.30 | 23.70 | 6,520 | 4,238 | No wells running. CP off. |
| BMW-3 | NW-00487 | 07/09/21 | 17.80 | 15.10 | 23.60 | 6,990 | 4,544 | No wells running. CP off. |
| FMW-1 | NW-00492 | 07/09/21 | 41.50 | 39.64 | 25.20 | 519 | 337 | No wells running. CP off. |
| FMW-2 | NW-00490 | 07/09/21 | 44.40 | 42.65 | 25.30 | 485 | 315 | No wells running. CP off. |
| FMW-3 | NW-00488 | 07/09/21 | 47.10 | 44.35 | 24.80 | 1,544 | 1,004 | No wells running. CP off. |
| BMW-1 | NW-00491 | 07/16/21 | 15.90 | 13.90 | 23.70 | 12,000 | 7,800 | No wells running. CP off. |
| BMW-2 | NW-00489 | 07/16/21 | 16.40 | 14.60 | 23.70 | 6,291 | 4,089 | No wells running. CP off. |
| BMW-3 | NW-00487 | 07/16/21 | 17.80 | 15.10 | 23.60 | 6,629 | 4,309 | No wells running. CP off. |
| FMW-1 | NW-00492 | 07/16/21 | 42.50 | 40.64 | 25.20 | 506 | 329 | No wells running. CP off. |
| FMW-2 | NW-00490 | 07/16/21 | 45.40 | 43.65 | 25.30 | 474 | 308 | No wells running. CP off. |
| FMW-3 | NW-00488 | 07/16/21 | 47.70 | 44.95 | 24.80 | 1,490 | 969 | No wells running. CP off. |
| BMW-1 | NW-00491 | 07/23/21 | 16.10 | 14.10 | 23.70 | 12,900 | 8,385 | No wells running. CP off. BW's 12, 13, 17 & 18 were running Tues am - Thur pm |
| BMW-2 | NW-00489 | 07/23/21 | 18.00 | 16.20 | 23.70 | 7,015 | 4,560 | No wells running. CP off. BW's 12, 13, 17 & 18 were running Tues am - Thur pm |
| BMW-3 | NW-00487 | 07/23/21 | 19.20 | 16.50 | 23.70 | 6,645 | 4,319 | No wells running. CP off. BW's 12, 13, 17 & 18 were running Tues am - Thur pm |
| FMW-1 | NW-00492 | 07/23/21 | 42.80 | 40.94 | 25.20 | 522 | 339 | No wells running. CP off. BW's 12, 13, 17 & 18 were running Tues am - Thur pm |
| FMW-2 | NW-00490 | 07/23/21 | 45.00 | 43.25 | 25.30 | 488 | 317 | No wells running. CP off. BW's 12, 13, 17 & 18 were running Tues am - Thur pm |
| FMW-3 | NW-00488 | 07/23/21 | 47.50 | 44.75 | 24.90 | 1,518 | 987 | No wells running. CP off. BW's 12, 13, 17 & 18 were running Tues am - Thur pm |
| BMW-1 | NW-00491 | 07/30/21 | 20.60 | 18.60 | 23.70 | 11,900 | 7,735 | No IWs running. 10 BWs running. CP off. |
| BMW-2 | NW-00489 | 07/30/21 | 20.30 | 18.50 | 23.60 | 5,295 | 3,442 | No IWs running. 10 BWs running. CP off. |
| BMW-3 | NW-00487 | 07/30/21 | 19.00 | 16.30 | 23.60 | 6,411 | 4,167 | No IWs running. 10 BWs running. CP off. |
| FMW-1 | NW-00492 | 07/30/21 | 42.90 | 41.04 | 25.20 | 521 | 339 | No IWs running. 10 BWs running. CP off. |
| FMW-2 | NW-00490 | 07/30/21 | 45.30 | 43.55 | 25.30 | 487 | 317 | No IWs running. 10 BWs running. CP off. |
| FMW-3 | NW-00488 | 07/30/21 | 49.30 | 46.55 | 24.90 | 1,511 | 982 | No IWs running. 10 BWs running. CP off. |
| BMW-1 | NW-00491 | 08/06/21 | 17.50 | 15.50 | 23.70 | 12,400 | 8,060 | No wells running. CP off. |
| BMW-2 | NW-00489 | 08/06/21 | 17.40 | 15.60 | 23.60 | 5,736 | 3,728 | No wells running. CP off. |
| BMW-3 | NW-00487 | 08/06/21 | 18.60 | 15.90 | 23.70 | 6,722 | 4,369 | No wells running. CP off. |
| FMW-1 | NW-00492 | 08/06/21 | 44.50 | 42.64 | 25.20 | 530 | 345 | No wells running. CP off. |
| FMW-2 | NW-00490 | 08/06/21 | 47.50 | 45.75 | 25.30 | 496 | 322 | No wells running. CP off. |
| FMW-3 | NW-00488 | 08/06/21 | 52.50 | 49.75 | 25.20 | 1,536 | 998 | No wells running. CP off. |
| BMW-1 | NW-00491 | 08/13/21 | 16.20 | 14.20 | 23.70 | 12,000 | 7,800 | No wells running. CP off. |
| BMW-2 | NW-00489 | 08/13/21 | 16.40 | 14.60 | 23.70 | 6,100 | 3,965 | No wells running. CP off. |
| BMW-3 | NW-00487 | 08/13/21 | 17.90 | 15.20 | 23.60 | 6,530 | 4,245 | No wells running. CP off. |
| FMW-1 | NW-00492 | 08/13/21 | 44.30 | 42.44 | 25.20 | 523 | 340 | No wells running. CP off. |
| FMW-2 | NW-00490 | 08/13/21 | 47.00 | 45.25 | 25.20 | 490 | 319 | No wells running. CP off. |
| FMW-3 | NW-00488 | 08/13/21 | 52.00 | 49.25 | 24.90 | 1,517 | 986 | No wells running. CP off. |
| BMW-1 | NW-00491 | 08/20/21 | 15.10 | 13.10 | 23.60 | 12,600 | 8,190 | No wells running. CP off. |
| BMW-2 | NW-00489 | 08/20/21 | 15.50 | 13.70 | 23.70 | 6,767 | 4,399 | No wells running. CP off. |

| Ekstrom Aquaculture - Palacios Farm | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BMW-3 | NW-00487 | 08/20/21 | 17.00 | 14.30 | 23.60 | 6,922 | 4,499 | No wells running. CP off. |
| FMW-1 | NW-00492 | 08/20/21 | 45.80 | 43.94 | 25.20 | 533 | 346 | No wells running. CP off. |
| FMW-2 | NW-00490 | 08/20/21 | 47.30 | 45.55 | 25.30 | 495 | 322 | No wells running. CP off. |
| FMW-3 | NW-00488 | 08/20/21 | 53.30 | 50.55 | 24.90 | 1,545 | 1,004 | No wells running. CP off. |
| BMW-1 | NW-00491 | 08/27/21 | 18.00 | 16.00 | 23.60 | 12,600 | 8,190 | IWs off. BWs 12,13,18 on. CP off. |
| BMW-2 | NW-00489 | 08/27/21 | 24.30 | 22.50 | 23.60 | 5,409 | 3,516 | IWs off. BWs 12,13,18 on. CP off. |
| BMW-3 | NW-00487 | 08/27/21 | 23.20 | 20.50 | 23.60 | 5,385 | 3,500 | IWs off. BWs 12,13,18 on. CP off. |
| FMW-1 | NW-00492 | 08/27/21 | 47.30 | 45.44 | 25.20 | 541 | 352 | IWs off. BWs 12,13,18 on. CP off. |
| FMW-2 | NW-00490 | 08/27/21 | 49.20 | 47.45 | 25.30 | 507 | 330 | IWs off. BWs 12,13,18 on. CP off. |
| FMW-3 | NW-00488 | 08/27/21 | 57.00 | 54.25 | 24.80 | 1,542 | 1,002 | IWs off. BWs 12,13,18 on. CP off. |
| BMW-1 | NW-00491 | 09/03/21 | 28.60 | 26.60 | 23.60 | 12,200 | 7,930 | IWs off. East Farm BWs off 9/2. West Farm BW's on. CP off. |
| BMW-2 | NW-00489 | 09/03/21 | 27.40 | 25.60 | 23.60 | 5,111 | 3,322 | IWs off. East Farm BWs off 9/2. West Farm BW's on. CP off. |
| BMW-3 | NW-00487 | 09/03/21 | 22.50 | 19.80 | 23.60 | 6,036 | 3,923 | IWs off. East Farm BWs off 9/2. West Farm BW's on. CP off. |
| FMW-1 | NW-00492 | 09/03/21 | 48.40 | 46.54 | 25.20 | 543 | 353 | IWs off. East Farm BWs off 9/2. West Farm BW's on. CP off. |
| FMW-2 | NW-00490 | 09/03/21 | 50.80 | 49.05 | 25.30 | 508 | 330 | IWs off. East Farm BWs off 9/2. West Farm BW's on. CP off. |
| FMW-3 | NW-00488 | 09/03/21 | 59.40 | 56.65 | 24.80 | 1,487 | 967 | IWs off. East Farm BWs off 9/2. West Farm BW's on. CP off. |
| BMW-1 | NW-00491 | 09/10/21 | 21.90 | 19.90 | 23.70 | 12,500 | 8,125 | No wells running. CP off. |
| BMW-2 | NW-00489 | 09/10/21 | 22.00 | 20.20 | 23.60 | 5,316 | 3,455 | No wells running. CP off. |
| BMW-3 | NW-00487 | 09/10/21 | 20.70 | 18.00 | 23.60 | 6,648 | 4,321 | No wells running. CP off. |
| FMW-1 | NW-00492 | 09/10/21 | 49.60 | 47.74 | 25.20 | 518 | 337 | No wells running. CP off. |
| FMW-2 | NW-00490 | 09/10/21 | 52.30 | 50.55 | 25.30 | 485 | 315 | No wells running. CP off. |
| FMW-3 | NW-00488 | 09/10/21 | 61.00 | 58.25 | 24.80 | 1,291 | 839 | No wells running. CP off. |
| BMW-1 | NW-00491 | 09/17/21 | 18.10 | 16.10 | 23.70 | 12,400 | 8,060 | No wells running. CP off. |
| BMW-2 | NW-00489 | 09/17/21 | 18.00 | 16.20 | 23.60 | 6,406 | 4,164 | No wells running. CP off. |
| BMW-3 | NW-00487 | 09/17/21 | 19.30 | 16.60 | 23.60 | 6,798 | 4,419 | No wells running. CP off. |
| FMW-1 | NW-00492 | 09/17/21 | 51.70 | 49.84 | 25.20 | 546 | 355 | No wells running. CP off. |
| FMW-2 | NW-00490 | 09/17/21 | 53.20 | 51.45 | 25.30 | 512 | 333 | No wells running. CP off. |
| FMW-3 | NW-00488 | 09/17/21 | 59.00 | 56.25 | 24.80 | 1,520 | 988 | No wells running. CP off. |
| BMW-1 | NW-00491 | 09/24/21 | 16.70 | 14.70 | 23.60 | 11,800 | 7,670 | No wells running. CP off. |
| BMW-2 | NW-00489 | 09/24/21 | 17.10 | 15.30 | 23.60 | 6,478 | 4,211 | No wells running. CP off. |
| BMW-3 | NW-00487 | 09/24/21 | 18.70 | 16.00 | 23.60 | 6,689 | 4,348 | No wells running. CP off. |
| FMW-1 | NW-00492 | 09/24/21 | 51.70 | 49.84 | 25.20 | 508 | 330 | No wells running. CP off. |
| FMW-2 | NW-00490 | 09/24/21 | 52.10 | 50.35 | 25.30 | 476 | 309 | No wells running. CP off. |
| FMW-3 | NW-00488 | 09/24/21 | 57.40 | 54.65 | 24.90 | 1,668 | 1,084 | No wells running. CP off. |
| BMW-1 | NW-00491 | 10/01/21 | 16.00 | 14.00 | 23.60 | 12,400 | 8,060 | No wells running. CP off. |
| BMW-2 | NW-00489 | 10/01/21 | 16.20 | 14.40 | 23.70 | 6,683 | 4,344 | No wells running. CP off. |
| BMW-3 | NW-00487 | 10/01/21 | 18.40 | 15.70 | 23.60 | 6,706 | 4,359 | No wells running. CP off. |
| FMW-1 | NW-00492 | 10/01/21 | 47.70 | 45.84 | 25.20 | 513 | 333 | No wells running. CP off. |
| FMW-2 | NW-00490 | 10/01/21 | 50.70 | 48.95 | 25.30 | 481 | 313 | No wells running. CP off. |
| FMW-3 | NW-00488 | 10/01/21 | 55.10 | 52.35 | 24.80 | 1,676 | 1,089 | No wells running. CP off. |
| BMW-1 | NW-00491 | 10/08/21 | 25.20 | 23.20 | 23.70 | 12,400 | 8,060 | IWs off. 13 BW's on. CP off. |
| BMW-2 | NW-00489 | 10/08/21 | 29.90 | 28.10 | 23.60 | 5,209 | 3,386 | IWs off. 13 BW's on. CP off. |
| BMW-3 | NW-00487 | 10/08/21 | 24.70 | 22.00 | 23.60 | 5,433 | 3,531 | IWs off. 13 BW's on. CP off. |
| FMW-1 | NW-00492 | 10/08/21 | 47.50 | 45.64 | 25.20 | 517 | 336 | IWs off. 13 BW's on. CP off. |
| FMW-2 | NW-00490 | 10/08/21 | 50.40 | 48.65 | 25.30 | 484 | 315 | IWs off. 13 BW's on. CP off. |
| FMW-3 | NW-00488 | 10/08/21 | 55.80 | 53.05 | 24.90 | 1,688 | 1,097 | IWs off. 13 BW's on. CP off. |
| BMW-1 | NW-00491 | 10/15/21 | 18.60 | 16.60 | 23.60 | 12,600 | 8,190 | IWs off. 4 BW's on. CP off. |
| BMW-2 | NW-00489 | 10/15/21 | 24.20 | 22.40 | 23.60 | 5,278 | 3,431 | IWs off. 4 BW's on. CP off. |
| BMW-3 | NW-00487 | 10/15/21 | 26.40 | 23.70 | 23.60 | 5,024 | 3,266 | IWs off. 4 BW's on. CP off. |
| FMW-1 | NW-00492 | 10/15/21 | 47.80 | 45.94 | 25.20 | 509 | 331 | IWs off. 4 BW's on. CP off. |
| FMW-2 | NW-00490 | 10/15/21 | 50.60 | 48.85 | 25.30 | 477 | 310 | IWs off. 4 BW's on. CP off. |
| FMW-3 | NW-00488 | 10/15/21 | 56.00 | 53.25 | 24.80 | 1,652 | 1,074 | IWs off. 4 BW's on. CP off. |
| BMW-1 | NW-00491 | 10/22/21 | 19.70 | 17.70 | 23.70 | 12,300 | 7,995 | East Farm BWs on. IWs off. CP off. |
| BMW-2 | NW-00489 | 10/22/21 | 26.80 | 25.00 | 23.60 | 5,441 | 3,537 | East Farm BWs on. IWs off. CP off. |
| BMW-3 | NW-00487 | 10/22/21 | 31.00 | 28.30 | 23.60 | 5,156 | 3,351 | East Farm BWs on. IWs off. CP off. |
| FMW-1 | NW-00492 | 10/22/21 | 47.90 | 46.04 | 25.20 | 562 | 365 | East Farm BWs on. IWs off. CP off. |
| FMW-2 | NW-00490 | 10/22/21 | 50.70 | 48.95 | 25.30 | 527 | 343 | East Farm BWs on. IWs off. CP off. |
| FMW-3 | NW-00488 | 10/22/21 | 55.00 | 52.25 | 24.80 | 1,786 | 1,161 | East Farm BWs on. IWs off. CP off. |
| BMW-1 | NW-00491 | 10/29/21 | 19.00 | 17.00 | 23.60 | 12,300 | 7,995 | No wells running. CP off. |
| BMW-2 | NW-00489 | 10/29/21 | 20.40 | 18.60 | 23.60 | 6,990 | 4,544 | No wells running. CP off. |
| BMW-3 | NW-00487 | 10/29/21 | 22.50 | 19.80 | 23.60 | 6,563 | 4,266 | No wells running. CP off. |
| FMW-1 | NW-00492 | 10/29/21 | 49.60 | 47.74 | 25.20 | 526 | 342 | No wells running. CP off. |
| FMW-2 | NW-00490 | 10/29/21 | 52.70 | 50.95 | 25.30 | 490 | 319 | No wells running. CP off. |
| FMW-3 | NW-00488 | 10/29/21 | 56.00 | 53.25 | 24.90 | 1,694 | 1,101 | No wells running. CP off. |
| BMW-1 | NW-00491 | 11/05/21 | 17.00 | 15.00 | 23.60 | 13,400 | 8,710 | No wells running. CP off. |

| Ekstrom Aquaculture - Palacios Farm | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BMW-2 | NW-00489 | 11/05/21 | 18.20 | 16.40 | 23.60 | 6,813 | 4,428 | No wells running. CP off. |
| BMW-3 | NW-00487 | 11/05/21 | 19.70 | 17.00 | 23.60 | 7,118 | 4,627 | No wells running. CP off. |
| FMW-1 | NW-00492 | 11/05/21 | 47.30 | 45.44 | 25.20 | 532 | 346 | No wells running. CP off. |
| FMW-2 | NW-00490 | 11/05/21 | 49.70 | 47.95 | 25.30 | 493 | 320 | No wells running. CP off. |
| FMW-3 | NW-00488 | 11/05/21 | 53.60 | 50.85 | 24.80 | 1,722 | 1,119 | No wells running. CP off. |
| BMW-1 | NW-00491 | 11/12/21 | 18.80 | 16.80 | 23.60 | 12,700 | 8,255 | IW's off. BWs 12,13,17,18 on. CP off. |
| BMW-2 | NW-00489 | 11/12/21 | 26.10 | 24.30 | 23.60 | 5,123 | 3,330 | IW's off. BWs 12,13,17,18 on. CP off. |
| BMW-3 | NW-00487 | 11/12/21 | 22.41 | 19.71 | 23.60 | 6,460 | 4,199 | IW's off. BWs 12,13,17,18 on. CP off. |
| FMW-1 | NW-00492 | 11/12/21 | 47.20 | 45.34 | 25.20 | 533 | 346 | IW's off. BWs 12,13,17,18 on. CP off. |
| FMW-2 | NW-00490 | 11/12/21 | 49.00 | 47.25 | 25.30 | 500 | 325 | IW's off. BWs 12,13,17,18 on. CP off. |
| FMW-3 | NW-00488 | 11/12/21 | 52.50 | 49.75 | 24.90 | 1,760 | 1,144 | IW's off. BWs 12,13,17,18 on. CP off. |
| BMW-1 | NW-00491 | 11/26/21 | 22.50 | 20.50 | 23.60 | 12,300 | 7,995 | No wells running. CP off. |
| BMW-2 | NW-00489 | 11/26/21 | 22.90 | 21.10 | 23.60 | 5,472 | 3,557 | No wells running. CP off. |
| BMW-3 | NW-00487 | 11/26/21 | 22.90 | 20.20 | 23.60 | 6,330 | 4,115 | No wells running. CP off. |
| FMW-1 | NW-00492 | 11/26/21 | 46.30 | 44.44 | 25.20 | 523 | 340 | No wells running. CP off. |
| FMW-2 | NW-00490 | 11/26/21 | 48.70 | 46.95 | 25.30 | 488 | 317 | No wells running. CP off. |
| FMW-3 | NW-00488 | 11/26/21 | 51.40 | 48.65 | 24.80 | 1,754 | 1,140 | No wells running. CP off. |
| BMW-1 | NW-00491 | 12/03/21 | 17.70 | 15.70 | 23.70 | 12,100 | 7,865 | IW3B running since 12/2. No BWs. CP off. |
| BMW-2 | NW-00489 | 12/03/21 | 18.22 | 16.42 | 23.60 | 6,216 | 4,040 | IW3B running since 12/2. No BWs. CP off. |
| BMW-3 | NW-00487 | 12/03/21 | 19.75 | 17.05 | 23.60 | 6,729 | 4,374 | IW3B running since 12/2. No BWs. CP off. |
| FMW-1 | NW-00492 | 12/03/21 | 45.95 | 44.09 | 25.20 | 538 | 350 | IW3B running since 12/2. No BWs. CP off. |
| FMW-2 | NW-00490 | 12/03/21 | 48.21 | 46.46 | 25.30 | 503 | 327 | IW3B running since 12/2. No BWs. CP off. |
| FMW-3 | NW-00488 | 12/03/21 | 58.63 | 55.88 | 24.90 | 1,475 | 959 | IW3B running since 12/2. No BWs. CP off. |
| BMW-1 | NW-00491 | 12/10/21 | 16.36 | 14.36 | 23.60 | 12,400 | 8,060 | IW-3B running. No other wells on. |
| BMW-2 | NW-00489 | 12/10/21 | 17.30 | 15.50 | 23.60 | 6,903 | 4,487 | IW-3B running. No other wells on. |
| BMW-3 | NW-00487 | 12/10/21 | 18.49 | 15.79 | 23.60 | 6,987 | 4,542 | IW-3B running. No other wells on. |
| FMW-1 | NW-00492 | 12/10/21 | 46.13 | 44.27 | 25.20 | 540 | 351 | IW-3B running. No other wells on. |
| FMW-2 | NW-00490 | 12/10/21 | 50.90 | 49.15 | 25.30 | 504 | 328 | IW-3B running. No other wells on. |
| FMW-3 | NW-00488 | 12/10/21 | 61.50 | 58.75 | 24.70 | 1,182 | 768 | IW-3B running. No other wells on. |
| BMW-1 | NW-00491 | 12/17/21 | 16.55 | 14.55 | 23.70 | 11,700 | 7,605 | No wells running. |
| BMW-2 | NW-00489 | 12/17/21 | 16.70 | 14.90 | 23.70 | 6,629 | 4,309 | No wells running. |
| BMW-3 | NW-00487 | 12/17/21 | 17.91 | 15.21 | 23.70 | 6,871 | 4,466 | No wells running. |
| FMW-1 | NW-00492 | 12/17/21 | 47.40 | 45.54 | 25.20 | 534 | 347 | No wells runnning. |
| FMW-2 | NW-00490 | 12/17/21 | 50.12 | 48.37 | 25.30 | 498 | 324 | No wells running. |
| FMW-3 | NW-00488 | 12/17/21 | 53.14 | 50.39 | 24.90 | 1,189 | 773 | No wells running. |
| BMW-1 | NW-00491 | 12/31/21 | 24.20 | 22.20 | 23.70 | 12,400 | 8,060 | No wells running. CP off. |
| BMW-2 | NW-00489 | 12/31/21 | 23.55 | 21.75 | 23.70 | 4,714 | 3,064 | No wells running. CP off. |
| BMW-3 | NW-00487 | 12/31/21 | 19.48 | 16.78 | 23.70 | 6,358 | 4,133 | No wells running. CP off. |
| FMW-1 | NW-00492 | 12/31/21 | 44.75 | 42.89 | 25.30 | 473 | 307 | No wells running. CP off. |
| FMW-2 | NW-00490 | 12/31/21 | 46.57 | 44.82 | 25.50 | 441 | 287 | No wells running. CP off. |
| FMW-3 | NW-00488 | 12/31/21 | 49.13 | 46.38 | 24.90 | 1,050 | 683 | No wells running. CP off. |
| BMW-1 | NW-00491 | 01/07/22 | 18.00 | 16.00 | 23.70 | 12,300 | 7,995 | BWs 3,4,6,10,11 running. No IWs. CP off. |
| BMW-2 | NW-00489 | 01/07/22 | 17.90 | 16.10 | 23.70 | 6,084 | 3,955 | BWs 3,4,6,10,11 running. No IWs. CP off. |
| BMW-3 | NW-00487 | 01/07/22 | 18.90 | 16.20 | 23.60 | 6,475 | 4,209 | BWs 3,4,6,10,11 running. No IWs. CP off. |
| FMW-1 | NW-00492 | 01/07/22 | 45.30 | 43.44 | 25.20 | 517 | 336 | BWs 3,4,6,10,11 running. No IWs. CP off. |
| FMW-2 | NW-00490 | 01/07/22 | 46.20 | 44.45 | 25.30 | 481 | 313 | BWs 3,4,6,10,11 running. No IWs. CP off. |
| FMW-3 | NW-00488 | 01/07/22 | 48.40 | 45.65 | 24.80 | 1,147 | 746 | BWs 3,4,6,10,11 running. No IWs. CP off. |

| Parameter | Solids, Total Dissolved (g/L) |
|---|---|

| | Count of Parameter Measurement | Min of Parameter Measurement | Average of Parameter Measurement | Max of Parameter Measurement |
|---|---|---|---|---|
| 2012 | 13 | 0.842 | 5.744 | 30.860 |
| 2013 | 7 | 0.456 | 0.608 | 0.709 |
| 2014 | 3 | 0.481 | 0.493 | 0.515 |
| 2015 | 13 | 0.414 | 0.890 | 2.594 |
| 2017 | 10 | 0.522 | 1.231 | 2.949 |
| 2018 | 43 | 0.434 | 3.174 | 17.320 |
| 2019 | 17 | 0.377 | 0.751 | 3.440 |
| 2020 | 10 | 0.571 | 3.602 | 7.556 |
| 2021 | 14 | 0.599 | 1.658 | 2.837 |

| Parameter | Solids, Total Dissolved (g/L) |
|---|---|

| Average of Parameter Measurement | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 2012 | 2013 | 2014 | 2015 | 2017 | 2018 | 2019 | 2020 | 2021 | |
| (Texana GCD - GW-00030) | | | | | 2.949 | 2.929 | | | 2.837 | |
| (Texana GCD - GW-00159) | | | | | | 2.710 | | | 2.739 | |
| (Texana GCD - GW-00338) | 30.860 | | | | | 2.371 | | | 2.379 | |
| (Texana GCD - GW-00161) | | | | | | | | | 2.076 | |
| (Texana GCD - GW-00169) | 2.330 | | | | | 2.091 | | | 2.037 | |
| (Texana GCD - GW-00166) | | | | | | 2.003 | | | 1.950 | |
| (Texana GCD - GW-00158) | | | | | 1.678 | 1.861 | | | 1.693 | |
| (Texana GCD - GW-00162) | | | | | | 1.670 | | | 1.646 | |
| (Texana GCD - GW-00157) | | | | | 1.459 | 1.440 | | | 1.505 | |
| (Texana GCD - GW-00140) | 1.614 | | | | | 1.479 | | | 1.429 | |
| (Texana GCD - NW-00488) | | | | | | | | 1.469 | 1.103 | -0.366 |
| (Texana GCD - GW-00090) | | | | | | 0.512 | 0.607 | | 0.614 | |
| (Texana GCD - NW-00251) | | | | | | | | | 0.611 | |
| (Texana GCD - NW-00451) | | | | | | 0.590 | 0.631 | 0.577 | 0.599 | 0.022 |
| (Texana GCD - GW-00306) | | | 0.482 | 0.426 | | | | | | |
| (Texana GCD - GW-00451) | | | | | | | 0.463 | | | |
| (Texana GCD - GW-00407) | | | | | 1.050 | | | | | |
| (Texana GCD - GW-00133) | 0.991 | | | | | | | | | |
| (Texana GCD - NW-00147) | | | | | | 17.070 | | | | |
| (Texana GCD - GW-00134) | 1.034 | | | 1.027 | | | | | | |
| (Texana GCD - GW-00403) | | | | | 0.522 | | | | | |
| (Texana GCD - GW-00135) | 1.124 | | | | | | | | | |
| (Texana GCD - GW-00439) | | | | | | 0.434 | | | | |
| (Texana GCD - GW-00136) | 1.611 | | | 1.361 | | 1.250 | | | | |
| (Texana GCD - NW-00143) | | | | | | 6.610 | | | | |
| (Texana GCD - GW-00137) | | | | 0.945 | | 0.908 | | | | |
| (Texana GCD - GW-00304) | | 0.465 | | | | | | | | |
| (Texana GCD - GW-00138) | 0.842 | | | 0.835 | | | | | | |
| (Texana GCD - GW-00116) | | | | | | 7.322 | | | | |
| (Texana GCD - GW-00139) | 2.616 | | | 2.594 | | | | | | |
| (Texana GCD - GW-00405) | | | | | 1.384 | | | | | |
| (Texana GCD - GW-00072) | 13.930 | | | | | | | | | |
| (Texana GCD - GW-00421) | | | | | | 0.450 | | | | |
| (Texana GCD - GW-00154) | | | | | 0.948 | | | | | |
| (Texana GCD - GW-00447) | | | | | | | 0.572 | | | |
| (Texana GCD - GW-00071) | 13.870 | | | | | | | | | |
| (Texana GCD - NW-00075) | | | | | | 0.494 | | | | |
| (Texana GCD - GW-00091) | | | | | | 0.457 | 0.476 | 0.571 | | |
| (Texana GCD - NW-00145) | | | | | | 8.170 | | | | |
| (Texana GCD - GW-00092) | | | | | | 3.501 | 3.440 | 3.576 | | |
| (Texana GCD - GW-00130) | | | | | | 6.980 | | | | |
| (Texana GCD - GW-00099) | | 0.573 | | | | | | | | |
| (Texana GCD - GW-00305) | | | 0.481 | 0.414 | | | | | | |
| (Texana GCD - GW-00100) | | 0.456 | | | | | | | | |
| (Texana GCD - GW-00307) | | | 0.515 | 0.443 | | | | | | |
| (Texana GCD - GW-00163) | 2.911 | | | | | | | | | |
| (Texana GCD - GW-00339) | 0.942 | | | | | | | | | |
| (Texana GCD - GW-00110) | | | | | | 7.710 | | | | |
| (Texana GCD - GW-00404) | | | | | 0.575 | | | | | |
| (Texana GCD - GW-00111) | | | | | | 7.070 | | | | |
| (Texana GCD - GW-00406) | | | | | 0.695 | | | | | |
| (Texana GCD - GW-00171) | | | | 0.710 | | | | | | |
| (Texana GCD - GW-00420) | | | | | | 0.484 | | | | |
| (Texana GCD - GW-00172) | | | | 0.701 | | | | | | |
| (Texana GCD - GW-00438) | | | | | | 0.484 | | | | |
| (Texana GCD - GW-00173) | | | | 0.720 | | | | | | |
| (Texana GCD - GW-00444) | | | | | | 0.623 | | | | |

| | | | | | |
|---|---|---|---|---|---|
| (Texana GCD - NW-00310) | | | | 0.706 | |
| (Texana GCD - GW-00450) | | | | 0.477 | |
| (Texana GCD - NW-00454) | | | 2.684 | | |
| (Texana GCD - GW-00452) | | | | 0.377 | |
| (Texana GCD - GW-00112) | | | 0.600 | | |
| (Texana GCD - NW-00140) | | | 0.489 | | |
| (Texana GCD - GW-00114) | | | 17.320 | | |
| (Texana GCD - NW-00144) | | | 16.560 | | |
| (Texana GCD - GW-00249) | 0.698 | | | | |
| (Texana GCD - NW-00146) | | | 4.900 | | |
| (Texana GCD - GW-00253) | | | | 0.641 | |
| (Texana GCD - GW-00117) | | | 0.520 | | |
| (Texana GCD - GW-00302) | 0.709 | | | | |
| (Texana GCD - GW-00303) | 0.681 | | | | |
| (Texana GCD - GW-00175) | | 0.693 | | | |
| (Texana GCD - NW-00487) | | | | | 5.601 |
| (Texana GCD - GW-00176) | | 0.705 | | | |
| (Texana GCD - NW-00489) | | | | | 5.778 |
| (Texana GCD - GW-00244) | 0.673 | | | 0.675 | |
| (Texana GCD - GW-00247) | | | | 0.672 | |

| fid | GCD | GCD Source Document ID | GCD Water Well ID | Measurement Date | Measurement Method | Parameter | Parameter Measurement |
|---|---|---|---|---|---|---|---|
| 401 | Texana GCD | Texana GCD - WQM-20120503-02 | (Texana GCD - GW-00071) | 5/3/2012 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 13.87 |
| 406 | Texana GCD | Texana GCD -WQFM-20120503-01 | (Texana GCD - GW-00072) | 5/3/2012 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 13.93 |
| 411 | Texana GCD | Texana GCD - WQM-20120503-04 | (Texana GCD - GW-00338) | 5/3/2012 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 30.86 |
| 414 | Texana GCD | Texana GCD - WQM-20120503-03 | (Texana GCD - GW-00339) | 5/3/2012 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.942 |
| 419 | Texana GCD | Texana GCD - WQM-20120809-01 | (Texana GCD - GW-00133) | 8/9/2012 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.991 |
| 423 | Texana GCD | Texana GCD - WQM-20120809-08 | (Texana GCD - GW-00134) | 8/9/2012 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 1.034 |
| 427 | Texana GCD | Texana GCD - WQM-20120809-07 | (Texana GCD - GW-00135) | 8/9/2012 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 1.124 |
| 431 | Texana GCD | Texana GCD - WQM-20120809-09 | (Texana GCD - GW-00136) | 8/9/2012 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 1.611 |
| 439 | Texana GCD | Texana GCD - WQM-20120809-02 | (Texana GCD - GW-00138) | 8/9/2012 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.842 |
| 443 | Texana GCD | Texana GCD - WQM-20120809-04 | (Texana GCD - GW-00139) | 8/9/2012 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 2.616 |
| 448 | Texana GCD | Texana GCD - WQM-20120809-10 | (Texana GCD - GW-00140) | 8/9/2012 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 1.614 |
| 452 | Texana GCD | Texana GCD - WQM-20120809-05 | (Texana GCD - GW-00163) | 8/9/2012 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 2.911 |
| 456 | Texana GCD | Texana GCD - WQM-20120809-03 | (Texana GCD - GW-00169) | 8/9/2012 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 2.33 |
| 525 | Texana GCD | Texana GCD - WQM-20130523-06 | (Texana GCD - GW-00099) | 5/23/2013 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.573 |
| 529 | Texana GCD | Texana GCD - WQM-20130523-05 | (Texana GCD - GW-00100) | 5/23/2013 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.456 |
| 533 | Texana GCD | Texana GCD - WQM-20130523-04 | (Texana GCD - GW-00244) | 5/23/2013 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.673 |
| 538 | Texana GCD | Texana GCD - WQM-20130523-03 | (Texana GCD - GW-00249) | 5/23/2013 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.698 |
| 543 | Texana GCD | Texana GCD - WQM-20130523-01 | (Texana GCD - GW-00302) | 5/23/2013 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.709 |
| 546 | Texana GCD | Texana GCD - WQM-20130523-02 | (Texana GCD - GW-00303) | 5/23/2013 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.681 |
| 550 | Texana GCD | Texana GCD - WQM-20130523-07 | (Texana GCD - GW-00304) | 5/23/2013 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.465 |
| 1040 | Texana GCD | Texana GCD - WQM-20140507-01 | (Texana GCD - GW-00305) | 5/6/2014 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.481 |
| 1044 | Texana GCD | Texana GCD - WQM-20140507-02 | (Texana GCD - GW-00306) | 5/6/2014 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.482 |
| 1048 | Texana GCD | Texana GCD - WQM-20140507-03 | (Texana GCD - GW-00307) | 5/6/2014 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.515 |
| 1366 | Texana GCD | Texana GCD - WQM-20150420-01 | (Texana GCD - GW-00305) | 4/20/2015 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.414 |
| 1372 | Texana GCD | Texana GCD - WQM-20150420-02 | (Texana GCD - GW-00306) | 4/20/2015 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.426 |
| 1377 | Texana GCD | Texana GCD - WQM-20150420-03 | (Texana GCD - GW-00307) | 4/20/2015 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.443 |
| 1406 | Texana GCD | Texana GCD - WQM-20150527-02 | (Texana GCD - GW-00171) | 5/27/2015 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.71 |
| 1412 | Texana GCD | Texana GCD - WQM-20150527-01 | (Texana GCD - GW-00172) | 5/27/2015 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.701 |
| 1418 | Texana GCD | Texana GCD - WQM-20150527-03 | (Texana GCD - GW-00173) | 5/27/2015 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.72 |
| 1423 | Texana GCD | Texana GCD - WQM-20150527-04 | (Texana GCD - GW-00175) | 5/27/2015 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.693 |
| 1428 | Texana GCD | Texana GCD - WQM-20150527-05 | (Texana GCD - GW-00176) | 5/27/2015 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.705 |
| 1433 | Texana GCD | Texana GCD - WQM-20150528-01 | (Texana GCD - GW-00134) | 5/28/2015 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 1.027 |
| 1438 | Texana GCD | Texana GCD - WQM-20150528-02 | (Texana GCD - GW-00136) | 5/28/2015 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 1.361 |
| 1443 | Texana GCD | Texana GCD - WQM-20150528-04 | (Texana GCD - GW-00137) | 5/28/2015 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.945 |
| 1448 | Texana GCD | Texana GCD - WQM-20150528-05 | (Texana GCD - GW-00138) | 5/28/2015 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.835 |
| 1453 | Texana GCD | Texana GCD - WQM-20150528-03 | (Texana GCD - GW-00139) | 5/28/2015 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 2.594 |
| 2021 | Texana GCD | Texana GCD - WQM-20170302-02 | (Texana GCD - GW-00158) | 3/2/2017 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 1.678 |
| 2028 | Texana GCD | Texana GCD - WQM-20170302-01 | (Texana GCD - GW-00407) | 3/2/2017 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 1.028 |
| 2264 | Texana GCD | Texana GCD - WQM-20170516-06 | (Texana GCD - GW-00030) | 5/16/2017 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 2.949 |
| 2271 | Texana GCD | Texana GCD - WQM-20170516-05 | (Texana GCD - GW-00157) | 5/16/2017 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 1.459 |
| 2278 | Texana GCD | Texana GCD - WQM-20170516-02 | (Texana GCD - GW-00403) | 5/16/2017 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.522 |
| 2284 | Texana GCD | Texana GCD - WQM-20170516-01 | (Texana GCD - GW-00404) | 5/16/2017 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.575 |
| 2291 | Texana GCD | Texana GCD - WQM-20170516-03 | (Texana GCD - GW-00405) | 5/16/2017 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 1.384 |
| 2298 | Texana GCD | Texana GCD - WQM-20170516-04 | (Texana GCD - GW-00406) | 5/16/2017 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.695 |
| 2304 | Texana GCD | Texana GCD - WQM-20170518-01 | (Texana GCD - GW-00154) | 5/18/2017 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.948 |
| 2311 | Texana GCD | Texana GCD - WQM-20170518-02 | (Texana GCD - GW-00407) | 5/18/2017 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 1.072 |
| 2563 | Texana GCD | Texana GCD - WQM-20180123-01 | (Texana GCD - GW-00136) | 1/23/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 1.25 |
| 2570 | Texana GCD | Texana GCD - WQM-20180123-02 | (Texana GCD - GW-00137) | 1/23/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.908 |
| 2586 | Texana GCD | Texana GCD - WQM-20180214-25 | (Texana GCD - GW-00140) | 2/14/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 1.479 |
| 2593 | Texana GCD | Texana GCD - WQM-20180214-29 | (Texana GCD - GW-00158) | 2/14/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 1.861 |
| 2600 | Texana GCD | Texana GCD - WQM-20180214-11 | (Texana GCD - GW-00159) | 2/14/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 2.71 |
| 2607 | Texana GCD | Texana GCD - WQM-20180214-21 | (Texana GCD - GW-00162) | 2/14/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 1.67 |
| 2613 | Texana GCD | Texana GCD - WQM-20180214-17 | (Texana GCD - GW-00166) | 2/14/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 2.003 |
| 2620 | Texana GCD | Texana GCD - WQM-20180214-03 | (Texana GCD - GW-00169) | 2/14/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 2.091 |
| 2627 | Texana GCD | Texana GCD - WQM-20180223-15 | (Texana GCD - GW-00030) | 2/23/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 2.929 |
| 2634 | Texana GCD | Texana GCD - WQM-20180223-11 | (Texana GCD - GW-00157) | 2/23/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 1.44 |
| 2641 | Texana GCD | Texana GCD - WQM-20180223-07 | (Texana GCD - GW-00338) | 2/23/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 2.371 |
| 2751 | Texana GCD | Texana GCD - WQFM-20180403:1118 | (Texana GCD - GW-00110) | 4/3/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 7.71 |
| 2758 | Texana GCD | Texana GCD - WQFM-20180403:1201 | (Texana GCD - GW-00111) | 4/3/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 7.07 |
| 2765 | Texana GCD | Texana GCD - WQFM-20180403:1541 | (Texana GCD - GW-00112) | 4/3/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.6 |
| 2772 | Texana GCD | Texana GCD - WQFM-20180403:1448 | (Texana GCD - GW-00114) | 4/3/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 17.32 |
| 2779 | Texana GCD | Texana GCD - WQFM-20180403:1005 | (Texana GCD - GW-00116) | 4/3/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 7.322 |
| 2785 | Texana GCD | Texana GCD - WQFM-20180403:1636 | (Texana GCD - GW-00117) | 4/3/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.52 |
| 2791 | Texana GCD | Texana GCD - WQFM-20180403:1057 | (Texana GCD - GW-00130) | 4/3/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 6.98 |
| 2797 | Texana GCD | Texana GCD - WQFM-20180403:1347 | (Texana GCD - NW-00143) | 4/3/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 6.61 |
| 2804 | Texana GCD | Texana GCD -WQFM-20180403:1246 | (Texana GCD - NW-00144) | 4/3/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 16.56 |
| 2811 | Texana GCD | Texana GCD - WQFM-20180403:1023 | (Texana GCD - NW-00145) | 4/3/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 8.17 |
| 2817 | Texana GCD | Texana GCD - WQFM-20180403:1514 | (Texana GCD - NW-00146) | 4/3/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 4.9 |
| 2824 | Texana GCD | Texana GCD - WQFM-20180403:1417 | (Texana GCD - NW-00147) | 4/3/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 17.07 |
| 2838 | Texana GCD | Texana GCD - WQFM-20180405:0831 | (Texana GCD - GW-00420) | 4/5/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.49 |
| 2844 | Texana GCD | Texana GCD - WQFM-20180405:1435 | (Texana GCD - GW-00421) | 4/5/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.45 |
| 2880 | Texana GCD | Texana GCD - WQFM-20180430:1008 | (Texana GCD - GW-00420) | 4/30/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.48 |
| 2886 | Texana GCD | Texana GCD - WQFM-201804301025 | (Texana GCD - GW-00421) | 4/30/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.45 |
| 2892 | Texana GCD | Texana GCD - WQFM-20180502:0926 | (Texana GCD - GW-00420) | 5/2/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.48 |
| 2898 | Texana GCD | Texana GCD - WQFM-20180502:0953 | (Texana GCD - GW-00421) | 5/2/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.45 |
| 2904 | Texana GCD | Texana GCD - WQFM-20180504:0926 | (Texana GCD - GW-00420) | 5/4/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.48 |
| 2909 | Texana GCD | Texana GCD - WQFM-20180504:0954 | (Texana GCD - GW-00421) | 5/4/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.45 |
| 2915 | Texana GCD | Texana GCD - WQFM-20180507:0942 | (Texana GCD - GW-00420) | 5/7/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.49 |
| 2921 | Texana GCD | Texana GCD - WQFM-20180507:1010 | (Texana GCD - GW-00421) | 5/7/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.45 |
| 3162 | Texana GCD | Texana GCD - WQFM-20180905:0200 | (Texana GCD - GW-00090) | 9/5/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.512 |
| 3168 | Texana GCD | Texana GCD - WQFM-20180905:0956 | (Texana GCD - GW-00438) | 9/5/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.484 |

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| 3174 | Texana GCD | Texana GCD - WQFM-20180905:1135 | (Texana GCD - NW-00075) | 9/5/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.494 |
| 3180 | Texana GCD | Texana GCD - WQFM-20180905:1115 | (Texana GCD - NW-00140) | 9/5/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.489 |
| 3186 | Texana GCD | Texana GCD - WQFM-20180905:1248 | (Texana GCD - NW-00451) | 9/5/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.59 |
| 3193 | Texana GCD | Texana GCD - WQFM-20180906:0945 | (Texana GCD - GW-00092) | 9/6/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 3.501 |
| 3198 | Texana GCD | Texana GCD - WQFM-20180906:0117 | (Texana GCD - GW-00444) | 9/6/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.623 |
| 3204 | Texana GCD | Texana GCD - WQFM-20180906:1036 | (Texana GCD - NW-00454) | 9/6/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 2.684 |
| 3212 | Texana GCD | Texana GCD - WQFM-20181008:1037 | (Texana GCD - GW-00439) | 10/8/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.434 |
| 3272 | Texana GCD | Texana GCD - WQFM-20190103:1105 | (Texana GCD - GW-00090) | 1/3/2019 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.625 |
| 3279 | Texana GCD | Texana GCD - WQFM-20190103:0203 | (Texana GCD - GW-00092) | 1/3/2019 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 3.44 |
| 3286 | Texana GCD | Texana GCD - WQFM-20190103:1002 | (Texana GCD - GW-00447) | 1/3/2019 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.572 |
| 3291 | Texana GCD | Texana GCD - WQFM-20190103:0112 | (Texana GCD - GW-00450) | 1/3/2019 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.477 |
| 3299 | Texana GCD | Texana GCD - WQFM-20190103:1249 | (Texana GCD - GW-00451) | 1/3/2019 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.463 |
| 3489 | Texana GCD | Texana GCD - WQFM-20190312:1123 | (Texana GCD - GW-00452) | 3/12/2019 | (Calibrated Probe) | Solids, Total Dissolved (g/L) | 0.377 |
| 3500 | Texana GCD | Texana GCD - WQFM-20190327:0128 | (Texana GCD - GW-00244) | 3/27/2019 | (Calibrated Probe) | Solids, Total Dissolved (g/L) | 0.665 |
| 3513 | Texana GCD | Texana GCD - WQFM-20190327:0251 | (Texana GCD - GW-00247) | 3/27/2019 | (Calibrated Probe) | Solids, Total Dissolved (g/L) | 0.669 |
| 3520 | Texana GCD | Texana GCD - WQFM-20190327:0933 | (Texana GCD - NW-00310) | 3/27/2019 | (Calibrated Probe) | Solids, Total Dissolved (g/L) | 0.706 |
| 3534 | Texana GCD | Texana GCD - WQFM-20190327:1147 | (Texana GCD - GW-00090) | 3/27/2019 | (Calibrated Probe) | Solids, Total Dissolved (g/L) | 0.552 |
| 3540 | Texana GCD | Texana GCD - WQFM-20180905:0135 | (Texana GCD - GW-00091) | 9/5/2018 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.457 |
| 3548 | Texana GCD | Texana GCD - WQFM-20190327:1214 | (Texana GCD - GW-00091) | 3/27/2019 | (Calibrated Probe) | Solids, Total Dissolved (g/L) | 0.466 |
| 3549 | Texana GCD | Texana GCD - WQFM-20200109.1055 | (Texana GCD - NW-00487) | 1/9/2020 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 6.253 |
| 3550 | Texana GCD | Texana GCD -WQFM-20200619.1010 | (Texana GCD - NW-00487) | 6/19/2020 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 7.556 |
| 3551 | Texana GCD | Texana GCD -WQFM-20200108.0953 | (Texana GCD - NW-00487) | 1/8/2020 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 2.993 |
| 3552 | Texana GCD | Texana GCD -WQFM-20200113.1025 | (Texana GCD - NW-00488) | 1/13/2020 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 1.533 |
| 3553 | Texana GCD | Texana GCD -WQFM-20200619.1106 | (Texana GCD - NW-00488) | 6/19/2020 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 1.404 |
| 3554 | Texana GCD | Texana GCD -WQFM-20200113.1048 | (Texana GCD - NW-00489) | 1/13/2020 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 6.338 |
| 3555 | Texana GCD | Texana GCD -WQFM-20200619.1137 | (Texana GCD - NW-00489) | 6/19/2020 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 5.217 |
| 3556 | Texana GCD | Texana GCD -WQFM-20200109.1502 | (Texana GCD - NW-00451) | 1/9/2020 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.577 |
| 3557 | Texana GCD | Texana GCD -WQFM-20190820.1238 | (Texana GCD - NW-00451) | 8/20/2019 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.631 |
| 3558 | Texana GCD | Texana GCD -WQFM-20190820.1145 | (Texana GCD - GW-00090) | 8/20/2019 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.645 |
| 3559 | Texana GCD | Texana GCD -WQFM-20200108.1336 | (Texana GCD - GW-00092) | 1/8/2020 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 3.576 |
| 3560 | Texana GCD | Texana GCD - WQFM-20200108.1423 | (Texana GCD - GW-00091) | 1/8/2020 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.571 |
| 3561 | Texana GCD | Texana GCD - WQFM-20190820.1210 | (Texana GCD - GW-00091) | 8/20/2019 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.485 |
| 3562 | Texana GCD | Texana GCD - WQFM-20190820.1032 | (Texana GCD - GW-00244) | 8/20/2019 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.684 |
| 3563 | Texana GCD | Texana GCD - WQFM-20190820.0958 | (Texana GCD - GW-00247) | 8/20/2019 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.675 |
| 3564 | Texana GCD | Texana GCD - WQFM-20190820.0923 | (Texana GCD - GW-00253) | 8/20/2019 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.641 |
| 3565 | Texana GCD | Texana GCD -WQFM-20210507.1252 | (Texana GCD - NW-00488) | 5/7/2021 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 1.103 |
| 3566 | Texana GCD | Texana GCD -WQFM-20210721.0932 | (Texana GCD - GW-00166) | 7/21/2021 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 1.95 |
| 3567 | Texana GCD | Texana GCD -WQFM-20210721.0959 | (Texana GCD - GW-00169) | 7/21/2021 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 2.037 |
| 3568 | Texana GCD | Texana GCD -WQFM-20210721.1039 | (Texana GCD - GW-00159) | 7/21/2021 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 2.739 |
| 3569 | Texana GCD | Texana GCD -WQFM-20210721.1111 | (Texana GCD - GW-00162) | 7/21/2021 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 1.646 |
| 3570 | Texana GCD | Texana GCD -WQFM-20210721.1141 | (Texana GCD - GW-00140) | 7/21/2021 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 1.429 |
| 3571 | Texana GCD | Texana GCD -WQFM-20210721.1212 | (Texana GCD - GW-00161) | 7/21/2021 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 2.076 |
| 3572 | Texana GCD | Texana GCD -WQFM-20210721.1237 | (Texana GCD - GW-00158) | 7/21/2021 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 1.693 |
| 3573 | Texana GCD | Texana GCD -WQFM-20210722.1156 | (Texana GCD - GW-00338) | 7/22/2021 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 2.379 |
| 3574 | Texana GCD | Texana GCD -WQFM-20210726.1340 | (Texana GCD - GW-00157) | 7/26/2021 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 1.505 |
| 3575 | Texana GCD | Texana GCD -WQFM-20210805.1205 | (Texana GCD - GW-00030) | 8/5/2021 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 2.837 |
| 3576 | Texana GCD | Texana GCD -WQFM-20210816.1145 | (Texana GCD - GW-00090) | 8/16/2021 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.614 |
| 3577 | Texana GCD | Texana GCD -WQFM-20210816.1237 | (Texana GCD - NW-00451) | 8/16/2021 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.599 |
| 3578 | Texana GCD | Texana GCD -WQFM-20210817.1324 | (Texana GCD - NW-00251) | 8/17/2021 | Conductivity Conversion | Solids, Total Dissolved (g/L) | 0.611 |

# Groundwater Conservation Program

The program enables the District to promote activities that conserve and preserve the water resources of Jackson County. The District promotes activities su rainwater harvesting, efficient use of groundwater, conjunctive use of groundwater and surface water, prevention of subsidence, prevention of waste, brush m recharge enhancement.

Contact Tim Andruss, General Manager to discuss matters related to groundwater conservation at:

- phone: (361) 579-6863
- email: tim.andruss@vcgcd.org

The Management Plan of the District defines groundwater conservation as "*the activity and practice of seeking to use a groundwater resource in a manner tha appropriately balances the impacts associated with consuming the resource and preserving the resource for the future.*" The District under takes many activiti achieve the "appropriate balance" between groundwater use and groundwater preservation including 1) establishing conservative desired future conditions fo County, 2) adopting rules that allow for limited groundwater production, 3) monitoring water levels and water quality of groundwater resources in Jackson Cou evaluating aquifer conditions using scientifically-credible methods.

**Promotion of Rainwater Harvesting**: the District encourages all water users to investigate rainwater harvesting as a means of developing alternate water s Additional information regarding rainwater harvesting can be viewed at the following website of the Texas A&M Agrilife Extension: rainwaterharvesting.tamu.edu/rainwater-basics/.

**Promotion of Efficient Use of Groundwater**: the District encourages all users of groundwater to investigate methods of increasing water usage efficiency. information regarding water efficiency opportunities can be viewed at the following website of the Office of Energy Efficiency and Renewable Energy: www.energy.gov/eere/femp/water-efficient-technology-opportunity-sprinkler-automatic-shut-devices.

**Promotion of Conjunctive Use of Groundwater and Surface Water**: the District encourages water users to examine conjunctive use practices when consi development of water supply projects that involve groundwater resources. The combined use of groundwater resources with surface water may optimize the characteristics of each source and conserve and preserve groundwater resources. Additional information regarding innovative water technologies related to c use can be viewed at the following website of the Texas Water Development Board: www.twdb.texas.gov/innovativewater/

**Promotion of Subsidence Prevention**: the District encourages groundwater producers to investigate causes of subsidence, the vulnerability of areas within to subsidence caused by groundwater production, and methods of developing groundwater resources to prevent subsidence caused by or contributed to by th groundwater production. Additional information regarding subsidence can be viewed at the following website of the Texas Water Development Board: www.twdb.texas.gov/groundwater/models/research/subsidence/subsidence.asp

**Promotion of Brush Management**: the District encourages landowners to investigate the brush management as a means of potentially enhancing recharge groundwater resources. Additional information regarding brush management and the effect on water resources can be viewed at the following site of the Unit Geological Survey: www.usgs.gov/centers/ot-water/science/effects-huisache-removal-evapotranspiration?qt-science_center_objects=0#qt-science_center_o

**Promotion of Recharge Enhancement**: the District encourages large-scale groundwater producers to investigate strategies to enhance recharge, including storage and recovery projects, as a means of conserving and preserving groundwater resources through conjunctive use. Additional information regarding ac storage and recovery can be viewed at the following website of the Texas Water Development Board: www.twdb.texas.gov/innovativewater/asr/index.asp

| Parameter | Water Level Depth Below Surface (ft) |
|---|---|

| Row Labels | Count of Parameter Measurement | Average of Parameter Measurement2 |
|---|---|---|
| 2000 | 32 | 45.2 |
| 2010 | 27 | 38.1 |
| 2013 | 3 | 44.1 |
| 2014 | 45 | 42.5 |
| 2015 | 53 | 39.1 |
| 2016 | 48 | 41.8 |
| 2017 | 52 | 38.1 |
| 2018 | 71 | 36.4 |
| 2019 | 54 | 33.1 |
| 2020 | 215 | 33.9 |
| 2021 | 107 | 32.4 |

| fid | GCD | GCD Source Document ID | GCD Water Well ID | Measurement Date | Measurement Method | Parameter | Parameter Measurement |
|---|---|---|---|---|---|---|---|
| 8 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00274) | 2/21/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 21 |
| 9 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00275) | 2/21/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 30.8 |
| 10 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00276) | 2/21/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 47.5 |
| 11 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00277) | 2/21/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 46.5 |
| 12 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00279) | 2/21/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 42 |
| 13 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00280) | 2/21/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 54 |
| 14 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00281) | 2/21/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 59.8 |
| 15 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00294) | 2/21/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 96.25 |
| 16 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00295) | 2/21/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 54.8 |
| 17 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00296) | 2/21/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 71.8 |
| 18 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00297) | 2/21/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 43.45 |
| 19 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00366) | 2/21/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 88.7 |
| 20 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00415) | 2/21/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 14.7 |
| 21 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00416) | 2/21/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 22.4 |
| 30 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00112) | 2/22/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 68 |
| 31 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00283) | 2/22/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 40.45 |
| 32 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00284) | 2/22/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 29.4 |
| 33 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00285) | 2/22/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 39.85 |
| 34 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00286) | 2/22/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 33.2 |
| 35 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00287) | 2/22/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 15.75 |
| 36 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00288) | 2/22/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 23.65 |
| 37 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00289) | 2/22/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 42.6 |
| 38 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00290) | 2/22/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 32.4 |
| 39 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00291) | 2/22/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 56 |
| 40 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00292) | 2/22/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 53 |
| 41 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00293) | 2/22/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 59.1 |
| 42 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00298) | 2/22/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 46.9 |
| 43 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00320) | 2/22/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 35.35 |
| 44 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00323) | 2/22/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 50.05 |
| 45 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00354) | 2/22/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 42.8 |
| 46 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00385) | 2/22/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 27.7 |
| 47 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00417) | 2/22/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 56.2 |
| 114 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00274) | 2/8/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 20.78 |
| 115 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00275) | 2/8/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 33.12 |
| 116 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00276) | 2/8/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 43.82 |
| 117 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00277) | 2/8/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 38.29 |
| 118 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00278) | 2/8/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 46.3 |
| 119 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00279) | 2/8/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 34.63 |
| 120 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00280) | 2/8/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 45.85 |
| 121 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00281) | 2/8/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 49.97 |
| 122 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00289) | 2/8/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 34.16 |
| 123 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00293) | 2/8/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 46.75 |
| 124 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00294) | 2/8/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 85.15 |
| 125 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00295) | 2/8/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 44.78 |
| 126 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00296) | 2/8/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 62.12 |
| 127 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00297) | 2/8/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 40.38 |
| 128 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00323) | 2/8/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 40.18 |
| 129 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00354) | 2/8/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 35.51 |
| 130 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00415) | 2/8/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 12.69 |
| 135 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00284) | 2/9/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 28.65 |
| 136 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00285) | 2/9/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 33.59 |
| 137 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00286) | 2/9/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 33.24 |
| 138 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00287) | 2/9/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 12.93 |
| 139 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00288) | 2/9/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 19.02 |
| 140 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00291) | 2/9/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 31.24 |
| 141 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00292) | 2/9/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 48.04 |
| 142 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00298) | 2/9/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 35.09 |
| 143 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00299) | 2/9/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 41.17 |
| 144 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00320) | 2/9/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 30.58 |
| 535 | Texana GCD | Texana GCD - WLM-20130523-02 | (Texana GCD - GW-00244) | 5/23/2013 | Steel Tape | Water Level Depth Below Surface (ft) | 33.55 |
| 540 | Texana GCD | Texana GCD - WLM-20130523-01 | (Texana GCD - GW-00300) | 5/23/2013 | Steel Tape | Water Level Depth Below Surface (ft) | 41.5 |
| 541 | Texana GCD | Texana GCD - WLM-20130523-03 | (Texana GCD - GW-00301) | 5/23/2013 | Steel Tape | Water Level Depth Below Surface (ft) | 57.3 |
| 857 | Texana GCD | Texana GCD - WLM-20140305-01 | (Texana GCD - GW-00294) | 2/24/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 85.47 |
| 858 | Texana GCD | Texana GCD - WLM-20140305-03 | (Texana GCD - GW-00295) | 2/24/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 51.45 |
| 859 | Texana GCD | Texana GCD - WLM-20140305-02 | (Texana GCD - GW-00296) | 2/24/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 60.33 |
| 860 | Texana GCD | Texana GCD - WLM-20140305-04 | (Texana GCD - GW-00297) | 2/24/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 44.55 |
| 861 | Texana GCD | Texana GCD - WLM-20140226-01 | (Texana GCD - GW-00274) | 2/25/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 22.27 |
| 862 | Texana GCD | Texana GCD - WLM-20140226-02 | (Texana GCD - GW-00275) | 2/25/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 31.21 |
| 863 | Texana GCD | Texana GCD - WLM-20140226-03 | (Texana GCD - GW-00276) | 2/25/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 46.52 |
| 864 | Texana GCD | Texana GCD - WLM-20140226-04 | (Texana GCD - GW-00277) | 2/25/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 39 |
| 865 | Texana GCD | Texana GCD - WLM-20140226-05 | (Texana GCD - GW-00278) | 2/25/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 49.95 |
| 866 | Texana GCD | Texana GCD - WLM-20140226-06 | (Texana GCD - GW-00280) | 2/25/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 50.12 |
| 867 | Texana GCD | Texana GCD - WLM-20140226-07 | (Texana GCD - GW-00281) | 2/25/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 53.45 |
| 868 | Texana GCD | Texana GCD - WLM-20140226-08 | (Texana GCD - GW-00320) | 2/25/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 31.71 |
| 869 | Texana GCD | Texana GCD - WLM-20140304-02 | (Texana GCD - GW-00283) | 2/27/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 34.61 |
| 870 | Texana GCD | Texana GCD - WLM-20140304-03 | (Texana GCD - GW-00285) | 2/27/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 35.57 |
| 871 | Texana GCD | Texana GCD - WLM-20140304-04 | (Texana GCD - GW-00286) | 2/27/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 6.65 |
| 872 | Texana GCD | Texana GCD - WLM-20140304-05 | (Texana GCD - GW-00287) | 2/27/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 14.76 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 873 | Texana GCD | Texana GCD - WLM-20140304-06 | (Texana GCD - GW-00288) | 2/27/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 21.45 |
| 874 | Texana GCD | Texana GCD - WLM-20140304-07 | (Texana GCD - GW-00289) | 2/27/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 37.28 |
| 875 | Texana GCD | Texana GCD - WLM-20140304-08 | (Texana GCD - GW-00290) | 2/27/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 18.31 |
| 876 | Texana GCD | Texana GCD - WLM-20140304-09 | (Texana GCD - GW-00291) | 2/27/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 34.66 |
| 877 | Texana GCD | Texana GCD - WLM-20140304-10 | (Texana GCD - GW-00292) | 2/27/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 39.36 |
| 878 | Texana GCD | Texana GCD - WLM-20140304-11 | (Texana GCD - GW-00293) | 2/27/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 45.7 |
| 879 | Texana GCD | Texana GCD - WLM-20140304-01 | (Texana GCD - GW-00320) | 2/27/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 30.2 |
| 1142 | Texana GCD | Texana GCD - WLM-20140915-04 | (Texana GCD - GW-00274) | 9/15/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 22.9 |
| 1143 | Texana GCD | Texana GCD - WLM-20140915-02 | (Texana GCD - GW-00276) | 9/15/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 46.5 |
| 1144 | Texana GCD | Texana GCD - WLM-20140915-11 | (Texana GCD - GW-00278) | 9/15/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 59.5 |
| 1145 | Texana GCD | Texana GCD - WLM-20140915-07 | (Texana GCD - GW-00280) | 9/15/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 50.37 |
| 1146 | Texana GCD | Texana GCD - WLM-20140915-09 | (Texana GCD - GW-00281) | 9/15/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 54.05 |
| 1147 | Texana GCD | Texana GCD - WLM-20140915-13 | (Texana GCD - GW-00289) | 9/15/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 44.7 |
| 1148 | Texana GCD | Texana GCD - WLM-20140915-12 | (Texana GCD - GW-00290) | 9/15/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 27.87 |
| 1149 | Texana GCD | Texana GCD - WLM-20140915-01 | (Texana GCD - GW-00294) | 9/15/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 108.45 |
| 1150 | Texana GCD | Texana GCD - WLM-20140915-08 | (Texana GCD - GW-00296) | 9/15/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 74.47 |
| 1151 | Texana GCD | Texana GCD - WLM-20140916-14 | (Texana GCD - GW-00283) | 9/16/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 39.02 |
| 1152 | Texana GCD | Texana GCD - WLM-20140916-13 | (Texana GCD - GW-00284) | 9/16/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 30.85 |
| 1153 | Texana GCD | Texana GCD - WLM-20140916-15 | (Texana GCD - GW-00285) | 9/16/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 36.9 |
| 1154 | Texana GCD | Texana GCD - WLM-20140916-01 | (Texana GCD - GW-00286) | 9/16/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 35 |
| 1155 | Texana GCD | Texana GCD - WLM-20140916-07 | (Texana GCD - GW-00288) | 9/16/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 21.9 |
| 1156 | Texana GCD | Texana GCD - WLM-20140916-06 | (Texana GCD - GW-00291) | 9/16/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 36.1 |
| 1157 | Texana GCD | Texana GCD - WLM-20140916-05 | (Texana GCD - GW-00292) | 9/16/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 42.6 |
| 1158 | Texana GCD | Texana GCD - WLM-20140916-12 | (Texana GCD - GW-00293) | 9/16/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 56.66 |
| 1159 | Texana GCD | Texana GCD - WLM-20140916-02 | (Texana GCD - GW-00295) | 9/16/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 70 |
| 1160 | Texana GCD | Texana GCD - WLM-20140916-03 | (Texana GCD - GW-00296) | 9/16/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 45.7 |
| 1161 | Texana GCD | Texana GCD - WLM-20140916-17 | (Texana GCD - GW-00299) | 9/16/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 44.5 |
| 1162 | Texana GCD | Texana GCD - WLM-20140916-04 | (Texana GCD - GW-00320) | 9/16/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 33.83 |
| 1163 | Texana GCD | Texana GCD - WLM-20140916-09 | (Texana GCD - GW-00323) | 9/16/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 44.7 |
| 1259 | Texana GCD | Texana GCD - WLM-20150316-02 | (Texana GCD - GW-00274) | 3/16/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 22.27 |
| 1260 | Texana GCD | Texana GCD - WLM-20150316-03 | (Texana GCD - GW-00276) | 3/16/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 44.5 |
| 1261 | Texana GCD | Texana GCD - WLM-20150316-08 | (Texana GCD - GW-00278) | 3/16/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 46.28 |
| 1262 | Texana GCD | Texana GCD - WLM-20150316-05 | (Texana GCD - GW-00280) | 3/16/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 48.28 |
| 1263 | Texana GCD | Texana GCD - WLM-20150316-07 | (Texana GCD - GW-00281) | 3/16/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 50.65 |
| 1264 | Texana GCD | Texana GCD - WLM-20150316-10 | (Texana GCD - GW-00289) | 3/16/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 37.5 |
| 1265 | Texana GCD | Texana GCD - WLM-20150316-09 | (Texana GCD - GW-00290) | 3/16/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 25 |
| 1266 | Texana GCD | Texana GCD - WLM-20150316-11 | (Texana GCD - GW-00293) | 3/16/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 44.2 |
| 1267 | Texana GCD | Texana GCD - WLM-20150316-06 | (Texana GCD - GW-00296) | 3/16/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 58.8 |
| 1268 | Texana GCD | Texana GCD - WLM-20150316-01 | (Texana GCD - GW-00297) | 3/16/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 44.6 |
| 1269 | Texana GCD | Texana GCD - WLM 20150317-02 | (Texana GCD - GW-00283) | 3/17/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 34.3 |
| 1270 | Texana GCD | Texana GCD - WLM-20150317-01 | (Texana GCD - GW-00284) | 3/17/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 30.05 |
| 1271 | Texana GCD | Texana GCD - WLM-20150317-03 | (Texana GCD - GW-00285) | 3/17/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 36.2 |
| 1272 | Texana GCD | Texana GCD - WLM-20150317-06 | (Texana GCD - GW-00287) | 3/17/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 8.8 |
| 1273 | Texana GCD | Texana GCD - WLM-20150317-09 | (Texana GCD - GW-00288) | 3/17/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 19.47 |
| 1274 | Texana GCD | Texana GCD - WLM-20150317-08 | (Texana GCD - GW-00291) | 3/17/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 31.35 |
| 1275 | Texana GCD | Texana GCD - WLM-20150317-07 | (Texana GCD - GW-00292) | 3/17/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 38.9 |
| 1276 | Texana GCD | Texana GCD - WLM-20150317-04 | (Texana GCD - GW-00299) | 3/17/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 43.73 |
| 1277 | Texana GCD | Texana GCD - WLM-20150317-11 | (Texana GCD - GW-00320) | 3/17/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 30.8 |
| 1278 | Texana GCD | Texana GCD - WLM-20150317-10 | (Texana GCD - GW-00323) | 3/17/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 40.4 |
| 1340 | Texana GCD | Texana GCD - WLM-20150409-03 | (Texana GCD - GW-00195) | 4/9/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 36.25 |
| 1341 | Texana GCD | Texana GCD - WLM-20150409-05 | (Texana GCD - GW-00340) | 4/9/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 38 |
| 1342 | Texana GCD | Texana GCD - WLM-20150409-02 | (Texana GCD - GW-00409) | 4/9/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 36.95 |
| 1343 | Texana GCD | Texana GCD - WLM-20150409-01 | (Texana GCD - GW-00410) | 4/9/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 32.86 |
| 1344 | Texana GCD | Texana GCD - WLM-20150409-04 | (Texana GCD - GW-00411) | 4/9/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 36.47 |
| 1345 | Texana GCD | Texana GCD - WLM-20150413-04 | (Texana GCD - GW-00244) | 4/13/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 28.76 |
| 1346 | Texana GCD | Texana GCD - WLM-20150413-03 | (Texana GCD - GW-00247) | 4/13/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 29.9 |
| 1347 | Texana GCD | Texana GCD - WLM-20150413-02 | (Texana GCD - GW-00251) | 4/13/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 33.47 |
| 1348 | Texana GCD | Texana GCD - WLM-20150413-01 | (Texana GCD - GW-00412) | 4/13/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 27.05 |
| 1368 | Texana GCD | Texana GCD - WLM-20150420-01 | (Texana GCD - GW-00305) | 4/20/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 49.25 |
| 1408 | Texana GCD | Texana GCD - WLM-20150527-02 | (Texana GCD - GW-00171) | 5/27/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 27.8 |
| 1414 | Texana GCD | Texana GCD - WLM-20150527-01 | (Texana GCD - GW-00172) | 5/27/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 32.66 |
| 1532 | Texana GCD | Texana GCD - WLM-20150818-01 | (Texana GCD - GW-00294) | 8/18/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 108.95 |
| 1533 | Texana GCD | Texana GCD - WLM-20150818-02 | (Texana GCD - GW-00295) | 8/18/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 70.9 |
| 1537 | Texana GCD | Texana GCD - WLm-20150915-02 | (Texana GCD - GW-00274) | 9/15/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 20.85 |
| 1538 | Texana GCD | Texana GCD - WLM-20150915-03 | (Texana GCD - GW-00276) | 9/15/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 44.45 |
| 1539 | Texana GCD | Texana GCD - WLM-20150915-08 | (Texana GCD - GW-00278) | 9/15/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 55.5 |
| 1541 | Texana GCD | Texana GCD - WLM-20150915-05 | (Texana GCD - GW-00280) | 9/15/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 46.4 |
| 1542 | Texana GCD | Texana GCD - WLM-20150915-07 | (Texana GCD - GW-00281) | 9/15/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 51.4 |
| 1543 | Texana GCD | Texana GCD - WLM-20150915-10 | (Texana GCD - GW-00289) | 9/15/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 39 |
| 1544 | Texana GCD | Texana GCD - WLM-20150915-09 | (Texana GCD - GW-00290) | 9/15/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 22.9 |
| 1545 | Texana GCD | Texana GCD - WLM-20150915-11 | (Texana GCD - GW-00293) | 9/15/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 47.1 |
| 1546 | Texana GCD | Texana GCD - WLM-20150915-06 | (Texana GCD - GW-00296) | 9/15/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 69.7 |
| 1547 | Texana GCD | Texana GCD - WLM-20150915-01 | (Texana GCD - GW-00297) | 9/15/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 42.45 |
| 1548 | Texana GCD | Texana GCD - WLM-20150915-04 | (Texana GCD - NW-00310) | 9/15/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 42.8 |
| 1549 | Texana GCD | Texana GCD - WLM-20150917-02 | (Texana GCD - GW-00283) | 9/17/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 33.8 |
| 1550 | Texana GCD | Texana GCD - WLM-20150917-01 | (Texana GCD - GW-00284) | 9/17/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 30.5 |
| 1551 | Texana GCD | Texana GCD - WLM-20150917-03 | (Texana GCD - GW-00285) | 9/17/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 34.85 |
| 1552 | Texana GCD | Texana GCD - WLM-20150917-08 | (Texana GCD - GW-00288) | 9/17/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 18 |
| 1553 | Texana GCD | Texana GCD - WLM-20150917-07 | (Texana GCD - GW-00291) | 9/17/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 31.45 |
| 1554 | Texana GCD | Texana GCD - WLM-20150917-06 | (Texana GCD - GW-00292) | 9/17/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 38.9 |

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| 1555 | Texana GCD | Texana GCD - WLM-20150917-04 | (Texana GCD - GW-00299) | 9/17/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 42.1 |
| 1556 | Texana GCD | Texana GCD - WLM-20150917-10 | (Texana GCD - GW-00320) | 9/17/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 36.8 |
| 1694 | Texana GCD | Texana GCD - WLM-20160321-01 | (Texana GCD - GW-00274) | 3/21/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 18.75 |
| 1695 | Texana GCD | Texana GCD - WLM-20160321-02 | (Texana GCD - GW-00276) | 3/21/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 43.28 |
| 1696 | Texana GCD | Texana GCD - WLM-20160321-05 | (Texana GCD - GW-00278) | 3/21/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 45.27 |
| 1697 | Texana GCD | Texana GCD - WLM-20160321-04 | (Texana GCD - GW-00281) | 3/21/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 48.95 |
| 1698 | Texana GCD | Texana GCD - WLM-20160321-09 | (Texana GCD - GW-00288) | 3/21/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 17.1 |
| 1699 | Texana GCD | Texana GCD - WLM-20160321-07 | (Texana GCD - GW-00289) | 3/21/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 34 |
| 1700 | Texana GCD | Texana GCD - WLM-20160321-06 | (Texana GCD - GW-00290) | 3/21/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 24 |
| 1701 | Texana GCD | Texana GCD - WLM-20160321-11 | (Texana GCD - GW-00291) | 3/21/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 28.85 |
| 1702 | Texana GCD | Texana GCD - WLM-20160321-10 | (Texana GCD - GW-00292) | 3/21/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 35.6 |
| 1703 | Texana GCD | Texana GCD - WLM-20160321-08 | (Texana GCD - GW-00293) | 3/21/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 38.69 |
| 1704 | Texana GCD | Texana GCD - WLM-20160321-03 | (Texana GCD - GW-00294) | 3/21/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 81.6 |
| 1705 | Texana GCD | Texana GCD - WLM-20160321-12 | (Texana GCD - GW-00295) | 3/21/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 53.1 |
| 1706 | Texana GCD | Texana GCD - WLM-20160322-08 | (Texana GCD - GW-00283) | 3/22/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 31.3 |
| 1707 | Texana GCD | Texana GCD - WLM-20160322-09 | (Texana GCD - GW-00284) | 3/22/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 33.75 |
| 1708 | Texana GCD | Texana GCD - WLM-20160322-07 | (Texana GCD - GW-00285) | 3/22/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 33.75 |
| 1709 | Texana GCD | Texana GCD - WLM-20160322-05 | (Texana GCD - GW-00287) | 3/22/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 11 |
| 1710 | Texana GCD | Texana GCD - WLM-20160322-02 | (Texana GCD - GW-00297) | 3/22/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 29.86 |
| 1711 | Texana GCD | Texana GCD - WLM-20160322-06 | (Texana GCD - GW-00299) | 3/22/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 41.45 |
| 1712 | Texana GCD | Texana GCD - WLM-20160322-03 | (Texana GCD - GW-00320) | 3/22/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 29.35 |
| 1713 | Texana GCD | Texana GCD - WLM-20160322-04 | (Texana GCD - GW-00323) | 3/22/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 38.1 |
| 1714 | Texana GCD | Texana GCD - WLM-20160322-01 | (Texana GCD - NW-00310) | 3/22/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 41.85 |
| 1720 | Texana GCD | Texana GCD - WQM-20160708-01 | (Texana GCD - GW-00119) | 4/5/2016 | Electronic Tape | Water Level Depth Below Surface (ft) | 60.83 |
| 1721 | Texana GCD | Texana GCD - WQM-20160708-01 | (Texana GCD - GW-00120) | 4/5/2016 | Electronic Tape | Water Level Depth Below Surface (ft) | 71.5 |
| 1722 | Texana GCD | Texana GCD - WQM-20160708-01 | (Texana GCD - GW-00121) | 4/5/2016 | Electronic Tape | Water Level Depth Below Surface (ft) | 62.47 |
| 1723 | Texana GCD | Texana GCD - WQM-20160708-01 | (Texana GCD - GW-00122) | 4/5/2016 | Electronic Tape | Water Level Depth Below Surface (ft) | 64.26 |
| 1724 | Texana GCD | Texana GCD - WQM-20160708-01 | (Texana GCD - GW-00123) | 4/5/2016 | Electronic Tape | Water Level Depth Below Surface (ft) | 64.65 |
| 1725 | Texana GCD | Texana GCD - WQM-20160708-01 | (Texana GCD - GW-00310) | 4/5/2016 | Electronic Tape | Water Level Depth Below Surface (ft) | 46.12 |
| 1726 | Texana GCD | Texana GCD - WQM-20160708-01 | (Texana GCD - GW-00311) | 4/5/2016 | Electronic Tape | Water Level Depth Below Surface (ft) | 46.44 |
| 1727 | Texana GCD | Texana GCd - WQM-20160708-01 | (Texana GCD - GW-00312) | 4/5/2016 | Electronic Tape | Water Level Depth Below Surface (ft) | 49.08 |
| 1874 | Texana GCD | Texana GCD - WLM-20160927-01 | (Texana GCD - GW-00274) | 9/27/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 19.65 |
| 1875 | Texana GCD | Texana GCD - WLM-20160927-02 | (Texana GCD - GW-00276) | 9/27/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 43.78 |
| 1876 | Texana GCD | Texana GCD - WLM-20160927-06 | (Texana GCD - GW-00278) | 9/27/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 52 |
| 1877 | Texana GCD | Texana GCD - WLM-20160927-05 | (Texana GCD - GW-00281) | 9/27/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 51.25 |
| 1878 | Texana GCD | Texana GCD - WLM-20160927-10 | (Texana GCD - GW-00288) | 9/27/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 13.3 |
| 1879 | Texana GCD | Texana GCD - WLM-20160927-08 | (Texana GCD - GW-00289) | 9/27/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 36.2 |
| 1880 | Texana GCD | Texana GCD - WLM-20160927-07 | (Texana GCD - GW-00290) | 9/27/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 22 |
| 1881 | Texana GCD | Texana GCD - WLM-20160927-11 | (Texana GCD - GW-00292) | 9/27/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 36.5 |
| 1882 | Texana GCD | Texana GCD - WLM-20160927-09 | (Texana GCD - GW-00293) | 9/27/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 44.7 |
| 1883 | Texana GCD | Texana GCD - WLM-20160927-04 | (Texana GCD - GW-00296) | 9/27/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 80.8 |
| 1884 | Texana GCD | Texana GCD - WLM-20160927-03 | (Texana GCD - GW-00394) | 9/27/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 107.75 |
| 1885 | Texana GCD | Texana GCD - WLM-20160928-02 | (Texana GCD - GW-00283) | 9/28/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 32.6 |
| 1886 | Texana GCD | Texana GCD - WLM-20160928-01 | (Texana GCD - GW-00284) | 9/28/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 28.5 |
| 1887 | Texana GCD | Texana GCD - WLM-20160928-03 | (Texana GCD - GW-00285) | 9/28/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 34 |
| 1888 | Texana GCD | Texana GCD - WLM-20160928-05 | (Texana GCD - GW-00287) | 9/28/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 14.8 |
| 1889 | Texana GCD | Texana GCD - WLM-20160928-08 | (Texana GCD - GW-00297) | 9/28/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 42.49 |
| 1890 | Texana GCD | Texana GCD - WLM-20160928-04 | (Texana GCD - GW-00299) | 9/28/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 42.1 |
| 1891 | Texana GCD | Texana GCD - WLM-20160928-06 | (Texana GCD - GW-00323) | 9/28/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 38.7 |
| 1892 | Texana GCD | Texana GCD - WLM-20160928-07 | (Texana GCD - NW-00310) | 9/28/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 42.5 |
| 2052 | Texana GCD | Texana GCD - WLM-20170313-01 | (Texana GCD - GW-00073) | 3/13/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 21.8 |
| 2053 | Texana GCD | Texana GCD - WLM-20170313-03 | (Texana GCD - GW-00075) | 3/13/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 30 |
| 2054 | Texana GCD | Texana GCD - WLM-20170313-02 | (Texana GCD - GW-00076) | 3/13/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 32.2 |
| 2056 | Texana GCD | Texana GCD - WLM-20170313-04 | (Texana GCD - GW-00077) | 3/13/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 33.34 |
| 2057 | Texana GCD | Texana GCD - WLM-20170313-05 | (Texana GCD - GW-00082) | 3/13/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 24.3 |
| 2058 | Texana GCD | Texana GCD - WLM-20170314-02 | (Texana GCD - GW-00289) | 3/14/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 37.4 |
| 2059 | Texana GCD | Texana GCD - WLM-20170314-03 | (Texana GCD - GW-00290) | 3/14/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 21 |
| 2060 | Texana GCD | Texana GCD - WLM-20170314-01 | (Texana GCD - GW-00293) | 3/14/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 36.35 |
| 2061 | Texana GCD | Texana GCD - WLM-20170315-02 | (Texana GCD - GW-00274) | 3/15/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 18.3 |
| 2062 | Texana GCD | Texana GCD - WLM-20170315-03 | (Texana GCD - GW-00276) | 3/15/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 43 |
| 2063 | Texana GCD | Texana GCD - WLM-20170315-07 | (Texana GCD - GW-00278) | 3/15/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 42.7 |
| 2064 | Texana GCD | Texana GCD - WLM-20170315-06 | (Texana GCD - GW-00281) | 3/15/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 47 |
| 2065 | Texana GCD | Texana GCD - WLM-20170315-15 | (Texana GCD - GW-00283) | 3/15/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 30.35 |
| 2066 | Texana GCD | Texana GCD - WLM-20170315-16 | (Texana GCD - GW-00284) | 3/15/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 27.5 |
| 2067 | Texana GCD | Texana GCD - WLM-20170315-17 | (Texana GCD - GW-00285) | 3/15/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 32.95 |
| 2068 | Texana GCD | Texana GCD - WLM-20170315-09 | (Texana GCD - GW-00288) | 3/15/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 15.5 |
| 2069 | Texana GCD | Texana GCD - WLM-20170315-10 | (Texana GCD - GW-00291) | 3/15/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 27.67 |
| 2070 | Texana GCD | Texana GCD - WLM-20170315-11 | (Texana GCD - GW-00292) | 3/15/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 36 |
| 2071 | Texana GCD | Texana GCD - WLM-20170315-04 | (Texana GCD - GW-00294) | 3/15/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 91.25 |
| 2072 | Texana GCD | Texana GCD - WLM-20170315-05 | (Texana GCD - GW-00296) | 3/15/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 55.7 |
| 2073 | Texana GCD | Texana GCD - WLM-20170315-13 | (Texana GCD - GW-00297) | 3/15/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 41.8 |
| 2074 | Texana GCD | Texana GCD - WLM-20170315-14 | (Texana GCD - GW-00299) | 3/15/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 41.25 |
| 2075 | Texana GCD | Texana GCD - WLM-20170315-01 | (Texana GCD - GW-00320) | 3/15/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 28.3 |
| 2076 | Texana GCD | Texana GCD - WLM-20170315-08 | (Texana GCD - GW-00323) | 3/15/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 35.5 |
| 2077 | Texana GCD | Texana GCD - WLM-20170315-12 | (Texana GCD - NW-00310) | 3/15/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 41.35 |
| 2145 | Texana GCD | Texana GCD - WQM-20170706-02 | (Texana GCD - GW-00119) | 4/3/2017 | Electronic Tape | Water Level Depth Below Surface (ft) | 50.11 |
| 2146 | Texana GCD | Texana GCD - WQM-20170706-02 | (Texana GCD - GW-00120) | 4/3/2017 | Electronic Tape | Water Level Depth Below Surface (ft) | 45.05 |
| 2147 | Texana GCD | Texana GCD - WQM-20170706-02 | (Texana GCD - GW-00121) | 4/3/2017 | Electronic Tape | Water Level Depth Below Surface (ft) | 47 |
| 3700 | Texana GCD | Texana GCD - WQM-20170706-02 | (Texana GCD - GW-00122) | 4/3/2017 | Electronic Tape | Water Level Depth Below Surface (ft) | 47.88 |
| 2148 | Texana GCD | Texana GCD - WQM-20170706-02 | (Texana GCD - GW-00123) | 4/3/2017 | Electronic Tape | Water Level Depth Below Surface (ft) | 48.24 |

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| 2149 | Texana GCD | Texana GCD - WQM-20170706-02 | (Texana GCD - GW-00310) | 4/3/2017 | Electronic Tape | Water Level Depth Below Surface (ft) | 39.65 |
| 2150 | Texana GCD | Texana GCD - WQM-20170706-02 | (Texana GCD - GW-00311) | 4/3/2017 | Electronic Tape | Water Level Depth Below Surface (ft) | 38.9 |
| 2151 | Texana GCD | Texana GCD - WQM-20170706-02 | (Texana GCD - GW-00312) | 4/3/2017 | Electronic Tape | Water Level Depth Below Surface (ft) | 40.7 |
| 2474 | Texana GCD | Texana GCD - WLM-20171011-04 | (Texana GCD - GW-00274) | 10/11/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 19.1 |
| 2475 | Texana GCD | Texana GCD - WLM-20171010-05 | (Texana GCD - GW-00276) | 10/11/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 38.2 |
| 2476 | Texana GCD | Texana GCD - WLM-20171011-09 | (Texana GCD - GW-00278) | 10/11/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 48.9 |
| 2477 | Texana GCD | Texana GCD - WLM-20171011-08 | (Texana GCD - GW-00281) | 10/11/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 46.4 |
| 2478 | Texana GCD | Texana GCD - WLM-20171011-14 | (Texana GCD - GW-00283) | 10/11/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 32.2 |
| 2479 | Texana GCD | Texana GCD - WLM-20171011-13 | (Texana GCD - GW-00284) | 10/11/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 28.2 |
| 2480 | Texana GCD | Texana GCD - WLM-20171011-15 | (Texana GCD - GW-00285) | 10/11/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 32.1 |
| 2481 | Texana GCD | Texana GCD - WLM-20171011-17 | (Texana GCD - GW-00287) | 10/11/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 26.8 |
| 2482 | Texana GCD | Texana GCD - WLM-20171011-18 | (Texana GCD - GW-00288) | 10/11/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 16.95 |
| 2483 | Texana GCD | Texana GCD - WLM-20171011-11 | (Texana GCD - GW-00289) | 10/11/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 35.6 |
| 2484 | Texana GCD | Texana GCD - WLM-20171011-10 | (Texana GCD - GW-00290) | 10/11/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 22 |
| 2485 | Texana GCD | Texana GCD - WLM-20171011-19 | (Texana GCD - GW-00292) | 10/11/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 36.8 |
| 2486 | Texana GCD | Texana GCD - WLM-20171011-12 | (Texana GCD - GW-00293) | 10/11/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 41.3 |
| 2487 | Texana GCD | Texana GCD - WLM-20171011-06 | (Texana GCD - GW-00294) | 10/11/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 97.15 |
| 2488 | Texana GCD | Texana GCD - WLM-20171011-01 | (Texana GCD - GW-00295) | 10/11/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 55.7 |
| 2489 | Texana GCD | Texana GCD - WLM-20171011-02 | (Texana GCD - GW-00297) | 10/11/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 40.4 |
| 2450 | Texana GCD | Texana GCD - WLM-20171011-07 | (Texana GCD - GW-00297) | 10/11/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 32.2 |
| 2490 | Texana GCD | Texana GCD - WLM-20171011-16 | (Texana GCD - GW-00299) | 10/11/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 42 |
| 2491 | Texana GCD | Texana GCD - WLM-20171011-03 | (Texana GCD - NW-00310) | 10/11/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 40.3 |
| 2683 | Texana GCD | Texana GCD - WLM-20180313-03 | (Texana GCD - GW-00274) | 3/13/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 18.6 |
| 2684 | Texana GCD | Texana GCD - WLM-20180313-04 | (Texana GCD - GW-00276) | 3/13/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 43.8 |
| 2685 | Texana GCD | Texana GCD - WLM-20180313-07 | (Texana GCD - GW-00278) | 3/13/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 43.3 |
| 2686 | Texana GCD | Texana GCD - WLM-20180313-06 | (Texana GCD - GW-00281) | 3/13/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 46.6 |
| 2687 | Texana GCD | Texana GCD - WLM-20180313-12 | (Texana GCD - GW-00283) | 3/13/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 29.6 |
| 2688 | Texana GCD | Texana GCD - WLM-20180313-13 | (Texana GCD - GW-00285) | 3/13/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 32.3 |
| 2689 | Texana GCD | Texana GCD - WLM-20180313-17 | (Texana GCD - GW-00288) | 3/13/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 17.4 |
| 2690 | Texana GCD | Texana GCD - WLM-20180313-08 | (Texana GCD - GW-00290) | 3/13/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 21.6 |
| 2691 | Texana GCD | Texana GCD - WLM-20180313-18 | (Texana GCD - GW-00292) | 3/13/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 34.55 |
| 2692 | Texana GCD | Texana GCD - WLM-20180313-10 | (Texana GCD - GW-00293) | 3/13/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 35.95 |
| 2693 | Texana GCD | Texana GCD - WLM-20180313-05 | (Texana GCD - GW-00294) | 3/13/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 81.25 |
| 2694 | Texana GCD | Texana GCD - WLM-20180313-01 | (Texana GCD - GW-00295) | 3/13/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 150.5 |
| 2695 | Texana GCD | Texana GCD - WLM-20180313-14 | (Texana GCD - GW-00299) | 3/13/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 42.1 |
| 2696 | Texana GCD | Texana GCD - WLM-20180313-16 | (Texana GCD - GW-00323) | 3/13/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 28.5 |
| 2697 | Texana GCD | Texana GCD - WLM-20180313-02 | (Texana GCD - NW-00310) | 3/13/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 38.15 |
| 2726 | Texana GCD | Texana GCD - WLM-20180313-11 | (Texana GCD - GW-00284) | 3/18/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 36 |
| 2727 | Texana GCD | Texana GCD - WLM-20180321-17 | (Texana GCD - GW-00073) | 3/21/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 30.3 |
| 2728 | Texana GCD | Texana GCD - WLM-20180321-16 | (Texana GCD - GW-00075) | 3/21/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 30.5 |
| 2729 | Texana GCD | Texana GCD - WLM-20180321-15 | (Texana GCD - GW-00076) | 3/21/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 31.45 |
| 2730 | Texana GCD | Texana GCD - WLM-20180321-14 | (Texana GCD - GW-00077) | 3/21/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 22.7 |
| 2731 | Texana GCD | Texana GCD - WLM-20180321-13 | (Texana GCD - GW-00082) | 3/21/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 25.65 |
| 2732 | Texana GCD | Texana GCD - WLM-20180321-11 | (Texana GCD - GW-00244) | 3/21/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 26.16 |
| 2733 | Texana GCD | Texana GCD - WLM-20180321-08 | (Texana GCD - GW-00253) | 3/21/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 31.8 |
| 2734 | Texana GCD | Texana GCD - WLM-20180321-06 | (Texana GCD - GW-00291) | 3/21/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 27.95 |
| 2735 | Texana GCD | Texana GCD - WLM-20180321-07 | (Texana GCD - GW-00320) | 3/21/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 28.1 |
| 2736 | Texana GCD | Texana GCD - WLM-20180321-01 | (Texana GCD - GW-00340) | 3/21/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 35.9 |
| 2737 | Texana GCD | Texana GCD - WLM-20180321-12 | (Texana GCD - GW-00385) | 3/21/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 28.6 |
| 2738 | Texana GCD | Texana GCD - WLM-20180321-04 | (Texana GCD - GW-00410) | 3/21/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 29.55 |
| 2739 | Texana GCD | Texana GCD - WLM-20180321-03 | (Texana GCD - GW-00411) | 3/21/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 33.55 |
| 2740 | Texana GCD | Texana GCD - WLM-20180321-02 | (Texana GCD - NW-00195) | 3/21/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 33.45 |
| 2753 | Texana GCD | Texana GCD - WLM-20180403:1117 | (Texana GCD - GW-00110) | 4/3/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 17.95 |
| 2760 | Texana GCD | Texana GCD - WLM-20180403:1154 | (Texana GCD - GW-00111) | 4/3/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 20 |
| 2767 | Texana GCD | Texana GCD - WLM-20180403:0921 | (Texana GCD - GW-00113) | 4/3/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 16.28 |
| 2774 | Texana GCD | Texana GCD - WLM-20180403:1437 | (Texana GCD - GW-00114) | 4/3/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 14.35 |
| 2786 | Texana GCD | Texana GCD - WLM-20180403:1628 | (Texana GCD - GW-00117) | 4/3/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 40.28 |
| 2799 | Texana GCD | Texana GCD - WLM-20180403:1337 | (Texana GCD - NW-00143) | 4/3/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 20.6 |
| 2806 | Texana GCD | Texana GCD - WLM-20180403:1226 | (Texana GCD - NW-00144) | 4/3/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 19.87 |
| 2819 | Texana GCD | Texana GCD - WLM-20180403:1506 | (Texana GCD - NW-00146) | 4/3/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 16.5 |
| 2826 | Texana GCD | Texana GCD - WLM-20180403:1410 | (Texana GCD - NW-00147) | 4/3/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 22.2 |
| 2828 | Texana GCD | Texana GCD - AMR-20180709:0806 | (Texana GCD - GW-00119) | 4/4/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 49.75 |
| 2829 | Texana GCD | Texana GCD - AMR-20180709:0806 | (Texana GCD - GW-00121) | 4/4/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 46.05 |
| 2830 | Texana GCD | Texana GCD - AMR-20180709:0806 | (Texana GCD - GW-00123) | 4/4/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 46.53 |
| 2831 | Texana GCD | Texana GCD - AMR-20180709:0806 | (Texana GCD - GW-00310) | 4/4/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 37.6 |
| 2832 | Texana GCD | Texana GCD - AMR-20180709:0806 | (Texana GCD - GW-00311) | 4/4/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 39.52 |
| 2833 | Texana GCD | Texana GCD - AMR-20180709:0806 | (Texana GCD - GW-00312) | 4/4/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 37.1 |
| 3068 | Texana GCD | Texana GCD - WLM-20180807:0941 | (Texana GCD - GW-00274) | 8/7/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 20.4 |
| 3069 | Texana GCD | Texana GCD - WLM-20180807:0957 | (Texana GCD - GW-00276) | 8/7/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 44.61 |
| 3070 | Texana GCD | Texana GCD - WLM-20180807:1228 | (Texana GCD - GW-00278) | 8/7/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 61.86 |
| 3071 | Texana GCD | Texana GCD - WLM-20180807:1149 | (Texana GCD - GW-00281) | 8/7/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 44.97 |
| 3072 | Texana GCD | Texana GCD - WLM-20180807:0344 | (Texana GCD - GW-00283) | 8/7/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 36.15 |
| 3073 | Texana GCD | Texana GCD - WLM-20180807:0318 | (Texana GCD - GW-00284) | 8/7/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 29.3 |
| 3074 | Texana GCD | Texana GCD - WLM-20180807:1030 | (Texana GCD - GW-00294) | 8/7/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 85.35 |
| 3075 | Texana GCD | Texana GCD - WLM-20180807:1103 | (Texana GCD - GW-00296) | 8/7/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 77.52 |
| 3076 | Texana GCD | Texana GCD - WLM-20180807:0417 | (Texana GCD - GW-00299) | 8/7/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 40.7 |
| 3077 | Texana GCD | Texana GCD - WLM-20180807:0900 | (Texana GCD - NW-00310) | 8/7/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 37.6 |
| 3078 | Texana GCD | Texana GCD - WLM-20180808:0340 | (Texana GCD - GW-00073) | 8/8/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 31.08 |
| 3079 | Texana GCD | Texana GCD - WLM-20180808:0321 | (Texana GCD - GW-00075) | 8/8/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 32.07 |
| 3080 | Texana GCD | Texana GCD - WLM-20180808:0308 | (Texana GCD - GW-00076) | 8/8/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 32.53 |

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|---|---|---|---|---|---|---|
| 3081 | Texana GCD | Texana GCD - WLM-20180808:0208 | (Texana GCD - GW-00077) | 8/8/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 23.4 |
| 3082 | Texana GCD | Texana GCD - WLM-20180808:0239 | (Texana GCD - GW-00082) | 8/8/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 25.9 |
| 3083 | Texana GCD | Texana GCD - WLM-20180808:1212 | (Texana GCD - GW-00244) | 8/8/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 30.68 |
| 3084 | Texana GCD | Texana GCD - WLM-20180808:1112 | (Texana GCD - GW-00251) | 8/8/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 39.7 |
| 3085 | Texana GCD | Texana GCD - WLM-20180808:0952 | (Texana GCD - GW-00291) | 8/8/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 20.45 |
| 3086 | Texana GCD | Texana GCD - WLM-20180808:0145 | (Texana GCD - GW-00292) | 8/8/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 44.6 |
| 3087 | Texana GCD | Texana GCD - WLM-20180808:0217 | (Texana GCD - GW-00385) | 8/8/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 30.2 |
| 3088 | Texana GCD | Texana GCD - WLM-20180808:0905 | (Texana GCD - GW-00409) | 8/8/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 31 |
| 3703 | Texana GCD | Texana GCD - WLM-20180808:0827 | (Texana GCD - GW-00410) | 8/8/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 30.93 |
| 3089 | Texana GCD | Texana GCD - WLM-20180808:0839 | (Texana GCD - GW-00411) | 8/8/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 35.65 |
| 3090 | Texana GCD | Texana GCD - WLM-20180808:1139 | (Texana GCD - GW-00412) | 8/8/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 30.6 |
| 3091 | Texana GCD | Texana GCD - WLM-20180808:0814 | (Texana GCD - NW-00195) | 8/8/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 38.29 |
| 3188 | Texana GCD | Texana GCD - WLM-20180905:1214 | (Texana GCD - NW-00451) | 9/5/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 68.59 |
| 3350 | Texana GCD | Texana GCD - WLM-20190211:1214 | (Texana GCD - GW-00244) | 2/11/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 25.56 |
| 3351 | Texana GCD | Texana GCD - WLM-20190211:1138 | (Texana GCD - GW-00247) | 2/11/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 26.44 |
| 3352 | Texana GCD | Texana GCD - WLM-20190211:1256 | (Texana GCD - GW-00251) | 2/11/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 31.27 |
| 3353 | Texana GCD | Texana GCD - WLM-20190211:1037 | (Texana GCD - GW-00276) | 2/11/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 42.2 |
| 3354 | Texana GCD | Texana GCD - WLM-20190211:0308 | (Texana GCD - GW-00284) | 2/11/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 27.6 |
| 3355 | Texana GCD | Texana GCD - WLM-20190211:0329 | (Texana GCD - GW-00285) | 2/11/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 32.9 |
| 3356 | Texana GCD | Texana GCD - WLM-20190211:0214 | (Texana GCD - GW-00292) | 2/11/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 35.2 |
| 3357 | Texana GCD | Texana GCD - WLM-20190211:0149 | (Texana GCD - GW-00320) | 2/11/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 37.86 |
| 3360 | Texana GCD | Texana GCD - WLM-20190212:1047 | (Texana GCD - GW-00073) | 2/12/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 29.6 |
| 3361 | Texana GCD | Texana GCD - WLM-20190212:1022 | (Texana GCD - GW-00075) | 2/12/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 21.22 |
| 3362 | Texana GCD | Texana GCD - WLM-20190212:0922 | (Texana GCD - GW-00076) | 2/12/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 31.1 |
| 3363 | Texana GCD | Texana GCD - WLM-20190212:1052 | (Texana GCD - GW-00077) | 2/12/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 21.94 |
| 3364 | Texana GCD | Texana GCD - WLM-20190212:1112 | (Texana GCD - GW-00082) | 2/12/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 24.7 |
| 3365 | Texana GCD | Texana GCD - WLM-20190212:0242 | (Texana GCD - GW-00274) | 2/12/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 18.5 |
| 3366 | Texana GCD | Texana GCD - WLM-20190212:1141 | (Texana GCD - GW-00385) | 2/12/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 24.7 |
| 3367 | Texana GCD | Texana GCD - WLM-20190213:1220 | (Texana GCD - GW-00278) | 2/13/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 44.99 |
| 3368 | Texana GCD | Texana GCD - WLM-20190213:0149 | (Texana GCD - GW-00283) | 2/13/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 30.5 |
| 3369 | Texana GCD | Texana GCD - WLM-20190213:1257 | (Texana GCD - GW-00291) | 2/13/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 28.45 |
| 3370 | Texana GCD | Texana GCD - WLM-20190213:1142 | (Texana GCD - NW-00310) | 2/13/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 40.6 |
| 3371 | Texana GCD | Texana GCD - WLM-20190214:1135 | (Texana GCD - GW-00090) | 2/14/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 39.6 |
| 3372 | Texana GCD | Texana GCD - WLM-20190214:1040 | (Texana GCD - NW-00075) | 2/14/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 38.6 |
| 3373 | Texana GCD | Texana GCD - WLM-20190214:1018 | (Texana GCD - NW-00141) | 2/14/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 47.6 |
| 3374 | Texana GCD | Texana GCD - WLM-20190214:0115 | (Texana GCD - NW-00195) | 2/14/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 33.29 |
| 3375 | Texana GCD | Texana GCD - WLM-20190214:1111 | (Texana GCD - NW-00451) | 2/14/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 34.75 |
| 3490 | Texana GCD | Texana GCD - WLM-20190312:1040 | (Texana GCD - GW-00452) | 3/12/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 12 |
| 3702 | Texana GCD | Texana GCD - WQLM-20190515 | (Texana GCD - GW-00120) | 4/2/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 41.14 |
| 3701 | Texana GCD | Texana GCD - WQLM-20190515 | (Texana GCD - GW-00121) | 4/2/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 43.49 |
| 3699 | Texana GCD | Texana GCD - WLM-20190515 | (Texana GCD - GW-00122) | 4/2/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 43.54 |
| 3576 | Texana GCD | Texana GCD - WLM-20190808:0110 | (Texana GCD - GW-00244) | 8/8/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 27.43 |
| 3577 | Texana GCD | Texana GCD - WLM-20190808:0126 | (Texana GCD - GW-00247) | 8/8/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 31.42 |
| 3578 | Texana GCD | Texana GCD - WLM-20190808:0150 | (Texana GCD - GW-00251) | 8/8/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 37.36 |
| 3582 | Texana GCD | Texana GCD - WLM-20190808:1045 | (Texana GCD - GW-00274) | 8/8/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 19.09 |
| 3583 | Texana GCD | Texana GCD - WLM-20190808:1056 | (Texana GCD - GW-00276) | 8/8/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 44.03 |
| 3584 | Texana GCD | Texana GCD - WLM-20190808:1240 | (Texana GCD - GW-00278) | 8/8/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 45.7 |
| 3581 | Texana GCD | Texana GCD - WLM-20190808:0316 | (Texana GCD - GW-00283) | 8/8/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 30.12 |
| 3580 | Texana GCD | Texana GCD - WLM-20190808:0305 | (Texana GCD - GW-00284) | 8/8/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 27.92 |
| 3579 | Texana GCD | Texana GCD - WLM-20190808:0246 | (Texana GCD - GW-00285) | 8/8/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 32.65 |
| 3588 | Texana GCD | Texana GCD - WL-20190809:0243 | (Texana GCD - GW-00073) | 8/9/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 31.4 |
| 3590 | Texana GCD | Texana GCD - WLM-20190809:0305 | (Texana GCD - GW-00075) | 8/9/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 28.55 |
| 3594 | Texana GCD | Texana GCD - WLM-20190809:0333 | (Texana GCD - GW-00075) | 8/9/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 29.2 |
| 3589 | Texana GCD | Texana GCD - WLM-20190809:0348 | (Texana GCD - GW-00077) | 8/9/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 21.73 |
| 3587 | Texana GCD | Texana GCD - WLM-20190809:0228 | (Texana GCD - GW-00082) | 8/9/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 24.93 |
| 3603 | Texana GCD | Texana GCD - WLM-20190809:1247 | (Texana GCD - GW-00090) | 8/9/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 39.95 |
| 3586 | Texana GCD | Texana GCD - WLM-20190809:0109 | (Texana GCD - GW-00140) | 8/9/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 40.43 |
| 3601 | Texana GCD | Texana GCD - WLM-20190809:1058 | (Texana GCD - GW-00291) | 8/9/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 30.94 |
| 3600 | Texana GCD | Texana GCD - WLM-20190809:1043 | (Texana GCD - GW-00292) | 8/9/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 36.71 |
| 3595 | Texana GCD | Texana GCD - WLM-20190809:0412 | (Texana GCD - GW-00385) | 8/9/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 25.87 |
| 3597 | Texana GCD | Texana GCD - WLM-20190809:0855 | (Texana GCD - GW-00410) | 8/9/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 34.38 |
| 3598 | Texana GCD | Texana GCD - WLM-20190809:0906 | (Texana GCD - GW-00411) | 8/9/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 36.75 |
| 3585 | Texana GCD | Texana GCD - WLM-20190809:0104 | (Texana GCD - NW-00075) | 8/9/2019 | Electronic Tape | Water Level Depth Below Surface (ft) | 39.4 |
| 3604 | Texana GCD | Texana GCD - WLM-20190809:1258 | (Texana GCD - NW-00141) | 8/9/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 48 |
| 3596 | Texana GCD | Texana GCD - WLM-20190809:0846 | (Texana GCD - NW-00195) | 8/9/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 34.39 |
| 3599 | Texana GCD | Texana GCD - WLM-20190809:0948 | (Texana GCD - NW-00310) | 8/9/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 42.93 |
| 3602 | Texana GCD | Texana GCD - WLM-20190809:1230 | (Texana GCD - NW-00451) | 8/9/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 34.45 |
| 4387 | Texana GCD | Texana GCD - WLM-20200109-01 | (Texana GCD - NW-00487) | 1/9/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 14.3 |
| 4388 | Texana GCD | Texana GCD - WLM-20200113-01 | (Texana GCD - NW-00488) | 1/13/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 48.15 |
| 4389 | Texana GCD | Texana GCD - WLM-20200116-01 | (Texana GCD - NW-00487) | 1/16/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 14.15 |
| 4390 | Texana GCD | Texana GCD - WLM-20200117-01 | (Texana GCD - NW-00488) | 1/17/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 47.95 |
| 4391 | Texana GCD | Texana GCD - WLM-20200117-02 | (Texana GCD - NW-00489) | 1/17/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 15.1 |
| 4392 | Texana GCD | Texana GCD - WLM-20200117-03 | (Texana GCD - NW-00490) | 1/17/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 45.6 |
| 4306 | Texana GCD | Texana GCD - WLM-20200124-01 | (Texana GCD - NW-00487) | 1/24/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 13.88 |
| 4307 | Texana GCD | Texana GCD - WLM-20200124-02 | (Texana GCD - NW-00488) | 1/24/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 46.84 |
| 4308 | Texana GCD | Texana GCD - WLM-20200124-03 | (Texana GCD - NW-00489) | 1/24/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 17.65 |
| 4309 | Texana GCD | Texana GCD - WLM-20200124-04 | (Texana GCD - NW-00490) | 1/24/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 43.1 |
| 4310 | Texana GCD | Texana GCD - WLM-20200203-01 | (Texana GCD - NW-00491) | 1/24/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 14.45 |
| 4311 | Texana GCD | Texana GCD - WLM-20200203-02 | (Texana GCD - NW-00492) | 1/24/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 43.01 |
| 4319 | Texana GCD | Texana GCD - WLM-20200207-08 | (Texana GCD - GW-00244) | 2/7/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 26.08 |

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| 4320 | Texana GCD | Texana GCD - WLM-20200207-09 | (Texana GCD - GW-00247) | 2/7/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 26.7 |
| 4321 | Texana GCD | Texana GCD - WLM-20200207-10 | (Texana GCD - GW-00251) | 2/7/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 31.19 |
| 4315 | Texana GCD | Texana GCD - WLM-20200207-04 | (Texana GCD - GW-00274) | 2/7/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 21 |
| 4316 | Texana GCD | Texana GCD - WLM-20200207-05 | (Texana GCD - GW-00276) | 2/7/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 44 |
| 4318 | Texana GCD | Texana GCD - WLM-20200207-07 | (Texana GCD - GW-00278) | 2/7/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 46.7 |
| 4322 | Texana GCD | Texana GCD - WLM-20200207-11 | (Texana GCD - GW-00285) | 2/7/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 33.43 |
| 4317 | Texana GCD | Texana GCD - WLM-20200207-06 | (Texana GCD - GW-00320) | 2/7/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 29.5 |
| 4313 | Texana GCD | Texana GCD - WLM-20200207-02 | (Texana GCD - GW-00410) | 2/7/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 33.77 |
| 4314 | Texana GCD | Texana GCD - WLM-20200207-03 | (Texana GCD - GW-00411) | 2/7/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 32.35 |
| 4312 | Texana GCD | Texana GCD - WLM-20200207-01 | (Texana GCD - NW-00195) | 2/7/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 34.85 |
| 4329 | Texana GCD | Texana GCD - WLM-20200210-07 | (Texana GCD - GW-00073) | 2/10/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 29.09 |
| 4328 | Texana GCD | Texana GCD - WLM-20200210-06 | (Texana GCD - GW-00075) | 2/10/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 29.88 |
| 4327 | Texana GCD | Texana GCD - WLM-20200210-05 | (Texana GCD - GW-00076) | 2/10/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 29.98 |
| 4330 | Texana GCD | Texana GCD - WLM-20200210-08 | (Texana GCD - GW-00077) | 2/10/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 22.24 |
| 4326 | Texana GCD | Texana GCD - WLM-20200210-04 | (Texana GCD - GW-00082) | 2/10/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 25.35 |
| 4324 | Texana GCD | Texana GCD - WLM-20200210-02 | (Texana GCD - GW-00090) | 2/10/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 44.8 |
| 4333 | Texana GCD | Texana GCD - WLM-20200210-11 | (Texana GCD - GW-00283) | 2/10/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 32.86 |
| 4334 | Texana GCD | Texana GCD - WLM-20200210-12 | (Texana GCD - GW-00284) | 2/10/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 28 |
| 4332 | Texana GCD | Texana GCD - WLM-20200210-10 | (Texana GCD - GW-00291) | 2/10/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 27.65 |
| 4331 | Texana GCD | Texana GCD - WLM-20200210-09 | (Texana GCD - GW-00385) | 2/10/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 26.4 |
| 4323 | Texana GCD | Texana GCD - WLM-20200210-01 | (Texana GCD - NW-00310) | 2/10/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 41.8 |
| 4325 | Texana GCD | Texana GCD - WLM-20200210-03 | (Texana GCD - NW-00451) | 2/10/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 44.93 |
| 4393 | Texana GCD | Texana GCD - WLM-20200214-01 | (Texana GCD - NW-00487) | 2/14/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 14 |
| 4394 | Texana GCD | Texana GCD - WLM-20200214-02 | (Texana GCD - NW-00488) | 2/14/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 45.3 |
| 4395 | Texana GCD | Texana GCD - WLM-20200214-03 | (Texana GCD - NW-00489) | 2/14/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 46.2 |
| 4396 | Texana GCD | Texana GCD - WLM-20200214-04 | (Texana GCD - NW-00490) | 2/14/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 44.4 |
| 4397 | Texana GCD | Texana GCD - WLM-20200214-05 | (Texana GCD - NW-00491) | 2/14/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 20.3 |
| 4398 | Texana GCD | Texana GCD - WLM-20200214-06 | (Texana GCD - NW-00492) | 2/14/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 43.55 |
| 4335 | Texana GCD | Texana GCD - WLM-20200220-01 | (Texana GCD - NW-00487) | 2/20/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 15.38 |
| 4336 | Texana GCD | Texana GCD - WLM-20200220-02 | (Texana GCD - NW-00488) | 2/20/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 45.04 |
| 4341 | Texana GCD | Texana GCD - WLM-20200220-03 | (Texana GCD - NW-00489) | 2/20/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 14.3 |
| 4342 | Texana GCD | Texana GCD - WLM-20200220-04 | (Texana GCD - NW-00490) | 2/20/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 44.68 |
| 4347 | Texana GCD | Texana GCD - WLM-20200220-05 | (Texana GCD - NW-00491) | 2/20/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 14.54 |
| 4350 | Texana GCD | Texana GCD - WLM-20200220-06 | (Texana GCD - NW-00492) | 2/20/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 43.42 |
| 4338 | Texana GCD | Texana GCD - WLM-20200226-01 | (Texana GCD - NW-00487) | 2/26/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 14.31 |
| 4337 | Texana GCD | Texana GCD - WLM-20200226-02 | (Texana GCD - NW-00488) | 2/26/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 46.15 |
| 4343 | Texana GCD | Texana GCD - WLM-20200226-03 | (Texana GCD - NW-00489) | 2/26/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 14.45 |
| 4344 | Texana GCD | Texana GCD - WLM-20200226-04 | (Texana GCD - NW-00490) | 2/26/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 45.5 |
| 4348 | Texana GCD | Texana GCD - WLM-20200226-05 | (Texana GCD - NW-00491) | 2/26/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 14.35 |
| 4351 | Texana GCD | Texana GCD - WLM-20200226-06 | (Texana GCD - NW-00492) | 2/26/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 43.5 |
| 4339 | Texana GCD | Texana GCD - WLM-20200302-01 | (Texana GCD - NW-00487) | 3/2/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 14.4 |
| 4340 | Texana GCD | Texana GCD - WLM-20200302-02 | (Texana GCD - NW-00488) | 3/2/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 47.55 |
| 4345 | Texana GCD | Texana GCD - WLM-20200302-03 | (Texana GCD - NW-00489) | 3/2/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 17.54 |
| 4346 | Texana GCD | Texana GCD - WLM-20200302-04 | (Texana GCD - NW-00490) | 3/2/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 48.03 |
| 4349 | Texana GCD | Texana GCD - WLM-20200302-05 | (Texana GCD - NW-00491) | 3/2/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 18.6 |
| 4352 | Texana GCD | Texana GCD - WLM-20200302-06 | (Texana GCD - NW-00492) | 3/2/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 43.14 |
| 4353 | Texana GCD | Texana GCD - WLM-20200309-01 | (Texana GCD - NW-00487) | 3/9/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 14.4 |
| 4354 | Texana GCD | Texana GCD - WLM-20200309-02 | (Texana GCD - NW-00488) | 3/9/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 48.65 |
| 4355 | Texana GCD | Texana GCD - WLM-20200309-03 | (Texana GCD - NW-00489) | 3/9/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 14.2 |
| 4356 | Texana GCD | Texana GCD - WLM-20200309-04 | (Texana GCD - NW-00490) | 3/9/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 44.35 |
| 4357 | Texana GCD | Texana GCD - WLM-20200309-05 | (Texana GCD - NW-00491) | 3/9/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 14.2 |
| 4358 | Texana GCD | Texana GCD - WLM-20200309-06 | (Texana GCD - NW-00492) | 3/9/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 42.39 |
| 4359 | Texana GCD | Texana GCD - WLM-20200316-01 | (Texana GCD - NW-00487) | 3/16/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 15.45 |
| 4360 | Texana GCD | Texana GCD - WLM-20200316-02 | (Texana GCD - NW-00488) | 3/16/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 50.75 |
| 4361 | Texana GCD | Texana GCD - WLM-20200316-03 | (Texana GCD - NW-00489) | 3/16/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 21.1 |
| 4362 | Texana GCD | Texana GCD - WLM-20200316-04 | (Texana GCD - NW-00490) | 3/16/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 46 |
| 4363 | Texana GCD | Texana GCD - WLM-20200316-05 | (Texana GCD - NW-00491) | 3/16/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 24 |
| 4364 | Texana GCD | Texana GCD - WLM-20200316-06 | (Texana GCD - NW-00492) | 3/16/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 44.34 |
| 4415 | Texana GCD | Texana GCD - WLM-20200623-02 | (Texana GCD - NW-00489) | 3/23/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 30.6 |
| 4365 | Texana GCD | Texana GCD - WLM-20200401-01 | (Texana GCD - NW-00487) | 4/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 15.85 |
| 4366 | Texana GCD | Texana GCD - WLM-20200401-02 | (Texana GCD - NW-00488) | 4/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 51 |
| 4367 | Texana GCD | Texana GCD - WLM-20200401-03 | (Texana GCD - NW-00489) | 4/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 21.3 |
| 4368 | Texana GCD | Texana GCD - WLM-20200401-04 | (Texana GCD - NW-00490) | 4/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 47.55 |
| 4369 | Texana GCD | Texana GCD - WLM-20200401-05 | (Texana GCD - NW-00491) | 4/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 24.35 |
| 4370 | Texana GCD | Texana GCD - WLM-20200401-06 | (Texana GCD - NW-00492) | 4/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 54.49 |
| 4371 | Texana GCD | Texana GCD - WLM-20200501-01 | (Texana GCD - NW-00487) | 5/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 17 |
| 4372 | Texana GCD | Texana GCD - WLM-20200501-02 | (Texana GCD - NW-00488) | 5/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 48.25 |
| 4373 | Texana GCD | Texana GCD - WLM-20200501-03 | (Texana GCD - NW-00489) | 5/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 25.75 |
| 4374 | Texana GCD | Texana GCD - WLM-20200501-04 | (Texana GCD - NW-00490) | 5/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 45.93 |
| 4375 | Texana GCD | Texana GCD - WLM-20200501-05 | (Texana GCD - NW-00491) | 5/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 22.81 |
| 4376 | Texana GCD | Texana GCD - WLM-20200501-06 | (Texana GCD - NW-00492) | 5/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 45.74 |
| 4379 | Texana GCD | Texana GCD - WLM-20200507-04 | (Texana GCD - NW-00487) | 5/7/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 20.7 |
| 4386 | Texana GCD | Texana GCD - WLM-20200507-01 | (Texana GCD - NW-00488) | 5/7/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 45.9 |
| 4378 | Texana GCD | Texana GCD - WLM-20200507-05 | (Texana GCD - NW-00489) | 5/7/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 20.6 |
| 4377 | Texana GCD | Texana GCD - WLM-20200507-02 | (Texana GCD - NW-00490) | 5/7/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 44.5 |
| 4381 | Texana GCD | Texana GCD - WLM-20200507-06 | (Texana GCD - NW-00491) | 5/7/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 17.67 |
| 4380 | Texana GCD | Texana GCD - WLM-20200507-03 | (Texana GCD - NW-00492) | 5/7/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 44.25 |
| 4399 | Texana GCD | Texana GCD - WLM-20200508-01 | (Texana GCD - NW-00488) | 5/8/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 45.7 |
| 4382 | Texana GCD | Texana GCD - WLM-20200511-01 | (Texana GCD - NW-00488) | 5/11/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 46.05 |
| 4400 | Texana GCD | Texana GCD - WLM-20200511-02 | (Texana GCD - NW-00490) | 5/11/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 43.7 |

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| 4401 | Texana GCD | Texana GCD - WLM-20200511-03 | (Texana GCD - NW-00491) | 5/11/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 42.39 |
| 4402 | Texana GCD | Texana GCD - WLM-20200512-01 | (Texana GCD - NW-00487) | 5/12/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 19.1 |
| 4403 | Texana GCD | Texana GCD - WLM-20200512-02 | (Texana GCD - NW-00489) | 5/12/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 30.68 |
| 4404 | Texana GCD | Texana GCD - WLM-20200512-03 | (Texana GCD - NW-00491) | 5/12/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 29 |
| 4405 | Texana GCD | Texana GCD - WLM-20200514-01 | (Texana GCD - NW-00491) | 5/14/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 23.5 |
| 4409 | Texana GCD | Texana GCD - WLM-20200518-04 | (Texana GCD - NW-00487) | 5/18/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 18.8 |
| 4406 | Texana GCD | Texana GCD - WLM-20200518-01 | (Texana GCD - NW-00488) | 5/18/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 43.35 |
| 4410 | Texana GCD | Texana GCD - WLM-20200518-05 | (Texana GCD - NW-00489) | 5/18/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 23.4 |
| 4407 | Texana GCD | Texana GCD - WLM-20200518-02 | (Texana GCD - NW-00490) | 5/18/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 44.5 |
| 4464 | Texana GCD | Texana GCD - WLM-20200518-06 | (Texana GCD - NW-00491) | 5/18/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 20.3 |
| 4408 | Texana GCD | Texana GCD - WLM-20200518-03 | (Texana GCD - NW-00492) | 5/18/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 42.54 |
| 4439 | Texana GCD | Texana GCD - WLM-20200601-04 | (Texana GCD - NW-00487) | 6/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 17.6 |
| 4438 | Texana GCD | Texana GCD - WLM-20200601-01 | (Texana GCD - NW-00488) | 6/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 44.7 |
| 4412 | Texana GCD | Texana GCD - WLM-20200601-05 | (Texana GCD - NW-00489) | 6/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 24.3 |
| 4411 | Texana GCD | Texana GCD - WLM-20200601-02 | (Texana GCD - NW-00490) | 6/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 43.35 |
| 4465 | Texana GCD | Texana GCD - WLM-20200601-06 | (Texana GCD - NW-00491) | 6/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 18 |
| 4478 | Texana GCD | Texana GCD - WLM-20200601-03 | (Texana GCD - NW-00492) | 6/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 41.38 |
| 4466 | Texana GCD | Texana GCD - WLM-20200602-01 | (Texana GCD - NW-00491) | 6/2/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 18.15 |
| 4440 | Texana GCD | Texana GCD - WLM-20200619-01 | (Texana GCD - NW-00487) | 6/19/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 19.8 |
| 4441 | Texana GCD | Texana GCD - WLM-20200619-02 | (Texana GCD - NW-00488) | 6/19/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 47.79 |
| 4413 | Texana GCD | Texana GCD - WLM-20200619-03 | (Texana GCD - NW-00489) | 6/19/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 30.65 |
| 4414 | Texana GCD | Texana GCD - WLM-20200619-04 | (Texana GCD - NW-00490) | 6/19/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 43.55 |
| 4467 | Texana GCD | Texana GCD - WLM-20200619-05 | (Texana GCD - NW-00491) | 6/19/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 30.14 |
| 4479 | Texana GCD | Texana GCD - WLM-20200619-06 | (Texana GCD - NW-00492) | 6/19/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 41.9 |
| 4442 | Texana GCD | Texana GCD - WLM-20200623-01 | (Texana GCD - NW-00487) | 6/23/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 22.47 |
| 4443 | Texana GCD | Texana GCD - WLM-20200701-01 | (Texana GCD - NW-00487) | 7/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 17.6 |
| 4444 | Texana GCD | Texana GCD - WLM-20200701-02 | (Texana GCD - NW-00488) | 7/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 45.66 |
| 4416 | Texana GCD | Texana GCD - WLM-20200701-03 | (Texana GCD - NW-00489) | 7/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 18.03 |
| 4417 | Texana GCD | Texana GCD - WLM-20200701-04 | (Texana GCD - NW-00490) | 7/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 43.6 |
| 4468 | Texana GCD | Texana GCD - WLM-20200701-05 | (Texana GCD - NW-00491) | 7/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 17.61 |
| 4480 | Texana GCD | Texana GCD - WLM-20200701-06 | (Texana GCD - NW-00492) | 7/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 41.24 |
| 4445 | Texana GCD | Texana GCD - WLM-20200715-01 | (Texana GCD - NW-00487) | 7/15/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 26.05 |
| 4446 | Texana GCD | Texana GCD - WLM-20200715-02 | (Texana GCD - NW-00488) | 7/15/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 51.39 |
| 4418 | Texana GCD | Texana GCD - WLM-20200715-03 | (Texana GCD - NW-00489) | 7/15/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 25.75 |
| 4419 | Texana GCD | Texana GCD - WLM-20200715-04 | (Texana GCD - NW-00490) | 7/15/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 45.25 |
| 4469 | Texana GCD | Texana GCD - WLM-20200715-05 | (Texana GCD - NW-00491) | 7/15/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 19.8 |
| 4481 | Texana GCD | Texana GCD - WLM-20200715-06 | (Texana GCD - NW-00492) | 7/15/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 43.14 |
| 4447 | Texana GCD | Texana GCD - WLM-20200728-01 | (Texana GCD - NW-00487) | 7/28/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 26.8 |
| 4448 | Texana GCD | Texana GCD - WLM-20200728-02 | (Texana GCD - NW-00488) | 7/28/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 51.65 |
| 4420 | Texana GCD | Texana GCD - WLM-20200728-03 | (Texana GCD - NW-00489) | 7/28/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 25.86 |
| 4421 | Texana GCD | Texana GCD - WLM-20200728-04 | (Texana GCD - NW-00490) | 7/28/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 47.59 |
| 4470 | Texana GCD | Texana GCD - WLM-20200728-05 | (Texana GCD - NW-00491) | 7/28/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 20.22 |
| 4482 | Texana GCD | Texana GCD - WLM-20200728-06 | (Texana GCD - NW-00492) | 7/28/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 43.59 |
| 4449 | Texana GCD | Texana GCD - WLM-20200803-01 | (Texana GCD - NW-00487) | 8/3/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 19.2 |
| 4450 | Texana GCD | Texana GCD - WLM-20200803-02 | (Texana GCD - NW-00488) | 8/3/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 48.4 |
| 4422 | Texana GCD | Texana GCD - WLM-20200803-03 | (Texana GCD - NW-00489) | 8/3/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 18 |
| 4423 | Texana GCD | Texana GCD - WLM-20200803-04 | (Texana GCD - NW-00490) | 8/3/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 46.55 |
| 4471 | Texana GCD | Texana GCD - WLM-20200803-05 | (Texana GCD - NW-00491) | 8/3/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 18.1 |
| 4483 | Texana GCD | Texana GCD - WLM-20200803-06 | (Texana GCD - NW-00492) | 8/3/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 44.14 |
| 4499 | Texana GCD | Texana GCD - WLM-20200818-11 | (Texana GCD - GW-00283) | 8/11/2020 | (Steel Tape Electro | Water Level Depth Below Surface (ft) | 33.3 |
| 4451 | Texana GCD | Texana GCD - WLM-20200817-01 | (Texana GCD - NW-00487) | 8/17/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 30.48 |
| 4452 | Texana GCD | Texana GCD - WLM-20200817-01 | (Texana GCD - NW-00487) | 8/17/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 30.48 |
| 4453 | Texana GCD | Texana GCD - WLM-20200817-02 | (Texana GCD - NW-00488) | 8/17/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 55.05 |
| 4424 | Texana GCD | Texana GCD - WLM-20200817-03 | (Texana GCD - NW-00489) | 8/17/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 30.15 |
| 4425 | Texana GCD | Texana GCD - WLM-2020817-04 | (Texana GCD - NW-00490) | 8/17/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 47.25 |
| 4472 | Texana GCD | Texana GCD - WLM-20200817-05 | (Texana GCD - NW-00491) | 8/17/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 25.84 |
| 4484 | Texana GCD | Texana GCD - WLM-20200817-06 | (Texana GCD - NW-00492) | 8/17/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 44.96 |
| 4496 | Texana GCD | Texana GCD - WLM-20200818-08 | (Texana GCD - GW-00244) | 8/18/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 30.16 |
| 4495 | Texana GCD | Texana GCD - WLM-20200818-07 | (Texana GCD - GW-00247) | 8/18/2020 | (Steel Tape ) | Water Level Depth Below Surface (ft) | 35.92 |
| 4497 | Texana GCD | Texana GCD - WLM-20200818-09 | (Texana GCD - GW-00253) | 8/18/2020 | (Steel Tape ) | Water Level Depth Below Surface (ft) | 30.8 |
| 4493 | Texana GCD | Texana GCD - WLM-20200818-05 | (Texana GCD - GW-00274) | 8/18/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 21.1 |
| 4494 | Texana GCD | Texana GCD - WLM-20200818-06 | (Texana GCD - GW-00278) | 8/18/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 51.8 |
| 4500 | Texana GCD | Texana GCD - WLM-20200818-11 | (Texana GCD - GW-00283) | 8/18/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 33.3 |
| 4501 | Texana GCD | Texana GCD - WLM-20200818-12 | (Texana GCD - GW-00284) | 8/18/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 28.5 |
| 4498 | Texana GCD | Texana GCD - WLM-20200818-10 | (Texana GCD - GW-00285) | 8/18/2020 | (Steel Tape ) | Water Level Depth Below Surface (ft) | 33.75 |
| 4490 | Texana GCD | Texana GCD - WLM-20200818-02 | (Texana GCD - GW-00410) | 8/18/2020 | (Steel Tape ) | Water Level Depth Below Surface (ft) | 36.15 |
| 4491 | Texana GCD | Texana GCD - WLM-20200818-03 | (Texana GCD - GW-00411) | 8/18/2020 | (Steel Tape ) | Water Level Depth Below Surface (ft) | 35.55 |
| 4385 | Texana GCD | Texana GCD - WLM-20200818-01 | (Texana GCD - NW-00195) | 8/18/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 36.95 |
| 4492 | Texana GCD | Texana GCD - WLM-20200818-04 | (Texana GCD - NW-00310) | 8/18/2020 | (Steel Tape ) | Water Level Depth Below Surface (ft) | 44.3 |
| 4507 | Texana GCD | Texana GCD - WLM-20200819-06 | (Texana GCD - GW-00073) | 8/19/2020 | (Steel Tape ) | Water Level Depth Below Surface (ft) | 22.66 |
| 4505 | Texana GCD | Texana GCD - WLM-20200819-04 | (Texana GCD - GW-00075) | 8/19/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 29.73 |
| 4503 | Texana GCD | Texana GCD - WLM-20200819-02 | (Texana GCD - GW-00076) | 8/19/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 29.9 |
| 4504 | Texana GCD | Texana GCD - WLM-20200819-03 | (Texana GCD - GW-00082) | 8/19/2020 | (Steel Tape ) | Water Level Depth Below Surface (ft) | 20.44 |
| 4384 | Texana GCD | Texana GCD - WLM-20200819-08 | (Texana GCD - GW-00090) | 8/19/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 49.5 |
| 4502 | Texana GCD | Texana GCD - WLM-20200819-01 | (Texana GCD - GW-00291) | 8/19/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 40.11 |
| 4508 | Texana GCD | Texana GCD - WLM-20200819-07 | (Texana GCD - GW-00385) | 8/19/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 27 |
| 4506 | Texana GCD | Texana GCD - WLM-20200819-05 | (Texana GCD - NW-00077) | 8/19/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 29.05 |
| 4383 | Texana GCD | Texana GCD - WLM-20200819-09 | (Texana GCD - NW-00451) | 8/19/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 47.5 |
| 4454 | Texana GCD | Texana GCD - WLM-20200820-01 | (Texana GCD - NW-00487) | 8/20/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 30.3 |
| 4455 | Texana GCD | Texana GCD - WLM-20200820-02 | (Texana GCD - NW-00488) | 8/20/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 56.67 |

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| 4426 | Texana GCD | Texana GCD - WLM-20200820-03 | (Texana GCD - NW-00489) | 8/20/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 27.24 |
| 4427 | Texana GCD | Texana GCD - WLM-20200820-04 | (Texana GCD - NW-00490) | 8/20/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 47.9 |
| 4473 | Texana GCD | Texana GCD - WLM-20200820-05 | (Texana GCD - NW-00491) | 8/20/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 21.09 |
| 4485 | Texana GCD | Texana GCD - WLM-20200820-06 | (Texana GCD - NW-00492) | 8/20/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 44.89 |
| 4456 | Texana GCD | Texana GCD - WLM-20200901-01 | (Texana GCD - NW-00487) | 9/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 25.5 |
| 4457 | Texana GCD | Texana GCD - WLM-20200901-02 | (Texana GCD - NW-00488) | 9/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 58.35 |
| 4428 | Texana GCD | Texana GCD - WLM-20200901-03 | (Texana GCD - NW-00489) | 9/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 23.45 |
| 4429 | Texana GCD | Texana GCD - WLM-20200901-04 | (Texana GCD - NW-00490) | 9/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 49.7 |
| 4474 | Texana GCD | Texana GCD - WLM-20200901-05 | (Texana GCD - NW-00491) | 9/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 18.23 |
| 4486 | Texana GCD | Texana GCD - WLM-20200901-06 | (Texana GCD - NW-00492) | 9/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 46.22 |
| 4430 | Texana GCD | Texana GCD - WLM-20200909-01 | (Texana GCD - NW-00489) | 9/9/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 33.44 |
| 4431 | Texana GCD | Texana GCD - WLM-20200909-02 | (Texana GCD - NW-00490) | 9/9/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 52.61 |
| 4458 | Texana GCD | Texana GCD - WLM-20200916-01 | (Texana GCD - NW-00487) | 9/16/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 21.87 |
| 4459 | Texana GCD | Texana GCD - WLM-20200916-02 | (Texana GCD - NW-00488) | 9/16/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 60.25 |
| 4432 | Texana GCD | Texana GCD - WLM-20200916-03 | (Texana GCD - NW-00489) | 9/16/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 21.86 |
| 4433 | Texana GCD | Texana GCD - WLM-20200916-04 | (Texana GCD - NW-00490) | 9/16/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 52.35 |
| 4475 | Texana GCD | Texana GCD - WLM-20200916-05 | (Texana GCD - NW-00491) | 9/16/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 20.16 |
| 4487 | Texana GCD | Texana GCD - WLM-20200916-06 | (Texana GCD - NW-00492) | 9/16/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 48.64 |
| 4460 | Texana GCD | Texana GCD - WLM-20201001-01 | (Texana GCD - NW-00487) | 10/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 25.58 |
| 4461 | Texana GCD | Texana GCD - WLM-20201001-02 | (Texana GCD - NW-00488) | 10/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 57.25 |
| 4434 | Texana GCD | Texana GCD - WLM-20201001-03 | (Texana GCD - NW-00489) | 10/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 18.6 |
| 4435 | Texana GCD | Texana GCD - WLM-20201001-04 | (Texana GCD - NW-00490) | 10/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 53.36 |
| 4476 | Texana GCD | Texana GCD - WLM-20201001-05 | (Texana GCD - NW-00491) | 10/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 16.2 |
| 4488 | Texana GCD | Texana GCD - WLM-20201001-06 | (Texana GCD - NW-00492) | 10/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 48.63 |
| 4462 | Texana GCD | Texana GCD - WLM-20201102-01 | (Texana GCD - NW-00487) | 11/2/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 22.7 |
| 4463 | Texana GCD | Texana GCD - WLM-20201102-02 | (Texana GCD - NW-00488) | 11/2/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 61.44 |
| 4436 | Texana GCD | Texana GCD - WLM-20201102-03 | (Texana GCD - NW-00489) | 11/2/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 27.77 |
| 4437 | Texana GCD | Texana GCD - WLM-20201102-04 | (Texana GCD - NW-00490) | 11/2/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 52.85 |
| 4477 | Texana GCD | Texana GCD - WLM-20201102-05 | (Texana GCD - NW-00491) | 11/2/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 29.75 |
| 4489 | Texana GCD | Texana GCD - WLM-20201102-06 | (Texana GCD - NW-00492) | 11/2/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 49.74 |
| 4509 | Texana GCD | Texana GCD - WLM-20201201-01 | (Texana GCD - NW-00487) | 12/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 31.01 |
| 4510 | Texana GCD | Texana GCD - WLM-20201201-02 | (Texana GCD - NW-00488) | 12/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 60.74 |
| 4511 | Texana GCD | Texana GCD - WLM-20201201-03 | (Texana GCD - NW-00489) | 12/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 30.3 |
| 4518 | Texana GCD | Texana GCD - WLM-20201201-04 | (Texana GCD - NW-00490) | 12/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 53.45 |
| 4512 | Texana GCD | Texana GCD - WLM-20201201-05 | (Texana GCD - NW-00491) | 12/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 23 |
| 4514 | Texana GCD | Texana GCD - WLM-20201201-06 | (Texana GCD - NW-00492) | 12/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 50.64 |
| 4516 | Texana GCD | Texana GCD - WLM-20201230-01 | (Texana GCD - NW-00487) | 12/30/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 16.94 |
| 4517 | Texana GCD | Texana GCD - WLM-20201230-02 | (Texana GCD - NW-00488) | 12/30/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 50.54 |
| 4520 | Texana GCD | Texana GCD - WLM-20201230-03 | (Texana GCD - NW-00489) | 12/30/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 16.1 |
| 4519 | Texana GCD | Texana GCD - WLM-20201230-04 | (Texana GCD - NW-00490) | 12/30/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 47.6 |
| 4513 | Texana GCD | Texana GCD - WLM-20201230-05 | (Texana GCD - NW-00491) | 12/30/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 15.5 |
| 4515 | Texana GCD | Texana GCD - WLM-20201230-06 | (Texana GCD - NW-00492) | 12/30/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 45.63 |
| 4528 | Texana GCD | Texana GCD - WLM-20210202-01 | (Texana GCD - NW-00487) | 2/2/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 16.14 |
| 4529 | Texana GCD | Texana GCD - WLM-20210202-02 | (Texana GCD - NW-00488) | 2/2/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 47.58 |
| 4530 | Texana GCD | Texana GCD - WLM-20210202-03 | (Texana GCD - NW-00489) | 2/2/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 15.62 |
| 4531 | Texana GCD | Texana GCD - WLM-20210202-04 | (Texana GCD - NW-00490) | 2/2/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 45.05 |
| 4532 | Texana GCD | Texana GCD - WLM-20210202-05 | (Texana GCD - NW-00491) | 2/2/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 15 |
| 4533 | Texana GCD | Texana GCD - WLM-20210202-06 | (Texana GCD - NW-00492) | 2/2/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 43.64 |
| 4539 | Texana GCD | Texana GCD - WLM-20210305-01 | (Texana GCD - NW-00487) | 3/5/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 18.49 |
| 4538 | Texana GCD | Texana GCD - WLM-20210305-02 | (Texana GCD - NW-00488) | 3/5/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 49.35 |
| 4537 | Texana GCD | Texana GCD - WLM-20210305-03 | (Texana GCD - NW-00489) | 3/5/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 17.55 |
| 4536 | Texana GCD | Texana GCD - WLM-20210305-04 | (Texana GCD - NW-00490) | 3/5/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 48.35 |
| 4535 | Texana GCD | Texana GCD - WLM-20210305-05 | (Texana GCD - NW-00491) | 3/5/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 16.48 |
| 4534 | Texana GCD | Texana GCD - WLM-20210305-06 | (Texana GCD - NW-00492) | 3/5/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 46.74 |
| 4553 | Texana GCD | Texana GCD - WLM-20210312-08 | (Texana GCD - GW-00244) | 3/12/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 25.06 |
| 4550 | Texana GCD | Texana GCD - WLM-20210312-06 | (Texana GCD - GW-00274) | 3/12/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 21 |
| 4549 | Texana GCD | Texana GCD - WLM-20210312-07 | (Texana GCD - GW-00278) | 3/12/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 48.7 |
| 4551 | Texana GCD | Texana GCD - WLM-20210312-05 | (Texana GCD - GW-00320) | 3/12/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 26 |
| 4548 | Texana GCD | Texana GCD - WLM-20210312-03 | (Texana GCD - GW-00410) | 3/12/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 37.25 |
| 4547 | Texana GCD | Texana GCD - WLM-20210312-02 | (Texana GCD - GW-00411) | 3/12/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 33.75 |
| 4546 | Texana GCD | Texana GCD - WLM-20210312-01 | (Texana GCD - NW-00195) | 3/12/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 32.65 |
| 4552 | Texana GCD | Texana GCD - WLM-20210312-04 | (Texana GCD - NW-00310) | 3/12/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 42.6 |
| 4555 | Texana GCD | Texana GCD - WLM-20210315-02 | (Texana GCD - GW-00247) | 3/15/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 25.77 |
| 4554 | Texana GCD | Texana GCD - WLM-20210315-01 | (Texana GCD - GW-00251) | 3/15/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 29.6 |
| 4558 | Texana GCD | Texana GCD - WLM-20210315-05 | (Texana GCD - GW-00283) | 3/15/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 34.55 |
| 4557 | Texana GCD | Texana GCD - WLM-20210315-04 | (Texana GCD - GW-00284) | 3/15/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 28.4 |
| 4556 | Texana GCD | Texana GCD - WLM-20210315-03 | (Texana GCD - GW-00285) | 3/15/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 32.4 |
| 4560 | Texana GCD | Texana GCD - WLM-20210315-07 | (Texana GCD - GW-00291) | 3/15/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 39.35 |
| 4559 | Texana GCD | Texana GCD - WLM-20210315-06 | (Texana GCD - GW-00385) | 3/15/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 28.15 |
| 4522 | Texana GCD | Texana GCD - WLM-20210316-06 | (Texana GCD - GW-00073) | 3/16/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 24.4 |
| 4524 | Texana GCD | Texana GCD - WLM-20210316-04 | (Texana GCD - GW-00075) | 3/16/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 28.65 |
| 4525 | Texana GCD | Texana GCD - WLM-20210316-03 | (Texana GCD - GW-00076) | 3/16/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 28.4 |
| 4523 | Texana GCD | Texana GCD - WLM-20210316-05 | (Texana GCD - GW-00077) | 3/16/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 28.7 |
| 4521 | Texana GCD | Texana GCD - WLM-20210316-07 | (Texana GCD - GW-00082) | 3/16/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 25.2 |
| 4526 | Texana GCD | Texana GCD - WLM-20210316-02 | (Texana GCD - GW-00090) | 3/16/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 44.4 |
| 4527 | Texana GCD | Texana GCD - WLM-20210316-01 | (Texana GCD - NW-00451) | 3/16/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 45.9 |
| 4540 | Texana GCD | Texana GCD - WLM-20210401-01 | (Texana GCD - NW-00487) | 4/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 16.1 |
| 4541 | Texana GCD | Texana GCD - WLM-20210401-02 | (Texana GCD - NW-00488) | 4/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 44.15 |
| 4542 | Texana GCD | Texana GCD - WLM-20210401-03 | (Texana GCD - NW-00489) | 4/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 15.06 |
| 4543 | Texana GCD | Texana GCD - WLM-20210401-04 | (Texana GCD - NW-00490) | 4/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 43.4 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 4544 | Texana GCD | Texana GCD - WLM-20210401-05 | (Texana GCD - NW-00491) | 4/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 14.44 |
| 4545 | Texana GCD | Texana GCD - WLM-20210401-06 | (Texana GCD - NW-00492) | 4/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 43.69 |
| 4580 | Texana GCD | Texana GCD - WLM-20210428-01 | (Texana GCD - GW-00563) | 4/28/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 32.4 |
| 4561 | Texana GCD | Texana GCD - WLM-20210503-01 | (Texana GCD - NW-00487) | 5/3/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 15.8 |
| 4562 | Texana GCD | Texana GCD - WLM-20210503-02 | (Texana GCD - NW-00488) | 5/3/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 49.2 |
| 4563 | Texana GCD | Texana GCD - WLM-20210503-03 | (Texana GCD - NW-00489) | 5/3/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 14.96 |
| 4564 | Texana GCD | Texana GCD - WLM-20210503-04 | (Texana GCD - NW-00490) | 5/3/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 47.4 |
| 4565 | Texana GCD | Texana GCD - WLM-20210503-05 | (Texana GCD - NW-00491) | 5/3/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 14.5 |
| 4566 | Texana GCD | Texana GCD - WLM-20210503-06 | (Texana GCD - NW-00492) | 5/3/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 44.79 |
| 4567 | Texana GCD | Texana GCD - WLM-20210507-01 | (Texana GCD - NW-00488) | 5/7/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 47.4 |
| 4568 | Texana GCD | Texana GCD - WLM-20210601-01 | (Texana GCD - NW-00487) | 6/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 14.42 |
| 4569 | Texana GCD | Texana GCD - WLM-20210601-02 | (Texana GCD - NW-00488) | 6/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 43.45 |
| 4570 | Texana GCD | Texana GCD - WLM-20210601-03 | (Texana GCD - NW-00489) | 6/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 13.75 |
| 4571 | Texana GCD | Texana GCD - WLM-20210601-04 | (Texana GCD - NW-00490) | 6/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 42.4 |
| 4572 | Texana GCD | Texana GCD - WLM-20210601-05 | (Texana GCD - NW-00491) | 6/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 13.3 |
| 4573 | Texana GCD | Texana GCD - WLM-20210601-06 | (Texana GCD - NW-00492) | 6/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 41.09 |
| 4574 | Texana GCD | Texana GCD - WLM-20210701-01 | (Texana GCD - NW-00487) | 7/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 13.93 |
| 4575 | Texana GCD | Texana GCD - WLM-20210701-02 | (Texana GCD - NW-00488) | 7/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 43.79 |
| 4576 | Texana GCD | Texana GCD - WLM-20210701-03 | (Texana GCD - NW-00489) | 7/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 13.5 |
| 4577 | Texana GCD | Texana GCD - WLM-20210701-04 | (Texana GCD - NW-00490) | 7/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 42.35 |
| 4578 | Texana GCD | Texana GCD - WLM-20210701-05 | (Texana GCD - NW-00491) | 7/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 12.92 |
| 4579 | Texana GCD | Texana GCD - WLM-20210701-06 | (Texana GCD - NW-00492) | 7/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 39.99 |
| 4586 | Texana GCD | Texana GCD - WLM-20210802-01 | (Texana GCD - NW-00487) | 8/2/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 15.52 |
| 4585 | Texana GCD | Texana GCD - WLM-20210802-02 | (Texana GCD - NW-00488) | 8/2/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 48.08 |
| 4584 | Texana GCD | Texana GCD - WLM-20210802-03 | (Texana GCD - NW-00489) | 8/2/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 19.9 |
| 4583 | Texana GCD | Texana GCD - WLM-20210802-04 | (Texana GCD - NW-00490) | 8/2/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 44.05 |
| 4582 | Texana GCD | Texana GCD - WLM-20210802-05 | (Texana GCD - NW-00491) | 8/2/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 22.6 |
| 4581 | Texana GCD | Texana GCD - WLM-20210802-06 | (Texana GCD - NW-00492) | 8/2/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 41.24 |
| 4593 | Texana GCD | Texana GCD - WLM-20210816-07 | (Texana GCD - GW-00073) | 8/16/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 22.5 |
| 4592 | Texana GCD | Texana GCD - WLM-20210716-06 | (Texana GCD - GW-00075) | 8/16/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 26.4 |
| 4590 | Texana GCD | Texana GCD - WLM-20210816-04 | (Texana GCD - GW-00076) | 8/16/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 28.2 |
| 4591 | Texana GCD | Texana GCD - WLM-20210816-05 | (Texana GCD - GW-00077) | 8/16/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 28.35 |
| 4589 | Texana GCD | Texana GCD - WLM-20210816-03 | (Texana GCD - GW-00082) | 8/16/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 24.9 |
| 4587 | Texana GCD | Texana GCD - WLM-20210816-01 | (Texana GCD - GW-00090) | 8/16/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 44.95 |
| 4588 | Texana GCD | Texana GCD - WLM-20210816-02 | (Texana GCD - NW-00451) | 8/16/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 46.4 |
| 4599 | Texana GCD | Texana GCD - WLM-20210817-06 | (Texana GCD - GW-00244) | 8/17/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 23.56 |
| 4600 | Texana GCD | Texana GCD - WLM-20210817-07 | (Texana GCD - GW-00247) | 8/17/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 23.82 |
| 4601 | Texana GCD | Texana GCD - WLM-20210817-08 | (Texana GCD - GW-00251) | 8/17/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 28.76 |
| 4602 | Texana GCD | Texana GCD - WLM-20210817-10 | (Texana GCD - GW-00276) | 8/17/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 42.6 |
| 4598 | Texana GCD | Texana GCD - WLM-20210817-05 | (Texana GCD - GW-00278) | 8/17/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 51 |
| 4603 | Texana GCD | Texana GCD - WLM-20210817-11 | (Texana GCD - GW-00320) | 8/17/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 24.5 |
| 4595 | Texana GCD | Texana GCD - WLM-20210817-02 | (Texana GCD - GW-00411) | 8/17/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 32.25 |
| 4596 | Texana GCD | Texana GCD - WLM-20210817-03 | (Texana GCD - GW-00411) | 8/17/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 35.75 |
| 4594 | Texana GCD | Texana GCD - WLM-20210817-01 | (Texana GCD - NW-00195) | 8/17/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 31.65 |
| 4597 | Texana GCD | Texana GCD - WLM-20210817-04 | (Texana GCD - NW-00310) | 8/17/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 40.6 |
| 4608 | Texana GCD | Texana GCD - WLM-20210818-05 | (Texana GCD - GW-00283) | 8/18/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 33.5 |
| 4609 | Texana GCD | Texana GCD - WLM-20210818-06 | (Texana GCD - GW-00284) | 8/18/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 27.6 |
| 4607 | Texana GCD | Texana GCD - WLM-20210818-04 | (Texana GCD - GW-00285) | 8/18/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 31.1 |
| 4605 | Texana GCD | Texana GCD - WLM-20210818-02 | (Texana GCD - GW-00291) | 8/18/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 37.05 |
| 4606 | Texana GCD | Texana GCD - WLM-20210818-03 | (Texana GCD - GW-00294) | 8/18/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 79.4 |
| 4604 | Texana GCD | Texana GCD - WLM-20210818-01 | (Texana GCD - GW-00385) | 8/18/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 26.8 |
| 4610 | Texana GCD | Texana GCD - WLM-20210901-01 | (Texana GCD - NW-00487) | 9/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 24.73 |
| 4611 | Texana GCD | Texana GCD - WLM-20210901-02 | (Texana GCD - NW-00488) | 9/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 58.3 |
| 4612 | Texana GCD | Texana GCD - WLM-20210901-03 | (Texana GCD - NW-00489) | 9/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 27.15 |
| 4613 | Texana GCD | Texana GCD - WLM-20210901-04 | (Texana GCD - NW-00490) | 9/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 48.25 |
| 4614 | Texana GCD | Texana GCD - WLM-20210901-05 | (Texana GCD - NW-00491) | 9/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 23.7 |
| 4615 | Texana GCD | Texana GCD - WLM-20210901-06 | (Texana GCD - NW-00492) | 9/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 45.94 |
| 4616 | Texana GCD | Texana GCD - WLM-20211004-01 | (Texana GCD - NW-00487) | 10/4/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 14.7 |
| 4617 | Texana GCD | Texana GCD - WLM-20211004-02 | (Texana GCD - NW-00488) | 10/4/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 52.15 |
| 4618 | Texana GCD | Texana GCD - WLM-20211004-03 | (Texana GCD - NW-00489) | 10/4/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 14.2 |
| 4619 | Texana GCD | Texana GCD - WLM-20211004-04 | (Texana GCD - NW-00490) | 10/4/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 48.75 |
| 4620 | Texana GCD | Texana GCD - WLM-20211004-05 | (Texana GCD - NW-00491) | 10/4/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 13.35 |
| 4621 | Texana GCD | Texana GCD - WLM-20211004-06 | (Texana GCD - NW-00492) | 10/4/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 46.14 |
| 4622 | Texana GCD | Texana GCD - WLM-20211101-01 | (Texana GCD - NW-00487) | 11/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 17.3 |
| 4623 | Texana GCD | Texana GCD - WLM-20211101-02 | (Texana GCD - NW-00488) | 11/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 52.9 |
| 4624 | Texana GCD | Texana GCD - WLM-20211101-03 | (Texana GCD - NW-00489) | 11/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 17.8 |
| 4625 | Texana GCD | Texana GCD - WLM-20211101-04 | (Texana GCD - NW-00490) | 11/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 52.15 |
| 4626 | Texana GCD | Texana GCD - WLM-20211101-05 | (Texana GCD - NW-00491) | 11/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 16 |
| 4627 | Texana GCD | Texana GCD - WLM-20211101-06 | (Texana GCD - NW-00492) | 11/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 45.44 |

| Parameter | Water Level Depth Below Surface (ft) |
|---|---|

| **Average of Parameter Measurement2** | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **2000** | **2010** | **2013** | **2014** | **2015** | **2016** | **2017** | **2018** | **2019** | **2020** | **2021** | CY21 - CY20 |
| (Texana GCD - GW-00073) | | | | | | | 21.8 | 30.7 | 30.5 | 25.9 | 23.5 | -2.43 |
| (Texana GCD - GW-00075) | | | | | | | 30.0 | 31.3 | 26.3 | 29.8 | 27.5 | -2.28 |
| (Texana GCD - GW-00076) | | | | | | | 32.2 | 32.0 | 31.1 | 29.9 | 28.3 | -1.64 |
| (Texana GCD - GW-00077) | | | | | | | 33.3 | 23.1 | 21.8 | 22.2 | 28.5 | 6.29 |
| (Texana GCD - GW-00082) | | | | | | | 24.3 | 25.8 | 24.8 | 22.9 | 25.1 | 2.15 |
| (Texana GCD - GW-00090) | | | | | | | | | 39.8 | 47.2 | 44.7 | -2.48 |
| (Texana GCD - GW-00244) | | | 33.6 | | 28.8 | | | 28.4 | 26.5 | 28.1 | 24.3 | -3.81 |
| (Texana GCD - GW-00247) | | | | | 29.9 | | | | 28.9 | 31.3 | 24.8 | -6.52 |
| (Texana GCD - GW-00251) | | | | | 33.5 | | | 39.7 | 34.3 | 31.2 | 29.2 | -2.01 |
| (Texana GCD - GW-00274) | 21.0 | 20.8 | | 22.6 | 21.6 | 19.2 | 18.7 | 19.5 | 18.8 | 21.1 | 21.0 | -0.05 |
| (Texana GCD - GW-00276) | 47.5 | 43.8 | | 46.5 | 44.5 | 43.5 | 40.6 | 44.2 | 43.1 | 44.0 | 42.6 | -1.40 |
| (Texana GCD - GW-00278) | | 46.3 | | 54.7 | 50.9 | 48.6 | 45.8 | 52.6 | 45.3 | 49.3 | 49.9 | 0.60 |
| (Texana GCD - GW-00283) | 40.5 | | | 36.8 | 34.1 | 32.0 | 31.3 | 32.9 | 30.3 | 33.2 | 34.0 | 0.87 |
| (Texana GCD - GW-00284) | 29.4 | 28.7 | | 30.9 | 30.3 | 31.1 | 27.9 | 32.7 | 27.8 | 28.3 | 28.0 | -0.25 |
| (Texana GCD - GW-00285) | 39.9 | 33.6 | | 36.2 | 35.5 | 33.9 | 32.5 | 32.3 | 32.8 | 33.6 | 31.8 | -1.84 |
| (Texana GCD - GW-00291) | 56.0 | 31.2 | | 35.4 | 31.4 | 28.9 | 27.7 | 24.2 | 29.7 | 33.9 | 38.2 | 4.32 |
| (Texana GCD - GW-00320) | 35.4 | 30.6 | | 31.9 | 33.8 | 29.4 | 28.3 | 28.1 | 37.9 | 29.5 | 25.3 | -4.25 |
| (Texana GCD - GW-00385) | 27.7 | | | | | | | 29.4 | 25.3 | 26.7 | 27.5 | 0.78 |
| (Texana GCD - GW-00410) | | | | | 32.9 | | | 30.2 | 34.4 | 35.0 | 37.3 | 2.29 |
| (Texana GCD - GW-00411) | | | | | 36.5 | | | 34.6 | 36.8 | 34.0 | 33.9 | -0.03 |
| (Texana GCD - NW-00195) | | | | | | | | 35.9 | 33.8 | 35.9 | 32.2 | -3.75 |
| (Texana GCD - NW-00310) | | | | | 42.8 | 42.2 | 40.8 | 37.9 | 41.8 | 43.1 | 41.6 | -1.45 |
| (Texana GCD - NW-00451) | | | | | | | | 68.6 | 34.6 | 46.2 | 46.2 | -0.07 |
| (Texana GCD - NW-00487) | | | | | | | | | | 20.2 | 16.7 | -3.49 |
| (Texana GCD - NW-00488) | | | | | | | | | | 50.2 | 48.8 | -1.47 |
| (Texana GCD - NW-00489) | | | | | | | | | | 23.6 | 16.9 | -6.65 |
| (Texana GCD - NW-00490) | | | | | | | | | | 47.0 | 46.2 | -0.74 |
| (Texana GCD - NW-00491) | | | | | | | | | | 21.1 | 16.2 | -4.88 |
| (Texana GCD - NW-00492) | | | | | | | | | | 45.0 | 43.9 | -1.13 |
| | **Average Water Level Change by Well from CY2020 to CY2021:** | | | | | | | | | | | **-1.22** |

| fid | GCD | GCD Source Document ID | GCD Water Well ID | Measurement Date | Measurement Method | Parameter | Parameter Measurement |
|---|---|---|---|---|---|---|---|
| 8 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00274) | 2/21/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 21 |
| 9 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00275) | 2/21/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 30.8 |
| 10 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00276) | 2/21/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 47.5 |
| 11 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00277) | 2/21/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 46.5 |
| 12 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00279) | 2/21/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 42 |
| 13 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00280) | 2/21/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 54 |
| 14 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00281) | 2/21/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 59.8 |
| 15 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00294) | 2/21/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 96.25 |
| 16 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00295) | 2/21/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 54.8 |
| 17 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00296) | 2/21/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 71.8 |
| 18 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00297) | 2/21/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 43.45 |
| 19 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00366) | 2/21/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 88.7 |
| 20 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00415) | 2/21/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 14.7 |
| 21 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00416) | 2/21/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 22.4 |
| 30 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00112) | 2/22/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 68 |
| 31 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00283) | 2/22/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 40.45 |
| 32 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00284) | 2/22/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 29.4 |
| 33 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00285) | 2/22/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 39.85 |
| 34 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00286) | 2/22/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 33.2 |
| 35 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00287) | 2/22/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 15.75 |
| 36 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00288) | 2/22/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 23.65 |
| 37 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00289) | 2/22/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 42.6 |
| 38 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00290) | 2/22/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 32.4 |
| 39 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00291) | 2/22/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 56 |
| 40 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00292) | 2/22/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 53 |
| 41 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00293) | 2/22/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 59.1 |
| 42 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00298) | 2/22/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 46.9 |
| 43 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00320) | 2/22/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 35.35 |
| 44 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00323) | 2/22/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 50.05 |
| 45 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00354) | 2/22/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 42.8 |
| 46 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00385) | 2/22/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 27.7 |
| 47 | Texana GCD | Texana GCD - WLM-20160830-01 | (Texana GCD - GW-00417) | 2/22/2000 | Steel Tape | Water Level Depth Below Surface (ft) | 56.2 |
| 114 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00274) | 2/8/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 20.78 |
| 115 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00275) | 2/8/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 33.12 |
| 116 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00276) | 2/8/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 43.82 |
| 117 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00277) | 2/8/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 38.29 |
| 118 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00278) | 2/8/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 46.3 |
| 119 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00279) | 2/8/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 34.63 |
| 120 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00280) | 2/8/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 45.85 |
| 121 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00281) | 2/8/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 49.97 |
| 122 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00289) | 2/8/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 34.16 |
| 123 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00293) | 2/8/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 46.75 |
| 124 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00294) | 2/8/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 85.15 |
| 125 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00295) | 2/8/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 44.78 |
| 126 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00296) | 2/8/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 62.12 |
| 127 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00297) | 2/8/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 40.38 |
| 128 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00323) | 2/8/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 40.18 |
| 129 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00354) | 2/8/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 35.51 |
| 130 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00415) | 2/8/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 12.69 |
| 135 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00284) | 2/9/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 28.65 |
| 136 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00285) | 2/9/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 33.59 |
| 137 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00286) | 2/9/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 33.24 |
| 138 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00287) | 2/9/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 12.93 |
| 139 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00288) | 2/9/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 19.02 |
| 140 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00291) | 2/9/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 31.24 |
| 141 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00292) | 2/9/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 48.04 |
| 142 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00298) | 2/9/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 35.09 |
| 143 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00299) | 2/9/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 41.17 |
| 144 | Texana GCD | Texana GCD - WLM-20180206-01 | (Texana GCD - GW-00320) | 2/9/2010 | Steel Tape | Water Level Depth Below Surface (ft) | 30.58 |
| 535 | Texana GCD | Texana GCD - WLM-20130523-02 | (Texana GCD - GW-00244) | 5/23/2013 | Steel Tape | Water Level Depth Below Surface (ft) | 33.55 |
| 540 | Texana GCD | Texana GCD - WLM-20130523-01 | (Texana GCD - GW-00300) | 5/23/2013 | Steel Tape | Water Level Depth Below Surface (ft) | 41.5 |
| 541 | Texana GCD | Texana GCD - WLM-20130523-03 | (Texana GCD - GW-00301) | 5/23/2013 | Steel Tape | Water Level Depth Below Surface (ft) | 57.3 |
| 857 | Texana GCD | Texana GCD - WLM-20140305-01 | (Texana GCD - GW-00294) | 2/24/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 85.47 |
| 858 | Texana GCD | Texana GCD - WLM-20140305-03 | (Texana GCD - GW-00295) | 2/24/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 51.45 |
| 859 | Texana GCD | Texana GCD - WLM-20140305-02 | (Texana GCD - GW-00296) | 2/24/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 60.33 |
| 860 | Texana GCD | Texana GCD - WLM-20140305-04 | (Texana GCD - GW-00297) | 2/24/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 44.55 |
| 861 | Texana GCD | Texana GCD - WLM-20140226-01 | (Texana GCD - GW-00274) | 2/25/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 22.27 |
| 862 | Texana GCD | Texana GCD - WLM-20140226-02 | (Texana GCD - GW-00275) | 2/25/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 31.21 |
| 863 | Texana GCD | Texana GCD - WLM-20140226-03 | (Texana GCD - GW-00276) | 2/25/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 46.52 |
| 864 | Texana GCD | Texana GCD - WLM-20140226-04 | (Texana GCD - GW-00277) | 2/25/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 39 |
| 865 | Texana GCD | Texana GCD - WLM-20140226-05 | (Texana GCD - GW-00278) | 2/25/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 49.95 |
| 866 | Texana GCD | Texana GCD - WLM-20140226-06 | (Texana GCD - GW-00280) | 2/25/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 50.12 |
| 867 | Texana GCD | Texana GCD - WLM-20140226-07 | (Texana GCD - GW-00281) | 2/25/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 53.45 |
| 868 | Texana GCD | Texana GCD - WLM-20140226-08 | (Texana GCD - GW-00320) | 2/25/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 31.71 |
| 869 | Texana GCD | Texana GCD - WLM-20140304-02 | (Texana GCD - GW-00283) | 2/27/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 34.61 |
| 870 | Texana GCD | Texana GCD - WLM-20140304-03 | (Texana GCD - GW-00285) | 2/27/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 35.57 |
| 871 | Texana GCD | Texana GCD - WLM-20140304-04 | (Texana GCD - GW-00286) | 2/27/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 6.65 |
| 872 | Texana GCD | Texana GCD - WLM-20140304-05 | (Texana GCD - GW-00287) | 2/27/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 14.76 |

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| 873 | Texana GCD | Texana GCD - WLM-20140304-06 | (Texana GCD - GW-00288) | 2/27/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 21.45 |
| 874 | Texana GCD | Texana GCD - WLM-20140304-07 | (Texana GCD - GW-00289) | 2/27/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 37.28 |
| 875 | Texana GCD | Texana GCD - WLM-20140304-08 | (Texana GCD - GW-00290) | 2/27/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 18.31 |
| 876 | Texana GCD | Texana GCD - WLM-20140304-09 | (Texana GCD - GW-00291) | 2/27/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 34.66 |
| 877 | Texana GCD | Texana GCD - WLM-20140304-10 | (Texana GCD - GW-00292) | 2/27/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 39.36 |
| 878 | Texana GCD | Texana GCD - WLM-20140304-11 | (Texana GCD - GW-00293) | 2/27/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 45.7 |
| 879 | Texana GCD | Texana GCD - WLM-20140304-01 | (Texana GCD - GW-00320) | 2/27/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 30.2 |
| 1142 | Texana GCD | Texana GCD - WLM-20140915-04 | (Texana GCD - GW-00274) | 9/15/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 22.9 |
| 1143 | Texana GCD | Texana GCD - WLM-20140915-02 | (Texana GCD - GW-00276) | 9/15/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 46.5 |
| 1144 | Texana GCD | Texana GCD - WLM-20140915-11 | (Texana GCD - GW-00278) | 9/15/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 59.5 |
| 1145 | Texana GCD | Texana GCD - WLM-20140915-07 | (Texana GCD - GW-00280) | 9/15/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 50.37 |
| 1146 | Texana GCD | Texana GCD - WLM-20140915-09 | (Texana GCD - GW-00281) | 9/15/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 54.05 |
| 1147 | Texana GCD | Texana GCD - WLM-20140915-13 | (Texana GCD - GW-00289) | 9/15/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 44.7 |
| 1148 | Texana GCD | Texana GCD - WLM-20140915-12 | (Texana GCD - GW-00290) | 9/15/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 27.87 |
| 1149 | Texana GCD | Texana GCD - WLM-20140915-01 | (Texana GCD - GW-00294) | 9/15/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 108.45 |
| 1150 | Texana GCD | Texana GCD - WLM-20140915-08 | (Texana GCD - GW-00296) | 9/15/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 74.47 |
| 1151 | Texana GCD | Texana GCD - WLM-20140916-14 | (Texana GCD - GW-00283) | 9/16/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 39.02 |
| 1152 | Texana GCD | Texana GCD - WLM-20140916-13 | (Texana GCD - GW-00284) | 9/16/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 30.85 |
| 1153 | Texana GCD | Texana GCD - WLM-20140916-15 | (Texana GCD - GW-00285) | 9/16/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 36.9 |
| 1154 | Texana GCD | Texana GCD - WLM-20140916-01 | (Texana GCD - GW-00286) | 9/16/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 35 |
| 1155 | Texana GCD | Texana GCD - WLM-20140916-07 | (Texana GCD - GW-00288) | 9/16/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 21.9 |
| 1156 | Texana GCD | Texana GCD - WLM-20140916-06 | (Texana GCD - GW-00291) | 9/16/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 36.1 |
| 1157 | Texana GCD | Texana GCD - WLM-20140916-05 | (Texana GCD - GW-00292) | 9/16/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 42.6 |
| 1158 | Texana GCD | Texana GCD - WLM-20140916-12 | (Texana GCD - GW-00293) | 9/16/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 56.66 |
| 1159 | Texana GCD | Texana GCD - WLM-20140916-02 | (Texana GCD - GW-00295) | 9/16/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 70 |
| 1160 | Texana GCD | Texana GCD - WLM-20140916-03 | (Texana GCD - GW-00296) | 9/16/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 45.7 |
| 1161 | Texana GCD | Texana GCD - WLM-20140916-17 | (Texana GCD - GW-00299) | 9/16/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 44.5 |
| 1162 | Texana GCD | Texana GCD - WLM-20140916-04 | (Texana GCD - GW-00320) | 9/16/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 33.83 |
| 1163 | Texana GCD | Texana GCD - WLM-20140916-09 | (Texana GCD - GW-00323) | 9/16/2014 | Steel Tape | Water Level Depth Below Surface (ft) | 44.7 |
| 1259 | Texana GCD | Texana GCD - WLM-20150316-02 | (Texana GCD - GW-00274) | 3/16/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 22.27 |
| 1260 | Texana GCD | Texana GCD - WLM-20150316-03 | (Texana GCD - GW-00276) | 3/16/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 44.5 |
| 1261 | Texana GCD | Texana GCD - WLM-20150316-08 | (Texana GCD - GW-00278) | 3/16/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 46.28 |
| 1262 | Texana GCD | Texana GCD - WLM-20150316-05 | (Texana GCD - GW-00280) | 3/16/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 48.28 |
| 1263 | Texana GCD | Texana GCD - WLM-20150316-07 | (Texana GCD - GW-00281) | 3/16/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 50.65 |
| 1264 | Texana GCD | Texana GCD - WLM-20150316-10 | (Texana GCD - GW-00289) | 3/16/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 37.5 |
| 1265 | Texana GCD | Texana GCD - WLM-20150316-09 | (Texana GCD - GW-00290) | 3/16/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 25 |
| 1266 | Texana GCD | Texana GCD - WLM-20150316-11 | (Texana GCD - GW-00293) | 3/16/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 44.2 |
| 1267 | Texana GCD | Texana GCD - WLM-20150316-06 | (Texana GCD - GW-00296) | 3/16/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 58.8 |
| 1268 | Texana GCD | Texana GCD - WLM-20150316-01 | (Texana GCD - GW-00297) | 3/16/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 44.6 |
| 1269 | Texana GCD | Texana GCD - WLM 20150317-02 | (Texana GCD - GW-00283) | 3/17/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 34.3 |
| 1270 | Texana GCD | Texana GCD - WLM-20150317-01 | (Texana GCD - GW-00284) | 3/17/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 30.05 |
| 1271 | Texana GCD | Texana GCD - WLM-20150317-03 | (Texana GCD - GW-00285) | 3/17/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 36.2 |
| 1272 | Texana GCD | Texana GCD - WLM-20150317-06 | (Texana GCD - GW-00287) | 3/17/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 8.8 |
| 1273 | Texana GCD | Texana GCD - WLM-20150317-09 | (Texana GCD - GW-00288) | 3/17/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 19.47 |
| 1274 | Texana GCD | Texana GCD - WLM-20150317-08 | (Texana GCD - GW-00291) | 3/17/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 31.35 |
| 1275 | Texana GCD | Texana GCD - WLM-20150317-07 | (Texana GCD - GW-00292) | 3/17/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 38.9 |
| 1276 | Texana GCD | Texana GCD - WLM-20150317-04 | (Texana GCD - GW-00299) | 3/17/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 43.73 |
| 1277 | Texana GCD | Texana GCD - WLM-20150317-11 | (Texana GCD - GW-00320) | 3/17/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 30.8 |
| 1278 | Texana GCD | Texana GCD - WLM-20150317-10 | (Texana GCD - GW-00323) | 3/17/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 40.4 |
| 1340 | Texana GCD | Texana GCD - WLM-20150409-03 | (Texana GCD - GW-00195) | 4/9/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 36.25 |
| 1341 | Texana GCD | Texana GCD - WLM-20150409-05 | (Texana GCD - GW-00340) | 4/9/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 38 |
| 1342 | Texana GCD | Texana GCD - WLM-20150409-02 | (Texana GCD - GW-00409) | 4/9/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 36.95 |
| 1343 | Texana GCD | Texana GCD - WLM-20150409-01 | (Texana GCD - GW-00410) | 4/9/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 32.86 |
| 1344 | Texana GCD | Texana GCD - WLM-20150409-04 | (Texana GCD - GW-00411) | 4/9/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 36.47 |
| 1345 | Texana GCD | Texana GCD - WLM-20150413-04 | (Texana GCD - GW-00244) | 4/13/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 28.76 |
| 1346 | Texana GCD | Texana GCD - WLM-20150413-03 | (Texana GCD - GW-00247) | 4/13/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 29.9 |
| 1347 | Texana GCD | Texana GCD - WLM-20150413-02 | (Texana GCD - GW-00251) | 4/13/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 33.47 |
| 1348 | Texana GCD | Texana GCD - WLM-20150413-01 | (Texana GCD - GW-00412) | 4/13/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 27.05 |
| 1368 | Texana GCD | Texana GCD - WLM-20150420-01 | (Texana GCD - GW-00305) | 4/20/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 49.25 |
| 1408 | Texana GCD | Texana GCD - WLM-20150527-02 | (Texana GCD - GW-00171) | 5/27/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 27.8 |
| 1414 | Texana GCD | Texana GCD - WLM-20150527-01 | (Texana GCD - GW-00172) | 5/27/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 32.66 |
| 1532 | Texana GCD | Texana GCD - WLM-20150818-01 | (Texana GCD - GW-00294) | 8/18/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 108.95 |
| 1533 | Texana GCD | Texana GCD - WLM-20150818-02 | (Texana GCD - GW-00295) | 8/18/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 70.9 |
| 1537 | Texana GCD | Texana GCD - WLm-20150915-02 | (Texana GCD - GW-00274) | 9/15/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 20.85 |
| 1538 | Texana GCD | Texana GCD - WLM-20150915-03 | (Texana GCD - GW-00276) | 9/15/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 44.45 |
| 1539 | Texana GCD | Texana GCD - WLM-20150915-08 | (Texana GCD - GW-00278) | 9/15/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 55.5 |
| 1541 | Texana GCD | Texana GCD - WLM-20150915-05 | (Texana GCD - GW-00280) | 9/15/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 46.4 |
| 1542 | Texana GCD | Texana GCD - WLM-20150915-07 | (Texana GCD - GW-00281) | 9/15/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 51.4 |
| 1543 | Texana GCD | Texana GCD - WLM-20150915-10 | (Texana GCD - GW-00289) | 9/15/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 39 |
| 1544 | Texana GCD | Texana GCD - WLM-20150915-09 | (Texana GCD - GW-00290) | 9/15/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 22.9 |
| 1545 | Texana GCD | Texana GCD - WLM-20150915-11 | (Texana GCD - GW-00293) | 9/15/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 47.1 |
| 1546 | Texana GCD | Texana GCD - WLM-20150915-06 | (Texana GCD - GW-00296) | 9/15/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 69.7 |
| 1547 | Texana GCD | Texana GCD - WLM-20150915-01 | (Texana GCD - GW-00297) | 9/15/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 42.45 |
| 1548 | Texana GCD | Texana GCD - WLM-20150915-04 | (Texana GCD - NW-00310) | 9/15/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 42.8 |
| 1549 | Texana GCD | Texana GCD - WLM-20150917-02 | (Texana GCD - GW-00283) | 9/17/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 33.8 |
| 1550 | Texana GCD | Texana GCD - WLM-20150917-01 | (Texana GCD - GW-00284) | 9/17/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 30.5 |
| 1551 | Texana GCD | Texana GCD - WLM-20150917-03 | (Texana GCD - GW-00285) | 9/17/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 34.85 |
| 1552 | Texana GCD | Texana GCD - WLM-20150917-08 | (Texana GCD - GW-00288) | 9/17/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 18 |
| 1553 | Texana GCD | Texana GCD - WLM-20150917-07 | (Texana GCD - GW-00291) | 9/17/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 31.45 |
| 1554 | Texana GCD | Texana GCD - WLM-20150917-06 | (Texana GCD - GW-00292) | 9/17/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 38.9 |

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| 1555 | Texana GCD | Texana GCD - WLM-20150917-04 | (Texana GCD - GW-00299) | 9/17/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 42.1 |
| 1556 | Texana GCD | Texana GCD - WLM-20150917-10 | (Texana GCD - GW-00320) | 9/17/2015 | Steel Tape | Water Level Depth Below Surface (ft) | 36.8 |
| 1694 | Texana GCD | Texana GCD - WLM-20160321-01 | (Texana GCD - GW-00274) | 3/21/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 18.75 |
| 1695 | Texana GCD | Texana GCD - WLM-20160321-02 | (Texana GCD - GW-00276) | 3/21/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 43.28 |
| 1696 | Texana GCD | Texana GCD - WLM-20160321-05 | (Texana GCD - GW-00278) | 3/21/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 45.27 |
| 1697 | Texana GCD | Texana GCD - WLM-20160321-04 | (Texana GCD - GW-00281) | 3/21/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 48.95 |
| 1698 | Texana GCD | Texana GCD - WLM-20160321-09 | (Texana GCD - GW-00288) | 3/21/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 17.1 |
| 1699 | Texana GCD | Texana GCD - WLM-20160321-07 | (Texana GCD - GW-00289) | 3/21/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 34 |
| 1700 | Texana GCD | Texana GCD - WLM-20160321-06 | (Texana GCD - GW-00290) | 3/21/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 24 |
| 1701 | Texana GCD | Texana GCD - WLM-20160321-11 | (Texana GCD - GW-00291) | 3/21/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 28.85 |
| 1702 | Texana GCD | Texana GCD - WLM-20160321-10 | (Texana GCD - GW-00292) | 3/21/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 35.6 |
| 1703 | Texana GCD | Texana GCD - WLM-20160321-08 | (Texana GCD - GW-00293) | 3/21/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 38.69 |
| 1704 | Texana GCD | Texana GCD - WLM-20160321-03 | (Texana GCD - GW-00294) | 3/21/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 81.6 |
| 1705 | Texana GCD | Texana GCD - WLM-20160321-12 | (Texana GCD - GW-00295) | 3/21/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 53.1 |
| 1706 | Texana GCD | Texana GCD - WLM-20160322-08 | (Texana GCD - GW-00283) | 3/22/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 31.3 |
| 1707 | Texana GCD | Texana GCD - WLM-20160322-09 | (Texana GCD - GW-00284) | 3/22/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 33.75 |
| 1708 | Texana GCD | Texana GCD - WLM-20160322-07 | (Texana GCD - GW-00285) | 3/22/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 33.75 |
| 1709 | Texana GCD | Texana GCD - WLM-20160322-05 | (Texana GCD - GW-00287) | 3/22/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 11 |
| 1710 | Texana GCD | Texana GCD - WLM-20160322-02 | (Texana GCD - GW-00297) | 3/22/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 29.86 |
| 1711 | Texana GCD | Texana GCD - WLM-20160322-06 | (Texana GCD - GW-00299) | 3/22/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 41.45 |
| 1712 | Texana GCD | Texana GCD - WLM-20160322-03 | (Texana GCD - GW-00320) | 3/22/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 29.35 |
| 1713 | Texana GCD | Texana GCD - WLM-20160322-04 | (Texana GCD - GW-00323) | 3/22/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 38.1 |
| 1714 | Texana GCD | Texana GCD - WLM-20160322-01 | (Texana GCD - NW-00310) | 3/22/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 41.85 |
| 1720 | Texana GCD | Texana GCD - WQM-20160708-01 | (Texana GCD - GW-00119) | 4/5/2016 | Electronic Tape | Water Level Depth Below Surface (ft) | 60.83 |
| 1721 | Texana GCD | Texana GCD - WQM-20160708-01 | (Texana GCD - GW-00120) | 4/5/2016 | Electronic Tape | Water Level Depth Below Surface (ft) | 71.5 |
| 1722 | Texana GCD | Texana GCD - WQM-20160708-01 | (Texana GCD - GW-00121) | 4/5/2016 | Electronic Tape | Water Level Depth Below Surface (ft) | 62.47 |
| 1723 | Texana GCD | Texana GCD - WQM-20160708-01 | (Texana GCD - GW-00122) | 4/5/2016 | Electronic Tape | Water Level Depth Below Surface (ft) | 64.26 |
| 1724 | Texana GCD | Texana GCD - WQM-20160708-01 | (Texana GCD - GW-00123) | 4/5/2016 | Electronic Tape | Water Level Depth Below Surface (ft) | 64.65 |
| 1725 | Texana GCD | Texana GCD - WQM-20160708-01 | (Texana GCD - GW-00310) | 4/5/2016 | Electronic Tape | Water Level Depth Below Surface (ft) | 46.12 |
| 1726 | Texana GCD | Texana GCD - WQM-20160708-01 | (Texana GCD - GW-00311) | 4/5/2016 | Electronic Tape | Water Level Depth Below Surface (ft) | 46.44 |
| 1727 | Texana GCD | Texana GCd - WQM-20160708-01 | (Texana GCD - GW-00312) | 4/5/2016 | Electronic Tape | Water Level Depth Below Surface (ft) | 49.08 |
| 1874 | Texana GCD | Texana GCD - WLM-20160927-01 | (Texana GCD - GW-00274) | 9/27/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 19.65 |
| 1875 | Texana GCD | Texana GCD - WLM-20160927-02 | (Texana GCD - GW-00276) | 9/27/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 43.78 |
| 1876 | Texana GCD | Texana GCD - WLM-20160927-06 | (Texana GCD - GW-00278) | 9/27/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 52 |
| 1877 | Texana GCD | Texana GCD - WLM-20160927-05 | (Texana GCD - GW-00281) | 9/27/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 51.25 |
| 1878 | Texana GCD | Texana GCD - WLM-20160927-10 | (Texana GCD - GW-00288) | 9/27/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 13.3 |
| 1879 | Texana GCD | Texana GCD - WLM-20160927-08 | (Texana GCD - GW-00289) | 9/27/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 36.2 |
| 1880 | Texana GCD | Texana GCD - WLM-20160927-07 | (Texana GCD - GW-00290) | 9/27/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 22 |
| 1881 | Texana GCD | Texana GCD - WLM-20160927-11 | (Texana GCD - GW-00292) | 9/27/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 36.5 |
| 1882 | Texana GCD | Texana GCD - WLM-20160927-09 | (Texana GCD - GW-00293) | 9/27/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 44.7 |
| 1883 | Texana GCD | Texana GCD - WLM-20160927-04 | (Texana GCD - GW-00296) | 9/27/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 80.8 |
| 1884 | Texana GCD | Texana GCD - WLM-20160927-03 | (Texana GCD - GW-00394) | 9/27/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 107.75 |
| 1885 | Texana GCD | Texana GCD - WLM-20160928-02 | (Texana GCD - GW-00283) | 9/28/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 32.6 |
| 1886 | Texana GCD | Texana GCD - WLM-20160928-01 | (Texana GCD - GW-00284) | 9/28/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 28.5 |
| 1887 | Texana GCD | Texana GCD - WLM-20160928-03 | (Texana GCD - GW-00285) | 9/28/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 34 |
| 1888 | Texana GCD | Texana GCD - WLM-20160928-05 | (Texana GCD - GW-00287) | 9/28/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 14.8 |
| 1889 | Texana GCD | Texana GCD - WLM-20160928-08 | (Texana GCD - GW-00297) | 9/28/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 42.49 |
| 1890 | Texana GCD | Texana GCD - WLM-20160928-04 | (Texana GCD - GW-00299) | 9/28/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 42.1 |
| 1891 | Texana GCD | Texana GCD - WLM-20160928-06 | (Texana GCD - GW-00323) | 9/28/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 38.7 |
| 1892 | Texana GCD | Texana GCD - WLM-20160928-07 | (Texana GCD - NW-00310) | 9/28/2016 | Steel Tape | Water Level Depth Below Surface (ft) | 42.5 |
| 2052 | Texana GCD | Texana GCD - WLM-20170313-01 | (Texana GCD - GW-00073) | 3/13/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 21.8 |
| 2053 | Texana GCD | Texana GCD - WLM-20170313-03 | (Texana GCD - GW-00075) | 3/13/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 30 |
| 2054 | Texana GCD | Texana GCD - WLM-20170313-02 | (Texana GCD - GW-00076) | 3/13/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 32.2 |
| 2056 | Texana GCD | Texana GCD - WLM-20170313-04 | (Texana GCD - GW-00077) | 3/13/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 33.34 |
| 2057 | Texana GCD | Texana GCD - WLM-20170313-05 | (Texana GCD - GW-00082) | 3/13/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 24.3 |
| 2058 | Texana GCD | Texana GCD - WLM-20170314-02 | (Texana GCD - GW-00289) | 3/14/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 37.4 |
| 2059 | Texana GCD | Texana GCD - WLM-20170314-03 | (Texana GCD - GW-00290) | 3/14/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 21 |
| 2060 | Texana GCD | Texana GCD - WLM-20170314-01 | (Texana GCD - GW-00293) | 3/14/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 36.35 |
| 2061 | Texana GCD | Texana GCD - WLM-20170315-02 | (Texana GCD - GW-00274) | 3/15/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 18.3 |
| 2062 | Texana GCD | Texana GCD - WLM-20170315-03 | (Texana GCD - GW-00276) | 3/15/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 43 |
| 2063 | Texana GCD | Texana GCD - WLM-20170315-07 | (Texana GCD - GW-00278) | 3/15/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 42.7 |
| 2064 | Texana GCD | Texana GCD - WLM-20170315-06 | (Texana GCD - GW-00281) | 3/15/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 47 |
| 2065 | Texana GCD | Texana GCD - WLM-20170315-15 | (Texana GCD - GW-00283) | 3/15/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 30.35 |
| 2066 | Texana GCD | Texana GCD - WLM-20170315-16 | (Texana GCD - GW-00284) | 3/15/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 27.5 |
| 2067 | Texana GCD | Texana GCD - WLM-20170315-17 | (Texana GCD - GW-00285) | 3/15/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 32.95 |
| 2068 | Texana GCD | Texana GCD - WLM-20170315-09 | (Texana GCD - GW-00288) | 3/15/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 15.5 |
| 2069 | Texana GCD | Texana GCD - WLM-20170315-10 | (Texana GCD - GW-00291) | 3/15/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 27.67 |
| 2070 | Texana GCD | Texana GCD - WLM-20170315-11 | (Texana GCD - GW-00292) | 3/15/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 36 |
| 2071 | Texana GCD | Texana GCD - WLM-20170315-04 | (Texana GCD - GW-00294) | 3/15/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 91.25 |
| 2072 | Texana GCD | Texana GCD - WLM-20170315-05 | (Texana GCD - GW-00296) | 3/15/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 55.7 |
| 2073 | Texana GCD | Texana GCD - WLM-20170315-13 | (Texana GCD - GW-00297) | 3/15/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 41.8 |
| 2074 | Texana GCD | Texana GCD - WLM-20170315-14 | (Texana GCD - GW-00299) | 3/15/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 41.25 |
| 2075 | Texana GCD | Texana GCD - WLM-20170315-01 | (Texana GCD - GW-00320) | 3/15/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 28.3 |
| 2076 | Texana GCD | Texana GCD - WLM-20170315-08 | (Texana GCD - GW-00323) | 3/15/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 35.5 |
| 2077 | Texana GCD | Texana GCD - WLM-20170315-12 | (Texana GCD - NW-00310) | 3/15/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 41.35 |
| 2145 | Texana GCD | Texana GCD - WQM-20170706-02 | (Texana GCD - GW-00119) | 4/3/2017 | Electronic Tape | Water Level Depth Below Surface (ft) | 50.11 |
| 2146 | Texana GCD | Texana GCD - WQM-20170706-02 | (Texana GCD - GW-00120) | 4/3/2017 | Electronic Tape | Water Level Depth Below Surface (ft) | 45.05 |
| 2147 | Texana GCD | Texana GCD - WQM-20170706-02 | (Texana GCD - GW-00121) | 4/3/2017 | Electronic Tape | Water Level Depth Below Surface (ft) | 47 |
| 3700 | Texana GCD | Texana GCD - WQM-20170706-02 | (Texana GCD - GW-00122) | 4/3/2017 | Electronic Tape | Water Level Depth Below Surface (ft) | 47.88 |
| 2148 | Texana GCD | Texana GCD - WQM-20170706-02 | (Texana GCD - GW-00123) | 4/3/2017 | Electronic Tape | Water Level Depth Below Surface (ft) | 48.24 |

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| 2149 | Texana GCD | Texana GCD - WQM-20170706-02 | (Texana GCD - GW-00310) | 4/3/2017 | Electronic Tape | Water Level Depth Below Surface (ft) | 39.65 |
| 2150 | Texana GCD | Texana GCD - WQM-20170706-02 | (Texana GCD - GW-00311) | 4/3/2017 | Electronic Tape | Water Level Depth Below Surface (ft) | 38.9 |
| 2151 | Texana GCD | Texana GCD - WQM-20170706-02 | (Texana GCD - GW-00312) | 4/3/2017 | Electronic Tape | Water Level Depth Below Surface (ft) | 40.7 |
| 2474 | Texana GCD | Texana GCD - WLM-20171011-04 | (Texana GCD - GW-00274) | 10/11/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 19.1 |
| 2475 | Texana GCD | Texana GCD - WLM-20171010-05 | (Texana GCD - GW-00276) | 10/11/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 38.2 |
| 2476 | Texana GCD | Texana GCD - WLM-20171011-09 | (Texana GCD - GW-00278) | 10/11/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 48.9 |
| 2477 | Texana GCD | Texana GCD - WLM-20171011-08 | (Texana GCD - GW-00281) | 10/11/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 46.4 |
| 2478 | Texana GCD | Texana GCD - WLM-20171011-14 | (Texana GCD - GW-00283) | 10/11/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 32.2 |
| 2479 | Texana GCD | Texana GCD - WLM-20171011-13 | (Texana GCD - GW-00284) | 10/11/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 28.2 |
| 2480 | Texana GCD | Texana GCD - WLM-20171011-15 | (Texana GCD - GW-00285) | 10/11/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 32.1 |
| 2481 | Texana GCD | Texana GCD - WLM-20171011-17 | (Texana GCD - GW-00287) | 10/11/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 26.8 |
| 2482 | Texana GCD | Texana GCD - WLM-20171011-18 | (Texana GCD - GW-00288) | 10/11/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 16.95 |
| 2483 | Texana GCD | Texana GCD - WLM-20171011-11 | (Texana GCD - GW-00289) | 10/11/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 35.6 |
| 2484 | Texana GCD | Texana GCD - WLM-20171011-10 | (Texana GCD - GW-00290) | 10/11/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 22 |
| 2485 | Texana GCD | Texana GCD - WLM-20171011-19 | (Texana GCD - GW-00292) | 10/11/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 36.8 |
| 2486 | Texana GCD | Texana GCD - WLM-20171011-12 | (Texana GCD - GW-00293) | 10/11/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 41.3 |
| 2487 | Texana GCD | Texana GCD - WLM-20171011-06 | (Texana GCD - GW-00294) | 10/11/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 97.15 |
| 2488 | Texana GCD | Texana GCD - WLM-20171011-01 | (Texana GCD - GW-00295) | 10/11/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 55.7 |
| 2489 | Texana GCD | Texana GCD - WLM-20171011-02 | (Texana GCD - GW-00297) | 10/11/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 40.4 |
| 2450 | Texana GCD | Texana GCD - WLM-20171011-07 | (Texana GCD - GW-00297) | 10/11/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 32.2 |
| 2490 | Texana GCD | Texana GCD - WLM-20171011-16 | (Texana GCD - GW-00299) | 10/11/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 42 |
| 2491 | Texana GCD | Texana GCD - WLM-20171011-03 | (Texana GCD - NW-00310) | 10/11/2017 | Steel Tape | Water Level Depth Below Surface (ft) | 40.3 |
| 2683 | Texana GCD | Texana GCD - WLM-20180313-03 | (Texana GCD - GW-00274) | 3/13/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 18.6 |
| 2684 | Texana GCD | Texana GCD - WLM-20180313-04 | (Texana GCD - GW-00276) | 3/13/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 43.8 |
| 2685 | Texana GCD | Texana GCD - WLM-20180313-07 | (Texana GCD - GW-00278) | 3/13/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 43.3 |
| 2686 | Texana GCD | Texana GCD - WLM-20180313-06 | (Texana GCD - GW-00281) | 3/13/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 46.6 |
| 2687 | Texana GCD | Texana GCD - WLM-20180313-12 | (Texana GCD - GW-00283) | 3/13/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 29.6 |
| 2688 | Texana GCD | Texana GCD - WLM-20180313-13 | (Texana GCD - GW-00285) | 3/13/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 32.3 |
| 2689 | Texana GCD | Texana GCD - WLM-20180313-17 | (Texana GCD - GW-00288) | 3/13/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 17.4 |
| 2690 | Texana GCD | Texana GCD - WLM-20180313-08 | (Texana GCD - GW-00290) | 3/13/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 21.6 |
| 2691 | Texana GCD | Texana GCD - WLM-20180313-18 | (Texana GCD - GW-00292) | 3/13/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 34.55 |
| 2692 | Texana GCD | Texana GCD - WLM-20180313-10 | (Texana GCD - GW-00293) | 3/13/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 35.95 |
| 2693 | Texana GCD | Texana GCD - WLM-20180313-05 | (Texana GCD - GW-00294) | 3/13/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 81.25 |
| 2694 | Texana GCD | Texana GCD - WLM-20180313-01 | (Texana GCD - GW-00295) | 3/13/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 150.5 |
| 2695 | Texana GCD | Texana GCD - WLM-20180313-14 | (Texana GCD - GW-00299) | 3/13/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 42.1 |
| 2696 | Texana GCD | Texana GCD - WLM-20180313-16 | (Texana GCD - GW-00323) | 3/13/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 28.5 |
| 2697 | Texana GCD | Texana GCD - WLM-20180313-02 | (Texana GCD - NW-00310) | 3/13/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 38.15 |
| 2726 | Texana GCD | Texana GCD - WLM-20180313-11 | (Texana GCD - GW-00284) | 3/18/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 36 |
| 2727 | Texana GCD | Texana GCD - WLM-20180321-17 | (Texana GCD - GW-00073) | 3/21/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 30.3 |
| 2728 | Texana GCD | Texana GCD - WLM-20180321-16 | (Texana GCD - GW-00075) | 3/21/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 30.5 |
| 2729 | Texana GCD | Texana GCD - WLM-20180321-15 | (Texana GCD - GW-00076) | 3/21/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 31.45 |
| 2730 | Texana GCD | Texana GCD - WLM-20180321-14 | (Texana GCD - GW-00077) | 3/21/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 22.7 |
| 2731 | Texana GCD | Texana GCD - WLM-20180321-13 | (Texana GCD - GW-00082) | 3/21/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 25.65 |
| 2732 | Texana GCD | Texana GCD - WLM-20180321-11 | (Texana GCD - GW-00244) | 3/21/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 26.16 |
| 2733 | Texana GCD | Texana GCD - WLM-20180321-08 | (Texana GCD - GW-00253) | 3/21/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 31.8 |
| 2734 | Texana GCD | Texana GCD - WLM-20180321-06 | (Texana GCD - GW-00291) | 3/21/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 27.95 |
| 2735 | Texana GCD | Texana GCD - WLM-20180321-07 | (Texana GCD - GW-00320) | 3/21/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 28.1 |
| 2736 | Texana GCD | Texana GCD - WLM-20180321-01 | (Texana GCD - GW-00340) | 3/21/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 35.9 |
| 2737 | Texana GCD | Texana GCD - WLM-20180321-12 | (Texana GCD - GW-00385) | 3/21/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 28.6 |
| 2738 | Texana GCD | Texana GCD - WLM-20180321-04 | (Texana GCD - GW-00410) | 3/21/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 29.55 |
| 2739 | Texana GCD | Texana GCD - WLM-20180321-03 | (Texana GCD - GW-00411) | 3/21/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 33.55 |
| 2740 | Texana GCD | Texana GCD - WLM-20180321-02 | (Texana GCD - NW-00195) | 3/21/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 33.45 |
| 2753 | Texana GCD | Texana GCD - WLM-20180403:1117 | (Texana GCD - GW-00110) | 4/3/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 17.95 |
| 2760 | Texana GCD | Texana GCD - WLM-20180403:1154 | (Texana GCD - GW-00111) | 4/3/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 20 |
| 2767 | Texana GCD | Texana GCD - WLM-20180403:0921 | (Texana GCD - GW-00113) | 4/3/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 16.28 |
| 2774 | Texana GCD | Texana GCD - WLM-20180403:1437 | (Texana GCD - GW-00114) | 4/3/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 14.35 |
| 2786 | Texana GCD | Texana GCD - WLM-20180403:1628 | (Texana GCD - GW-00117) | 4/3/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 40.28 |
| 2799 | Texana GCD | Texana GCD - WLM-20180403:1337 | (Texana GCD - NW-00143) | 4/3/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 20.6 |
| 2806 | Texana GCD | Texana GCD - WLM-20180403:1226 | (Texana GCD - NW-00144) | 4/3/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 19.87 |
| 2819 | Texana GCD | Texana GCD - WLM-20180403:1506 | (Texana GCD - NW-00146) | 4/3/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 16.5 |
| 2826 | Texana GCD | Texana GCD - WLM-20180403:1410 | (Texana GCD - NW-00147) | 4/3/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 22.2 |
| 2828 | Texana GCD | Texana GCD - AMR-20180709:0806 | (Texana GCD - GW-00119) | 4/4/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 49.75 |
| 2829 | Texana GCD | Texana GCD - AMR-20180709:0806 | (Texana GCD - GW-00121) | 4/4/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 46.05 |
| 2830 | Texana GCD | Texana GCD - AMR-20180709:0806 | (Texana GCD - GW-00123) | 4/4/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 46.53 |
| 2831 | Texana GCD | Texana GCD - AMR-20180709:0806 | (Texana GCD - GW-00310) | 4/4/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 37.6 |
| 2832 | Texana GCD | Texana GCD - AMR-20180709:0806 | (Texana GCD - GW-00311) | 4/4/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 39.52 |
| 2833 | Texana GCD | Texana GCD - AMR-20180709:0806 | (Texana GCD - GW-00312) | 4/4/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 37.1 |
| 3068 | Texana GCD | Texana GCD - WLM-20180807:0941 | (Texana GCD - GW-00274) | 8/7/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 20.4 |
| 3069 | Texana GCD | Texana GCD - WLM-20180807:0957 | (Texana GCD - GW-00276) | 8/7/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 44.61 |
| 3070 | Texana GCD | Texana GCD - WLM-20180807:1228 | (Texana GCD - GW-00278) | 8/7/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 61.86 |
| 3071 | Texana GCD | Texana GCD - WLM-20180807:1149 | (Texana GCD - GW-00281) | 8/7/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 44.97 |
| 3072 | Texana GCD | Texana GCD - WLM-20180807:0344 | (Texana GCD - GW-00283) | 8/7/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 36.15 |
| 3073 | Texana GCD | Texana GCD - WLM-20180807:0318 | (Texana GCD - GW-00284) | 8/7/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 29.3 |
| 3074 | Texana GCD | Texana GCD - WLM-20180807:1030 | (Texana GCD - GW-00294) | 8/7/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 85.35 |
| 3075 | Texana GCD | Texana GCD - WLM-20180807:1103 | (Texana GCD - GW-00296) | 8/7/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 77.52 |
| 3076 | Texana GCD | Texana GCD - WLM-20180807:0417 | (Texana GCD - GW-00299) | 8/7/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 40.7 |
| 3077 | Texana GCD | Texana GCD - WLM-20180807:0900 | (Texana GCD - NW-00310) | 8/7/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 37.6 |
| 3078 | Texana GCD | Texana GCD - WLM-20180808:0340 | (Texana GCD - GW-00073) | 8/8/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 31.08 |
| 3079 | Texana GCD | Texana GCD - WLM-20180808:0321 | (Texana GCD - GW-00075) | 8/8/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 32.07 |
| 3080 | Texana GCD | Texana GCD - WLM-20180808:0308 | (Texana GCD - GW-00076) | 8/8/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 32.53 |

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|---|---|---|---|---|---|---|
| 3081 | Texana GCD | Texana GCD - WLM-20180808:0208 | (Texana GCD - GW-00077) | 8/8/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 23.4 |
| 3082 | Texana GCD | Texana GCD - WLM-20180808:0239 | (Texana GCD - GW-00082) | 8/8/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 25.9 |
| 3083 | Texana GCD | Texana GCD - WLM-20180808:1212 | (Texana GCD - GW-00244) | 8/8/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 30.68 |
| 3084 | Texana GCD | Texana GCD - WLM-20180808:1112 | (Texana GCD - GW-00251) | 8/8/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 39.7 |
| 3085 | Texana GCD | Texana GCD - WLM-20180808:0952 | (Texana GCD - GW-00291) | 8/8/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 20.45 |
| 3086 | Texana GCD | Texana GCD - WLM-20180808:0145 | (Texana GCD - GW-00292) | 8/8/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 44.6 |
| 3087 | Texana GCD | Texana GCD - WLM-20180808:0217 | (Texana GCD - GW-00385) | 8/8/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 30.2 |
| 3088 | Texana GCD | Texana GCD - WLM-20180808:0905 | (Texana GCD - GW-00409) | 8/8/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 31 |
| 3703 | Texana GCD | Texana GCD - WLM-20180808:0827 | (Texana GCD - GW-00410) | 8/8/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 30.93 |
| 3089 | Texana GCD | Texana GCD - WLM-20180808:0839 | (Texana GCD - GW-00411) | 8/8/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 35.65 |
| 3090 | Texana GCD | Texana GCD - WLM-20180808:1139 | (Texana GCD - GW-00412) | 8/8/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 30.6 |
| 3091 | Texana GCD | Texana GCD - WLM-20180808:0814 | (Texana GCD - NW-00195) | 8/8/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 38.29 |
| 3188 | Texana GCD | Texana GCD - WLM-20180905:1214 | (Texana GCD - NW-00451) | 9/5/2018 | Steel Tape | Water Level Depth Below Surface (ft) | 68.59 |
| 3350 | Texana GCD | Texana GCD - WLM-20190211:1214 | (Texana GCD - GW-00244) | 2/11/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 25.56 |
| 3351 | Texana GCD | Texana GCD - WLM-20190211:1138 | (Texana GCD - GW-00247) | 2/11/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 26.44 |
| 3352 | Texana GCD | Texana GCD - WLM-20190211:1256 | (Texana GCD - GW-00251) | 2/11/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 31.27 |
| 3353 | Texana GCD | Texana GCD - WLM-20190211:1037 | (Texana GCD - GW-00276) | 2/11/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 42.2 |
| 3354 | Texana GCD | Texana GCD - WLM-20190211:0308 | (Texana GCD - GW-00284) | 2/11/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 27.6 |
| 3355 | Texana GCD | Texana GCD - WLM-20190211:0329 | (Texana GCD - GW-00285) | 2/11/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 32.9 |
| 3356 | Texana GCD | Texana GCD - WLM-20190211:0214 | (Texana GCD - GW-00292) | 2/11/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 35.2 |
| 3357 | Texana GCD | Texana GCD - WLM-20190211:0149 | (Texana GCD - GW-00320) | 2/11/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 37.86 |
| 3360 | Texana GCD | Texana GCD - WLM-20190212:1047 | (Texana GCD - GW-00073) | 2/12/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 29.6 |
| 3361 | Texana GCD | Texana GCD - WLM-20190212:1022 | (Texana GCD - GW-00075) | 2/12/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 21.22 |
| 3362 | Texana GCD | Texana GCD - WLM-20190212:0922 | (Texana GCD - GW-00076) | 2/12/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 31.1 |
| 3363 | Texana GCD | Texana GCD - WLM-20190212:1052 | (Texana GCD - GW-00077) | 2/12/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 21.94 |
| 3364 | Texana GCD | Texana GCD - WLM-20190212:1112 | (Texana GCD - GW-00082) | 2/12/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 24.7 |
| 3365 | Texana GCD | Texana GCD - WLM-20190212:0242 | (Texana GCD - GW-00274) | 2/12/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 18.5 |
| 3366 | Texana GCD | Texana GCD - WLM-20190212:1141 | (Texana GCD - GW-00385) | 2/12/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 24.7 |
| 3367 | Texana GCD | Texana GCD - WLM-20190213:1220 | (Texana GCD - GW-00278) | 2/13/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 44.99 |
| 3368 | Texana GCD | Texana GCD - WLM-20190213:0149 | (Texana GCD - GW-00283) | 2/13/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 30.5 |
| 3369 | Texana GCD | Texana GCD - WLM-20190213:1257 | (Texana GCD - GW-00291) | 2/13/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 28.45 |
| 3370 | Texana GCD | Texana GCD - WLM-20190213:1142 | (Texana GCD - NW-00310) | 2/13/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 40.6 |
| 3371 | Texana GCD | Texana GCD - WLM-20190214:1135 | (Texana GCD - GW-00090) | 2/14/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 39.6 |
| 3372 | Texana GCD | Texana GCD - WLM-20190214:1040 | (Texana GCD - NW-00075) | 2/14/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 38.6 |
| 3373 | Texana GCD | Texana GCD - WLM-20190214:1018 | (Texana GCD - NW-00141) | 2/14/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 47.6 |
| 3374 | Texana GCD | Texana GCD - WLM-20190214:0115 | (Texana GCD - NW-00195) | 2/14/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 33.29 |
| 3375 | Texana GCD | Texana GCD - WLM-20190214:1111 | (Texana GCD - NW-00451) | 2/14/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 34.75 |
| 3490 | Texana GCD | Texana GCD - WLM-20190312:1040 | (Texana GCD - GW-00452) | 3/12/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 12 |
| 3702 | Texana GCD | Texana GCD - WQLM-20190515 | (Texana GCD - GW-00120) | 4/2/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 41.14 |
| 3701 | Texana GCD | Texana GCD - WQLM-20190515 | (Texana GCD - GW-00121) | 4/2/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 43.49 |
| 3699 | Texana GCD | Texana GCD - WLM-20190515 | (Texana GCD - GW-00122) | 4/2/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 43.54 |
| 3576 | Texana GCD | Texana GCD - WLM-20190808:0110 | (Texana GCD - GW-00244) | 8/8/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 27.43 |
| 3577 | Texana GCD | Texana GCD - WLM-20190808:0126 | (Texana GCD - GW-00247) | 8/8/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 31.42 |
| 3578 | Texana GCD | Texana GCD - WLM-20190808:0150 | (Texana GCD - GW-00251) | 8/8/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 37.36 |
| 3582 | Texana GCD | Texana GCD - WLM-20190808:1045 | (Texana GCD - GW-00274) | 8/8/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 19.09 |
| 3583 | Texana GCD | Texana GCD - WLM-20190808:1056 | (Texana GCD - GW-00276) | 8/8/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 44.03 |
| 3584 | Texana GCD | Texana GCD - WLM-20190808:1240 | (Texana GCD - GW-00278) | 8/8/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 45.7 |
| 3581 | Texana GCD | Texana GCD - WLM-20190808:0316 | (Texana GCD - GW-00283) | 8/8/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 30.12 |
| 3580 | Texana GCD | Texana GCD - WLM-20190808:0305 | (Texana GCD - GW-00284) | 8/8/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 27.92 |
| 3579 | Texana GCD | Texana GCD - WLM-20190808:0246 | (Texana GCD - GW-00285) | 8/8/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 32.65 |
| 3588 | Texana GCD | Texana GCD - WL-20190809:0243 | (Texana GCD - GW-00073) | 8/9/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 31.4 |
| 3590 | Texana GCD | Texana GCD - WLM-20190809:0305 | (Texana GCD - GW-00075) | 8/9/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 28.55 |
| 3594 | Texana GCD | Texana GCD - WLM-20190809:0333 | (Texana GCD - GW-00075) | 8/9/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 29.2 |
| 3589 | Texana GCD | Texana GCD - WLM-20190809:0348 | (Texana GCD - GW-00077) | 8/9/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 21.73 |
| 3587 | Texana GCD | Texana GCD - WLM-20190809:0228 | (Texana GCD - GW-00082) | 8/9/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 24.93 |
| 3603 | Texana GCD | Texana GCD - WLM-20190809:1247 | (Texana GCD - GW-00090) | 8/9/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 39.95 |
| 3586 | Texana GCD | Texana GCD - WLM-20190809:0109 | (Texana GCD - GW-00140) | 8/9/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 40.43 |
| 3601 | Texana GCD | Texana GCD - WLM-20190809:1058 | (Texana GCD - GW-00291) | 8/9/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 30.94 |
| 3600 | Texana GCD | Texana GCD - WLM-20190809:1043 | (Texana GCD - GW-00292) | 8/9/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 36.71 |
| 3595 | Texana GCD | Texana GCD - WLM-20190809:0412 | (Texana GCD - GW-00385) | 8/9/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 25.87 |
| 3597 | Texana GCD | Texana GCD - WLM-20190809:0855 | (Texana GCD - GW-00410) | 8/9/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 34.38 |
| 3598 | Texana GCD | Texana GCD - WLM-20190809:0906 | (Texana GCD - GW-00411) | 8/9/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 36.75 |
| 3585 | Texana GCD | Texana GCD - WLM-20190809:0104 | (Texana GCD - NW-00075) | 8/9/2019 | Electronic Tape | Water Level Depth Below Surface (ft) | 39.4 |
| 3604 | Texana GCD | Texana GCD - WLM-20190809:1258 | (Texana GCD - NW-00141) | 8/9/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 48 |
| 3596 | Texana GCD | Texana GCD - WLM-20190809:0846 | (Texana GCD - NW-00195) | 8/9/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 34.39 |
| 3599 | Texana GCD | Texana GCD - WLM-20190809:0948 | (Texana GCD - NW-00310) | 8/9/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 42.93 |
| 3602 | Texana GCD | Texana GCD - WLM-20190809:1230 | (Texana GCD - NW-00451) | 8/9/2019 | Steel Tape | Water Level Depth Below Surface (ft) | 34.45 |
| 4387 | Texana GCD | Texana GCD - WLM-20200109-01 | (Texana GCD - NW-00487) | 1/9/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 14.3 |
| 4388 | Texana GCD | Texana GCD - WLM-20200113-01 | (Texana GCD - NW-00488) | 1/13/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 48.15 |
| 4389 | Texana GCD | Texana GCD - WLM-20200116-01 | (Texana GCD - NW-00487) | 1/16/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 14.15 |
| 4390 | Texana GCD | Texana GCD - WLM-20200117-01 | (Texana GCD - NW-00488) | 1/17/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 47.95 |
| 4391 | Texana GCD | Texana GCD - WLM-20200117-02 | (Texana GCD - NW-00489) | 1/17/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 15.1 |
| 4392 | Texana GCD | Texana GCD - WLM-20200117-03 | (Texana GCD - NW-00490) | 1/17/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 45.6 |
| 4306 | Texana GCD | Texana GCD - WLM-20200124-01 | (Texana GCD - NW-00487) | 1/24/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 13.88 |
| 4307 | Texana GCD | Texana GCD - WLM-20200124-02 | (Texana GCD - NW-00488) | 1/24/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 46.84 |
| 4308 | Texana GCD | Texana GCD - WLM-20200124-03 | (Texana GCD - NW-00489) | 1/24/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 17.65 |
| 4309 | Texana GCD | Texana GCD - WLM-20200124-04 | (Texana GCD - NW-00490) | 1/24/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 43.1 |
| 4310 | Texana GCD | Texana GCD - WLM-20200203-01 | (Texana GCD - NW-00491) | 1/24/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 14.45 |
| 4311 | Texana GCD | Texana GCD - WLM-20200203-02 | (Texana GCD - NW-00492) | 1/24/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 43.01 |
| 4319 | Texana GCD | Texana GCD - WLM-20200207-08 | (Texana GCD - GW-00244) | 2/7/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 26.08 |

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| 4320 | Texana GCD | Texana GCD - WLM-20200207-09 | (Texana GCD - GW-00247) | 2/7/2020 | Steel Tape | Water Level Depth Below Surface (ft) 26.7 |
| 4321 | Texana GCD | Texana GCD - WLM-20200207-10 | (Texana GCD - GW-00251) | 2/7/2020 | Steel Tape | Water Level Depth Below Surface (ft) 31.19 |
| 4315 | Texana GCD | Texana GCD - WLM-20200207-04 | (Texana GCD - GW-00274) | 2/7/2020 | Steel Tape | Water Level Depth Below Surface (ft) 21 |
| 4316 | Texana GCD | Texana GCD - WLM-20200207-05 | (Texana GCD - GW-00276) | 2/7/2020 | Steel Tape | Water Level Depth Below Surface (ft) 44 |
| 4318 | Texana GCD | Texana GCD - WLM-20200207-07 | (Texana GCD - GW-00278) | 2/7/2020 | Steel Tape | Water Level Depth Below Surface (ft) 46.7 |
| 4322 | Texana GCD | Texana GCD - WLM-20200207-11 | (Texana GCD - GW-00285) | 2/7/2020 | Steel Tape | Water Level Depth Below Surface (ft) 33.43 |
| 4317 | Texana GCD | Texana GCD - WLM-20200207-06 | (Texana GCD - GW-00320) | 2/7/2020 | Steel Tape | Water Level Depth Below Surface (ft) 29.5 |
| 4313 | Texana GCD | Texana GCD - WLM-20200207-02 | (Texana GCD - GW-00410) | 2/7/2020 | Steel Tape | Water Level Depth Below Surface (ft) 33.77 |
| 4314 | Texana GCD | Texana GCD - WLM-20200207-03 | (Texana GCD - GW-00411) | 2/7/2020 | Steel Tape | Water Level Depth Below Surface (ft) 32.35 |
| 4312 | Texana GCD | Texana GCD - WLM-20200207-01 | (Texana GCD - NW-00195) | 2/7/2020 | Steel Tape | Water Level Depth Below Surface (ft) 34.85 |
| 4329 | Texana GCD | Texana GCD - WLM-20200210-07 | (Texana GCD - GW-00073) | 2/10/2020 | Steel Tape | Water Level Depth Below Surface (ft) 29.09 |
| 4328 | Texana GCD | Texana GCD - WLM-20200210-06 | (Texana GCD - GW-00075) | 2/10/2020 | Steel Tape | Water Level Depth Below Surface (ft) 29.88 |
| 4327 | Texana GCD | Texana GCD - WLM-20200210-05 | (Texana GCD - GW-00076) | 2/10/2020 | Steel Tape | Water Level Depth Below Surface (ft) 29.98 |
| 4330 | Texana GCD | Texana GCD - WLM-20200210-08 | (Texana GCD - GW-00077) | 2/10/2020 | Steel Tape | Water Level Depth Below Surface (ft) 22.24 |
| 4326 | Texana GCD | Texana GCD - WLM-20200210-04 | (Texana GCD - GW-00082) | 2/10/2020 | Steel Tape | Water Level Depth Below Surface (ft) 25.35 |
| 4324 | Texana GCD | Texana GCD - WLM-20200210-02 | (Texana GCD - GW-00090) | 2/10/2020 | Steel Tape | Water Level Depth Below Surface (ft) 44.8 |
| 4333 | Texana GCD | Texana GCD - WLM-20200210-11 | (Texana GCD - GW-00283) | 2/10/2020 | Steel Tape | Water Level Depth Below Surface (ft) 32.86 |
| 4334 | Texana GCD | Texana GCD - WLM-20200210-12 | (Texana GCD - GW-00284) | 2/10/2020 | Steel Tape | Water Level Depth Below Surface (ft) 28 |
| 4332 | Texana GCD | Texana GCD - WLM-20200210-10 | (Texana GCD - GW-00291) | 2/10/2020 | Steel Tape | Water Level Depth Below Surface (ft) 27.65 |
| 4331 | Texana GCD | Texana GCD - WLM-20200210-09 | (Texana GCD - GW-00385) | 2/10/2020 | Steel Tape | Water Level Depth Below Surface (ft) 26.4 |
| 4323 | Texana GCD | Texana GCD - WLM-20200210-01 | (Texana GCD - NW-00310) | 2/10/2020 | Steel Tape | Water Level Depth Below Surface (ft) 41.8 |
| 4325 | Texana GCD | Texana GCD - WLM-20200210-03 | (Texana GCD - NW-00451) | 2/10/2020 | Steel Tape | Water Level Depth Below Surface (ft) 44.93 |
| 4393 | Texana GCD | Texana GCD - WLM-20200214-01 | (Texana GCD - NW-00487) | 2/14/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 14 |
| 4394 | Texana GCD | Texana GCD - WLM-20200214-02 | (Texana GCD - NW-00488) | 2/14/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 45.3 |
| 4395 | Texana GCD | Texana GCD - WLM-20200214-03 | (Texana GCD - NW-00489) | 2/14/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 46.2 |
| 4396 | Texana GCD | Texana GCD - WLM-20200214-04 | (Texana GCD - NW-00490) | 2/14/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 44.4 |
| 4397 | Texana GCD | Texana GCD - WLM-20200214-05 | (Texana GCD - NW-00491) | 2/14/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 20.3 |
| 4398 | Texana GCD | Texana GCD - WLM-20200214-06 | (Texana GCD - NW-00492) | 2/14/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 43.55 |
| 4335 | Texana GCD | Texana GCD - WLM-20200220-01 | (Texana GCD - NW-00487) | 2/20/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 15.38 |
| 4336 | Texana GCD | Texana GCD - WLM-20200220-02 | (Texana GCD - NW-00488) | 2/20/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 45.04 |
| 4341 | Texana GCD | Texana GCD - WLM-20200220-03 | (Texana GCD - NW-00489) | 2/20/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 14.3 |
| 4342 | Texana GCD | Texana GCD - WLM-20200220-04 | (Texana GCD - NW-00490) | 2/20/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 44.68 |
| 4347 | Texana GCD | Texana GCD - WLM-20200220-05 | (Texana GCD - NW-00491) | 2/20/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 14.54 |
| 4350 | Texana GCD | Texana GCD - WLM-20200220-06 | (Texana GCD - NW-00492) | 2/20/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 43.42 |
| 4338 | Texana GCD | Texana GCD - WLM-20200226-01 | (Texana GCD - NW-00487) | 2/26/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 14.31 |
| 4337 | Texana GCD | Texana GCD - WLM-20200226-02 | (Texana GCD - NW-00488) | 2/26/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 46.15 |
| 4343 | Texana GCD | Texana GCD - WLM-20200226-03 | (Texana GCD - NW-00489) | 2/26/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 14.45 |
| 4344 | Texana GCD | Texana GCD - WLM-20200226-04 | (Texana GCD - NW-00490) | 2/26/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 45.5 |
| 4348 | Texana GCD | Texana GCD - WLM-20200226-05 | (Texana GCD - NW-00491) | 2/26/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 14.35 |
| 4351 | Texana GCD | Texana GCD - WLM-20200226-06 | (Texana GCD - NW-00492) | 2/26/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 43.5 |
| 4339 | Texana GCD | Texana GCD - WLM-20200302-01 | (Texana GCD - NW-00487) | 3/2/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 14.4 |
| 4340 | Texana GCD | Texana GCD - WLM-20200302-02 | (Texana GCD - NW-00488) | 3/2/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 47.55 |
| 4345 | Texana GCD | Texana GCD - WLM-20200302-03 | (Texana GCD - NW-00489) | 3/2/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 17.54 |
| 4346 | Texana GCD | Texana GCD - WLM-20200302-04 | (Texana GCD - NW-00490) | 3/2/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 48.03 |
| 4349 | Texana GCD | Texana GCD - WLM-20200302-05 | (Texana GCD - NW-00491) | 3/2/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 18.6 |
| 4352 | Texana GCD | Texana GCD - WLM-20200302-06 | (Texana GCD - NW-00492) | 3/2/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 43.14 |
| 4353 | Texana GCD | Texana GCD - WLM-20200309-01 | (Texana GCD - NW-00487) | 3/9/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 14.4 |
| 4354 | Texana GCD | Texana GCD - WLM-20200309-02 | (Texana GCD - NW-00488) | 3/9/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 48.65 |
| 4355 | Texana GCD | Texana GCD - WLM-20200309-03 | (Texana GCD - NW-00489) | 3/9/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 14.2 |
| 4356 | Texana GCD | Texana GCD - WLM-20200309-04 | (Texana GCD - NW-00490) | 3/9/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 44.35 |
| 4357 | Texana GCD | Texana GCD - WLM-20200309-05 | (Texana GCD - NW-00491) | 3/9/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 14.2 |
| 4358 | Texana GCD | Texana GCD - WLM-20200309-06 | (Texana GCD - NW-00492) | 3/9/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 42.39 |
| 4359 | Texana GCD | Texana GCD - WLM-20200316-01 | (Texana GCD - NW-00487) | 3/16/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 15.45 |
| 4360 | Texana GCD | Texana GCD - WLM-20200316-02 | (Texana GCD - NW-00488) | 3/16/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 50.75 |
| 4361 | Texana GCD | Texana GCD - WLM-20200316-03 | (Texana GCD - NW-00489) | 3/16/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 21.1 |
| 4362 | Texana GCD | Texana GCD - WLM-20200316-04 | (Texana GCD - NW-00490) | 3/16/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 46 |
| 4363 | Texana GCD | Texana GCD - WLM-20200316-05 | (Texana GCD - NW-00491) | 3/16/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 24 |
| 4364 | Texana GCD | Texana GCD - WLM-20200316-06 | (Texana GCD - NW-00492) | 3/16/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 44.34 |
| 4415 | Texana GCD | Texana GCD - WLM-20200623-02 | (Texana GCD - NW-00489) | 3/23/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 30.6 |
| 4365 | Texana GCD | Texana GCD - WLM-20200401-01 | (Texana GCD - NW-00487) | 4/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 15.85 |
| 4366 | Texana GCD | Texana GCD - WLM-20200401-02 | (Texana GCD - NW-00488) | 4/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 51 |
| 4367 | Texana GCD | Texana GCD - WLM-20200401-03 | (Texana GCD - NW-00489) | 4/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 21.3 |
| 4368 | Texana GCD | Texana GCD - WLM-20200401-04 | (Texana GCD - NW-00490) | 4/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 47.55 |
| 4369 | Texana GCD | Texana GCD - WLM-20200401-05 | (Texana GCD - NW-00491) | 4/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 24.35 |
| 4370 | Texana GCD | Texana GCD - WLM-20200401-06 | (Texana GCD - NW-00492) | 4/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 54.49 |
| 4371 | Texana GCD | Texana GCD - WLM-20200501-01 | (Texana GCD - NW-00487) | 5/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 17 |
| 4372 | Texana GCD | Texana GCD - WLM-20200501-02 | (Texana GCD - NW-00488) | 5/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 48.25 |
| 4373 | Texana GCD | Texana GCD - WLM-20200501-03 | (Texana GCD - NW-00489) | 5/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 25.75 |
| 4374 | Texana GCD | Texana GCD - WLM-20200501-04 | (Texana GCD - NW-00490) | 5/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 45.93 |
| 4375 | Texana GCD | Texana GCD - WLM-20200501-05 | (Texana GCD - NW-00491) | 5/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 22.81 |
| 4376 | Texana GCD | Texana GCD - WLM-20200501-06 | (Texana GCD - NW-00492) | 5/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 45.74 |
| 4379 | Texana GCD | Texana GCD - WLM-20200507-04 | (Texana GCD - NW-00487) | 5/7/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 20.7 |
| 4386 | Texana GCD | Texana GCD - WLM-20200507-01 | (Texana GCD - NW-00488) | 5/7/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 45.9 |
| 4378 | Texana GCD | Texana GCD - WLM-20200507-05 | (Texana GCD - NW-00489) | 5/7/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 20.6 |
| 4377 | Texana GCD | Texana GCD - WLM-20200507-02 | (Texana GCD - NW-00490) | 5/7/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 44.5 |
| 4381 | Texana GCD | Texana GCD - WLM-20200507-06 | (Texana GCD - NW-00491) | 5/7/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 17.67 |
| 4380 | Texana GCD | Texana GCD - WLM-20200507-03 | (Texana GCD - NW-00492) | 5/7/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 44.25 |
| 4399 | Texana GCD | Texana GCD - WLM-20200508-01 | (Texana GCD - NW-00488) | 5/8/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 45.7 |
| 4382 | Texana GCD | Texana GCD - WLM-20200511-01 | (Texana GCD - NW-00488) | 5/11/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 46.05 |
| 4400 | Texana GCD | Texana GCD - WLM-20200511-02 | (Texana GCD - NW-00490) | 5/11/2020 | Electronic Tape | Water Level Depth Below Surface (ft) 43.7 |

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| 4401 | Texana GCD | Texana GCD - WLM-20200511-03 | (Texana GCD - NW-00491) | 5/11/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 42.39 |
| 4402 | Texana GCD | Texana GCD - WLM-20200512-01 | (Texana GCD - NW-00487) | 5/12/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 19.1 |
| 4403 | Texana GCD | Texana GCD - WLM-20200512-02 | (Texana GCD - NW-00489) | 5/12/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 30.68 |
| 4404 | Texana GCD | Texana GCD - WLM-20200512-03 | (Texana GCD - NW-00491) | 5/12/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 29 |
| 4405 | Texana GCD | Texana GCD - WLM-20200514-01 | (Texana GCD - NW-00491) | 5/14/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 23.5 |
| 4409 | Texana GCD | Texana GCD - WLM-20200518-04 | (Texana GCD - NW-00487) | 5/18/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 18.8 |
| 4406 | Texana GCD | Texana GCD - WLM-20200518-01 | (Texana GCD - NW-00488) | 5/18/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 43.35 |
| 4410 | Texana GCD | Texana GCD - WLM-20200518-05 | (Texana GCD - NW-00489) | 5/18/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 23.4 |
| 4407 | Texana GCD | Texana GCD - WLM-20200518-02 | (Texana GCD - NW-00490) | 5/18/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 44.5 |
| 4464 | Texana GCD | Texana GCD - WLM-20200518-06 | (Texana GCD - NW-00491) | 5/18/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 20.3 |
| 4408 | Texana GCD | Texana GCD - WLM-20200518-03 | (Texana GCD - NW-00492) | 5/18/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 42.54 |
| 4439 | Texana GCD | Texana GCD - WLM-20200601-04 | (Texana GCD - NW-00487) | 6/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 17.6 |
| 4438 | Texana GCD | Texana GCD - WLM-20200601-01 | (Texana GCD - NW-00488) | 6/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 44.7 |
| 4412 | Texana GCD | Texana GCD - WLM-20200601-05 | (Texana GCD - NW-00489) | 6/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 24.3 |
| 4411 | Texana GCD | Texana GCD - WLM-20200601-02 | (Texana GCD - NW-00490) | 6/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 43.35 |
| 4465 | Texana GCD | Texana GCD - WLM-20200601-06 | (Texana GCD - NW-00491) | 6/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 18 |
| 4478 | Texana GCD | Texana GCD - WLM-20200601-03 | (Texana GCD - NW-00492) | 6/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 41.38 |
| 4466 | Texana GCD | Texana GCD - WLM-20200602-01 | (Texana GCD - NW-00491) | 6/2/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 18.15 |
| 4440 | Texana GCD | Texana GCD - WLM-20200619-01 | (Texana GCD - NW-00487) | 6/19/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 19.8 |
| 4441 | Texana GCD | Texana GCD - WLM-20200619-02 | (Texana GCD - NW-00488) | 6/19/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 47.79 |
| 4413 | Texana GCD | Texana GCD - WLM-20200619-03 | (Texana GCD - NW-00489) | 6/19/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 30.65 |
| 4414 | Texana GCD | Texana GCD - WLM-20200619-04 | (Texana GCD - NW-00490) | 6/19/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 43.55 |
| 4467 | Texana GCD | Texana GCD - WLM-20200619-05 | (Texana GCD - NW-00491) | 6/19/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 30.14 |
| 4479 | Texana GCD | Texana GCD - WLM-20200619-06 | (Texana GCD - NW-00492) | 6/19/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 41.9 |
| 4442 | Texana GCD | Texana GCD - WLM-20200623-01 | (Texana GCD - NW-00487) | 6/23/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 22.47 |
| 4443 | Texana GCD | Texana GCD - WLM-20200701-01 | (Texana GCD - NW-00487) | 7/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 17.6 |
| 4444 | Texana GCD | Texana GCD - WLM-20200701-02 | (Texana GCD - NW-00488) | 7/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 45.66 |
| 4416 | Texana GCD | Texana GCD - WLM-20200701-03 | (Texana GCD - NW-00489) | 7/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 18.03 |
| 4417 | Texana GCD | Texana GCD - WLM-20200701-04 | (Texana GCD - NW-00490) | 7/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 43.6 |
| 4468 | Texana GCD | Texana GCD - WLM-20200701-05 | (Texana GCD - NW-00491) | 7/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 17.61 |
| 4480 | Texana GCD | Texana GCD - WLM-20200701-06 | (Texana GCD - NW-00492) | 7/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 41.24 |
| 4445 | Texana GCD | Texana GCD - WLM-20200715-01 | (Texana GCD - NW-00487) | 7/15/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 26.05 |
| 4446 | Texana GCD | Texana GCD - WLM-20200715-02 | (Texana GCD - NW-00488) | 7/15/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 51.39 |
| 4418 | Texana GCD | Texana GCD - WLM-20200715-03 | (Texana GCD - NW-00489) | 7/15/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 25.75 |
| 4419 | Texana GCD | Texana GCD - WLM-20200715-04 | (Texana GCD - NW-00490) | 7/15/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 45.25 |
| 4469 | Texana GCD | Texana GCD - WLM-20200715-05 | (Texana GCD - NW-00491) | 7/15/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 19.8 |
| 4481 | Texana GCD | Texana GCD - WLM-20200715-06 | (Texana GCD - NW-00492) | 7/15/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 43.14 |
| 4447 | Texana GCD | Texana GCD - WLM-20200728-01 | (Texana GCD - NW-00487) | 7/28/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 26.8 |
| 4448 | Texana GCD | Texana GCD - WLM-20200728-02 | (Texana GCD - NW-00488) | 7/28/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 51.65 |
| 4420 | Texana GCD | Texana GCD - WLM-20200728-03 | (Texana GCD - NW-00489) | 7/28/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 25.86 |
| 4421 | Texana GCD | Texana GCD - WLM-20200728-04 | (Texana GCD - NW-00490) | 7/28/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 47.59 |
| 4470 | Texana GCD | Texana GCD - WLM-20200728-05 | (Texana GCD - NW-00491) | 7/28/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 20.22 |
| 4482 | Texana GCD | Texana GCD - WLM-20200728-06 | (Texana GCD - NW-00492) | 7/28/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 43.59 |
| 4449 | Texana GCD | Texana GCD - WLM-20200803-01 | (Texana GCD - NW-00487) | 8/3/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 19.2 |
| 4450 | Texana GCD | Texana GCD - WLM-20200803-02 | (Texana GCD - NW-00488) | 8/3/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 48.4 |
| 4422 | Texana GCD | Texana GCD - WLM-20200803-03 | (Texana GCD - NW-00489) | 8/3/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 18 |
| 4423 | Texana GCD | Texana GCD - WLM-20200803-04 | (Texana GCD - NW-00490) | 8/3/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 46.55 |
| 4471 | Texana GCD | Texana GCD - WLM-20200803-05 | (Texana GCD - NW-00491) | 8/3/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 18.1 |
| 4483 | Texana GCD | Texana GCD - WLM-20200803-06 | (Texana GCD - NW-00492) | 8/3/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 44.14 |
| 4499 | Texana GCD | Texana GCD - WLM-20200818-11 | (Texana GCD - GW-00283) | 8/11/2020 | (Steel Tape Electro | Water Level Depth Below Surface (ft) | 33.3 |
| 4451 | Texana GCD | Texana GCD - WLM-20200817-01 | (Texana GCD - NW-00487) | 8/17/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 30.48 |
| 4452 | Texana GCD | Texana GCD - WLM-20200817-01 | (Texana GCD - NW-00487) | 8/17/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 30.48 |
| 4453 | Texana GCD | Texana GCD - WLM-20200817-02 | (Texana GCD - NW-00488) | 8/17/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 55.05 |
| 4424 | Texana GCD | Texana GCD - WLM-20200817-03 | (Texana GCD - NW-00489) | 8/17/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 30.15 |
| 4425 | Texana GCD | Texana GCD - WLM-2020817-04 | (Texana GCD - NW-00490) | 8/17/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 47.25 |
| 4472 | Texana GCD | Texana GCD - WLM-20200817-05 | (Texana GCD - NW-00491) | 8/17/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 25.84 |
| 4484 | Texana GCD | Texana GCD - WLM-20200817-06 | (Texana GCD - NW-00492) | 8/17/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 44.96 |
| 4496 | Texana GCD | Texana GCD - WLM-20200818-08 | (Texana GCD - GW-00244) | 8/18/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 30.16 |
| 4495 | Texana GCD | Texana GCD - WLM-20200818-07 | (Texana GCD - GW-00247) | 8/18/2020 | (Steel Tape ) | Water Level Depth Below Surface (ft) | 35.92 |
| 4497 | Texana GCD | Texana GCD - WLM-20200818-09 | (Texana GCD - GW-00253) | 8/18/2020 | (Steel Tape ) | Water Level Depth Below Surface (ft) | 30.8 |
| 4493 | Texana GCD | Texana GCD - WLM-20200818-05 | (Texana GCD - GW-00274) | 8/18/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 21.1 |
| 4494 | Texana GCD | Texana GCD - WLM-20200818-06 | (Texana GCD - GW-00278) | 8/18/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 51.8 |
| 4500 | Texana GCD | Texana GCD - WLM-20200818-11 | (Texana GCD - GW-00283) | 8/18/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 33.3 |
| 4501 | Texana GCD | Texana GCD - WLM-20200818-12 | (Texana GCD - GW-00284) | 8/18/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 28.5 |
| 4498 | Texana GCD | Texana GCD - WLM-20200818-10 | (Texana GCD - GW-00285) | 8/18/2020 | (Steel Tape ) | Water Level Depth Below Surface (ft) | 33.75 |
| 4490 | Texana GCD | Texana GCD - WLM-20200818-02 | (Texana GCD - GW-00410) | 8/18/2020 | (Steel Tape ) | Water Level Depth Below Surface (ft) | 36.15 |
| 4491 | Texana GCD | Texana GCD - WLM-20200818-03 | (Texana GCD - GW-00411) | 8/18/2020 | (Steel Tape ) | Water Level Depth Below Surface (ft) | 35.55 |
| 4385 | Texana GCD | Texana GCD - WLM-20200818-01 | (Texana GCD - NW-00195) | 8/18/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 36.95 |
| 4492 | Texana GCD | Texana GCD - WLM-20200818-04 | (Texana GCD - NW-00310) | 8/18/2020 | (Steel Tape ) | Water Level Depth Below Surface (ft) | 44.3 |
| 4507 | Texana GCD | Texana GCD - WLM-20200819-06 | (Texana GCD - GW-00073) | 8/19/2020 | (Steel Tape ) | Water Level Depth Below Surface (ft) | 22.66 |
| 4505 | Texana GCD | Texana GCD - WLM-20200819-04 | (Texana GCD - GW-00075) | 8/19/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 29.73 |
| 4503 | Texana GCD | Texana GCD - WLM-20200819-02 | (Texana GCD - GW-00076) | 8/19/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 29.9 |
| 4504 | Texana GCD | Texana GCD - WLM-20200819-03 | (Texana GCD - GW-00082) | 8/19/2020 | (Steel Tape ) | Water Level Depth Below Surface (ft) | 20.44 |
| 4384 | Texana GCD | Texana GCD - WLM-20200819-08 | (Texana GCD - GW-00090) | 8/19/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 49.5 |
| 4502 | Texana GCD | Texana GCD - WLM-20200819-01 | (Texana GCD - GW-00291) | 8/19/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 40.11 |
| 4508 | Texana GCD | Texana GCD - WLM-20200819-07 | (Texana GCD - GW-00385) | 8/19/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 27 |
| 4506 | Texana GCD | Texana GCD - WLM-20200819-05 | (Texana GCD - NW-00077) | 8/19/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 29.05 |
| 4383 | Texana GCD | Texana GCD - WLM-20200819-09 | (Texana GCD - NW-00451) | 8/19/2020 | Steel Tape | Water Level Depth Below Surface (ft) | 47.5 |
| 4454 | Texana GCD | Texana GCD - WLM-20200820-01 | (Texana GCD - NW-00487) | 8/20/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 30.3 |
| 4455 | Texana GCD | Texana GCD - WLM-20200820-02 | (Texana GCD - NW-00488) | 8/20/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 56.67 |

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|---|---|---|---|---|---|---|
| 4426 | Texana GCD | Texana GCD - WLM-20200820-03 | (Texana GCD - NW-00489) | 8/20/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 27.24 |
| 4427 | Texana GCD | Texana GCD - WLM-20200820-04 | (Texana GCD - NW-00490) | 8/20/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 47.9 |
| 4473 | Texana GCD | Texana GCD - WLM-20200820-05 | (Texana GCD - NW-00491) | 8/20/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 21.09 |
| 4485 | Texana GCD | Texana GCD - WLM-20200820-06 | (Texana GCD - NW-00492) | 8/20/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 44.89 |
| 4456 | Texana GCD | Texana GCD - WLM-20200901-01 | (Texana GCD - NW-00487) | 9/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 25.5 |
| 4457 | Texana GCD | Texana GCD - WLM-20200901-02 | (Texana GCD - NW-00488) | 9/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 58.35 |
| 4428 | Texana GCD | Texana GCD - WLM-20200901-03 | (Texana GCD - NW-00489) | 9/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 23.45 |
| 4429 | Texana GCD | Texana GCD - WLM-20200901-04 | (Texana GCD - NW-00490) | 9/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 49.7 |
| 4474 | Texana GCD | Texana GCD - WLM-20200901-05 | (Texana GCD - NW-00491) | 9/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 18.23 |
| 4486 | Texana GCD | Texana GCD - WLM-20200901-06 | (Texana GCD - NW-00492) | 9/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 46.22 |
| 4430 | Texana GCD | Texana GCD - WLM-20200909-01 | (Texana GCD - NW-00489) | 9/9/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 33.44 |
| 4431 | Texana GCD | Texana GCD - WLM-20200909-02 | (Texana GCD - NW-00490) | 9/9/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 52.61 |
| 4458 | Texana GCD | Texana GCD - WLM-20200916-01 | (Texana GCD - NW-00487) | 9/16/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 21.87 |
| 4459 | Texana GCD | Texana GCD - WLM-20200916-02 | (Texana GCD - NW-00488) | 9/16/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 60.25 |
| 4432 | Texana GCD | Texana GCD - WLM-20200916-03 | (Texana GCD - NW-00489) | 9/16/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 21.86 |
| 4433 | Texana GCD | Texana GCD - WLM-20200916-04 | (Texana GCD - NW-00490) | 9/16/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 52.35 |
| 4475 | Texana GCD | Texana GCD - WLM-20200916-05 | (Texana GCD - NW-00491) | 9/16/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 20.16 |
| 4487 | Texana GCD | Texana GCD - WLM-20200916-06 | (Texana GCD - NW-00492) | 9/16/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 48.64 |
| 4460 | Texana GCD | Texana GCD - WLM-20201001-01 | (Texana GCD - NW-00487) | 10/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 25.58 |
| 4461 | Texana GCD | Texana GCD - WLM-20201001-02 | (Texana GCD - NW-00488) | 10/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 57.25 |
| 4434 | Texana GCD | Texana GCD - WLM-20201001-03 | (Texana GCD - NW-00489) | 10/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 18.6 |
| 4435 | Texana GCD | Texana GCD - WLM-20201001-04 | (Texana GCD - NW-00490) | 10/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 53.36 |
| 4476 | Texana GCD | Texana GCD - WLM-20201001-05 | (Texana GCD - NW-00491) | 10/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 16.2 |
| 4488 | Texana GCD | Texana GCD - WLM-20201001-06 | (Texana GCD - NW-00492) | 10/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 48.63 |
| 4462 | Texana GCD | Texana GCD - WLM-20201102-01 | (Texana GCD - NW-00487) | 11/2/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 22.7 |
| 4463 | Texana GCD | Texana GCD - WLM-20201102-02 | (Texana GCD - NW-00488) | 11/2/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 61.44 |
| 4436 | Texana GCD | Texana GCD - WLM-20201102-03 | (Texana GCD - NW-00489) | 11/2/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 27.77 |
| 4437 | Texana GCD | Texana GCD - WLM-20201102-04 | (Texana GCD - NW-00490) | 11/2/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 52.85 |
| 4477 | Texana GCD | Texana GCD - WLM-20201102-05 | (Texana GCD - NW-00491) | 11/2/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 29.75 |
| 4489 | Texana GCD | Texana GCD - WLM-20201102-06 | (Texana GCD - NW-00492) | 11/2/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 49.74 |
| 4509 | Texana GCD | Texana GCD - WLM-20201201-01 | (Texana GCD - NW-00487) | 12/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 31.01 |
| 4510 | Texana GCD | Texana GCD - WLM-20201201-02 | (Texana GCD - NW-00488) | 12/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 60.74 |
| 4511 | Texana GCD | Texana GCD - WLM-20201201-03 | (Texana GCD - NW-00489) | 12/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 30.3 |
| 4518 | Texana GCD | Texana GCD - WLM-20201201-04 | (Texana GCD - NW-00490) | 12/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 53.45 |
| 4512 | Texana GCD | Texana GCD - WLM-20201201-05 | (Texana GCD - NW-00491) | 12/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 23 |
| 4514 | Texana GCD | Texana GCD - WLM-20201201-06 | (Texana GCD - NW-00492) | 12/1/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 50.64 |
| 4516 | Texana GCD | Texana GCD - WLM-20201230-01 | (Texana GCD - NW-00487) | 12/30/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 16.94 |
| 4517 | Texana GCD | Texana GCD - WLM-20201230-02 | (Texana GCD - NW-00488) | 12/30/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 50.54 |
| 4520 | Texana GCD | Texana GCD - WLM-20201230-03 | (Texana GCD - NW-00489) | 12/30/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 16.1 |
| 4519 | Texana GCD | Texana GCD - WLM-20201230-04 | (Texana GCD - NW-00490) | 12/30/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 47.6 |
| 4513 | Texana GCD | Texana GCD - WLM-20201230-05 | (Texana GCD - NW-00491) | 12/30/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 15.5 |
| 4515 | Texana GCD | Texana GCD - WLM-20201230-06 | (Texana GCD - NW-00492) | 12/30/2020 | Electronic Tape | Water Level Depth Below Surface (ft) | 45.63 |
| 4528 | Texana GCD | Texana GCD - WLM-20210202-01 | (Texana GCD - NW-00487) | 2/2/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 16.14 |
| 4529 | Texana GCD | Texana GCD - WLM-20210202-02 | (Texana GCD - NW-00488) | 2/2/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 47.58 |
| 4530 | Texana GCD | Texana GCD - WLM-20210202-03 | (Texana GCD - NW-00489) | 2/2/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 15.62 |
| 4531 | Texana GCD | Texana GCD - WLM-20210202-04 | (Texana GCD - NW-00490) | 2/2/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 45.05 |
| 4532 | Texana GCD | Texana GCD - WLM-20210202-05 | (Texana GCD - NW-00491) | 2/2/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 15 |
| 4533 | Texana GCD | Texana GCD - WLM-20210202-06 | (Texana GCD - NW-00492) | 2/2/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 43.64 |
| 4539 | Texana GCD | Texana GCD - WLM-20210305-01 | (Texana GCD - NW-00487) | 3/5/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 18.49 |
| 4538 | Texana GCD | Texana GCD - WLM-20210305-02 | (Texana GCD - NW-00488) | 3/5/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 49.35 |
| 4537 | Texana GCD | Texana GCD - WLM-20210305-03 | (Texana GCD - NW-00489) | 3/5/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 17.55 |
| 4536 | Texana GCD | Texana GCD - WLM-20210305-04 | (Texana GCD - NW-00490) | 3/5/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 48.35 |
| 4535 | Texana GCD | Texana GCD - WLM-20210305-05 | (Texana GCD - NW-00491) | 3/5/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 16.48 |
| 4534 | Texana GCD | Texana GCD - WLM-20210305-06 | (Texana GCD - NW-00492) | 3/5/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 46.74 |
| 4553 | Texana GCD | Texana GCD - WLM-20210312-08 | (Texana GCD - GW-00244) | 3/12/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 25.06 |
| 4550 | Texana GCD | Texana GCD - WLM-20210312-06 | (Texana GCD - GW-00274) | 3/12/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 21 |
| 4549 | Texana GCD | Texana GCD - WLM-20210312-07 | (Texana GCD - GW-00278) | 3/12/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 48.7 |
| 4551 | Texana GCD | Texana GCD - WLM-20210312-05 | (Texana GCD - GW-00320) | 3/12/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 26 |
| 4548 | Texana GCD | Texana GCD - WLM-20210312-03 | (Texana GCD - GW-00410) | 3/12/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 37.25 |
| 4547 | Texana GCD | Texana GCD - WLM-20210312-02 | (Texana GCD - GW-00411) | 3/12/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 33.75 |
| 4546 | Texana GCD | Texana GCD - WLM-20210312-01 | (Texana GCD - NW-00195) | 3/12/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 32.65 |
| 4552 | Texana GCD | Texana GCD - WLM-20210312-04 | (Texana GCD - NW-00310) | 3/12/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 42.6 |
| 4555 | Texana GCD | Texana GCD - WLM-20210315-02 | (Texana GCD - GW-00247) | 3/15/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 25.77 |
| 4554 | Texana GCD | Texana GCD - WLM-20210315-01 | (Texana GCD - GW-00251) | 3/15/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 29.6 |
| 4558 | Texana GCD | Texana GCD - WLM-20210315-05 | (Texana GCD - GW-00283) | 3/15/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 34.55 |
| 4557 | Texana GCD | Texana GCD - WLM-20210315-04 | (Texana GCD - GW-00284) | 3/15/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 28.4 |
| 4556 | Texana GCD | Texana GCD - WLM-20210315-03 | (Texana GCD - GW-00285) | 3/15/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 32.4 |
| 4560 | Texana GCD | Texana GCD - WLM-20210315-07 | (Texana GCD - GW-00291) | 3/15/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 39.35 |
| 4559 | Texana GCD | Texana GCD - WLM-20210315-06 | (Texana GCD - GW-00385) | 3/15/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 28.15 |
| 4522 | Texana GCD | Texana GCD - WLM-20210316-06 | (Texana GCD - GW-00073) | 3/16/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 24.4 |
| 4524 | Texana GCD | Texana GCD - WLM-20210316-04 | (Texana GCD - GW-00075) | 3/16/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 28.65 |
| 4525 | Texana GCD | Texana GCD - WLM-20210316-03 | (Texana GCD - GW-00076) | 3/16/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 28.4 |
| 4523 | Texana GCD | Texana GCD - WLM-20210316-05 | (Texana GCD - GW-00077) | 3/16/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 28.7 |
| 4521 | Texana GCD | Texana GCD - WLM-20210316-07 | (Texana GCD - GW-00082) | 3/16/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 25.2 |
| 4526 | Texana GCD | Texana GCD - WLM-20210316-02 | (Texana GCD - GW-00090) | 3/16/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 44.4 |
| 4527 | Texana GCD | Texana GCD - WLM-20210316-01 | (Texana GCD - NW-00451) | 3/16/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 45.9 |
| 4540 | Texana GCD | Texana GCD - WLM-20210401-01 | (Texana GCD - NW-00487) | 4/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 16.1 |
| 4541 | Texana GCD | Texana GCD - WLM-20210401-02 | (Texana GCD - NW-00488) | 4/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 44.15 |
| 4542 | Texana GCD | Texana GCD - WLM-20210401-03 | (Texana GCD - NW-00489) | 4/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 15.06 |
| 4543 | Texana GCD | Texana GCD - WLM-20210401-04 | (Texana GCD - NW-00490) | 4/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 43.4 |

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|---|---|---|---|---|---|---|---|
| 4544 | Texana GCD | Texana GCD - WLM-20210401-05 | (Texana GCD - NW-00491) | 4/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 14.44 |
| 4545 | Texana GCD | Texana GCD - WLM-20210401-06 | (Texana GCD - NW-00492) | 4/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 43.69 |
| 4580 | Texana GCD | Texana GCD - WLM-20210428-01 | (Texana GCD - GW-00563) | 4/28/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 32.4 |
| 4561 | Texana GCD | Texana GCD - WLM-20210503-01 | (Texana GCD - NW-00487) | 5/3/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 15.8 |
| 4562 | Texana GCD | Texana GCD - WLM-20210503-02 | (Texana GCD - NW-00488) | 5/3/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 49.2 |
| 4563 | Texana GCD | Texana GCD - WLM-20210503-03 | (Texana GCD - NW-00489) | 5/3/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 14.96 |
| 4564 | Texana GCD | Texana GCD - WLM-20210503-04 | (Texana GCD - NW-00490) | 5/3/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 47.4 |
| 4565 | Texana GCD | Texana GCD - WLM-20210503-05 | (Texana GCD - NW-00491) | 5/3/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 14.5 |
| 4566 | Texana GCD | Texana GCD - WLM-20210503-06 | (Texana GCD - NW-00492) | 5/3/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 44.79 |
| 4567 | Texana GCD | Texana GCD - WLM-20210507-01 | (Texana GCD - NW-00488) | 5/7/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 47.4 |
| 4568 | Texana GCD | Texana GCD - WLM-20210601-01 | (Texana GCD - NW-00487) | 6/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 14.42 |
| 4569 | Texana GCD | Texana GCD - WLM-20210601-02 | (Texana GCD - NW-00488) | 6/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 43.45 |
| 4570 | Texana GCD | Texana GCD - WLM-20210601-03 | (Texana GCD - NW-00489) | 6/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 13.75 |
| 4571 | Texana GCD | Texana GCD - WLM-20210601-04 | (Texana GCD - NW-00490) | 6/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 42.4 |
| 4572 | Texana GCD | Texana GCD - WLM-20210601-05 | (Texana GCD - NW-00491) | 6/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 13.3 |
| 4573 | Texana GCD | Texana GCD - WLM-20210601-06 | (Texana GCD - NW-00492) | 6/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 41.09 |
| 4574 | Texana GCD | Texana GCD - WLM-20210701-01 | (Texana GCD - NW-00487) | 7/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 13.93 |
| 4575 | Texana GCD | Texana GCD - WLM-20210701-02 | (Texana GCD - NW-00488) | 7/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 43.79 |
| 4576 | Texana GCD | Texana GCD - WLM-20210701-03 | (Texana GCD - NW-00489) | 7/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 13.5 |
| 4577 | Texana GCD | Texana GCD - WLM-20210701-04 | (Texana GCD - NW-00490) | 7/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 42.35 |
| 4578 | Texana GCD | Texana GCD - WLM-20210701-05 | (Texana GCD - NW-00491) | 7/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 12.92 |
| 4579 | Texana GCD | Texana GCD - WLM-20210701-06 | (Texana GCD - NW-00492) | 7/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 39.99 |
| 4586 | Texana GCD | Texana GCD - WLM-20210802-01 | (Texana GCD - NW-00487) | 8/2/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 15.52 |
| 4585 | Texana GCD | Texana GCD - WLM-20210802-02 | (Texana GCD - NW-00488) | 8/2/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 48.08 |
| 4584 | Texana GCD | Texana GCD - WLM-20210802-03 | (Texana GCD - NW-00489) | 8/2/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 19.9 |
| 4583 | Texana GCD | Texana GCD - WLM-20210802-04 | (Texana GCD - NW-00490) | 8/2/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 44.05 |
| 4582 | Texana GCD | Texana GCD - WLM-20210802-05 | (Texana GCD - NW-00491) | 8/2/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 22.6 |
| 4581 | Texana GCD | Texana GCD - WLM-20210802-06 | (Texana GCD - NW-00492) | 8/2/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 41.24 |
| 4593 | Texana GCD | Texana GCD - WLM-20210816-07 | (Texana GCD - GW-00073) | 8/16/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 22.5 |
| 4592 | Texana GCD | Texana GCD - WLM-20210716-06 | (Texana GCD - GW-00075) | 8/16/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 26.4 |
| 4590 | Texana GCD | Texana GCD - WLM-20210816-04 | (Texana GCD - GW-00076) | 8/16/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 28.2 |
| 4591 | Texana GCD | Texana GCD - WLM-20210816-05 | (Texana GCD - GW-00077) | 8/16/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 28.35 |
| 4589 | Texana GCD | Texana GCD - WLM-20210816-03 | (Texana GCD - GW-00082) | 8/16/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 24.9 |
| 4587 | Texana GCD | Texana GCD - WLM-20210816-01 | (Texana GCD - GW-00090) | 8/16/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 44.95 |
| 4588 | Texana GCD | Texana GCD - WLM-20210816-02 | (Texana GCD - NW-00451) | 8/16/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 46.4 |
| 4599 | Texana GCD | Texana GCD - WLM-20210817-06 | (Texana GCD - GW-00244) | 8/17/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 23.56 |
| 4600 | Texana GCD | Texana GCD - WLM-20210817-07 | (Texana GCD - GW-00247) | 8/17/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 23.82 |
| 4601 | Texana GCD | Texana GCD - WLM-20210817-08 | (Texana GCD - GW-00251) | 8/17/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 28.76 |
| 4602 | Texana GCD | Texana GCD - WLM-20210817-10 | (Texana GCD - GW-00276) | 8/17/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 42.6 |
| 4598 | Texana GCD | Texana GCD - WLM-20210817-05 | (Texana GCD - GW-00278) | 8/17/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 51 |
| 4603 | Texana GCD | Texana GCD - WLM-20210817-11 | (Texana GCD - GW-00320) | 8/17/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 24.5 |
| 4595 | Texana GCD | Texana GCD - WLM-20210817-02 | (Texana GCD - GW-00411) | 8/17/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 32.25 |
| 4596 | Texana GCD | Texana GCD - WLM-20210817-03 | (Texana GCD - GW-00411) | 8/17/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 35.75 |
| 4594 | Texana GCD | Texana GCD - WLM-20210817-01 | (Texana GCD - NW-00195) | 8/17/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 31.65 |
| 4597 | Texana GCD | Texana GCD - WLM-20210817-04 | (Texana GCD - NW-00310) | 8/17/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 40.6 |
| 4608 | Texana GCD | Texana GCD - WLM-20210818-05 | (Texana GCD - GW-00283) | 8/18/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 33.5 |
| 4609 | Texana GCD | Texana GCD - WLM-20210818-06 | (Texana GCD - GW-00284) | 8/18/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 27.6 |
| 4607 | Texana GCD | Texana GCD - WLM-20210818-04 | (Texana GCD - GW-00285) | 8/18/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 31.1 |
| 4605 | Texana GCD | Texana GCD - WLM-20210818-02 | (Texana GCD - GW-00291) | 8/18/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 37.05 |
| 4606 | Texana GCD | Texana GCD - WLM-20210818-03 | (Texana GCD - GW-00294) | 8/18/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 79.4 |
| 4604 | Texana GCD | Texana GCD - WLM-20210818-01 | (Texana GCD - GW-00385) | 8/18/2021 | Steel Tape | Water Level Depth Below Surface (ft) | 26.8 |
| 4610 | Texana GCD | Texana GCD - WLM-20210901-01 | (Texana GCD - NW-00487) | 9/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 24.73 |
| 4611 | Texana GCD | Texana GCD - WLM-20210901-02 | (Texana GCD - NW-00488) | 9/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 58.3 |
| 4612 | Texana GCD | Texana GCD - WLM-20210901-03 | (Texana GCD - NW-00489) | 9/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 27.15 |
| 4613 | Texana GCD | Texana GCD - WLM-20210901-04 | (Texana GCD - NW-00490) | 9/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 48.25 |
| 4614 | Texana GCD | Texana GCD - WLM-20210901-05 | (Texana GCD - NW-00491) | 9/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 23.7 |
| 4615 | Texana GCD | Texana GCD - WLM-20210901-06 | (Texana GCD - NW-00492) | 9/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 45.94 |
| 4616 | Texana GCD | Texana GCD - WLM-20211004-01 | (Texana GCD - NW-00487) | 10/4/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 14.7 |
| 4617 | Texana GCD | Texana GCD - WLM-20211004-02 | (Texana GCD - NW-00488) | 10/4/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 52.15 |
| 4618 | Texana GCD | Texana GCD - WLM-20211004-03 | (Texana GCD - NW-00489) | 10/4/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 14.2 |
| 4619 | Texana GCD | Texana GCD - WLM-20211004-04 | (Texana GCD - NW-00490) | 10/4/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 48.75 |
| 4620 | Texana GCD | Texana GCD - WLM-20211004-05 | (Texana GCD - NW-00491) | 10/4/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 13.35 |
| 4621 | Texana GCD | Texana GCD - WLM-20211004-06 | (Texana GCD - NW-00492) | 10/4/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 46.14 |
| 4622 | Texana GCD | Texana GCD - WLM-20211101-01 | (Texana GCD - NW-00487) | 11/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 17.3 |
| 4623 | Texana GCD | Texana GCD - WLM-20211101-02 | (Texana GCD - NW-00488) | 11/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 52.9 |
| 4624 | Texana GCD | Texana GCD - WLM-20211101-03 | (Texana GCD - NW-00489) | 11/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 17.8 |
| 4625 | Texana GCD | Texana GCD - WLM-20211101-04 | (Texana GCD - NW-00490) | 11/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 52.15 |
| 4626 | Texana GCD | Texana GCD - WLM-20211101-05 | (Texana GCD - NW-00491) | 11/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 16 |
| 4627 | Texana GCD | Texana GCD - WLM-20211101-06 | (Texana GCD - NW-00492) | 11/1/2021 | Electronic Tape | Water Level Depth Below Surface (ft) | 45.44 |

# Draft: Application of Geostatistical Techniques to Quantify Changes in Water Levels

**Prepared for:**

Calhoun County Groundwater Conservation District
Refugio Groundwater Conservation District
Texana Groundwater Conservation District
Victoria County Groundwater Conservation District

**Prepared by:**

INTERA Incorporated
9600 Great Hills Trail
Suite 300W
Austin, TX 78759
512.425.2000

April 2021

# Draft: Application of Geostatistical Techniques to Quantify Changes in Water Levels

*Prepared by:*

**Steven C. Young, Ph.D., P.E., P.G.**
**Ross Kushnereit, GIT**
**Lakin Beal**
**Tingting Yan**
**Hai Pham, Ph.D.,**

**INTERA Incorporated**
**Austin, Texas 78754**

# EXECUTIVE SUMMARY

The study accomplished the following tasks for Calhoun County Groundwater Conservation District (GCD), Refugio GCD, Texana GCD, and Victoria County GCD:

1. Assembled measured groundwater elevations from GCD and Texas Water Development Board (TWDB) databases over the interval from 2000 to 2020 and integrated them into a single data set;
2. Employed geostatistical methods for interpolating annual groundwater for the Chicot and Evangeline aquifers from 2000 to 2020;
3. Evaluated the annual changes in the measured groundwater elevations across the four counties and in selected wells;
4. Provided recommendations for future work.

Dataset of Measured Water Levels

Water level data were assembled from 658 wells from the TWDB groundwater database for Calhoun, Jackson, Refugio, and Victoria counties and for nine surrounding counties. Groundwater data were also assembled from 258 wells from the four GCDs that manage groundwater in Calhoun, Jackson, Refugio, and Victoria counties. The integration of the two data sets included identifying wells that were shared in both data sets but were assigned different names. One hundred twenty-seven wells were matched between the two data sets based on well depths, well location, and measured water levels. Annual water levels were determined for each year using measured water levels over a 6-month period. A total of 6,081 annual water levels were created from 2000 through 2020 at 801 wells for the 13 counties. Out of the 801 wells, 253 of the wells were located in Calhoun, Jackson, Refugio, and Victoria counties.

Spatial Interpolation of Measured Groundwater Elevations

Ordinary Kriging was used to interpolate the annual water levels. Kriging is a geostatistical interpolation technique that considers both the distance and the degree of variation between known data points when estimating values in unknown areas. Ordinary Kriging provides the best linear unbiased prediction at unsampled locations and reproduces the measured values at all sampled locations exactly. To meet underlying assumptions to apply Kriging, the measured water levels were detrended prior to the application of Kriging using water levels simulated by the central Gulf Coast Groundwater Availability Model (GAM). Ordinary Kriging was implemented using a six-step process described below:

Step #1 - Assemble and inspect the data for evidence of a trend.

Step #2 – Develop a trend surface based on a smoothing the water levels simulated by the GAM.

Step #3 – Calculate the residual at each well location -- a residual is the difference between the measured value and value produced by the trend. Check whether the set of calculated residuals are normally distributed. If the residuals do not resemble a normal distribution, then repeat Step #2.

Step #4 – Construct an experimental and a theoretical semivariogram for the set of residuals for the Chicot Aquifer and for the Evangeline Aquifer.

Step #5 – Krige the residuals to produce a continuous surface across the area of interest.

Step #6 – Combine the trend surface and the Kriged surface to generate the final surface.

The residuals calculated in Step #3 were shown to approximate a normal distribution based on visual comparisons of the theoretical and actual distribution function and by statistical comparison using Liffiefors test for normality based on the Kolmogorov-Smirnov test. All of the experimental semivariograms generated from the analysis were fitted to spherical theoretical variogram models.

Ordinary Kriging was used to interpolate the water level residuals for the years 2000 through 2020 for both the Chicot Aquifer, the Evangeline Aquifer, and the Chicot and Evangeline Aquifer, which is created by combing the Chicot and Evangeline aquifers into single aquifer. The interpolation generated interpolated surfaces with a resolution of 1,000 feet (ft) for each year from 2000 to 2020. Using these surfaces, the average water levels were calculated by county and by year. The tabulation below shows results for the results at five-year intervals.

| County | Aquifer | Water Level Metric | 2000 | 2005 | 2010 | 2015 | 2020 |
|---|---|---|---|---|---|---|---|
| Calhoun County | Chicot | avg. WL (ft, msl) | -7.0 | 1.9 | -2.6 | -7.7 | -2.6 |
| | | WL change (ft)* | 0.0 | 8.9 | 4.4 | -0.6 | 4.5 |
| | Evangeline | avg. WL (ft, msl) | 17.7 | 13.3 | 18.1 | 3.6 | 16.4 |
| | | WL change (ft)* | 0.0 | -4.4 | 0.4 | -14.2 | -1.3 |
| | Chicot & Evangeline | avg. WL (ft, msl) | -3.2 | 3.3 | 0.4 | -6.1 | 0.5 |
| | | WL change (ft)* | 0.0 | 6.6 | 3.6 | -2.8 | 3.7 |
| Jackson County | Chicot | avg. WL (ft, msl) | 21.3 | 29.3 | 27.1 | 22.1 | 28.0 |
| | | WL change (ft)* | 0.0 | 8.0 | 5.8 | 0.8 | 6.7 |
| | Evangeline | avg. WL (ft, msl) | 17.0 | 22.0 | 17.1 | 12.0 | 15.9 |
| | | WL change (ft)* | 0.0 | 5.1 | 0.1 | -4.9 | -1.0 |
| | Chicot & Evangeline | avg. WL (ft, msl) | 19.0 | 25.6 | 22.0 | 16.9 | 21.9 |
| | | WL change (ft)* | 19.1 | 6.6 | 3.0 | -2.1 | 2.9 |
| Refugio County | Chicot | avg. WL (ft, msl) | 24.8 | 28.3 | 22.7 | 14.5 | 18.4 |
| | | WL change (ft)* | 0.0 | 3.5 | -2.1 | -10.3 | -6.4 |
| | Evangeline | avg. WL (ft, msl) | 32.5 | 40.7 | 21.7 | 22.3 | 30.9 |
| | | WL change (ft)* | 0.0 | 8.1 | -10.8 | -10.3 | -1.7 |
| | Chicot & Evangeline | avg. WL (ft, msl) | 26.3 | 31.8 | 20.7 | 16.7 | 22.6 |
| | | WL change (ft)* | 0.0 | 5.6 | -5.5 | -9.5 | -3.7 |
| Victoria County | Chicot | avg. WL (ft, msl) | 49.8 | 52.6 | 52.8 | 48.2 | 47.9 |
| | | WL change (ft)* | 0.0 | 2.8 | 3.0 | -1.6 | -1.9 |
| | Evangeline | avg. WL (ft, msl) | 29.8 | 48.9 | 44.8 | 41.4 | 39.1 |
| | | WL change (ft)* | 0.0 | 19.1 | 15.0 | 11.5 | 9.3 |
| | Chicot & Evangeline | avg. WL (ft, msl) | 41.3 | 52.2 | 50.2 | 46.3 | 45.1 |
| | | WL change (ft)* | 0.0 | 10.9 | 8.9 | 5.0 | 3.8 |

Note: WL=water level elevation, change is measured relative to 2000; ft = feet; msl = mean sea level
negative numbers indicate a decline in groundwater elevation over time

Alternative Water Level Maps

Because the method used to detrend and Krige the measured water levels has not been used in Texas prior to this study, the method was compared to several alternative methods for constructing water level maps to investigate the sensitivity of the results to changes in the method's implementation and to compare the results produced by alternative methods. Among some of the notable observations are:

- The Kriged values results are not very sensitive to the amount the GAM-simulated water levels are smoothed to generate the trend surface used for detrending.
- The Kriged results can be very sensitive if the trend surface is updated to account for annual differences in the GAM simulations that account for different pumping rates.
- The Kriging of water levels without detrending can produce significantly different results than Kriging with detrending.
- The results for the Evangeline Aquifer are more sensitive to changes in how Kriging is performed than results for the Chicot Aquifer.

Spatial and Temporal Changes in Water Levels

The surfaces generated by Kriging the measured water levels were used to generate maps showing the spatial distribution of water level change across Calhoun, Jackson, Refugio, and Victoria counties. The maps were generated for the Chicot Aquifer and the Evangeline Aquifer for 20-, 10-, and 5-year intervals. Notable changes from 2000 to 2020 are:

*Calhoun County*

- Chicot Aquifer: Water levels rose across about 80% of the county. The largest increase of about 20 ft occurred in northeast. Areas of decrease occurred in northwest and north regions.
- Evangeline Aquifer: Water levels dropped across about 70% of the county. The largest decrease of about 7 ft occurred in the northeast.

*Jackson County*

- Chicot Aquifer: Water levels rose across about 90% of the county. Increases of about 25 ft occurred in northeast and of about 20 ft occurred in south. In the remaining areas, water levels dropped less than 5 ft.
- Evangeline Aquifer: Water levels increased across about 50% of the county with the largest increase of about 12 ft occurring in the northern region. Water levels dropped across the remaining county with the greatest decline of 10 ft occurring in the southern region.

*Refugio County*

- Chicot Aquifer: Water levels dropped across about 70% of the county and in the northwest region where the largest decrease of about 27 ft occurred near the Goliad county line. An increase of less than 5 ft occurred across most of the southeastern portion of the county.
- Evangeline Aquifer: Water levels decreased across about 75% of the county with the largest decline of 15 ft in the north-central region of the county.

*Victoria County*

- Chicot Aquifer: Water levels increased across about 50% of the county and primarily in the northeast region. The largest increase of about 25 ft occurred at the center of the county. Water levels dropped in the southwest region where the largest decrease was about 15 ft.

- Evangeline Aquifer: Water levels rose across about 60% of the county and primarily in the northwest portion of the county. The largest increase of about 70 ft occurred at the center of the county. In southwest region of the county, changes in the groundwater levels ranged from about a 10 ft increase to a 20 ft decrease.

Hydrographs were generated for wells with annual water levels that are located in Calhoun, Jackson, Refugio, and Victoria counties. Hydrographs with more than four measured water level are presented and discussed in Section 6. In about half of the wells, the changes in the measured water levels over time are relatively flat (stable) over time. At about 60% of these wells, the GAM simulated water levels also were characterized as being relatively flat over time. For the wells, where there was a recognizable increase or decrease in the measured water levels over time, only about 30% of GAM -simulated water levels matched the temporal trend associated with measured water levels.

Recommendations for Future Work

Recommendations for future work were grouped into three general categories: (1) coordinating with the TWDB to integrate the GCD well information into the TWDB groundwater database; (2) expanding the monitoring well network and monitoring programs; and (3) expanding and improving on the geostatistical analysis provided in this study.

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# ACROYNMS AND ABBREVIATIONS

CDF cumulative density function

DFC desired future condition
DEM digital elevation model

ft feet

GAM groundwater availability model
GCD groundwater conservation district
GMA groundwater management area

TWC Texas Water Code
TWDB Texas Water Development Board

# 1.0 INTRODUCTION

As stated in §36.1005 of the Texas Water Code (TWC), groundwater conservation districts (GCDs) are the state's preferred method of groundwater management. The responsibilities of GCDs include the monitoring and analysis of groundwater levels to assess the conditions of the groundwater resource. In recognizing the value of using best science available to develop and implement their rule-making, four GCDs in Groundwater Management Area (GMA) 15 funded this study to use geostatistical techniques to interpret measured water levels for the purpose of quantifying change across an aquifer and evaluating compliance with Desired Future Conditions (DFCs). The four GCDs are: Calhoun County GCD, Refugio GCD, Texana GCD, and Victoria County GCD.

## 1.1 Project Overview

The project overview provides a brief introduction to the study area and lists the project objectives.

### 1.1.1 Study Area

**Figure 1-1** shows the location of Calhoun County GCD, Refugio GCD, Texana GCD, and Victoria County GCD. The four GCDs are part of GMA 15. Figure 1-1 shows the boundary for GMA 15, which includes all or parts of fourteen counties. GMAs were created by the Texas legislature "in order to provide for the conservation, preservation, protection, recharging, and prevention of waste of the groundwater, and of groundwater reservoirs or their subdivisions, and to control subsidence caused by withdrawal of water from those groundwater reservoirs or their subdivisions" (TWC §35.001).

The primary groundwater reservoir in GMA 15 is the Gulf Coast Aquifer System. GMA 15 is currently using the central Gulf Coast Groundwater Availability Model (GAM) (Chowdhury and others, 2004) for assessing impacts of pumping on groundwater levels in the Gulf Coast Aquifer System. The central Gulf Coast GAM represents the Gulf Coast Aquifer System as four major hydrogeologic units. These four units are, from youngest to oldest, the Chicot Aquifer, the Evangeline Aquifer, the Burkeville Confining Unit, and the Jasper Aquifer. As a general rule, the Burkeville Confining Unit is considered as a clay-rich unit with low potential for producing groundwater.

**Figure 1-2** shows three vertical cross-sections through the GMA 15 GAM. The cross-sections show the upper and lower boundaries for the four units. As shown in Figure 1-2, all four units dip to the coast. Along the coastline, there are few water wells that penetrate below the lower portion of the Evangeline Aquifer because of relatively saline groundwater and because the depth is greater than 1000 feet (ft).

### 1.1.2 Study Objectives

This study has the three study objectives for Calhoun County GCD, Refugio GCD, Texana GCD, and Victoria County GCD:

- Employ appropriate geostatistical methods for interpolating water level conditions across the Chicot and Evangeline aquifers from each year from 2000 to 2020;

- Employ appropriate geostatistical methods for interpolating water level conditions over time for the Chicot and Evangeline aquifers;
- Develop technical reports documenting condition assessments and evaluations, data sources, methods, assumptions and rationale for selected methods and assumptions.

## 1.2 Report Outline

The report contains seven sections after this introduction (Section one). Section two describes the methods used to assemble the measured water levels for evaluating groundwater level conditions in the Chicot and Evangeline aquifers. Section three introduces geostatistical techniques, explains how geostatistical methods can be used to interpolate water levels, and discusses several potential benefits offered by geostatistics over conventional interpolation methods. Section four documents the application of detrending and ordinary Kriging to interpolate measured water levels and generate maps of contoured groundwater elevations for the Chicot and the Evangeline aquifers. Section five provides the change in annual average in water levels per county and measured water levels using well hydrographs. Section seven provides suggestions for future work. Section eight provides the references.

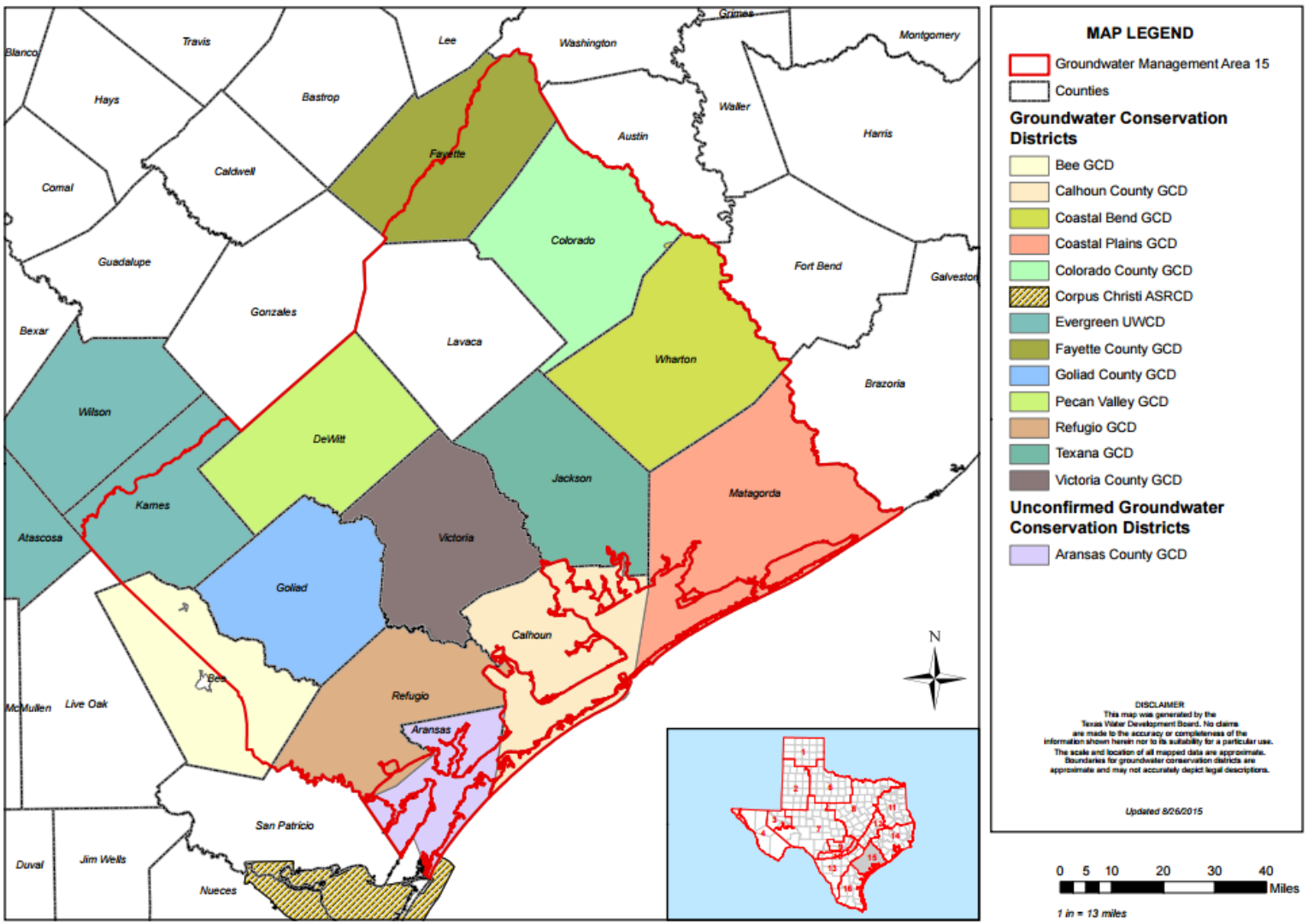



Figure 1-1 Delineation of GMA 15 showing locations of GCDs (obtained from http://www.twdb.texas.gov/groundwater/management_areas/gma15.asp)

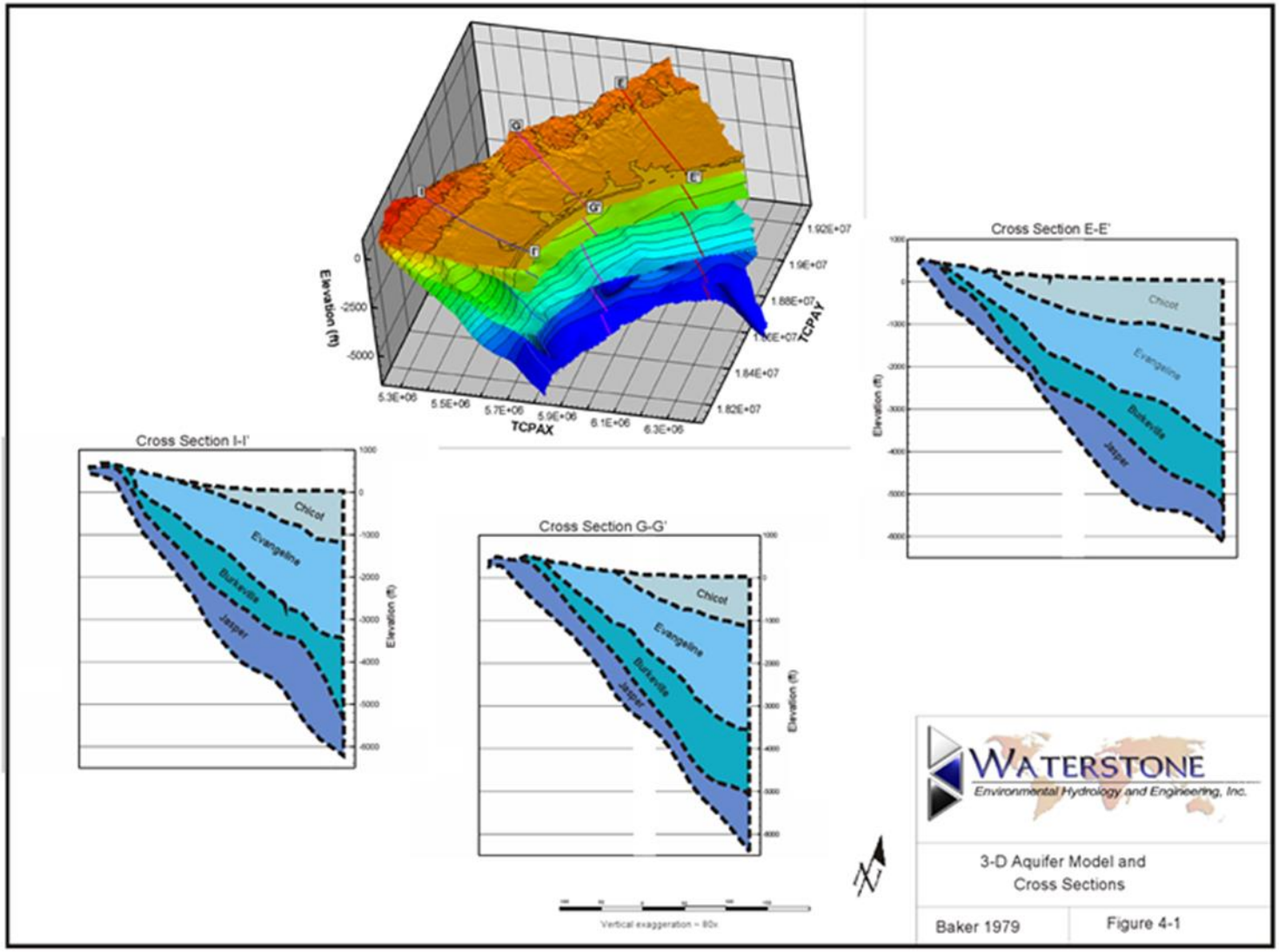



Figure 1-2 Vertical cross-sections through GMA 15 showing the four geological units that comprise the Gulf Coast Aquifer System: Chicot Aquifer, Evangeline Aquifer, Burkeville Unit, and the Jasper Aquifer (Waterstone and Parsons, 2003)

# 2.0 MEASURED WATER LEVELS

This section discusses the development of the measured water levels database used for the groundwater analysis.

## 2.1 Data Sources

Two sources of measured water levels were used for this study. Both data sets contained measured water levels for the period from 2000 to 2020. One data set was obtained from Calhoun County GCD, Refugio GCD, Texana GCD, and Victoria County GCD. The GCD data set consisted of 1,809 depth to water measurements at 256 wells for Calhoun, Jackson, Refugio, and Victoria counties. The second data set was the Texas Water Development Board (TWDB) groundwater data set. The TWDB data set consisted of 13,800 depth to water measurements at 658 wells. The TWDB data set was filtered to remove water levels that may have been affected by pumping by using appropriate flags in the TWDB data set. **Figure 2-1** shows the location of the wells associated with the GCD and TWDB data sets.

## 2.2 Merging of TWDB and GCD Datasets

As shown in Figure 2-1, the TWDB and GCD data sets include several of the same wells but with different names. INTERA's investigation method to verify 96 well pairs identified in the GCD data set was based on comparing well location, well depth, and water level data. Based on a comparison of these three attributes, INTERA identified 127 well pairs between the two data sets.

**Appendix A** lists the names and locations for the GCD and TWDB wells that are matched. Except for one well pair, the GCD and the TWDB data sets have different values for the location of the matched wells. Appendix A provides the distance calculated between the two well locations in the TWDB and the GCD data sets for each of the 127 well pairs. The locations of the matched wells in the GCD and TWDB are within 100 ft of each other for 105 of the 127 well pairs. For eight of the well pairs, the locations in the GCD and TWDB data sets are greater than 200 ft apart.

An important part of the process of identifying well pairs was the comparison of water levels in the GCD and the TWDB data sets. This comparison was performed visually using the type of plots shown in **Figure 2-2**. Figure 2-2 shows plots of water levels for four well pairs. Each plot shows measured water levels over time using the same datum. The TWDB water levels are shown using blue dots and the GCD water levels are shown using red dots that are slightly smaller than the blue dots. Potential well pairs were identified using information provided by the GCDs and a comparison of well locations and well depths in the two data sets. The final decision on whether two wells were determined to be a well pair was based on whether or not red dots plotted inside the blue dots for water levels measured on the same date. Merging of the two data water level data sets was achieved by augmenting the TWDB data set with any new data provided in the GCD data set.

The 127 well pairs include 88 of the 96 well pairs identified in the GCD database. **Table 2-1** shows the eight well pairs that were not confirmed based on the INTERA analysis. For four of the eight well pairs,

INTERA did not have sufficient information to confirm or reject the GCD well pair because the matched wells did not have measured water levels for the same date. For the other four well pairs identified by the GCD, INTERA had matched the GCD well with different TWDB well than the well provided in the GCD data set.

Table 2-1 List of eight well pairs in the GCD data set that were not confirmed by INTERA

| GCD Well ID | TWDB Well ID | |
|---|---|---|
| | Paired by INTERA | Paired in GCD Data Set |
| Refugio GCD - NW-00475 | 7946803 | 7946810 |
| Victoria County GCD - GW-000950 | 8018601 | 8016601 |
| Victoria County GCD - GW-000603 | 7916703 | 7916603 |
| Refugio GCD - NW-00340 | 8033203 | 8033205 |
| Texana GCD - GW-00284 | NA | 8011502 |
| Victoria County GCD - GW-000310 | NA | 8018404 |
| Texana GCD - GW-00385 | NA | 8012502 |
| Victoria County GCD - GW-000189 | NA | 7915306 |

The data set generated by merging the GCD and the TWDB data used the GCD-provided location and well depth instead of the TWDB-provided information where possible. The data used for land surface elevations for each well were obtained from three sources. The order of priority used for selecting the land surface elevation were: the GCD data set (if available), the TWDB data set (if available), and then the 30-meter Digital Elevation Model (DEM) for the Texas Gulf Coast.

The merging of the GCD and the TWDB data sets generated 889 unique wells. Each of the 889 wells were assigned a unique INTERA ID. **Appendix B** lists the 889 wells in the numerical order of their INTERA ID. For each well, Appendix B lists the GCD name (if assigned), the TWDB State well number (if assigned), the land surface elevation, the well depth, and the assigned aquifer.

Each well was assigned to a geologic unit based on the elevation of the bottom of the well. The bottom elevation was determined by subtracting the well depth from the ground surface elevation. The aquifer assignment was determined by where the well's bottom elevation is located in the three-dimensional numerical grid of the central Gulf Coast GAM (Chowdhury and others 2004). Wells with no well depth information were not assigned to a geologic unit and were instead assigned the category of "Shallow". Conversely, wells whose bottom elevation plotted below the lowest layer in the GAM were also not assigned to a geologic unit and were instead assigned the category of "Deep".

## 2.3 Average annual water level

A single annual water level average was calculated each year using measurements that were made over a 6-month period that spanned from October through December of the year before and from January through March of the current year. A total of 6,081 average winter water level averages are available from 2000 through 2020 at 801 wells. **Appendix C** lists the number of water level measurements that are available for the 6-month period from the TWDB data set and the GCD data set for 127 well pairs.

For 80 of these well pairs, the addition of the GCD data set increased the number of annual water level measurements.

## 2.4 Average annual water level

**Table 2-2** lists the number of wells in Calhoun, Jackson, Refugio, and Victoria counties that were used in the study. These wells were assigned to an aquifer and have at least one annual water level calculated from 2000 to 2020. The locations of these wells are shown in **Figures 2-3** through **2-6**.

Table 2-2 Number of wells with measured water levels in Calhoun, Jackson, Refugio, and Victoria counties that were used in the study

| County | Number of Wells | | |
|---|---|---|---|
| | Chicot | Evangeline | Total |
| Calhoun | 19 | 0 | 19 |
| Jackson | 68 | 8 | 76 |
| Refugio | 26 | 9 | 35 |
| Victoria | 53 | 70 | 123 |
| Total | 166 | 87 | 253 |

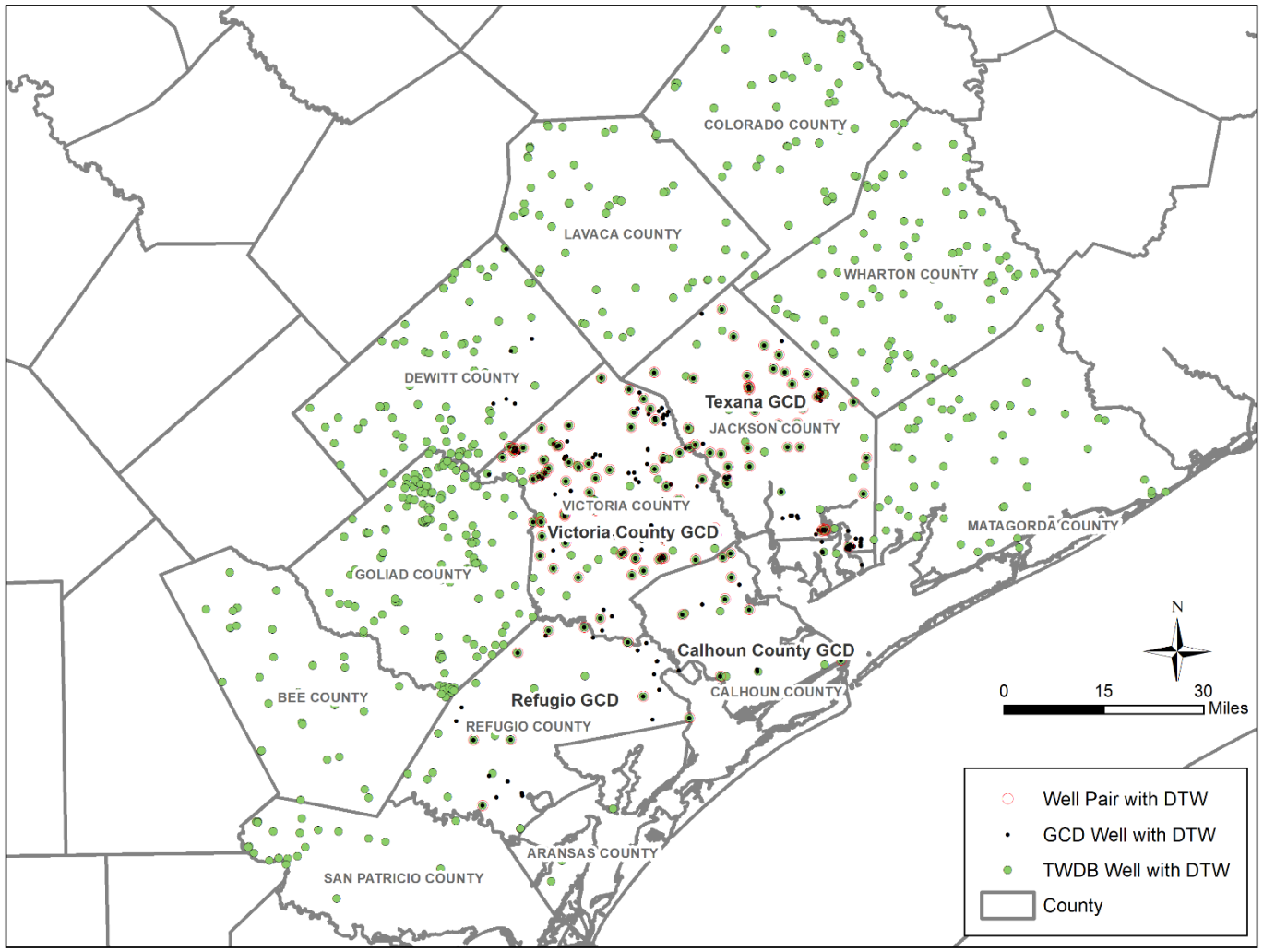



Figure 2-1 Location of the wells with measured depth to water (DTW) that were evaluated for this study

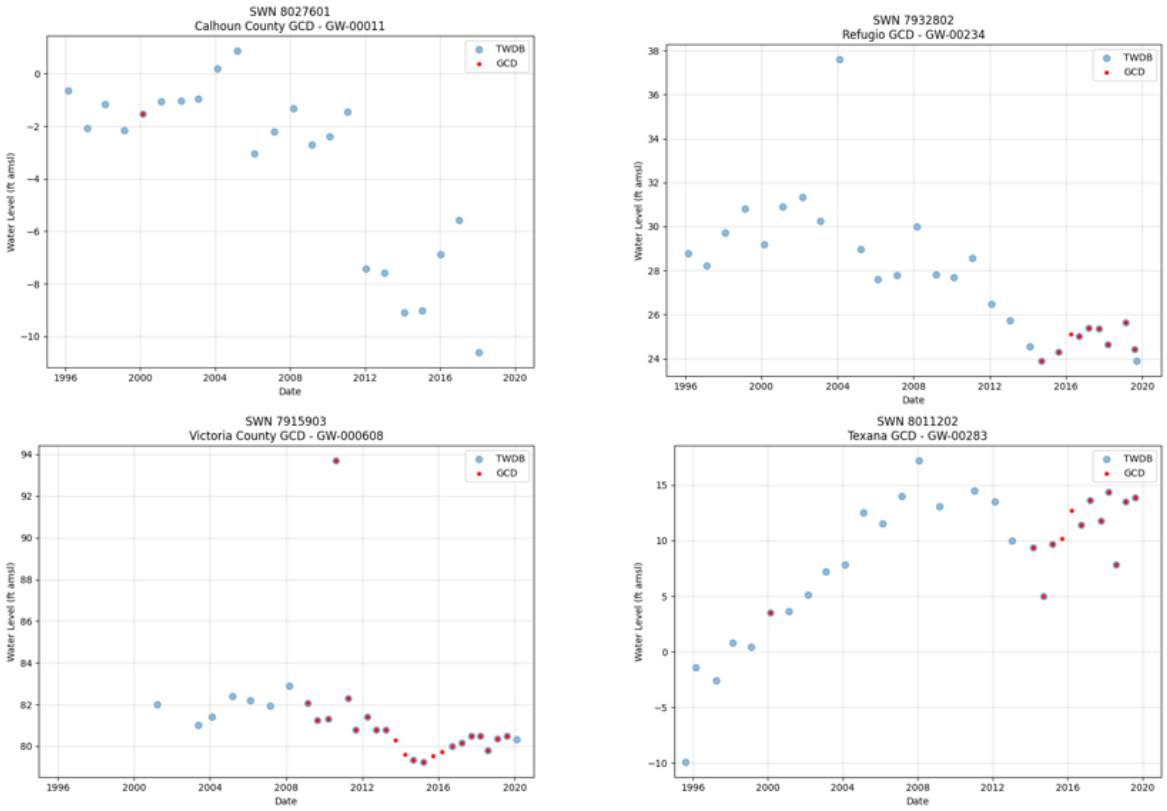



Figure 2-2 Comparison of measured water levels from the GCD and the TWDB data sets for four well pairs

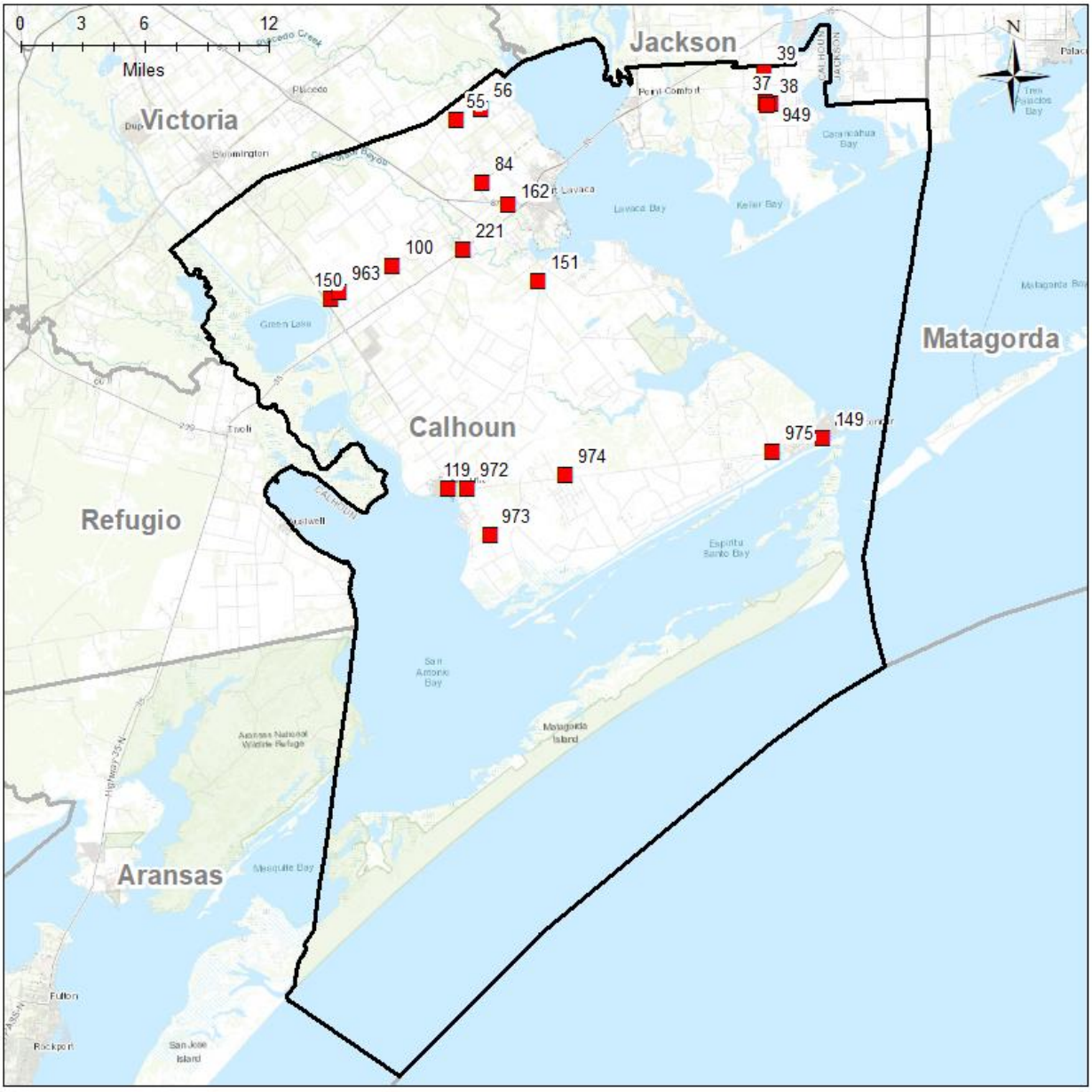



Figure 2-3 Location and INTERA IDs for water wells in Calhoun County used for this study

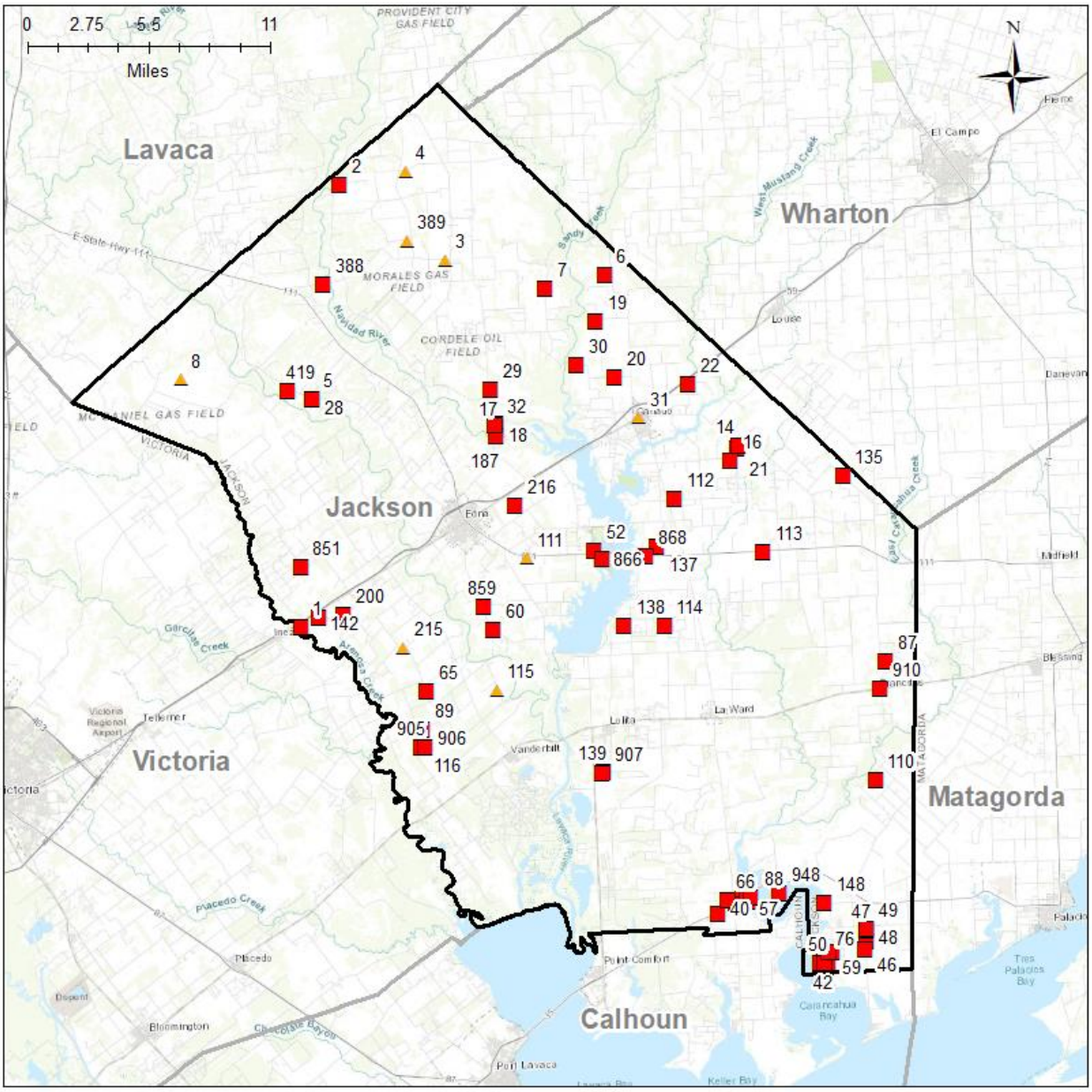



Figure 2-4 Location and INTERA IDs for water wells in Jackson County used for this study

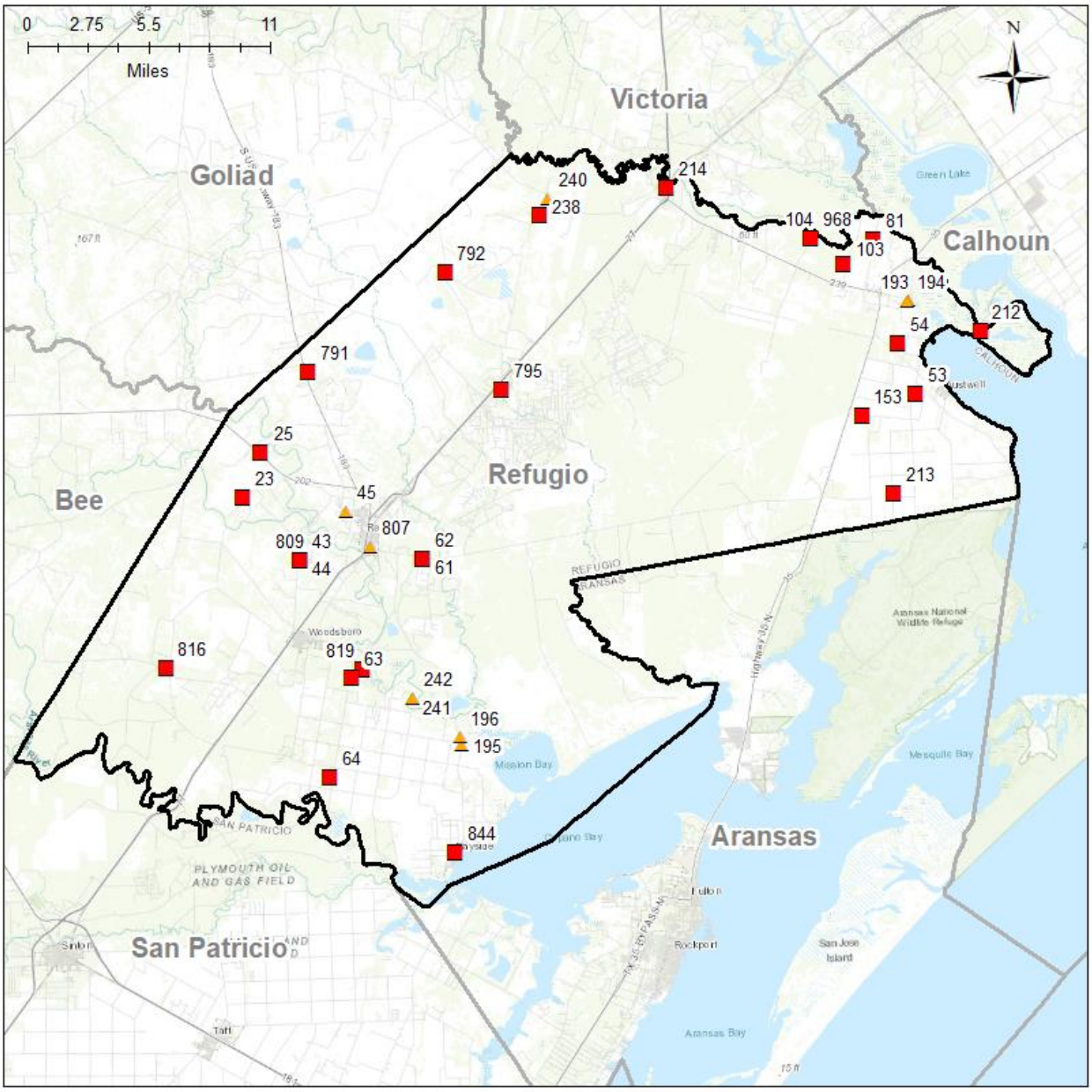



Figure 2-5 Location and INTERA IDs for water wells in Refugio County used for this study

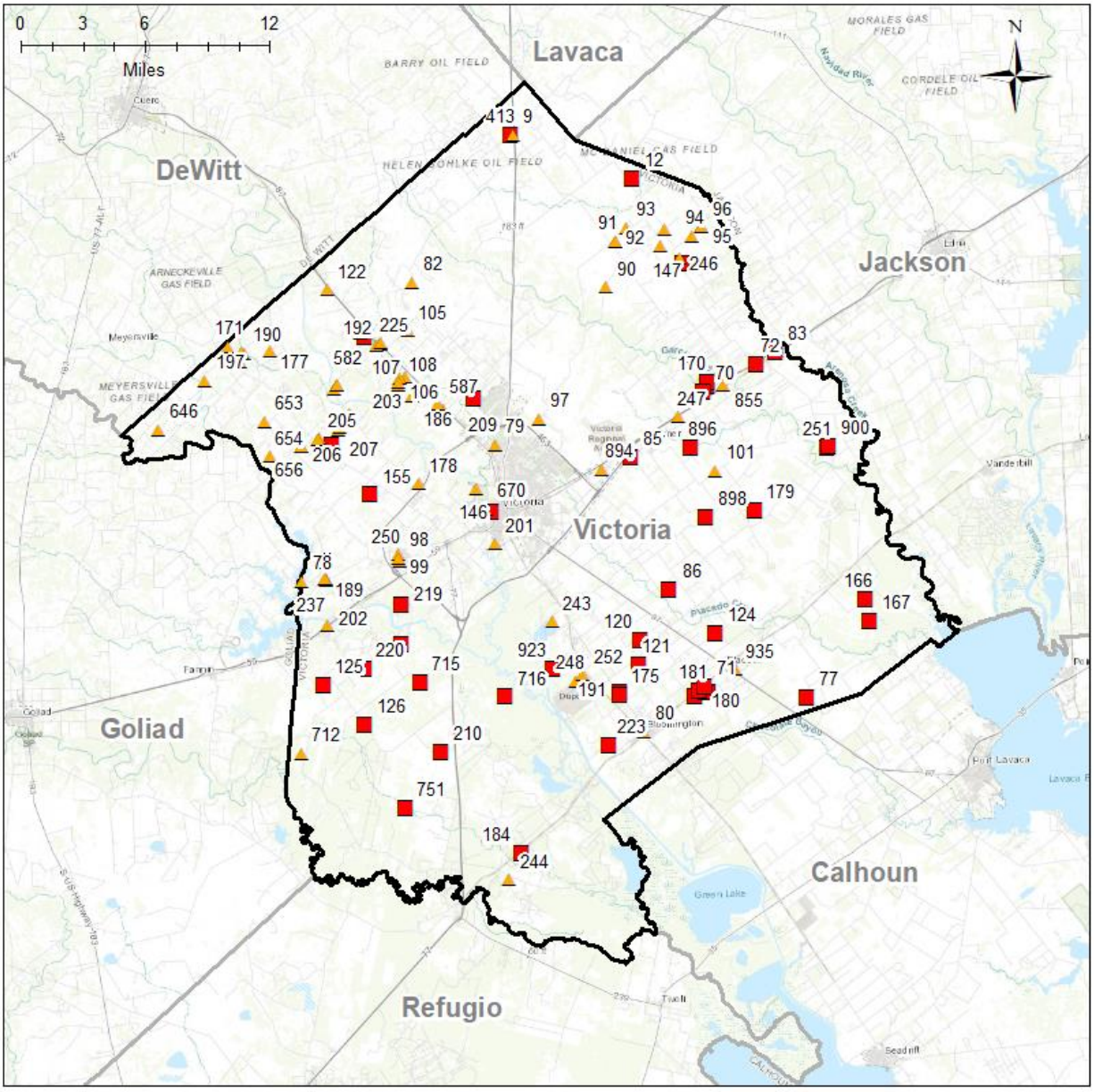



Figure 2-6 Location and INTERA IDs for water wells in Victoria County used for this study

# 3.0 GEOSTATISTICAL APPROACH FOR INTERPOLATION

## 3.1 Spatial Interpolation

When making decisions involving aquifer data across one or more counties, GCDs generally lack the resources to establish a robust monitoring network of adequate spatial and temporal resolution. As a result, there is a need for GCDs to find reliable and technically defensible approaches to interpolate water levels to answer questions associated with changes in aquifer conditions over time. Interpolation techniques can be classified as one of two types: deterministic or geostatistical. Deterministic methods rely on using mathematical equations with fitting parameters to generate values at unsampled locations. Examples of deterministic functions are spline interpolation routines, which apply smoothing and inverse distance routines based on the extent of data set similarity. Geostatistical methods rely on using both statistical correlations and mathematical methods to generate values an unsampled locations. The most common geostatistical interpolation method is Kriging. Kriging algorithms are rooted in the principles of spatial autocorrelation, which quantifies the correlation between variables relative to varying spatial extents (distance). As a general rule, if the variable of interest does exhibit spatial correlation, then application of geostatistical methods would provide a relatively robust and viable option for interpolation compared to deterministic methods.

## 3.2 Geostatistical Techniques

Statistics is the science of collecting, pooling, and making inferences from quantitative data. Geostatistics is the branch of science that focuses on geoscientific data. Geostatistics attempts to quantify the spatial relationship between data and the uncertainty in that relationship. The first notable papers on geostatistics were generated in the 1950s by Georges Matheron, who was working for the French Geological Survey on estimating ore resources.

### 3.2.1 Semivariogram

The semivariogram plays a central role in the analysis of geostatistical analysis and Kriging, which is the most common geostatistical interpolation method. The semi-variogram is a measure of the spatial continuity of the data and how quickly the data values change on the average. **Figure 3-1** provides a schematic of a semivariogram.

Conceptually, a semivariogram shows how the semivariance (i.e. half of the variance) of the data changes with an increase in the distance between the paired data values. In geostatistics, the distances between paired data at which the semivariance is calculated are called lags. For instance, if the lag is set at 100 ft, then the bins for which semivariances would be calculated at 100 ft, 200 ft, 300 ft, 400 ft, etc., Because points may not be spaced exactly at distances at intervals of 100 ft apart, the lag settings include a lag tolerance value that is typically set to half of the distance between lags. For the previous example, that would mean that the first lag of 100 ft would include all pairs of points that are between 50 and 150 ft from each other.

In general, two observations closer together are more similar than two observations further apart. The underlying reason for generating a semivariogram is to characterize the spatial correlation between data points. There are two types of semivariogram: experimental and theoretical. The experimental semivariogram is constructed based on the analysis of the field data, which is expressed by the dots in Figure 3-1. The theoretical semivariogram is generated by fitting a semivariogram model to the data, which is shown by the black line in Figure 3-1.

Introductions to semivariogram modeling and geostatistics are found in literature such as Isaaks and Srivastava (1989), American Society of Civil Engineers (1990), and Kitanidis (1997). The mathematical foundation and derivation of the semivariogram are beyond the scope of this report. The experimental variograms that will be calculated later in this report for water elevations is based on **Equation 3-1**.

$$\Upsilon(\boldsymbol{h}) = \frac{1}{2N(\boldsymbol{h})} \sum_{i=1}^{N(\boldsymbol{h})} [\boldsymbol{z}(\boldsymbol{u}_\mathrm{i}) - \boldsymbol{z}(\boldsymbol{u}_\mathrm{i} + \boldsymbol{h})]^2 \qquad \textit{Eq 3-1}$$

Where:

- $\Upsilon(\mathbf{h})$ = semivariance as a function of lag distance h, ($ft^2$)
- $\mathbf{h}$ = the lag spacing vector (ft)
- $\boldsymbol{z}(\boldsymbol{u}_\mathrm{i})$ = the elevation water level (ft) at spatial location $\boldsymbol{u}_\mathrm{i}$,
- $\boldsymbol{u}_\mathrm{i}$ = a vector of spatial coordinates (x,y) for the sample locations of each measured water level

The experimental variogram must be modeled for two reasons: (1) there is a need to interpolate the variogram function for h values where too few or no experimental data pairs are available, and (2) the variogram measure γ(h) must have the mathematical property of "positive definiteness" for the corresponding covariance model. The three most commonly used theoretical variogram models are Gaussian, exponential, and spherical. The theoretical variogram has three attributes that summarize important aspects of the spatial data. These three attributes are described in Figure 3-1 and below.

- **Range –** the maximum distance between points up to which there is information on the correlation/spatial relationship between two data points.
- **Sill –** the sample variance, which is a measure of the spread or variability in the data points that are not correlated.
- **Nugget Effect –** reflects measurement error and the discontinuity in the variogram at distances below the minimum lag distance

### 3.2.2 Kriging

Kriging is a geostatistical interpolation technique that considers both the distance and the degree of variation between known data points when estimating values in unknown areas. Kriging accounts for the degree of variation, or spatial correlation, among the data points through a semivariogram model. The basic idea of Kriging is to predict the value of a function at a given point by computing a weighted average of the known values of the function in the neighborhood of the point.

Kriging is named for Dr. Krige, who published an early (Krige, 1951) application of kriging to the estimation of the extent and volume of a mineral ore body. Kriging methods have been studied and applied extensively since 1970 and have been adapted, extended, and generalized. There are many forms of Kriging. The different forms of Kriging are detailed in Goovaerts (1997). The most commonly used forms of Kriging include: simple Kriging, ordinary Kriging, universal Kriging, cokriging, and Kriging

with external drift. Ordinary Kriging is among the most commonly used types of Kriging and is the basis of geostatistics (Ryu and others, 2002). Ordinary Kriging gives the optimal prediction under the assumption of second-order stationary, a normal distribution for the modeled variable, and the absence of any trend in the data. By optimal prediction, what is meant is that Kriging provides the best linear unbiased prediction at unsampled locations and reproduces the measured values at all sampled locations exactly.

A concern with using ordinary Kriging to interpolate water level data is how best to account for the trends in the water level data. The existence of trends is evident in **Figure 3-2**, which shows contours of groundwater levels simulated by the GMA 15 GAM for the Chicot Aquifer. Among the causes for trends in the water level data is large regional effects associated with flow toward the ocean and moderate regional effects associated hydraulic impacts from rivers, lakes, and large well fields. The process to account for a trend in the data consists of six steps which are described below and are illustrated in **Figure 3-3**. The example application described in Figure 3-3 is for annual precipitation amounts measured across Texas (Gimond, 2021).

Step #1 - Assemble and inspect the data for evidence of a trend.

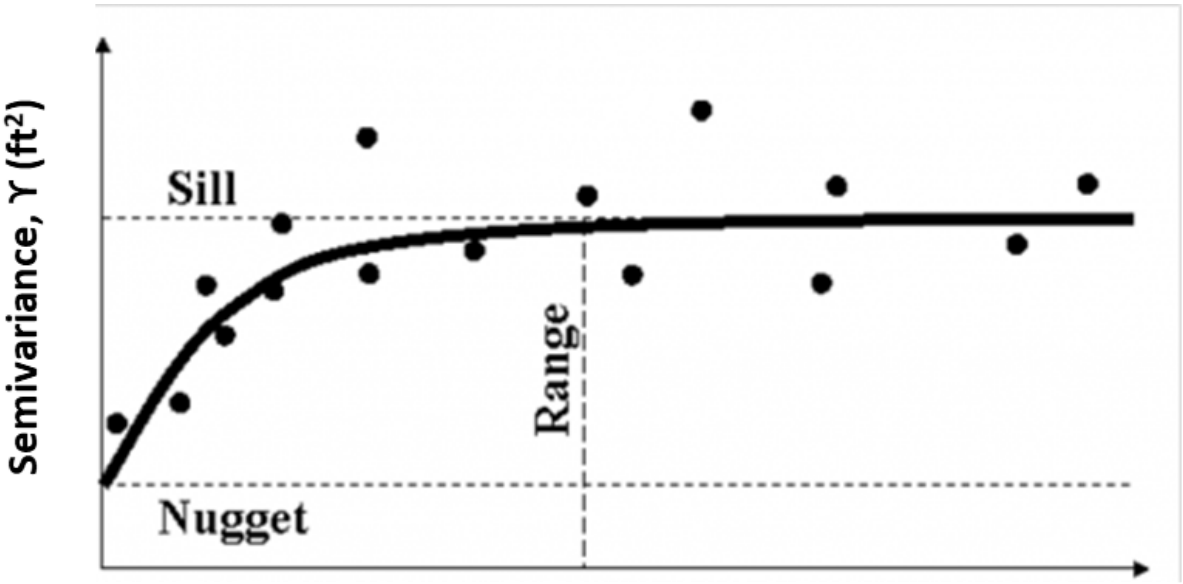
Step #2 – Develop a trend surface based on fitting the data and a conceptual understanding of the factors responsible for the trend.

Step #3 – Calculate the residual at each data location. A residual is the difference between the measured value and value produced by the trend at the location of the measured data. Check whether the set of calculated residuals are normally distributed. If the residuals do not resemble a normal distribution, then repeat Step #2.

Step #4 – Construct an experimental and a theoretical semivariogram for the set of residuals.

Step #5 – Krige the residuals to produce a continuous surface across the area of interest.

Step #6 – Combine the trend surface and the Kriged surface to generate the final surface.




● values calculated from the data points and used to construct the experimental semivariogram

▬ theoretical variogram

**Range –** the maximum distance between points up to which there is information on the correlation/spatial relationship between two data points

**Sill –** the sample variance, which is a measure of the spread or variability in the data points that are not correlated

**Nugget Effect –** reflects measurement error and the discontinuity in the variogram at distances below the minimum lag distance

Figure 3-1 Schematic of a experimental and theoretical semivariogram

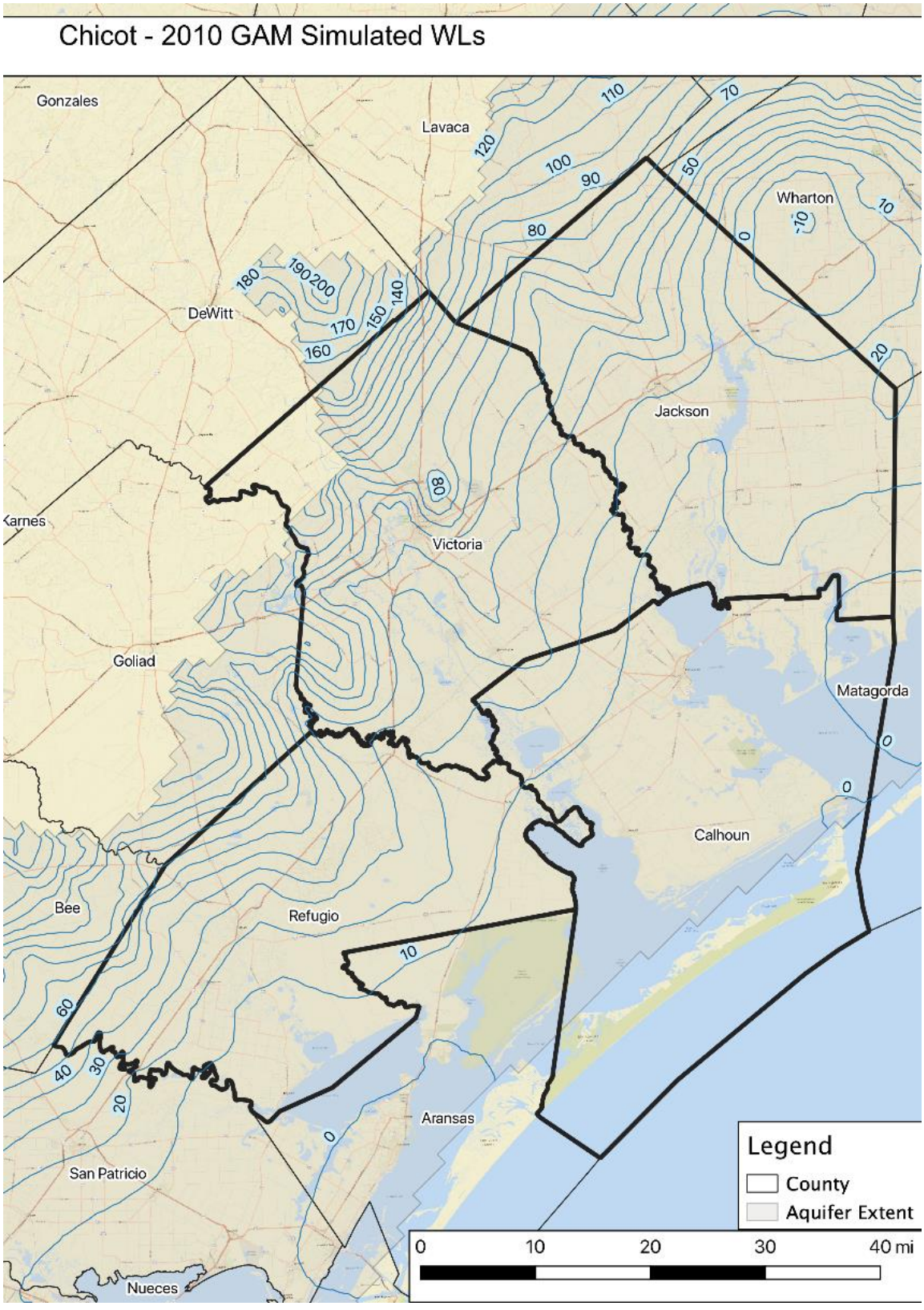



Figure 3-2 Contours of 2010 groundwater levels simulated by the GMA 15 GAM for the Chicot Aquifer

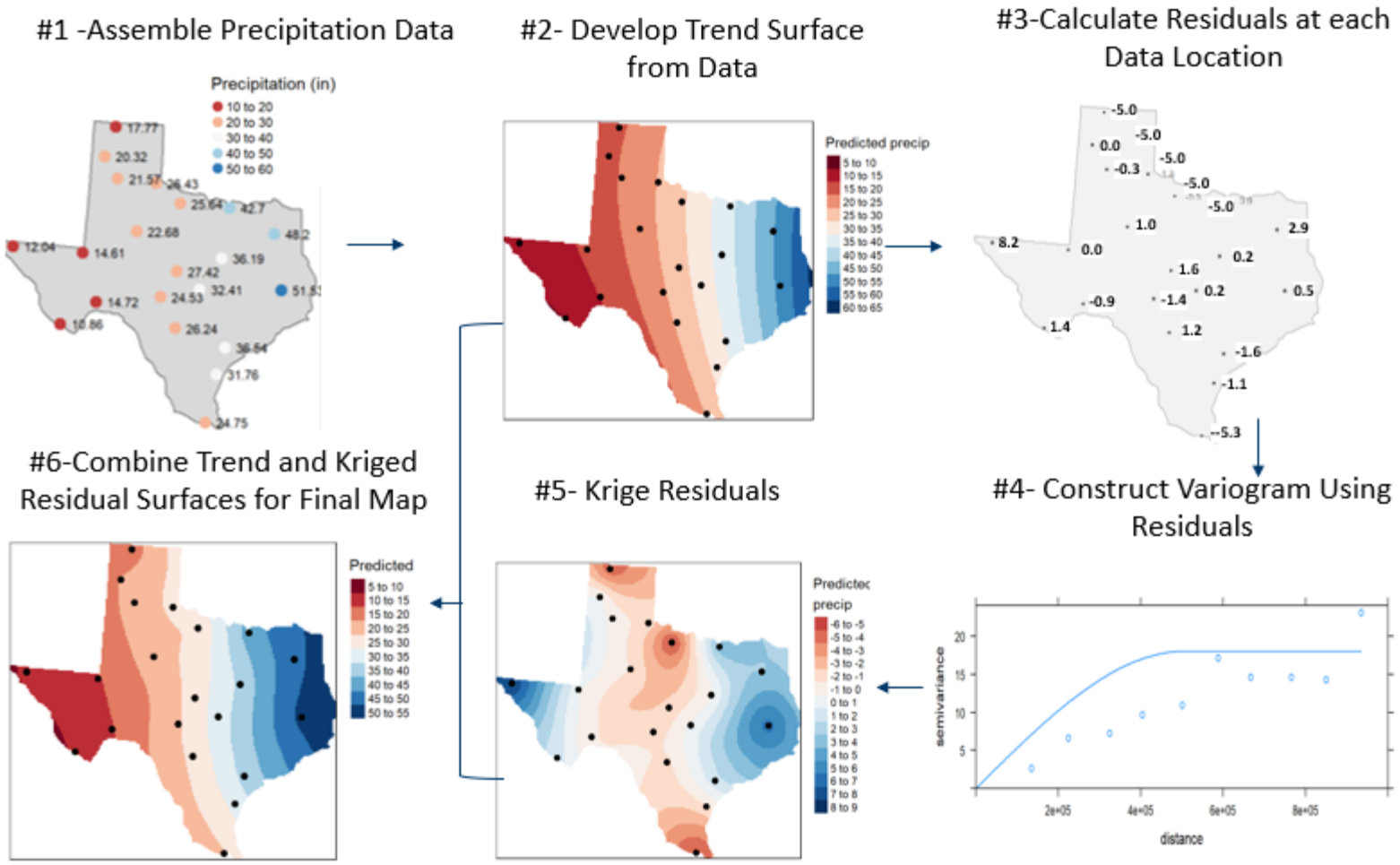



Figure 3-3 Workflow showing the a six-step process for using ordinary Kriging in develop a continuous surface for a data set that contains a trend

# 4.0 APPLICATION OF KRIGING WITH DETRENDING TO GENERATE WATER LEVEL MAPS

This section presents application of detrending and ordinary Kriging to interpolate measured water levels and to generate yearly water level maps for 2000 to 2020. The section documents the process of detrending the measured water levels, calculating the water level residuals, creating experimental variograms and fitting them to theoretical variogram models, Kriging the water level residuals, and constructing the final water level maps.

## 4.1 Detrending Approach

An inspection of Figure 3-2 shows evidence that the water levels simulated by the GAM contains trends at several different spatial scales. The trends are evident in the gradual decrease in elevation of the contours in the southeast direction toward the ocean, the distortion in water levels contours near large rivers such as the Guadalupe River in Victoria County and Lavaca River in Jackson County, and the cones of depression (i.e. circular contours) caused by pumping from large well fields near the City of Victoria and in southeast Wharton County.

Our review of the simulated waters for multiple years indicates that there are mathematical equations that can be used to detrend the data. Among the concerns associated with detrending the water levels using an inappropriate surface is that biases would be introduce into the residuals because the equations are not properly capturing the physics responsible for the underlying trends. Our assessment of the water level data found that the best tool for generating possible surfaces to detrend the measured water levels was the central Gulf Coast GAM (Chowdhury and others, 2004). The version of the GAM used for the study was obtained from Mr. Mike Keester from LRE Water, who is the consultant for GMA 15 that is developing GAM runs for the joint planning process. Because the GAM is known not to be the perfect predictor of the impacts of surface water features and pumping on water levels, there is a concern of introducing biases into the detrending process if the GAM-simulated water levels were used without some tempering to help to minimize bias into the water level residuals. Several options were investigated for spatially smoothing the simulated water levels.

The software selected for smoothing the GAM simulated water is part of SciPy (Virtanen and others, 2021). SciPy is a free and open-source Python library used for scientific computing and technical computing. The smoothing function is call “ndimage” and part of the class called “uniform_filter”. Ndimage is a type of moving average filter that smooths in two dimensions (northing and easting). After multiple iterations using Ndimage, a smoothing interval of 64,000 ft was selected. **Figures 4-1** and **4-2** shows the effect of this smoothing interval on the GAM simulated water levels for 2015 in the Chicot and Evangeline aquifers. The criteria used to select the interval of 64,000 ft include visual changes in the water level contours and a statistical evaluation of the residual for normality.

## 4.2 Water Level Residuals

**Figures 4-3** and **4-4** illustrate the process of detrending the measured water levels to create the water level residuals. Figure 4-3a shows the location of the 2015 measured water levels superimposed onto the smoothed GAM simulated water levels for 2015. Figure 4-3b shows the calculated water level residuals at each of the well locations. Figure 4-4 shows the similar data sets for the smoothed GAM simulated water levels and measured water levels for the Evangeline Aquifer in 2015.

The method used to generate the water level residuals in **Figures 4-3** and **4-4** was used to calculate water level residuals for the years 2000 to 2020. Each set of annual water level residuals by aquifer was checked for normality using three criteria. One criterion was visual inspection of the histograms of water levels; residuals are compared to a normal distribution based on the mean and standard deviation of the water level residuals. The visual inspection was to assess whether or not the histogram mimics the shape and magnitude of the bell-shaped curve. **Figure 4-5** shows an example of this comparison using the 2015 water levels residuals. These figures provided useful information for identifying outliers that could impact a quantitative analysis of normality. Another criterion was visual inspection of the probability plots of the empirical cumulative density function (CDF) to the theoretical CDF for the water level residuals. The visual inspection was to assess whether or not the plotted points approximated a straight line, where the empirical and theoretical CDFs are equal. These figures provide useful information on whether there were any meaningful shifts in the distribution away from normality. **Figure 4-6** shows an example of this visual test for normality using the 2015 water levels residuals. The last criterion was to use the Liffiefors test (Liffiefors, 1967) for normality based on the Kolmogorov-Smirnov test.

The Liffiefors test provides a quantitative assessment of normality. The test evaluates the null hypothesis that data derive from a normally distributed population, when the null hypothesis does not specify the expected value and variance of the distribution. The Liffiefors test evaluated the likelihood that the data set was generated from a random distribution at the 95% confidence limit. The majority of both the Chicot and the Evangeline residual data sets passed the Liffiefors test for normality at the 95% confidence limit without any adjustments. All of the residual data sets passed the Liffiefors test at the 95% confidence limit after several of the largest residuals were removed. The average of one residual value needed to be removed per data set for all 42 data sets to pass the Liffiefors test for normality at the 95% confidence limit. The 42 data sets are comprised of 21 data sets for the Chicot Aquifer and 21 data sets for the Evangeline Aquifer. Based on results from both the visual inspections and from the Liffiefors tests, the water level residuals data sets were considered to approximate a normal distribution.

## 4.3 Semivariogram analysis

Semivariogram analyses were performed on all 42 water level residual data sets. The lag distance was set to 25,000 ft (4.7 miles) and the maximum distance was set to 450,000 ft (85.2 miles). The total number of bins was 18. All the experimental semivariograms were fitted to a spherical theoretical variogram. **Figures 4-7** and **4-8** show the experimental (points) and theoretical (lines) variograms water level residuals for the Chicot and Evangeline aquifers for six of the 21 annual data sets (e.g., 2000 through 2020). The median value for the range, which is the maximum distance at which the residuals

are no longer spatially correlated, for the 21 variograms for the Chicot Aquifer is about 190,000 ft (36.0 miles). The media value for the range for the 21 variograms for the Evangeline Aquifer is about 430,000 ft (81.4 miles).

## 4.4 Final Map of the Water Levels

Ordinary Kriging was used to interpolate the water level residuals for the years 2000 through 2020 for both the Chicot and the Evangeline aquifers. The semivariograms developed in section 4.3 were used to determine the weight assigned to the sampled locations. The Kriging was implemented in **R**. **R** is a programming language and free software environment for statistical computing and graphics supported by the R Foundation for Statistical Computing. The interpolation generated a raster composed of pixels measuring 1,000 by 1,000 ft. **Figures 4-9** and **4-10** show examples of the Kriged surfaces. Figure 4-9 shows contours of the Kriged values and the location of the water level residuals at the sampled locations for the Chicot Aquifer in 2015. Figure 4-10 shows contours of the Kriged values and the location of the water level residuals at the sampled locations for the Evangeline Aquifer in 2015.

The final map of for the Kriged water levels were constructed by combining the surface of the Kriged residuals with the trend surface, which is the smoothed GAM simulated water levels. **Figure 4-11** shows the process of adding together the surfaces for the Kriged water levels and the trend surface to create the final map of the 2015 Chicot water levels. **Figure 4-12** shows the process of adding together the surfaces for the Kriged water levels and the trend surface to create the final map of the 2015 Evangeline water levels.

**Figures 4-13** through **4-17** shows the final maps of the Kriged water levels for the years 2000, 2005, 2010, 2015, and 2020 for the Chicot and the Evangeline aquifers. Interpolated water levels are truncated at the boundaries of the aquifers defined in the GAM 15 GAM. The extent of the Chicot and the Evangeline aquifers are marked by shading the area corresponding to each aquifer. Although the interpolated water levels cover the 13 counties in Figure 2-1, the figures focused on an area containing Calhoun, Jackson, Refugio, and Victoria counties.

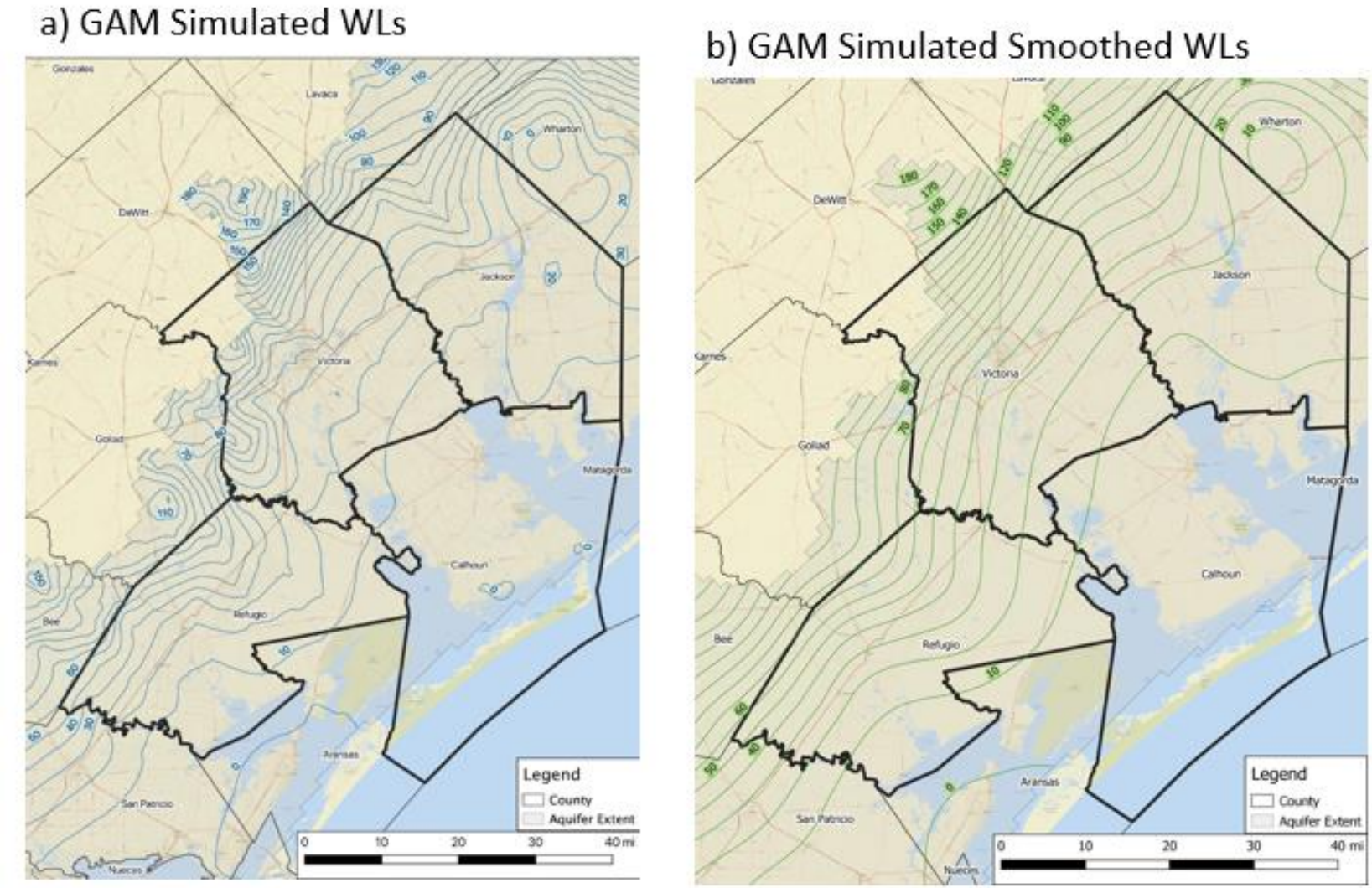



Figure 4-1 GMA simulated 2015 water levels for the Chicot Aquifer, a) actual values; b) smoothed using SciPy function ndimage with a distance of 64,000 feet

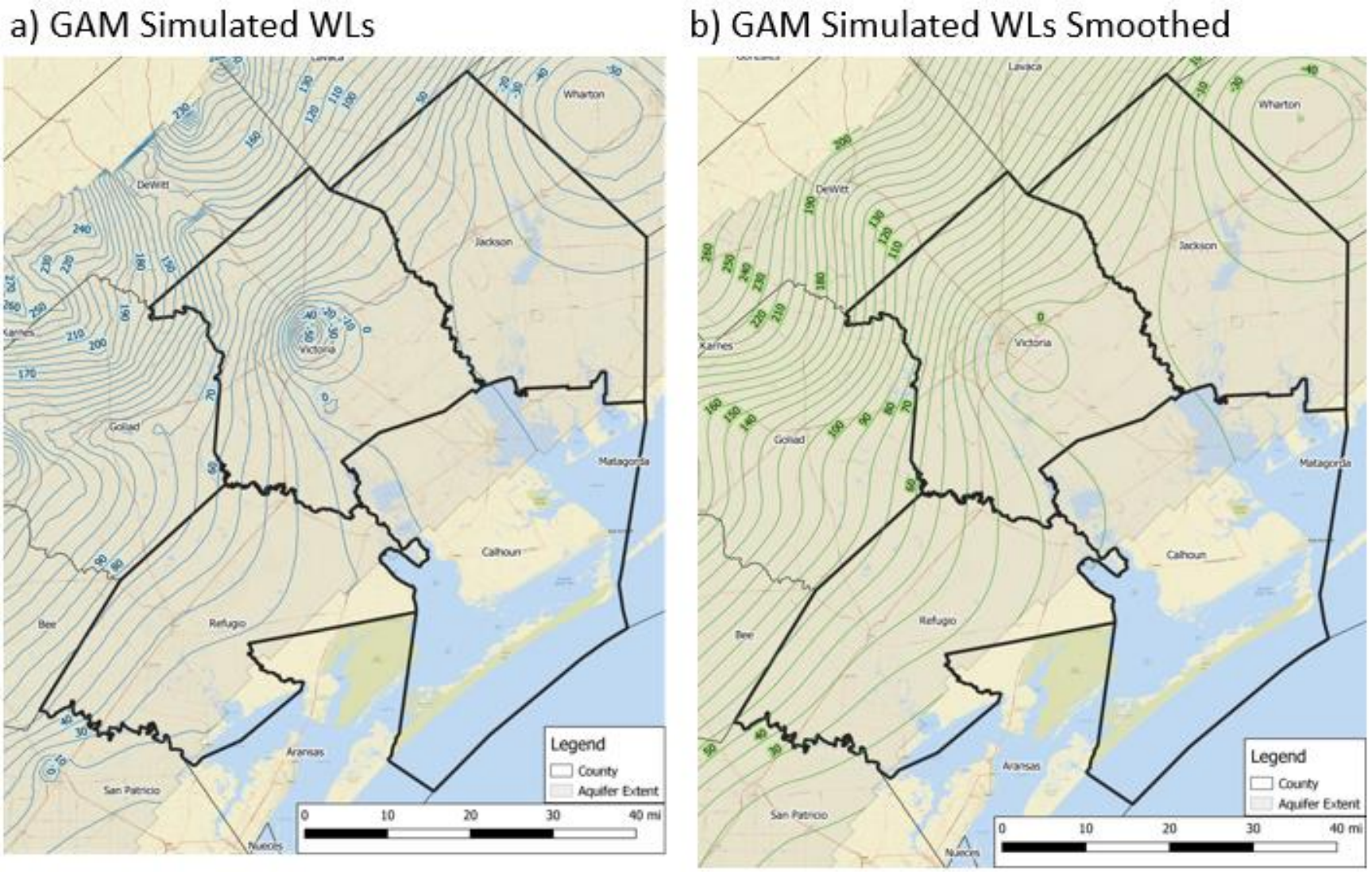



Figure 4-2 GMA simulated 2015 water levels for the Evangeline Aquifer, a) actual values; b) smoothed using SciPy function ndimage with a distance of 64,000 feet

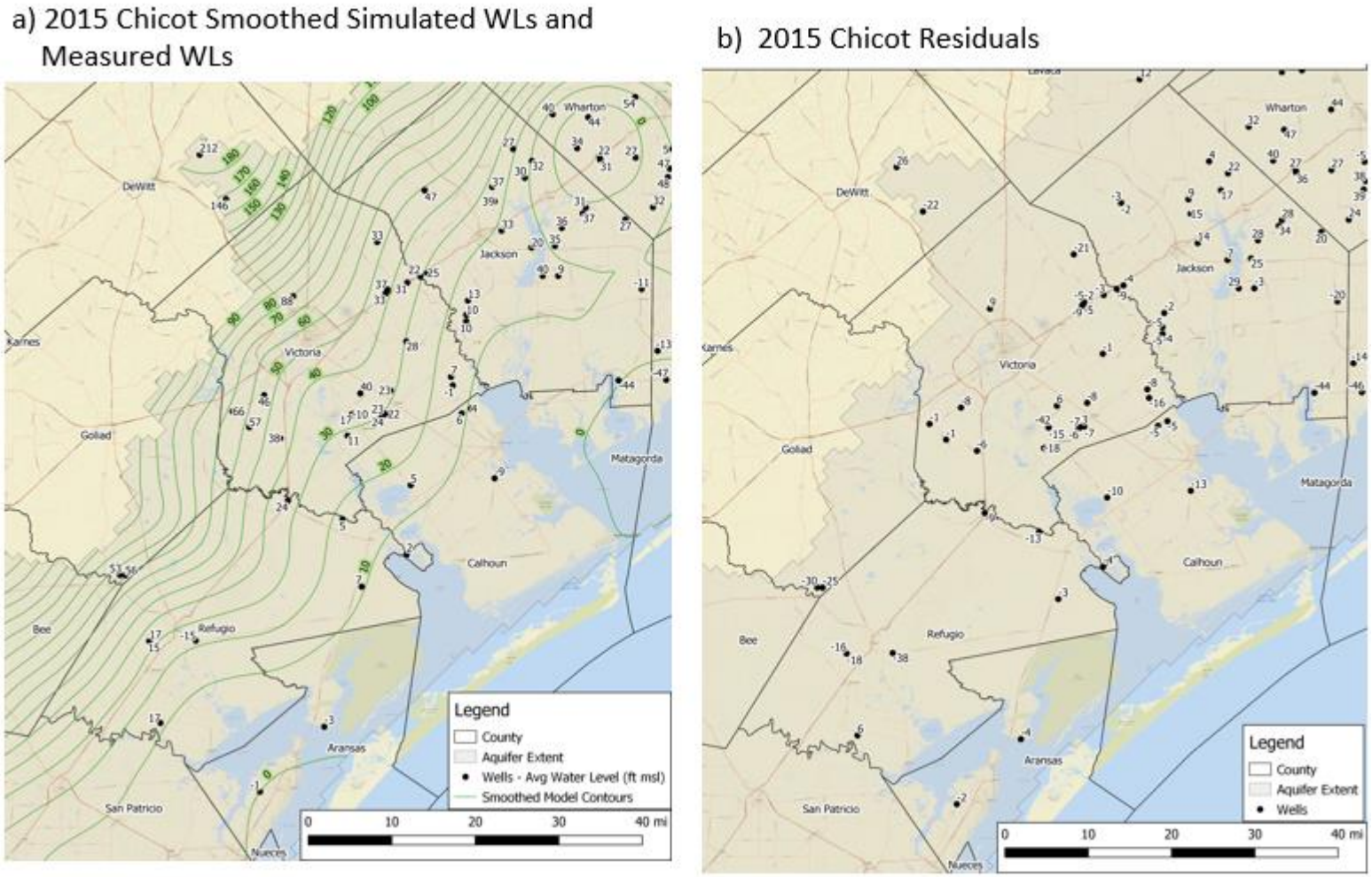



Figure 4-3 Example calculation of residuals Chicot Aquifer, a) 2015 smoothed simulated water levels and 2015 measured Chicot water levels; b) calculated 2015 Chicot residuals posted at well locations

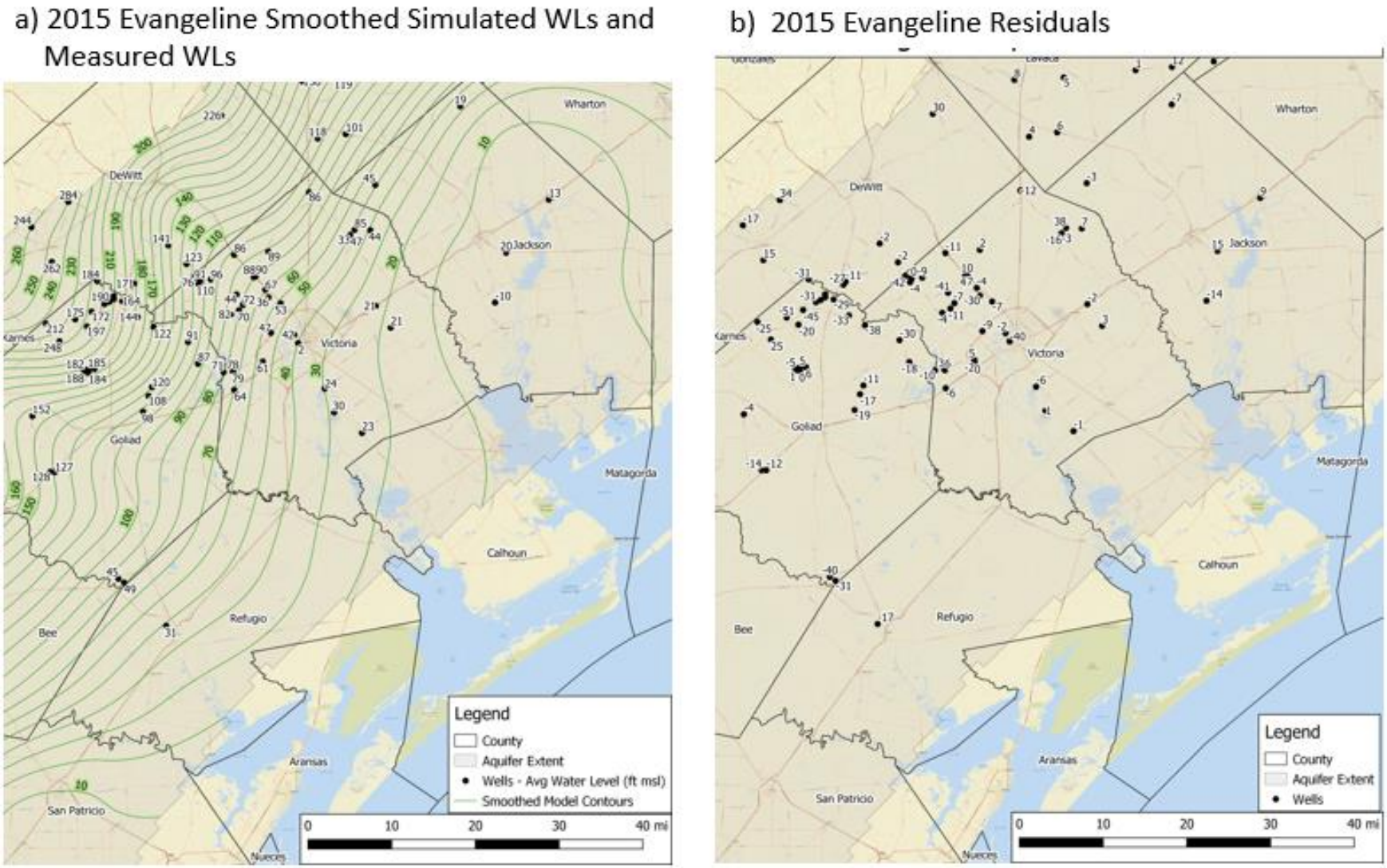



Figure 4-4 Example calculation of residuals Evangeline Aquifer, a) 2015 smoothed simulated water levels and 2015 measured Evangeline water levels; b) calculated 2015 Evangeline residuals posted at well locations

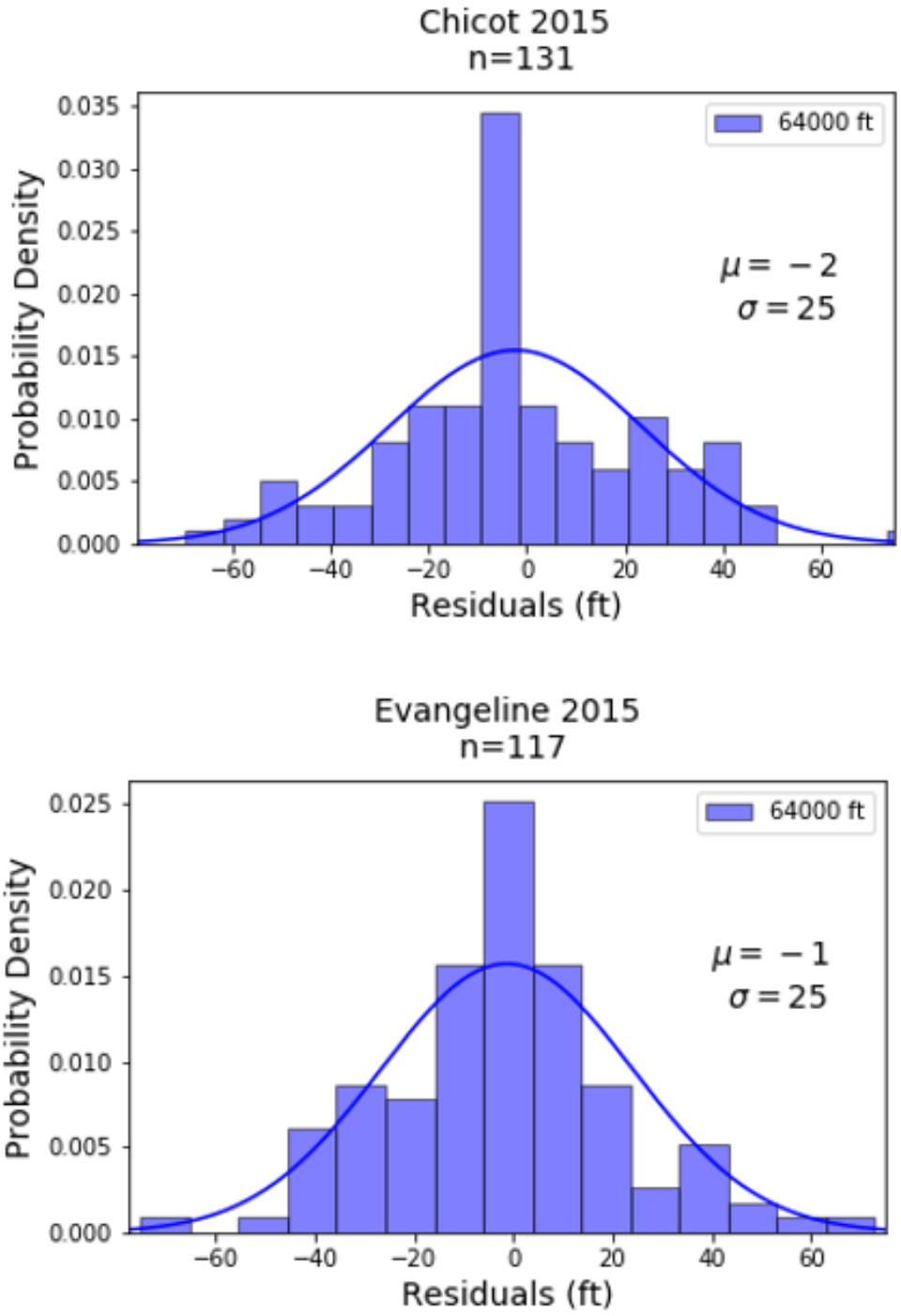



Figure 4-5 Histograms of 2015 water levels residuals for the Chicot and the Evangeline aquifers that are compared to a normal distribution based on the mean and standard deviation of the water level residuals

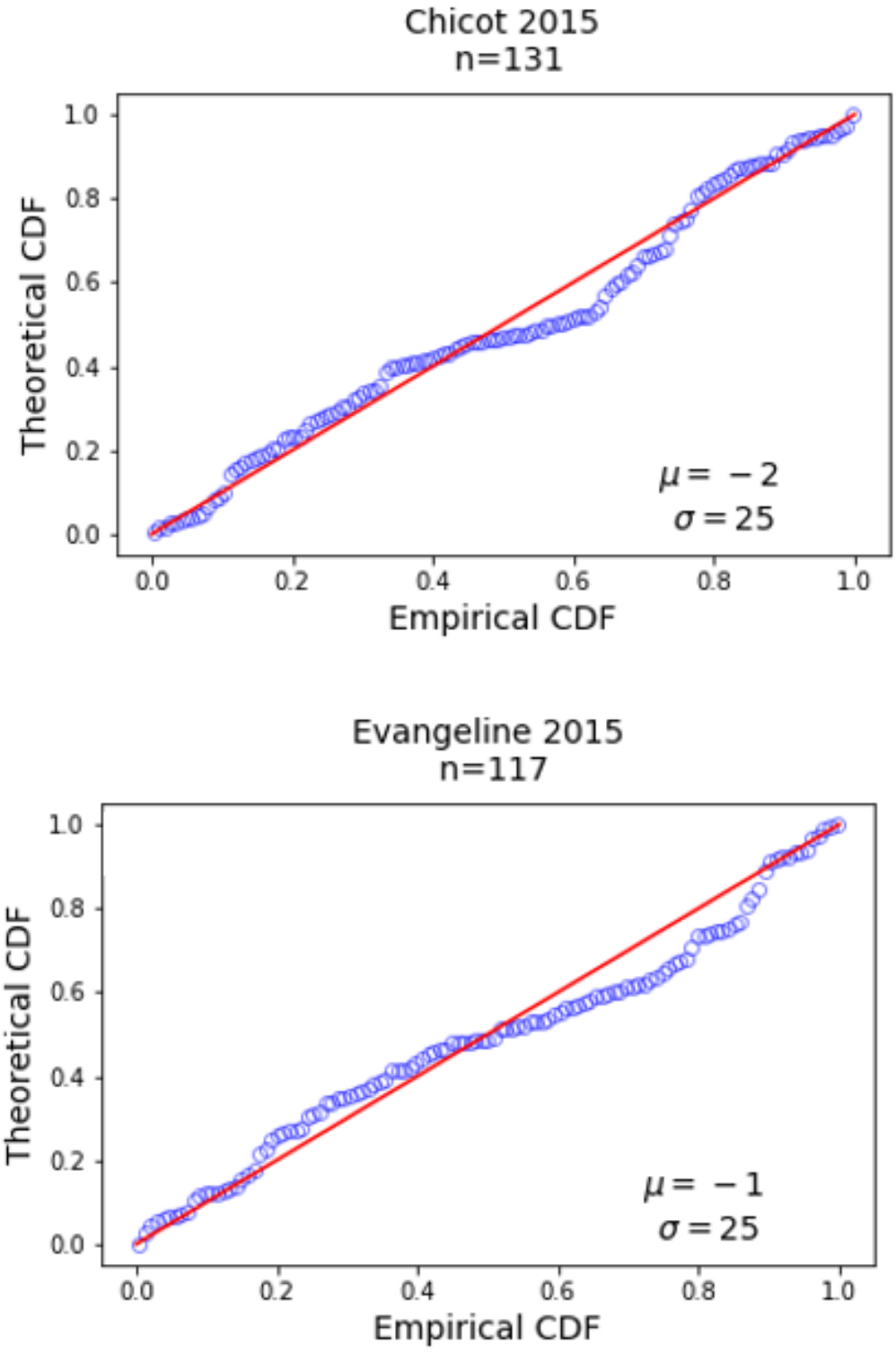



Figure 4-6 Probability plots of the 2015 water levels residuals for the Chicot and the Evangeline aquifers that compares the empirical cumulative density function (CDF) to the theoretical CDF

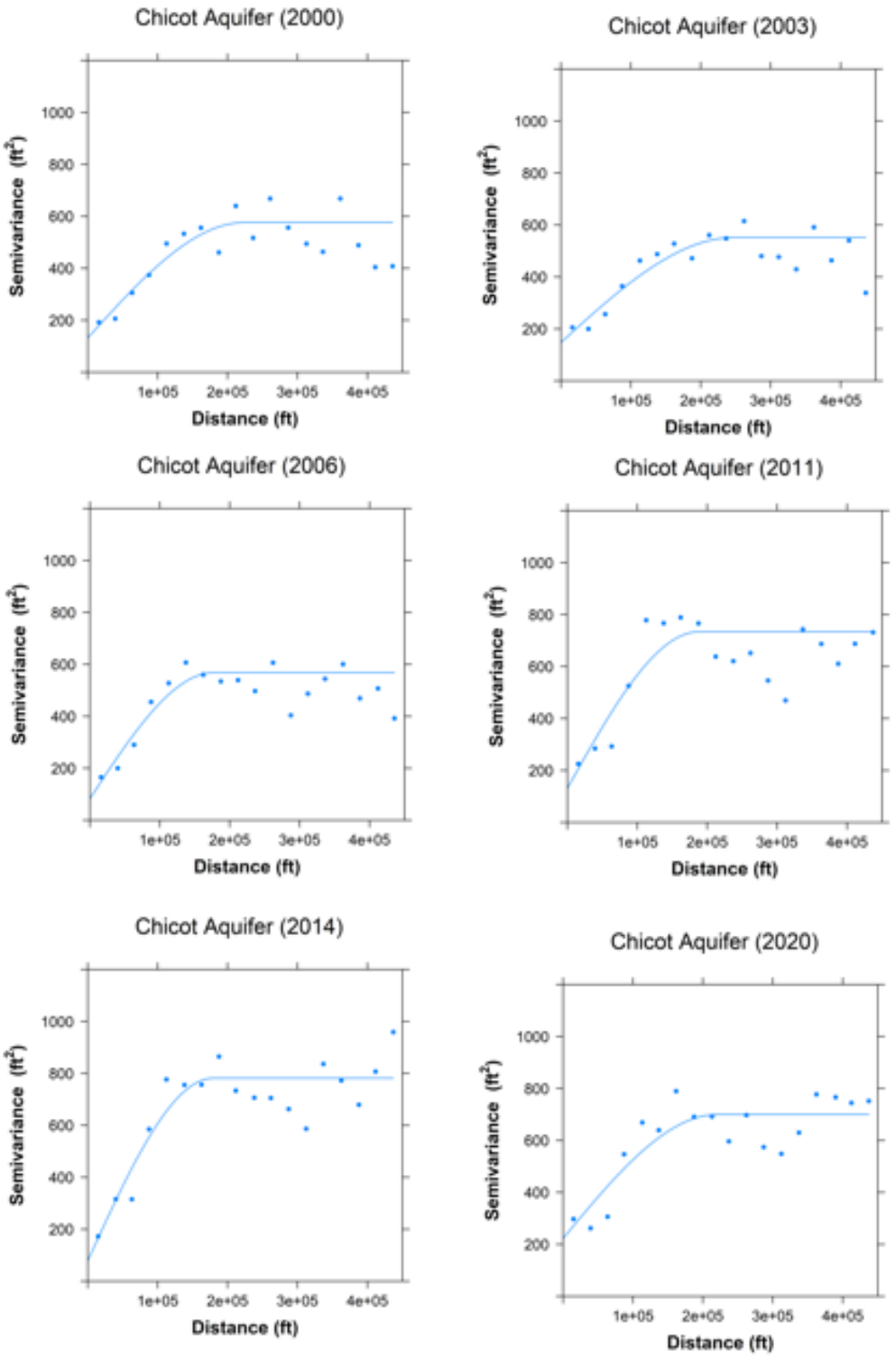



Figure 4-7 Experimental and theoretical spherical semivariogams for the residuals for 2000, 2003, 2006, 2011, 2014, and 2015 generated by detrending the measured groundwater levels in the Chicot Aquifer

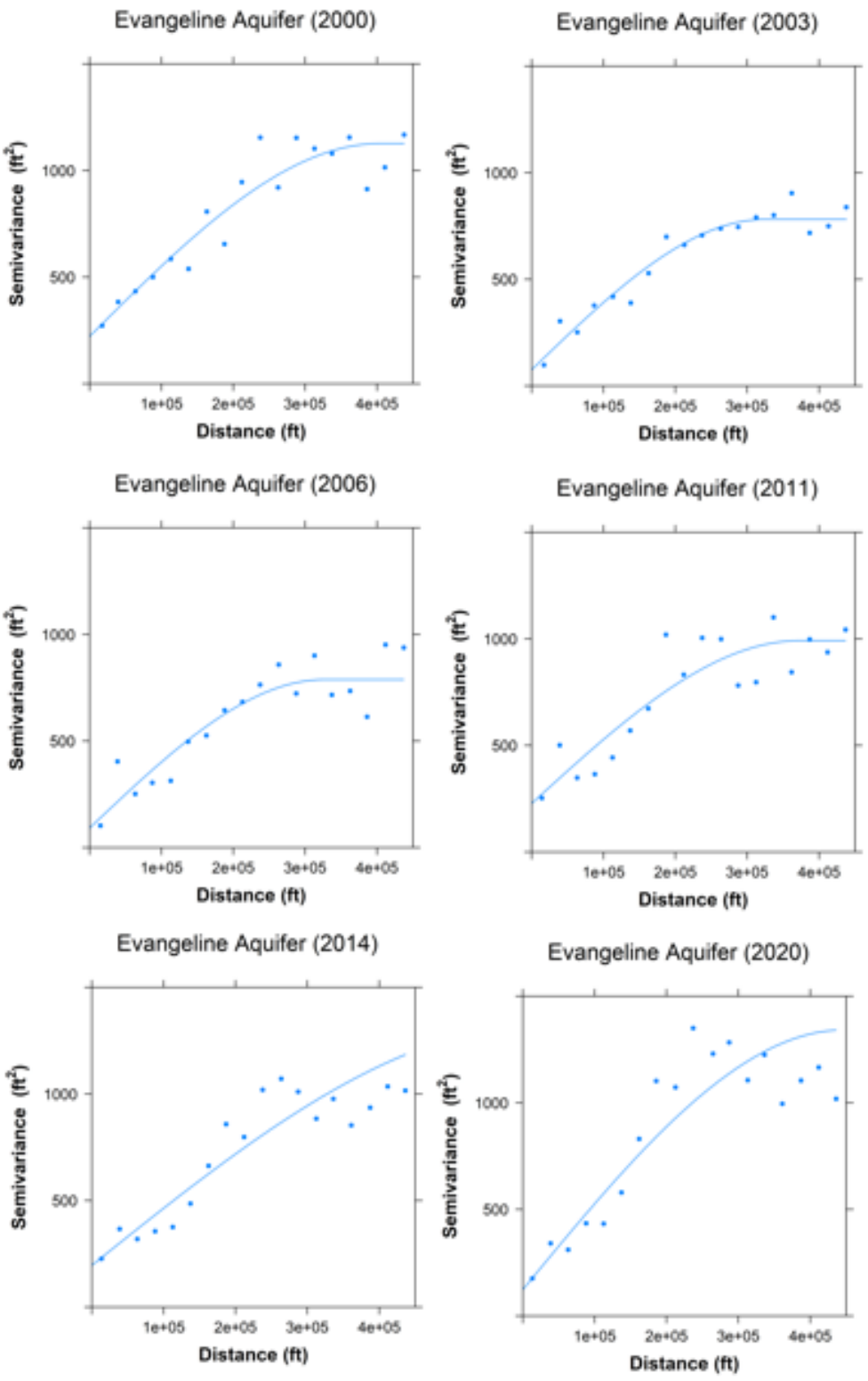



Figure 4-8 Experimental and theoretical spherical semivariogams for the residuals for 2000, 2003, 2006, 2011, 2014, and 2015 generated by detrending the measured groundwater levels in the Evangeline Aquifer

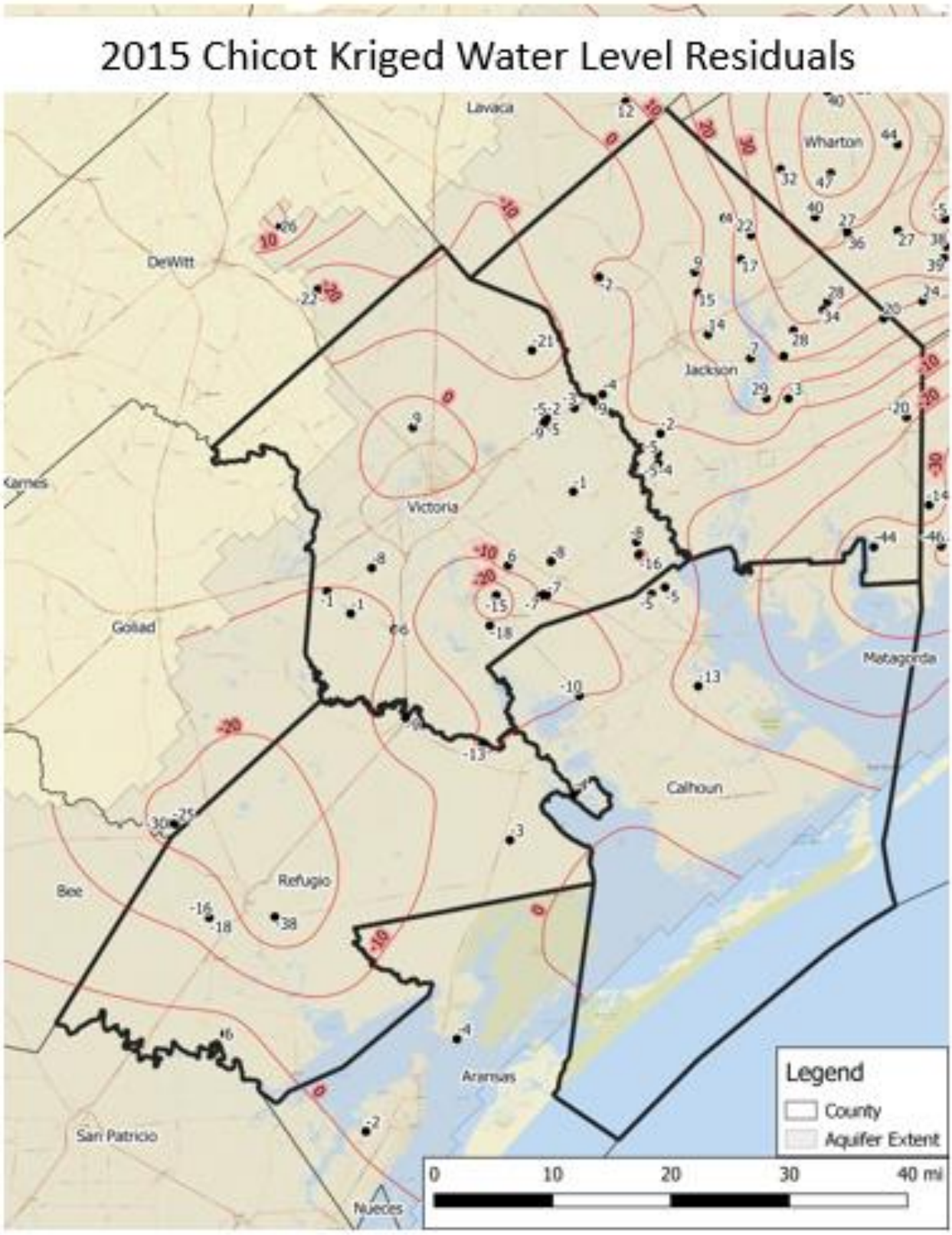



Figure 4-9 Contours for the Kriged 2015 water level residuals for the Chicot Aquifer

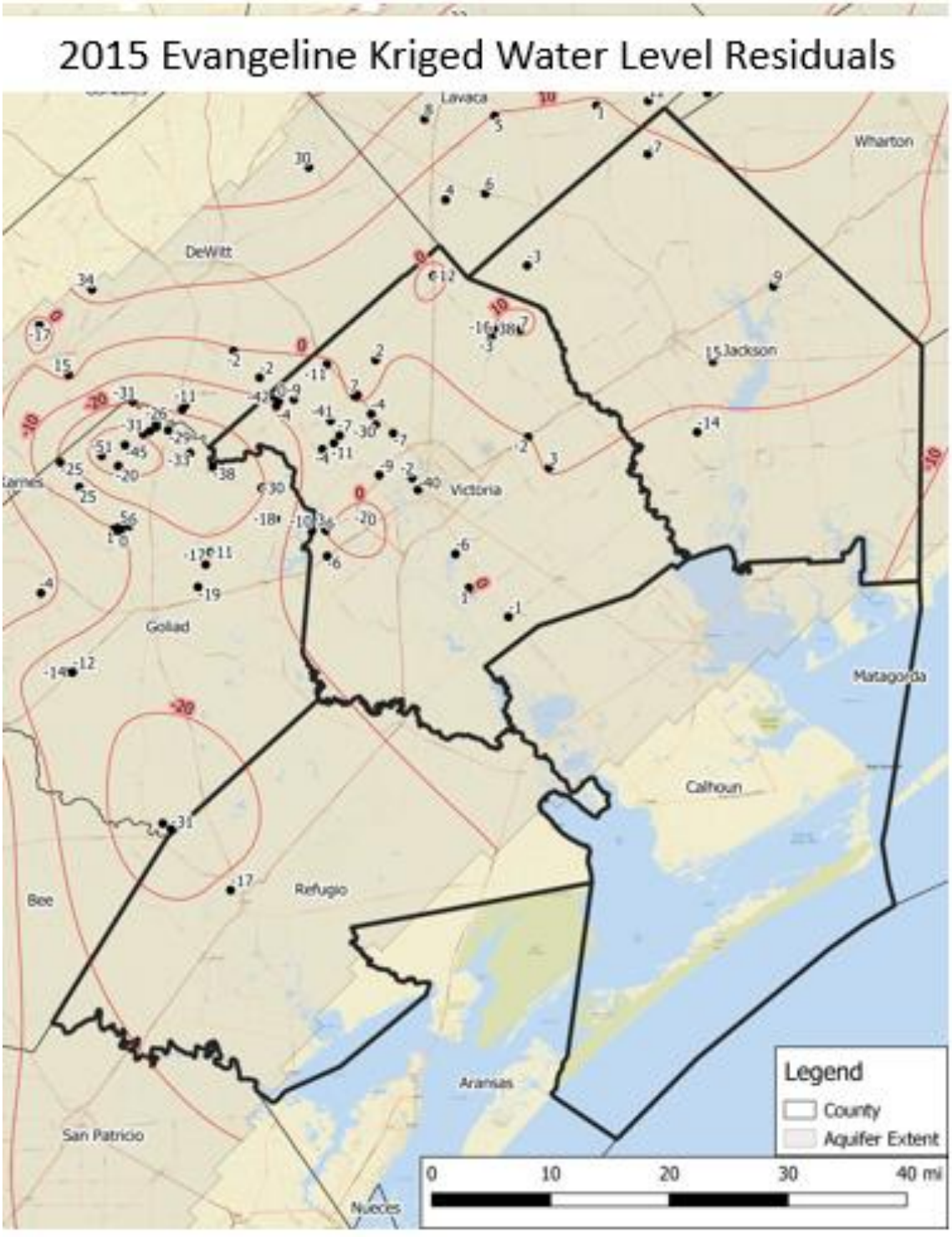



Figure 4-10 Contours for the Kriged 2015 water level residuals for the Evangeline Aquifer

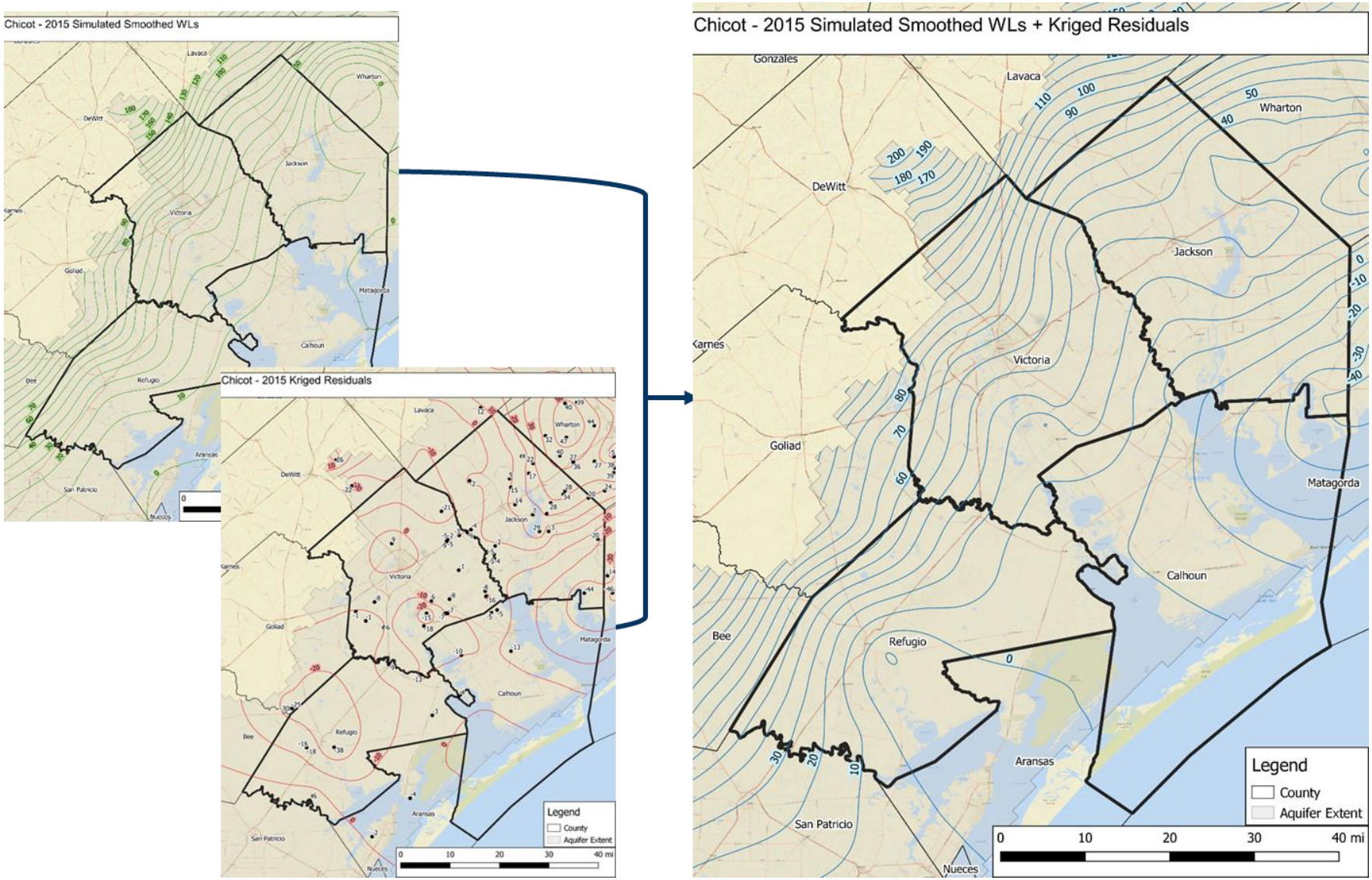



Figure 4-11 Combining the trend water level surface and the Kriged water level residual surface to produce the final surface for the 2015 Chicot water levels

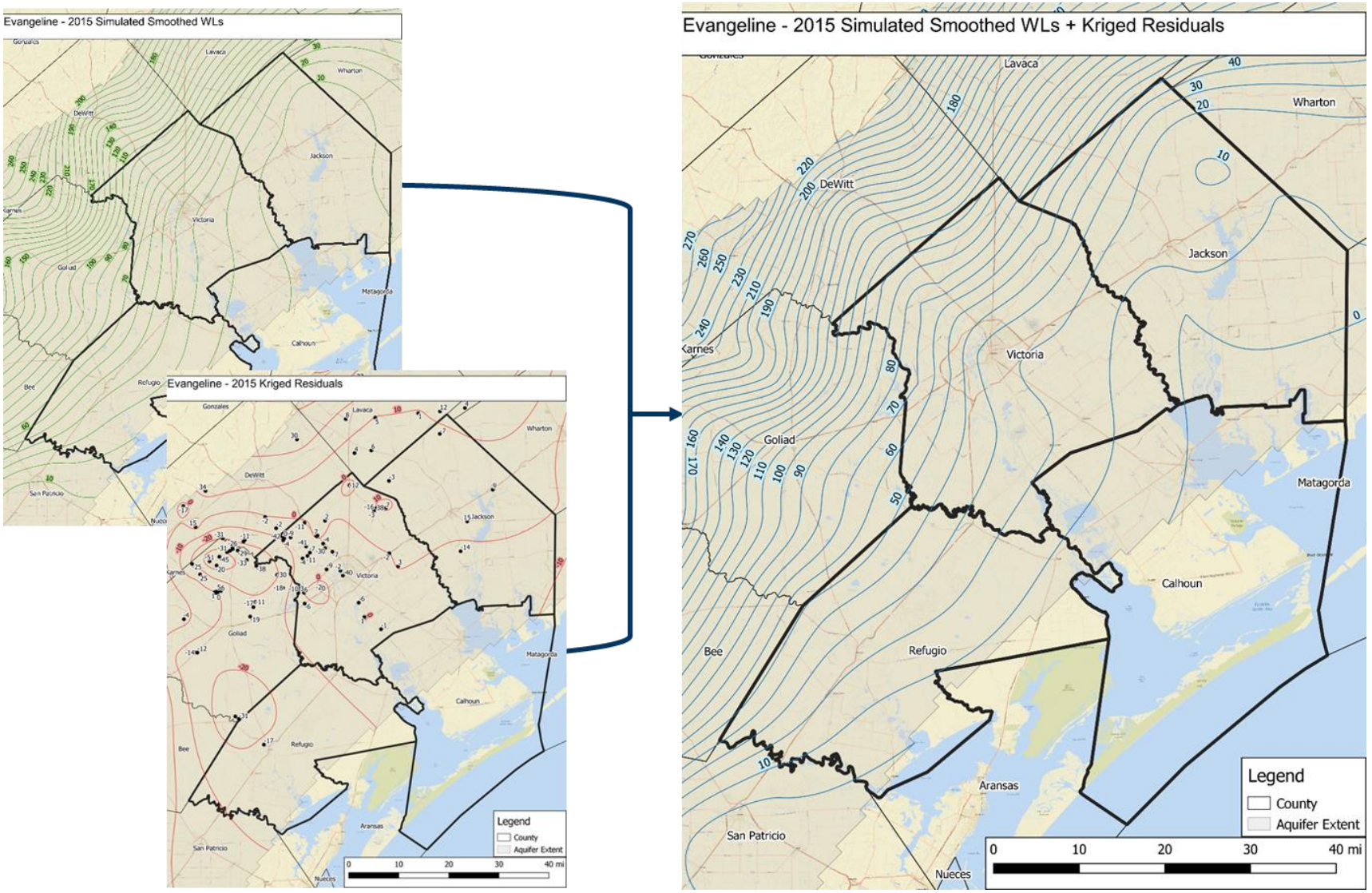



Figure 4-12 Combining the trend water level surface and the Kriged water level residual surface to produce the final surface for the 2015 Evangeline water levels

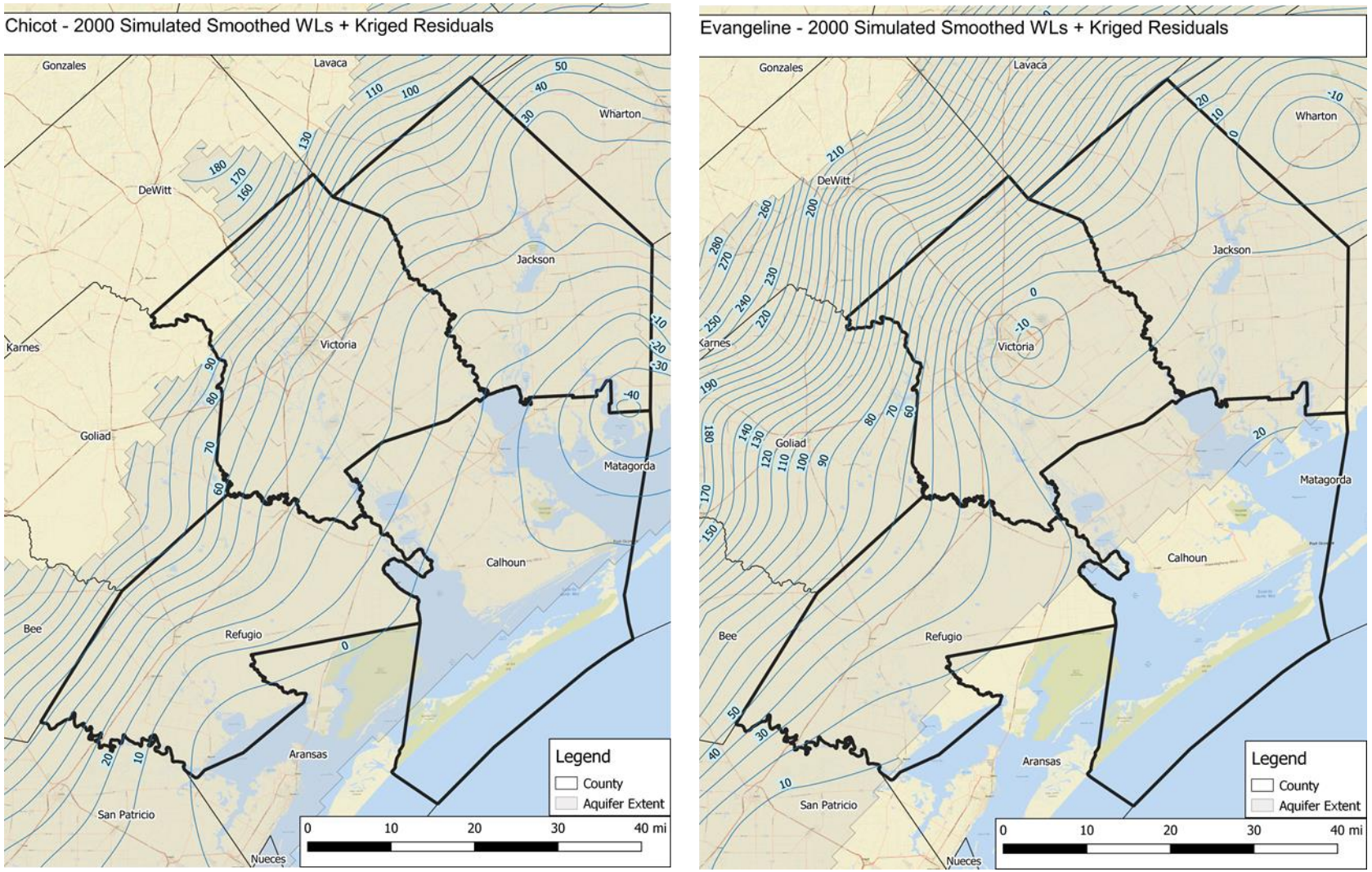



Figure 4-13 Contours of water levels for the Chicot and the Evangeline Aquifer in 2000 based on combining GAM simulated smoothed water levels and Kriged residual for the measured water levels.

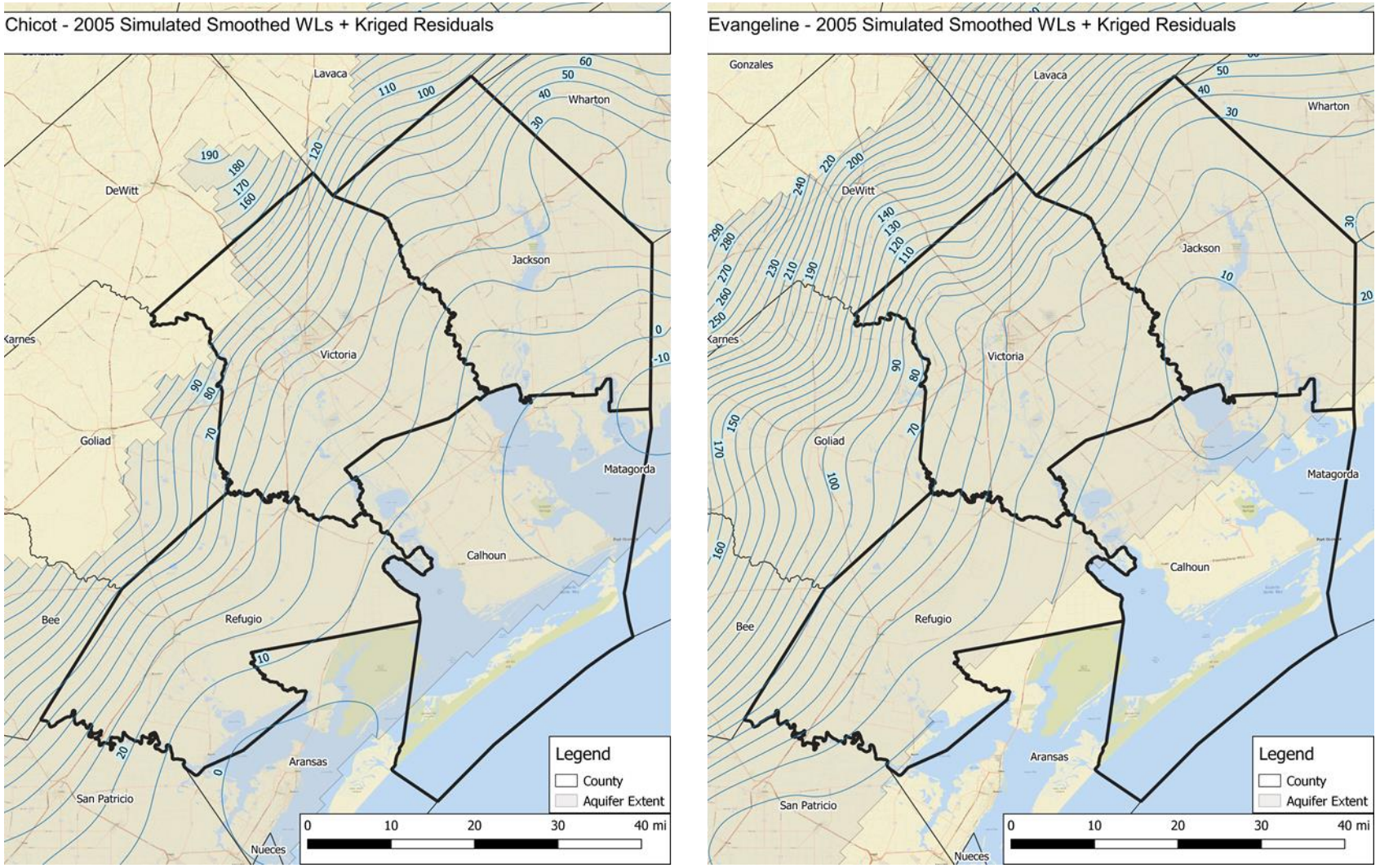



Figure 4-14 Contours of water levels for the Chicot and the Evangeline Aquifer in 2005 based on combining GAM simulated smoothed water levels and Kriged residual for the measured water levels.

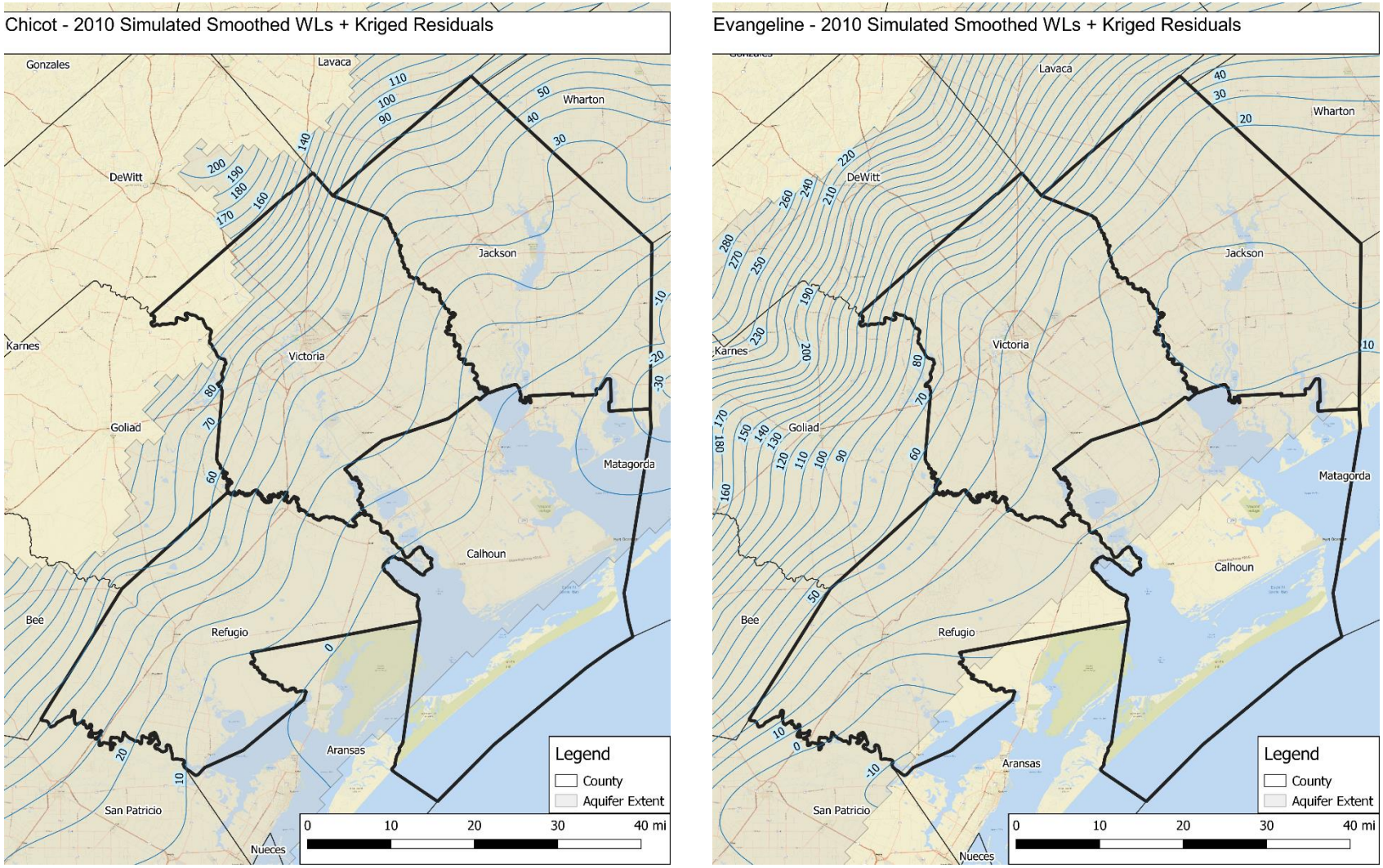



Figure 4-15 Contours of water levels for the Chicot and the Evangeline Aquifer in 2010 based on combining GAM simulated smoothed water levels and Kriged residual for the measured water levels.

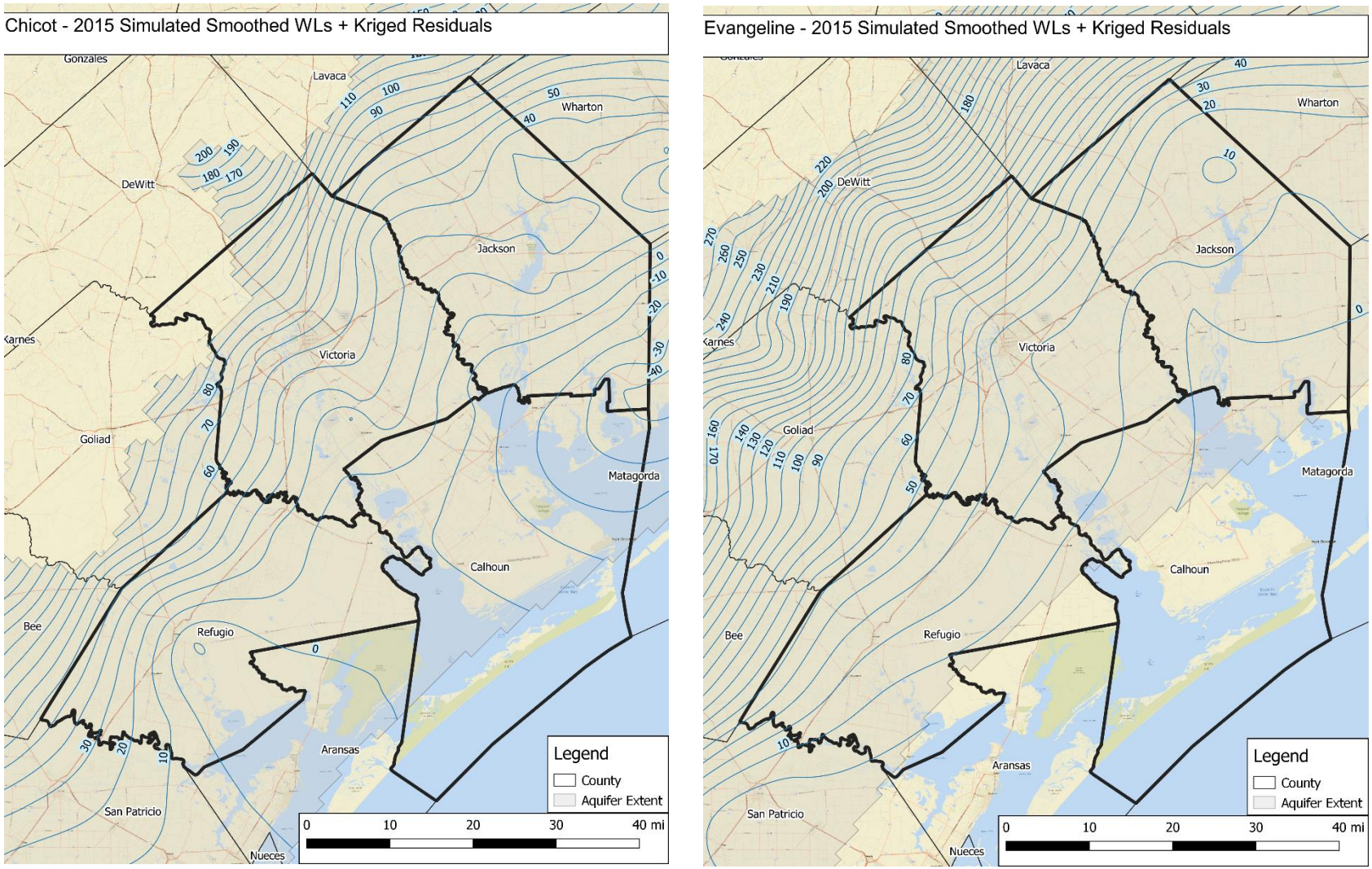



Figure 4-16 Contours of water levels for the Chicot and the Evangeline Aquifer in 2015 based on combining GAM simulated smoothed water levels and Kriged residual for the measured water levels.

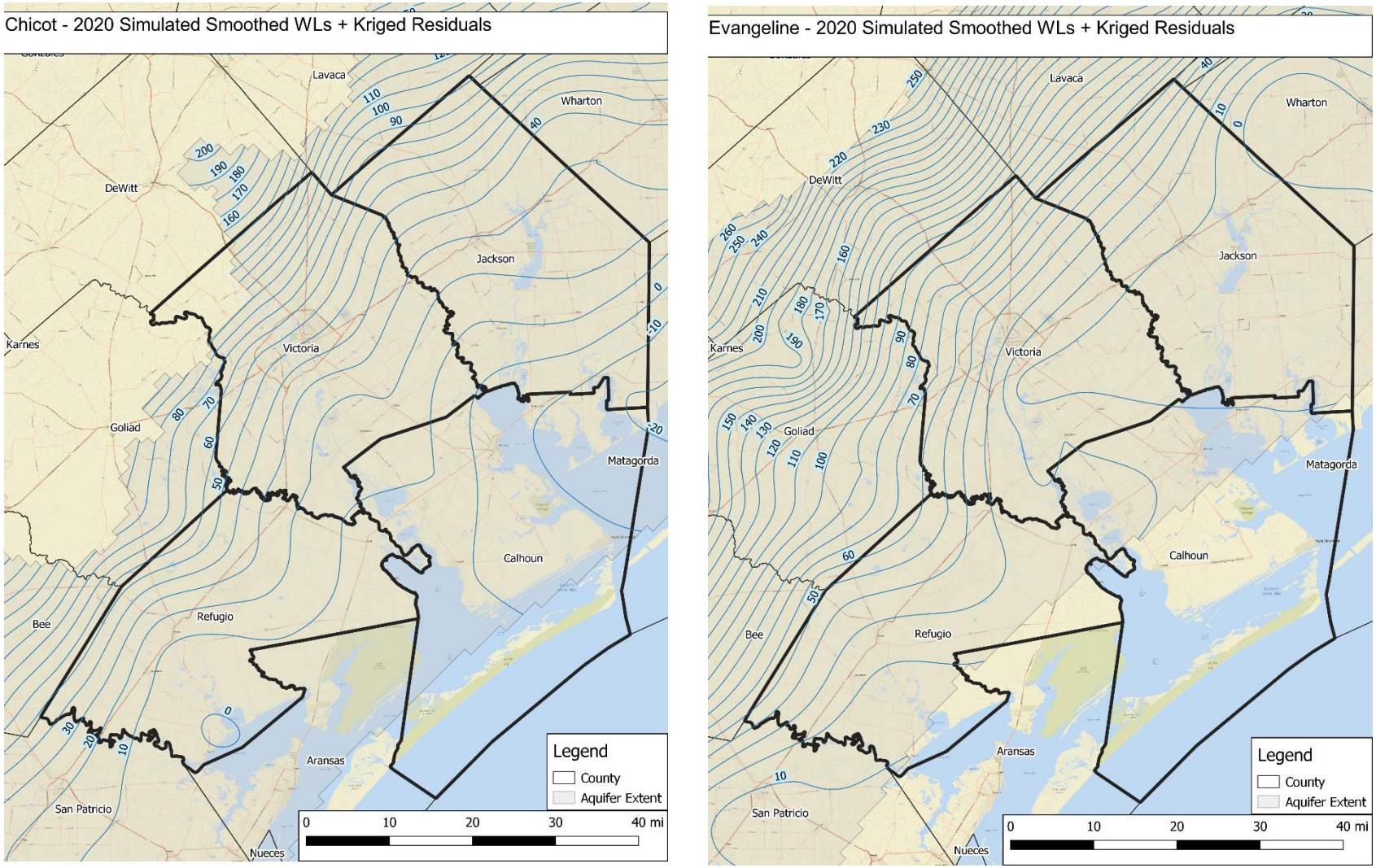



Figure 4-17 Contours of water levels for the Chicot and the Evangeline Aquifer in 2020 based on combining GAM simulated smoothed water levels and Kriged residual for the measured water levels.

# 5.0 CHANGE IN ANNUAL AVERAGE WATER LEVELS

This section presents provides graphs and tables that show how the average annual water level changes in Calhoun, Jackson, Refugio, and Victoria counties from 2000 to 2020. A useful metric for assessing changes in water levels across a county is a single number that represents the average water level elevation for the entire county. For this study, all water level maps are generated using grid cells that measure 1,000 by 1,000 ft. Therefore, each grid cell has an area of 1 million $ft^2$, which is the equivalent to about 23 acres or 0.36 $mile^2$. To determine the average water level for an area, one averages the water levels associated with the grid cells that comprise the area.

**Tables 5-1** through **5-4** provide the average annual water levels calculated for the Chicot Aquifer, Evangeline Aquifer, and for a Chicot & Evangeline Aquifer from 2000 to 2020 for Calhoun, Jackson, Refugio, and Victoria counties using the SSWL+KR method. The average for the Chicot & Evangeline aquifers is calculated as if the Chicot and Evangeline aquifers were fused into a single aquifer. Tables 5-1 through 5-4 also provide the change in the average annual water levels relative to 2000. **Figures 5-1** through **5-4** plot the annual change in for the Chicot Aquifer, the Evangeline Aquifer, and the Chicot & Evangeline Aquifer. For all four counties, the Evangeline Aquifer has greater variability in the average water level change than does the Chicot Aquifer. From 2000 to 2020, the net changes in water level elevation that occurred in the Chicot Aquifer, the Evangeline Aquifer, and the Chicot & Evangeline Aquifer are:

- 4.5, -1.3, and 3.7 ft, respectively, for Calhoun County;
- 6.7, -1.0, and -2.9 ft, respectively, for Jackson County;
- -6.4, -1.7, and -3.7 ft, respectively, for Refugio County;
- -1.9, 9.3, and 3.8 ft, respectively, for Victoria County

**Appendix D** provides a sensitivity analysis of how changes in the method for constructing the water level maps impacts the amount of the average annual water levels. Among the notable observations from this sensitivity analysis are:

- The Kriged values results are not very sensitive to the amount the GAM simulated water level are smoothed to generate the trend surface used for detrending.
- The Kriged results can be very sensitive if the trend surface trend surface is updated to account for annual differences in the GAM simulations that account for different pumping rates.
- The Kriging of water levels without detrending can produce significantly different results than Kriging with detrending.
- The results for the Evangeline Aquifer are more sensitive to changes how Kriging is performed than results for the Chicot Aquifer.

Table 5-1 Average annual water level (ft, msl) and change in the average annual water level for Calhoun County for the Chicot Aquifer, the Evangeline Aquifer and the Chicot & Evangeline aquifers

| Aquifer | Water Level/ Change | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chicot | avg. WL (ft) | -7.0 | -5.9 | -4.9 | -0.3 | -1.8 | 1.9 | -4.5 | -1.0 | 0.8 | -2.6 | -2.6 | -1.2 | -7.6 | -5.1 | -6.8 | -7.7 | -7.8 | -2.6 | -4.2 | -2.9 | -2.6 |
| | change (ft)* | 0.0 | 1.1 | 2.1 | 6.7 | 5.2 | 8.9 | 2.5 | 6.1 | 7.8 | 4.4 | 4.4 | 5.8 | -0.6 | 2.0 | 0.2 | -0.6 | -0.8 | 4.4 | 2.8 | 4.1 | 4.5 |
| Evangeline | avg. WL (ft) | 17.7 | 11.3 | 8.1 | 25.2 | 13.7 | 13.3 | 21.8 | 28.0 | 15.1 | 16.5 | 18.1 | 14.6 | 18.7 | 10.3 | 1.2 | 3.6 | 3.6 | 11.6 | -8.0 | 15.2 | 16.4 |
| | change (ft)* | 0.0 | -6.4 | -9.6 | 7.5 | -4.0 | -4.4 | 4.1 | 10.3 | -2.6 | -1.2 | 0.4 | -3.1 | 1.0 | -7.4 | -16.5 | -14.2 | -14.1 | -6.1 | -25.8 | -2.5 | -1.3 |
| Chicot & Evangeline | avg. WL (ft) | -3.2 | -3.7 | -3.5 | 3.7 | 0.2 | 3.3 | -0.2 | 3.7 | 3.1 | 0.2 | 0.4 | 1.0 | -3.1 | -2.8 | -5.7 | -6.1 | -6.2 | -0.4 | -5.7 | -0.1 | 0.5 |
| | change (ft)* | 0.0 | -0.5 | -0.3 | 7.0 | 3.4 | 6.6 | 3.1 | 6.9 | 6.3 | 3.4 | 3.6 | 4.2 | 0.1 | 0.4 | -2.5 | -2.8 | -3.0 | 2.8 | -2.5 | 3.1 | 3.7 |

* change is measured relative to the year 2000; avg WL is measured relative to mean sea level

Table 5-2 Average annual water level (ft, msl) and change in the average annual water level for Jackson County for the Chicot Aquifer, the Evangeline Aquifer and the Chicot & Evangeline aquifers

| Aquifer | Water Level/ Change | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chicot | avg. WL (ft) | 21.3 | 19.3 | 23.4 | 26.5 | 26.5 | 29.3 | 23.0 | 29.9 | 30.7 | 26.4 | 27.1 | 28.1 | 20.2 | 23.6 | 20.3 | 22.1 | 20.6 | 25.9 | 25.7 | 26.2 | 28.0 |
| | change (ft)* | 0.0 | -2.0 | 2.1 | 5.2 | 5.2 | 8.0 | 1.7 | 8.6 | 9.4 | 5.1 | 5.8 | 6.8 | -1.1 | 2.2 | -1.0 | 0.8 | -0.7 | 4.6 | 4.4 | 4.9 | 6.7 |
| Evangeline | avg. WL (ft) | 17.0 | 19.2 | 21.8 | 21.0 | 22.0 | 22.0 | 21.5 | 32.6 | 27.5 | 20.9 | 17.1 | 19.6 | 6.2 | 20.4 | 1.7 | 12.0 | 21.0 | 17.4 | -3.5 | 15.4 | 15.9 |
| | change (ft)* | 0.0 | 2.3 | 4.9 | 4.0 | 5.1 | 5.1 | 4.6 | 15.7 | 10.6 | 3.9 | 0.1 | 2.6 | -10.7 | 3.4 | -15.2 | -4.9 | 4.1 | 0.4 | -20.4 | -1.5 | -1.0 |
| Chicot & Evangeline | avg. WL (ft) | 19.0 | 19.1 | 22.5 | 23.6 | 24.2 | 25.6 | 22.2 | 31.2 | 29.0 | 23.5 | 22.0 | 23.8 | 13.1 | 21.9 | 11.0 | 16.9 | 20.7 | 21.5 | 11.0 | 20.8 | 21.9 |
| | change (ft)* | 19.1 | 0.1 | 3.5 | 4.6 | 5.2 | 6.6 | 3.1 | 12.2 | 10.0 | 4.5 | 3.0 | 4.8 | -5.9 | 2.8 | -8.1 | -2.1 | 1.7 | 2.5 | -8.0 | 1.7 | 2.9 |

* change is measured relative to the year 2000; avg WL is measured relative to mean sea level

Table 5-3 Average annual water level (ft, msl) and change in the average annual water level for Refugio County for the Chicot Aquifer, the Evangeline Aquifer and the Chicot & Evangeline aquifers

| Aquifer | Water Level/ Change | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chicot | avg. WL (ft) | 24.8 | 23.6 | 28.3 | 27.2 | 24.5 | 28.3 | 24.6 | 27.4 | 29.0 | 24.3 | 22.7 | 23.5 | 23.0 | 19.4 | 4.5 | 14.5 | 19.6 | 19.2 | 19.0 | 20.0 | 18.4 |
| | change (ft)* | 0.0 | -1.2 | 3.6 | 2.5 | -0.2 | 3.5 | -0.1 | 2.6 | 4.3 | -0.5 | -2.1 | -1.2 | -1.8 | -5.4 | -20.2 | -10.3 | -5.2 | -5.6 | -5.8 | -4.8 | -6.4 |
| Evangeline | avg. WL (ft) | 32.5 | 31.7 | 34.2 | 39.8 | 37.9 | 40.7 | 38.3 | 35.4 | 31.2 | 31.7 | 21.7 | 31.6 | 33.1 | 27.0 | 23.9 | 22.3 | 24.6 | 30.4 | 20.5 | 28.2 | 30.9 |
| | change (ft)* | 0.0 | -0.8 | 1.6 | 7.2 | 5.3 | 8.1 | 5.8 | 2.8 | -1.3 | -0.9 | -10.8 | -1.0 | 0.5 | -5.5 | -8.6 | -10.3 | -7.9 | -2.2 | -12.0 | -4.3 | -1.7 |
| Chicot & Evangeline | avg. WL (ft) | 26.3 | 25.4 | 29.1 | 31.0 | 28.8 | 31.8 | 28.9 | 29.0 | 28.5 | 26.1 | 20.7 | 25.6 | 25.8 | 21.4 | 11.9 | 16.7 | 20.4 | 22.8 | 18.6 | 22.4 | 22.6 |
| | change (ft)* | 0.0 | -0.9 | 2.8 | 4.7 | 2.5 | 5.6 | 2.6 | 2.7 | 2.2 | -0.1 | -5.5 | -0.7 | -0.5 | -4.9 | -14.4 | -9.5 | -5.8 | -3.5 | -7.7 | -3.9 | -3.7 |

* change is measured relative to the year 2000; avg WL is measured relative to mean sea level

Table 5-4 Average annual water level (ft, msl) and change in the average annual water level for Victoria County for the Chicot Aquifer, the Evangeline Aquifer and the Chicot & Evangeline aquifers

| Aquifer | Water Level/ Change | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chicot | avg. WL (ft) | 49.8 | 49.2 | 47.8 | 48.8 | 49.6 | 52.6 | 51.8 | 52.0 | 52.4 | 50.9 | 52.8 | 48.0 | 43.5 | 50.1 | 45.5 | 48.2 | 49.9 | 51.4 | 52.0 | 49.9 | 47.9 |
| | change (ft)* | 0.0 | -0.6 | -2.0 | -1.0 | -0.2 | 2.8 | 2.0 | 2.2 | 2.6 | 1.1 | 3.0 | -1.7 | -6.3 | 0.3 | -4.3 | -1.6 | 0.1 | 1.6 | 2.2 | 0.1 | -1.9 |
| Evangeline | avg. WL (ft) | 29.8 | 32.0 | 40.6 | 48.8 | 51.0 | 48.9 | 47.6 | 53.4 | 53.0 | 47.7 | 44.8 | 41.3 | 32.4 | 45.3 | 40.9 | 41.4 | 45.6 | 46.1 | 30.6 | 38.0 | 39.1 |
| | change (ft)* | 0.0 | 2.2 | 10.8 | 19.0 | 21.2 | 19.1 | 17.7 | 23.5 | 23.1 | 17.8 | 15.0 | 11.5 | 2.5 | 15.4 | 11.0 | 11.5 | 15.7 | 16.3 | 0.7 | 8.2 | 9.3 |
| Chicot & Evangeline | avg. WL (ft) | 41.3 | 42.4 | 46.0 | 50.6 | 51.9 | 52.2 | 51.2 | 54.2 | 54.2 | 50.7 | 50.2 | 46.2 | 39.3 | 49.3 | 44.8 | 46.3 | 49.3 | 50.4 | 42.7 | 45.6 | 45.1 |
| | change (ft)* | 0.0 | 1.0 | 4.6 | 9.2 | 10.5 | 10.9 | 9.9 | 12.9 | 12.9 | 9.4 | 8.9 | 4.9 | -2.0 | 7.9 | 3.4 | 5.0 | 7.9 | 9.0 | 1.4 | 4.2 | 3.8 |

* change is measured relative to the year 2000; avg WL is measured relative to mean sea level

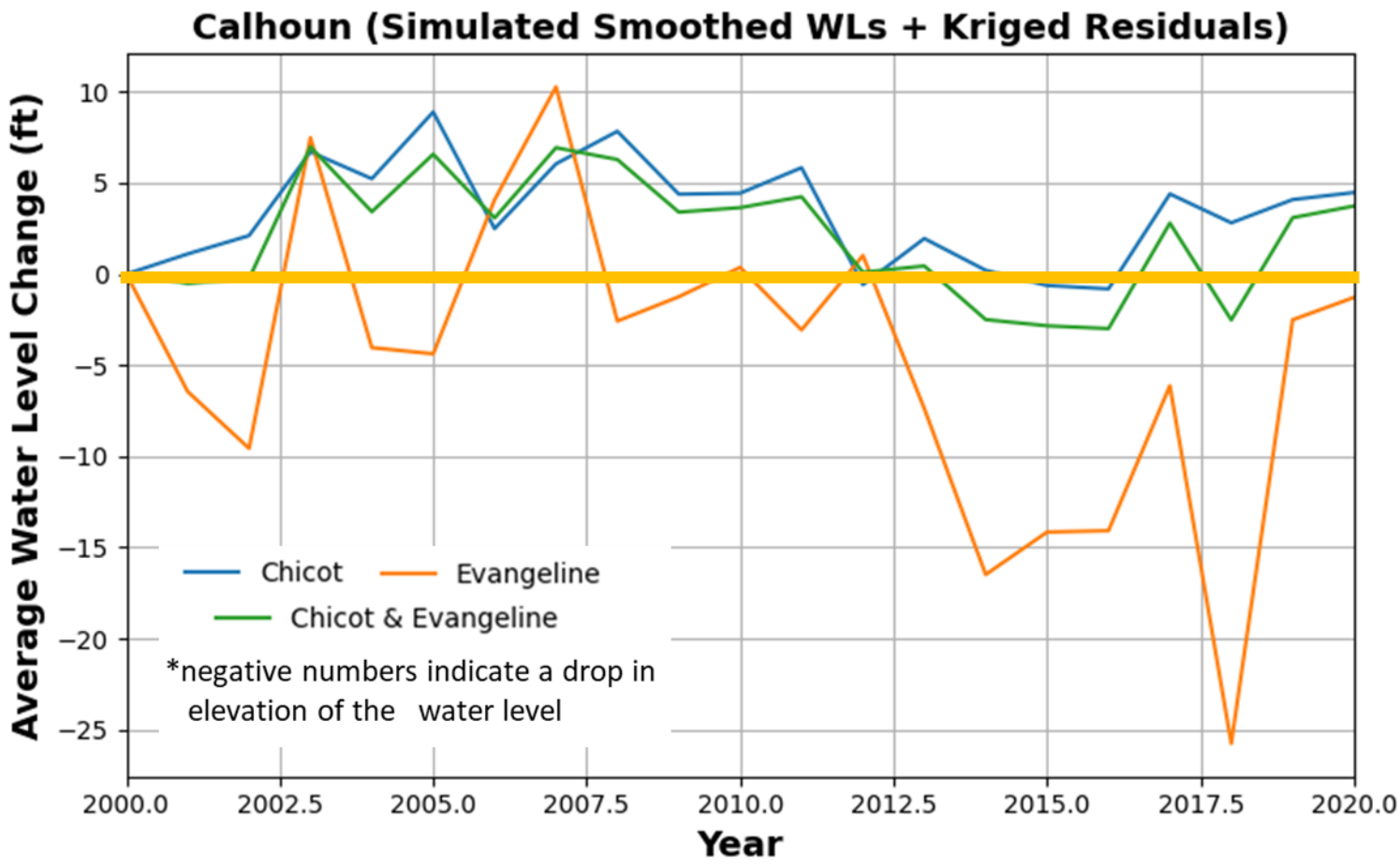



Figure 5-1 Change in the average annual water level calculated in Calhoun County for the Chicot Aquifer, the Evangeline Aquifer, and the combination of Chicot and Evangeline aquifers based on the analysis of aquifer levels determined using GAM simulated smoothed water levels and Kriged residual for the measured water levels.

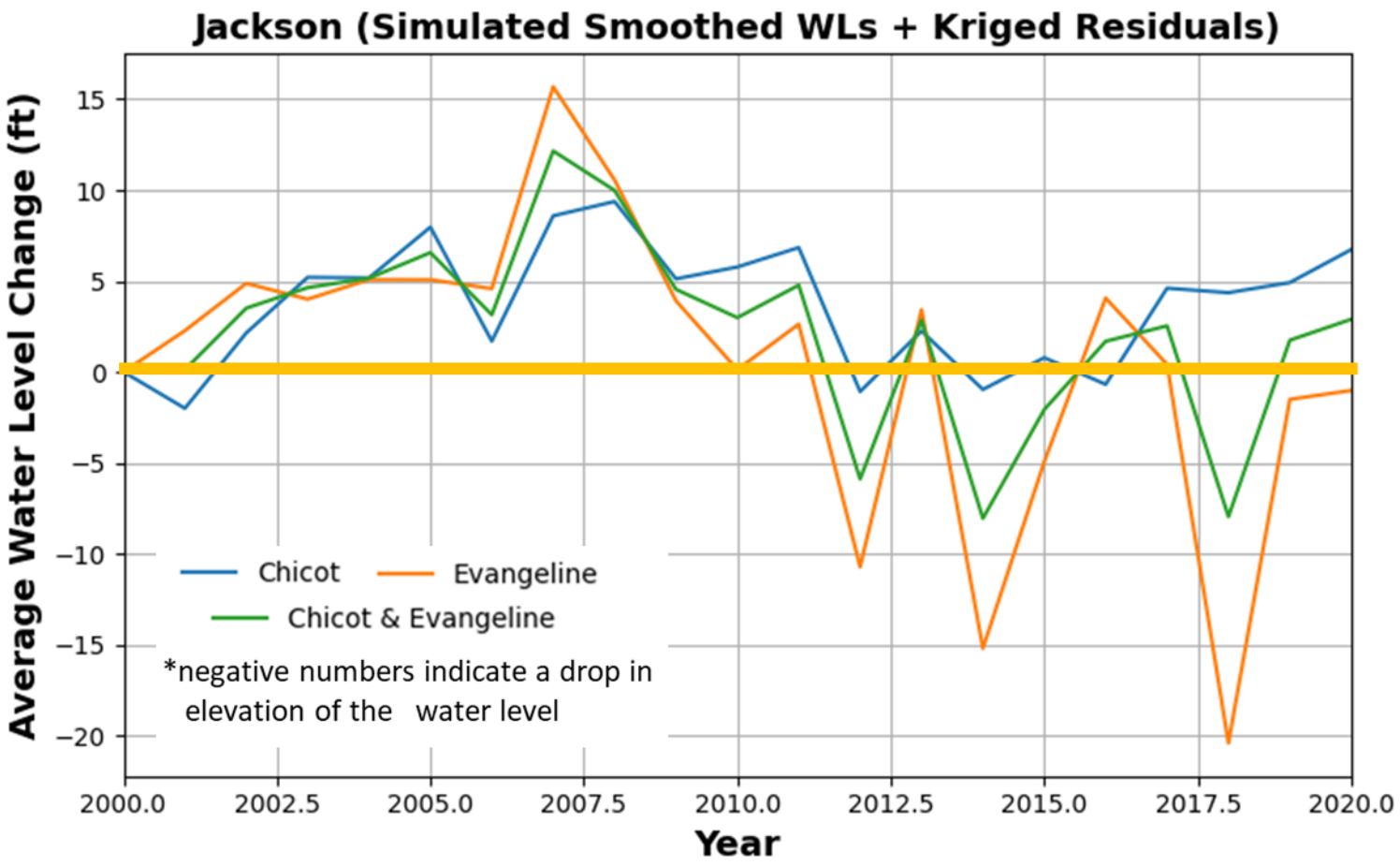



Figure 5-2 Change in the average annual water level calculated in Jackson County for the Chicot Aquifer, the Evangeline Aquifer, and the combination of Chicot and Evangeline aquifers based on the analysis of aquifer levels determined using GAM simulated smoothed water levels and Kriged residual for the measured water levels.

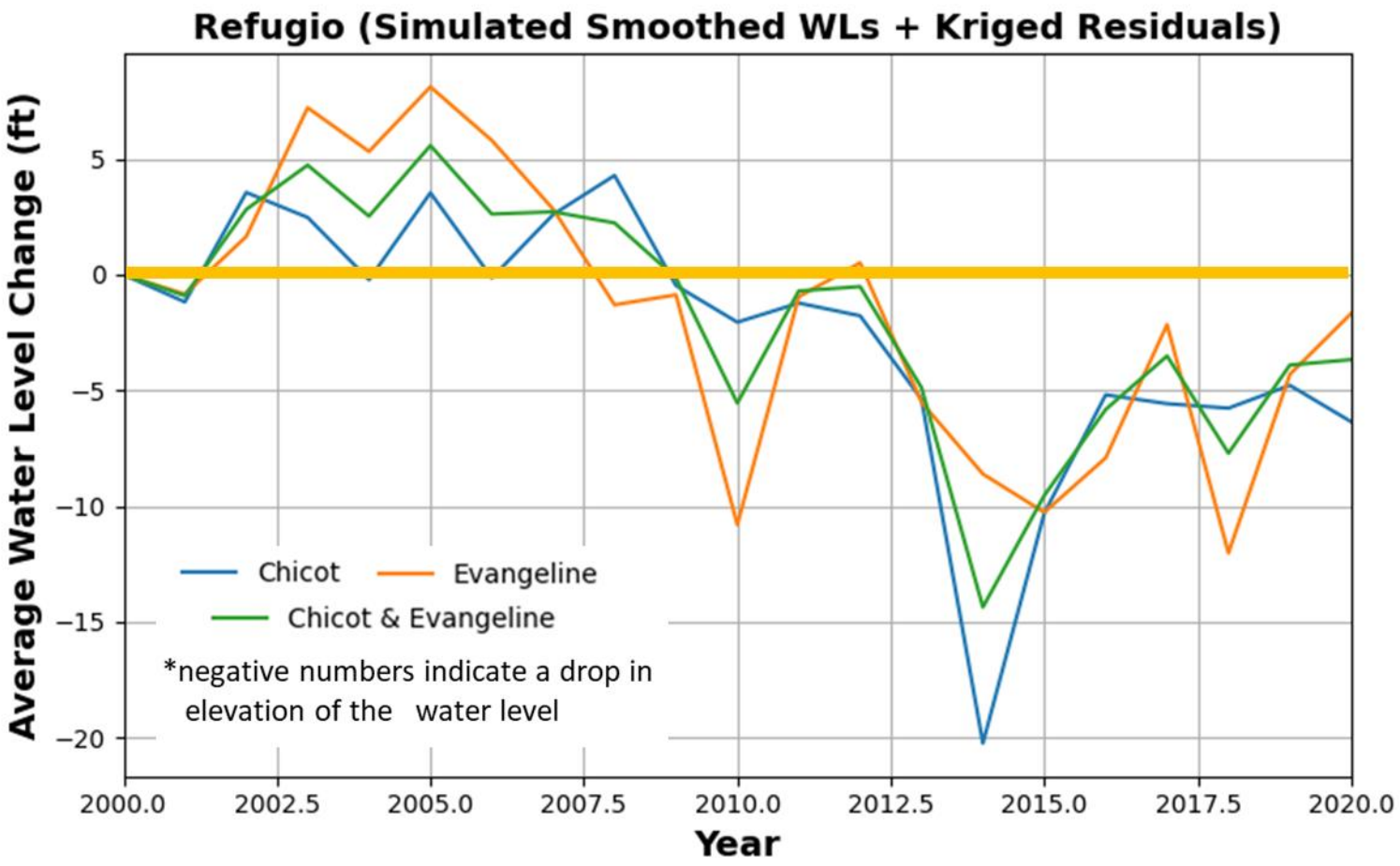



Figure 5-3 Change in the average annual water level calculated in Refugio County for the Chicot Aquifer, the Evangeline Aquifer, and the combination of Chicot and Evangeline aquifers based on the analysis of aquifer levels determined using GAM simulated smoothed water levels and Kriged residual for the measured water levels.

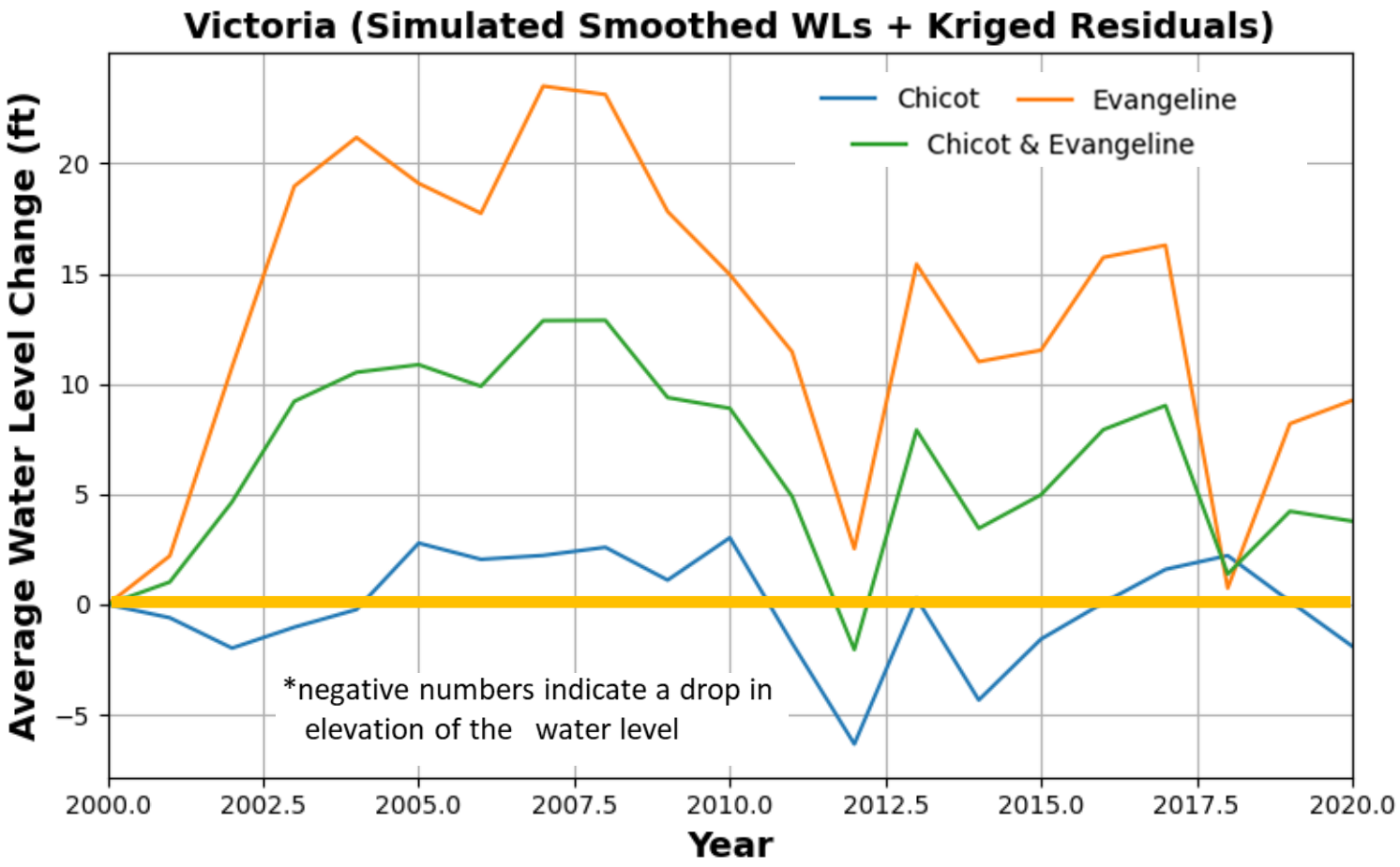



Figure 5-4 Change in the average annual water level calculated in Victoria County for the Chicot Aquifer, the Evangeline Aquifer, and the combination of Chicot and Evangeline aquifers based on the analysis of aquifer levels determined using GAM simulated smoothed water levels and Kriged residual for the measured water levels.

# 6.0 SPATIAL AND TEMPORAL CHANGES IN WATER LEVELS

This section presents tables and figures that illustrate changes in the water levels across the counties and at wells. The maps showing contours of water level change across counties are based on the differences in the mapped annual water levels determined for the Chicot Aquifer, Evangeline Aquifer, and the Chicot & Evangeline Aquifer in Section 5. The groundwater elevation changes at wells are based on hydrographs of the measured water levels.

## 6.1 Water Level Changes Across Counties

**Figures 6-1** through **6-4** show the net change in water levels in from 2000 to 2020 in Calhoun, Jackson, Refugio, and Victoria counties. Maps are provided for both the Chicot and the Evangeline aquifers. The coverages for both aquifers are truncated to the aquifer boundaries delineated in the central Gulf Coast GAM (Chowdhury and others, 2004). The water level changes are delineated using contours and color floods. Positive numbers and blue and green colors show where water level elevations increased over time. Negative numbers and yellow and orange colors indicate where water level elevations have decreased over time. **Appendix E** provides figures that divides the twenty-year interval into 10-year and 5-year periods. Several notable observations made from Figures 6-1 through 6-4 and Appendix E are listed below.

<u>Calhoun County</u>

- Chicot Aquifer
  - 2000-2020: Water levels increased across about 80% of the county. The largest increase of about 20 ft occurred in northeast region. Areas of decrease occurred in northwest and north regions.
  - 2000-2010: Water levels increased across about 80% of the county. The largest increase was of 23 ft in water levels with greatest increase occurring in northeast. Areas of decreased water levels occurred in southwest with maximum declines of about 5 ft.
  - 2010-2020: Water levels decreased in about 60% of the county. The decreases occurred primarily in the northeast. The largest decrease of about 12 ft occurred in northeast. Areas of decreased water levels occurred in southwest with maximum declines of about 5 ft.
- Evangeline Aquifer
  - 2000-2020: Water levels decreased across about 70% of the county. The largest decrease of about 7 ft occurred in the northeast.
  - 2000-2010: Water levels decreased across the county except for about 10% of the county in the northwest corner of the county. Decreased water levels were generally less than 5 ft and the increased water levels were generally less than 2.5 ft.
  - 2010-2020: Water levels increased in about 90% of the county. The largest increase was about 5 ft. Water levels decreased along the Jackson county line. The largest decrease was 2.5 ft.

Jackson County

- Chicot Aquifer
  - 2000-2020: Water levels increased across about 90% of the county. Increases of about 25 ft occurred in the northeast and of about 20 ft occurred in south. In the remaining areas, water levels decreased less than 5 ft.
  - 2000-2010: Water levels increased across about 90% of county. Increased water levels of 20 ft occurred in the northeast and southwest corners of the county.
  - 2010-2020: Water levels across most of the county changed less than 5 ft. The largest increase in water levels of 10 ft occurred in southeast; the largest decrease in water levels of about 15 ft occurred in southwest.
- Evangeline Aquifer
  - 2000-2020: Water levels increased across about 50% of the county with the largest increase of about 12 ft occurring in the northern region. Water levels decreased across the remaining county with the greatest decline of 10 ft occurring in the southern region.
  - 2000-2010: Water levels increased 5 ft across most of the central and northern part of the county. In the southeast part of the county, the water levels decreased averaged about 5 ft also.
  - 2010-2020: Across about 90% of the county, the water levels changed less than 5 ft.

Refugio County

- Chicot Aquifer
  - 2000-2020: Water levels decreased across about 70% of the county and in the northwest region where the largest decrease of about 27 feet occurred near the Goliad county line. An increase of less than 5 ft occurred across most of the remaining southeastern portion of the county.
  - 2000-2010: Water levels in northeast that cover about 60% decreased. The largest groundwater elevation decrease of 17 ft occurred along the Goliad county line. Water levels increased between 0 to 10 ft in southwestern region of the county.
  - 2010-2020: Water levels decreased across about 80% of the county with greatest decrease of about 18 ft near center of the county. Water levels in the remaining portion of the county increased 2 to 7 ft.
- Evangeline Aquifer
  - 2000-2020: Water levels decreased across about 75% of the county with the largest decline of 15 ft in the north-central region of the county.
  - 2000-2010: Water levels decreased across the entire county. The declines ranged from about 5 ft in the northeast to about 25 ft in the southeast.
  - 2010-2020: Water levels increased across 95% of the county. Most of the increases were between 7 and 17 ft. The largest increase of about 22 ft occurred in the southwest corner of the county.

Victoria County

- Chicot Aquifer
  - 2000-2020: Water levels increased across about 50% of the county and primarily in the northeast region. The largest increase of about 25 ft occurred at the center of the county. Water levels decreased in the southwest region where the largest decrease was about 15 ft.

  - 2000-2010: Water levels increased across about 65% of the county and primarily in the northeast and east regions. The largest increase in water levels of about 25 ft occurred at center of the county. In southwest portion of the county, the water levels decreased. The declines range between 5 and 10 ft.
  - 2010-2020: Water levels decreased across about 60% of the county and primarily in the southeast portion of the county. The groundwater level declines were primary between 2 and 10 ft. In the northeast corner of the county, the groundwater levels increased about 5 to 10 ft.

- Evangeline Aquifer
  - 2000-2020: Water levels increased across about 60% of the county and primarily in the northwest portion of the county. The largest increase of about 70 ft occurred at the center of the county. In southwest region of the county, changes in the groundwater levels ranged from about a 10 ft increase to a 20 ft decrease.
  - 2000-2010: Water levels increased across about 85% of the county. The largest increase of about 80 ft occurred at the center of the county and lessen radially outward.
  - 2010-2020: Water levels decreased across about 80% of county. The largest declines of 20 to 25 ft occurred near the center and near the southwest corner of the county. Groundwater levels increased about 5 to 10 ft in northwest region of the county.

## 6.2 Water Level Changes at Wells

**Appendices F** and **G** provide hydrographs for wells located in Calhoun, Jackson, Refugio, and Victoria counties. Appendix F shows hydrographs for the Chicot Aquifer. Appendix G shows hydrographs for the Evangeline Aquifer. Each hydrograph shows the measured water level as blue dots and the corresponding water levels associated with the trend surface created using the smoothed GAM simulated water levels as red dots. The blue lines were constructed by performing a linear regression on the measured water levels. **Figures 6-5** through **6-11** show selected hydrographs by aquifer and by county. Only wells with at least four annual measurements were considered. Each hydrograph is assigned a color dot to indicate whether the water levels were increasing, relatively flat, or decreasing over time. Also, simulated water levels were rated from 1 to 10 based on their similarity to the measured water levels. A score of 10 indicates the simulated water level accurately reflects both the values and the temporal trend in the measured water levels. Notable observations are listed below by county.

<u>Calhoun County</u>

- Chicot Aquifer
  - Six hydrographs are provided. They are located in the half of the county closest to Victoria county. Four of the hydrographs show a relatively flat trend over time for the measured groundwater elevations.
  - The smoothed simulated water levels are within 10 ft of the measured water levels. However, for five out of the six wells, the simulated water levels exhibit increases of 5 to 10 ft from 2000 to 2020 whereas the measured groundwater levels indicate a change of less than a few feet. The GAM-simulated water levels are rated an 8 out of 10.

- Evangeline Aquifer
  - No hydrographs are available for review.

Jackson County

- Chicot Aquifer
  - Twelve hydrographs are provided. They are located across the county except for near the Calhoun County line. Eight of the hydrographs show a relatively flat trend over time for the measured water levels. The remaining four hydrographs show an increase in the measured water levels.
  - A comparison between simulated and measured water levels at the twelve well locations produced mixed results. For several wells, such as wells #907 and #5, the simulated elevations are within a few feet and have a similar temporal trend as the measured elevations but there are other wells such as wells #137 and #112 where, the simulated elevations are differed by as much as 40 ft and have a dissimilar temporal trend than do the measured elevations. The GAM-simulated water levels are rated a 4 out of 10.
- Evangeline Aquifer
  - Seven hydrographs are provided. They are located across the county. Three hydrographs indicate nearly flat temporal trends in the measured water levels, and three hydrographs indicate an increase in the measured water levels. The GAM-simulated water levels are rated a 5 out of 10.
  - A comparison between simulated and measured water levels at the twelve well locations produce mixed results. The comparisons are generally better for years closer to 2000 than for the years closer to 2020. For 2020, four of the wells have differences between 20 and 40 ft between the measured and simulated water levels. The GAM-simulated water levels are rated a 6 out of 10.

Refugio County

- Chicot Aquifer
  - Eight hydrographs are provided. They are located across the county. Four of the hydrographs show a relatively flat temporal trend in the measured water levels and three hydrographs show a decreasing trend in the measured elevations. Wells # 44 and #61 may have unrepresentative measured water levels. The shift of about 20 ft in 2014 at Well #44 may have occurred because of a change in the datum used in the field.
  - A comparison between simulated and measured water levels at the twelve well locations produce mixed results. The GAM-simulated water levels are rated a 5 out of 10.
- Evangeline Aquifer
  - Two hydrographs are provided. One shows a relatively flat trend in the measured water levels and the other shows a decreasing trend in the measured water levels.
  - The simulated and measured water levels are similar for the one well but are notably different for the other well. The GAM simulated water levels are rated a 6 out of 10.

Victoria County

- Chicot Aquifer
  - Twelve hydrographs are provided. They are located across the county except in the center of the county. Seven of the hydrographs show a relatively flat temporal trend in the measured water levels. Three hydrographs show an increasing trend in the measured water levels.
  - The measured and simulated water levels compare favorably at four wells. At five other wells, the simulated and measured water levels have similar trends but the data sets are

offset by 10 to 30 ft. At three wells, notable trends of increasing water levels with the measured data are not provided in the simulated values. The GAM-simulated water levels are rated a 5 out of 10.

- Evangeline Aquifer
  - Twelve hydrographs are provided. They are located across the county. Seven of the hydrographs show a relatively flat temporal trend in the measured water levels. Three hydrographs show an increasing trend in the measured water levels.
  - The measured and simulated water levels compare favorably at five wells. At four other wells, the simulated and measured water levels have similar trends but the data sets are offset by 10 to 30 ft. At two wells, notable trends in the measured water levels are not reproduced in the simulated values. The GAM-simulated water levels are rated a 6 out of 10.

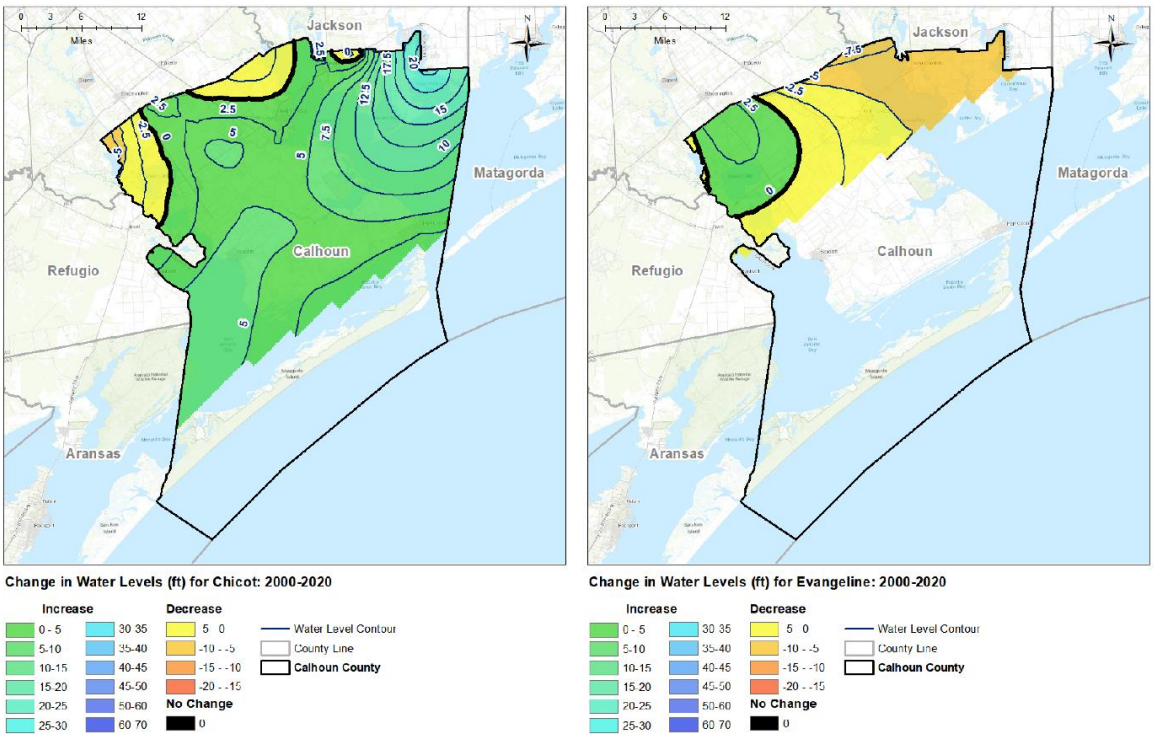



Figure 6-1 Water level elevation change in Chicot and Evangeline Aquifers across Calhoun County for 2000 - 2020

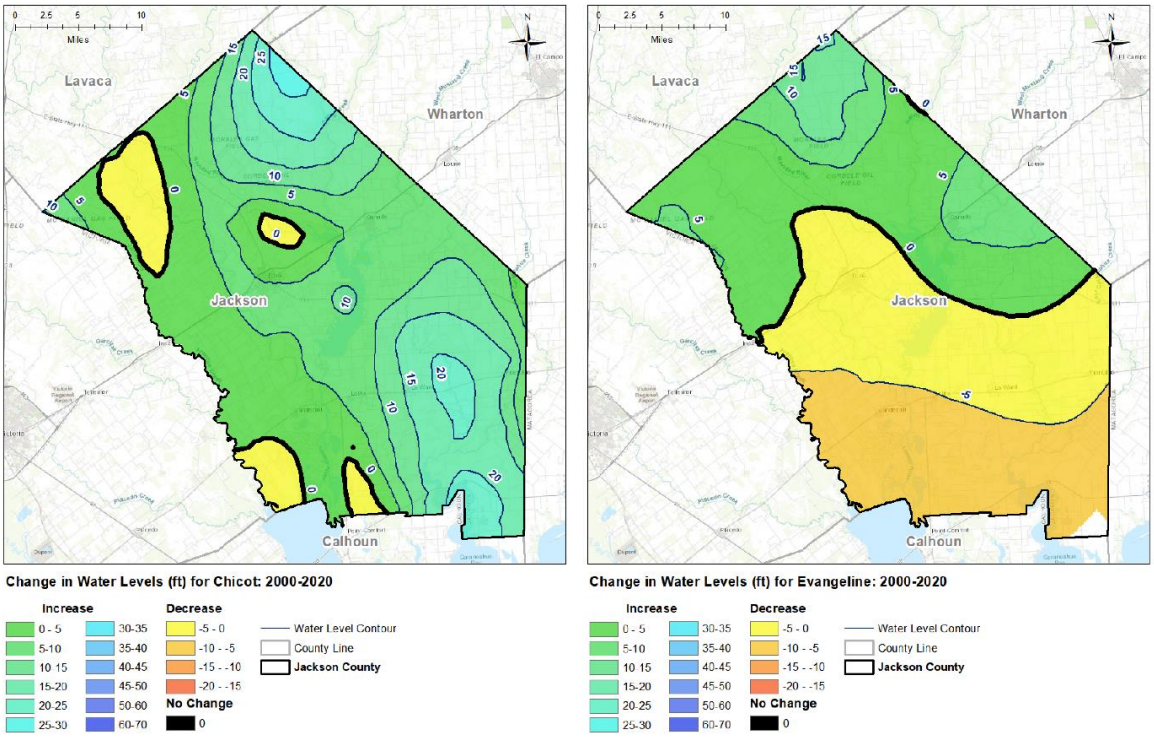



Figure 6-2 Water level elevation change in Chicot and Evangeline Aquifers across Jackson County for 2000 - 2020

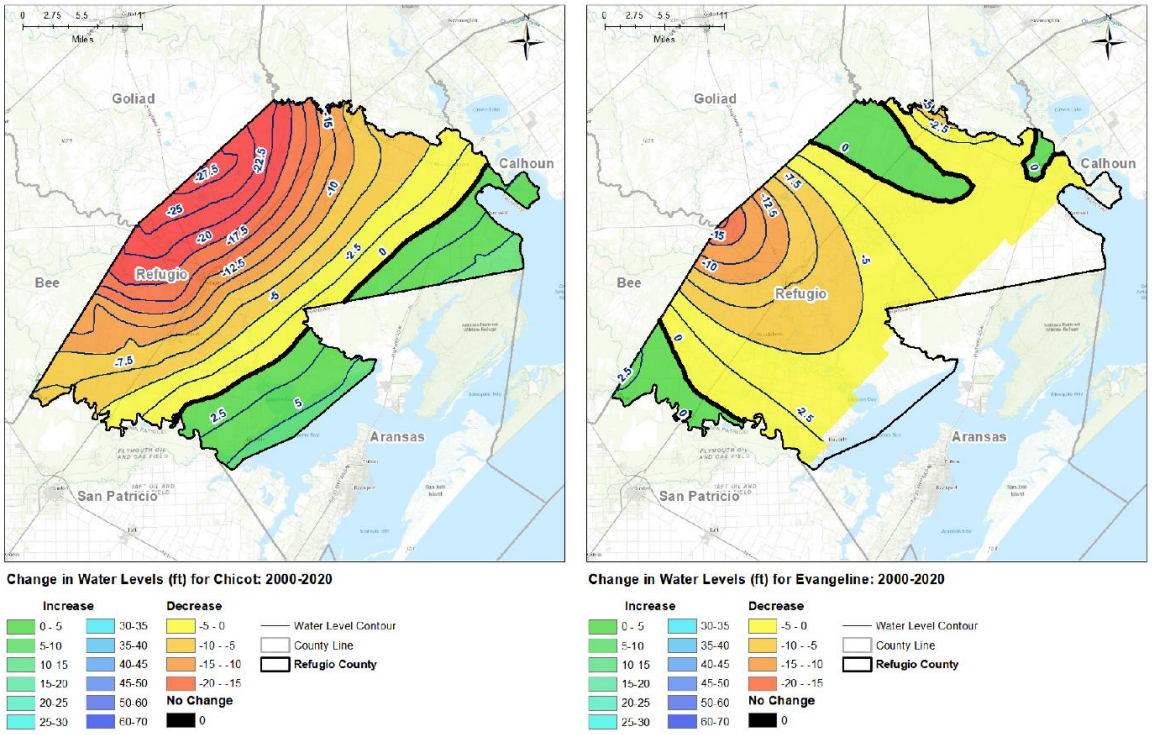



Figure 6-3 Water level elevation change in Chicot and Evangeline Aquifers across Refugio County for 2000 - 2020

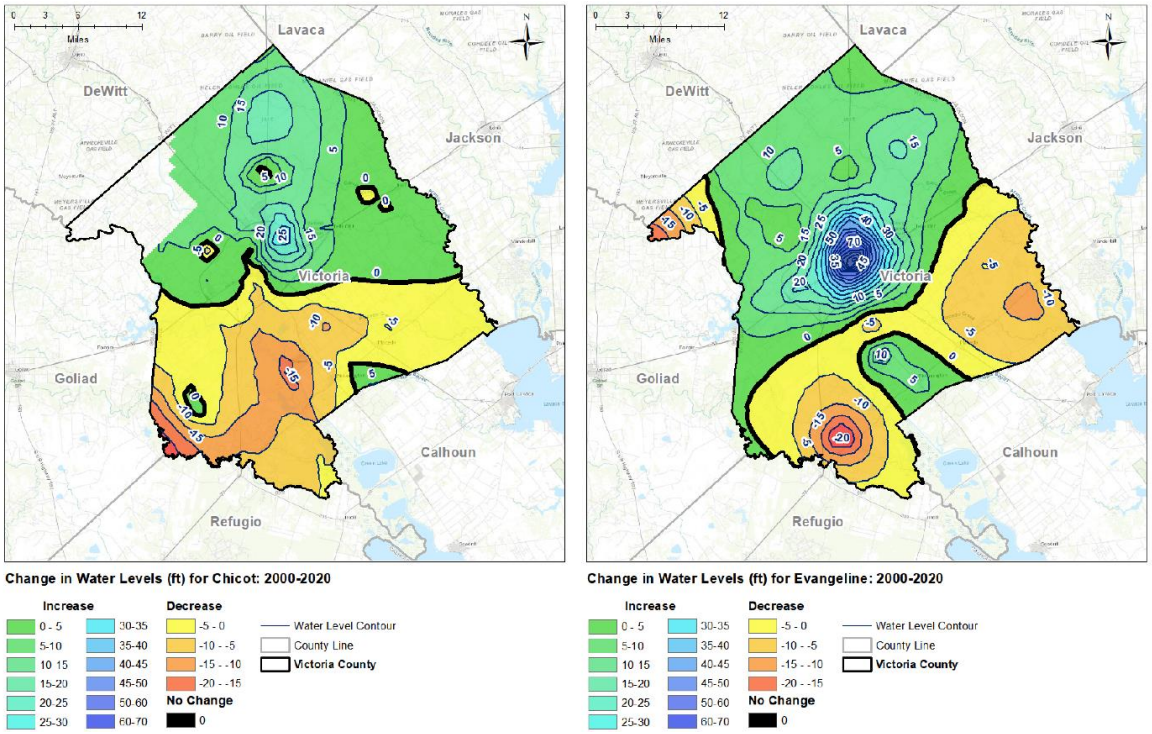



Figure 6-4 Water level elevation change in Chicot and Evangeline Aquifers across Victoria County for 2000 - 2020

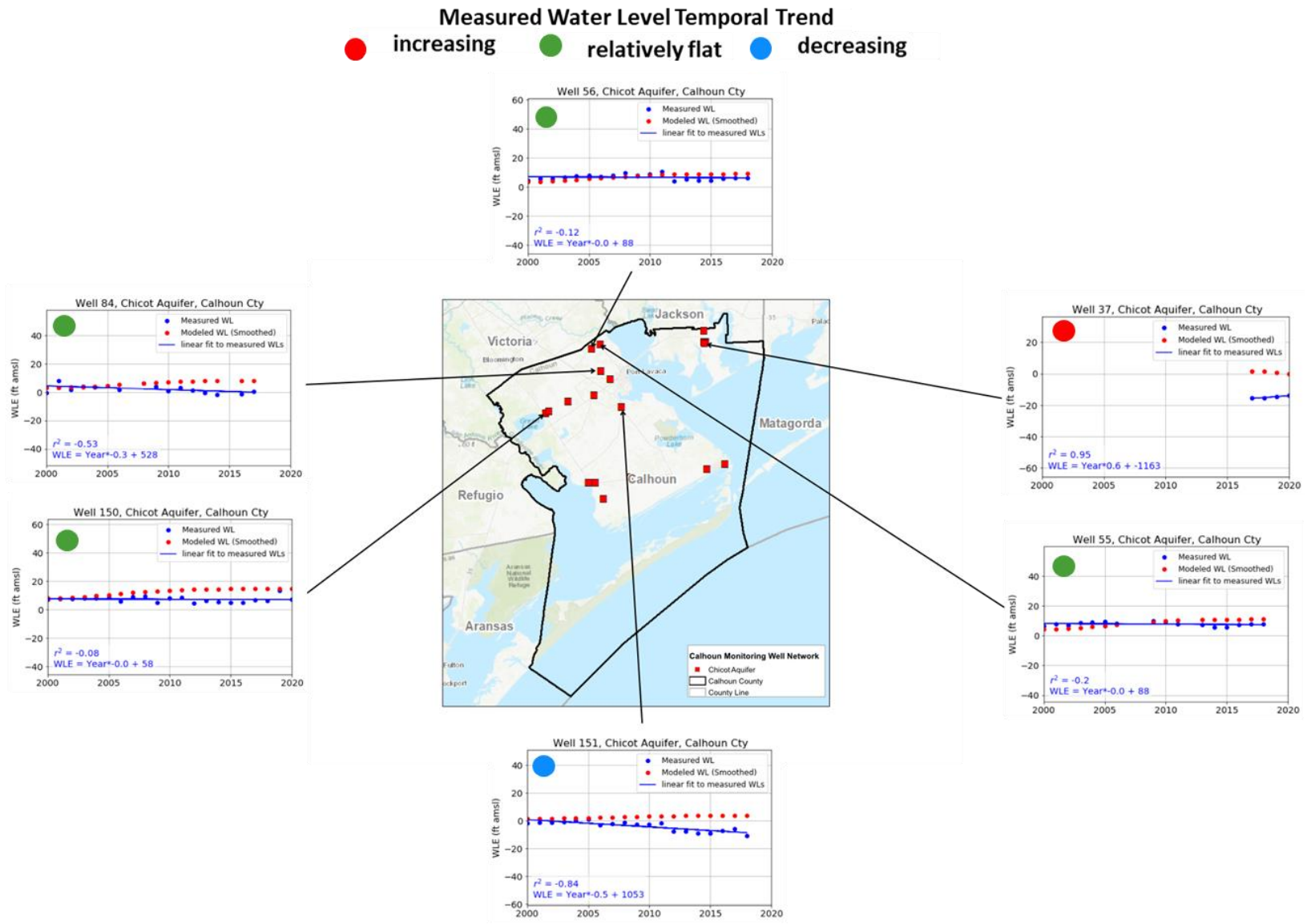



Figure 6-5 Hydrographs for Chicot wells with four or more measured water levels in Calhoun County

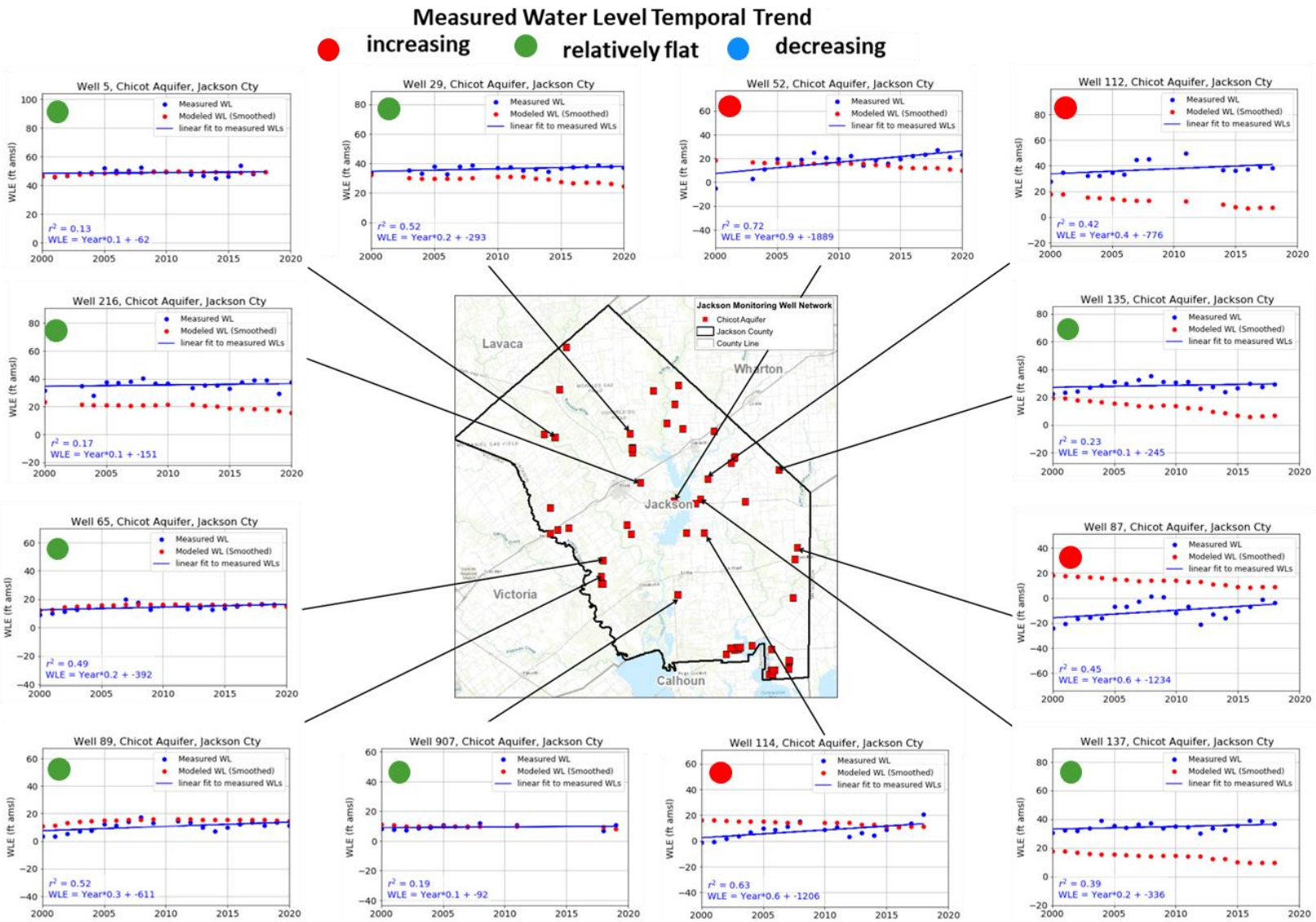



Figure 6-6 Hydrographs for Chicot wells with four or more measured water levels in Jackson County

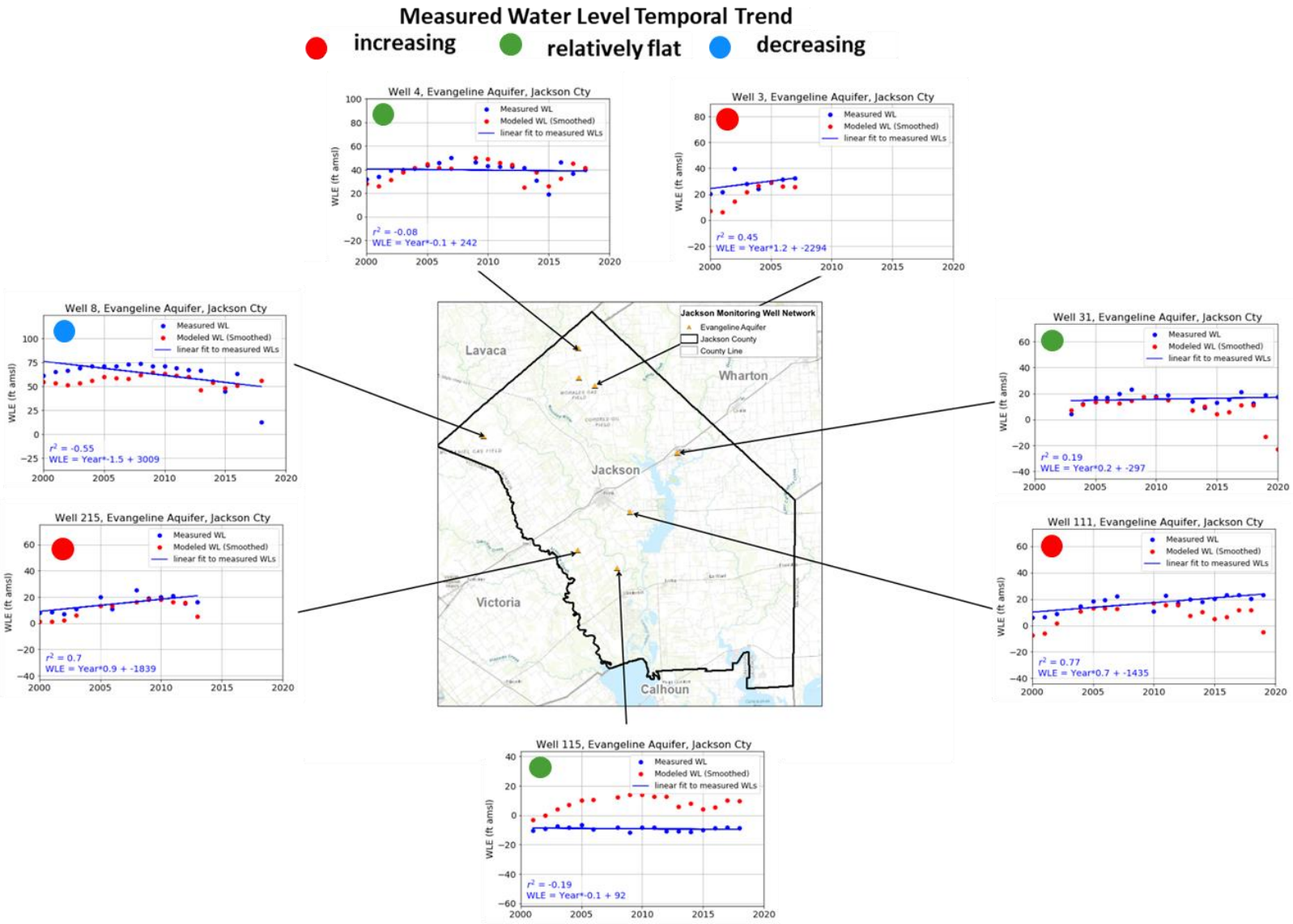



Figure 6-7 Hydrographs for Evangeline wells with four or more measured water levels in Jackson County

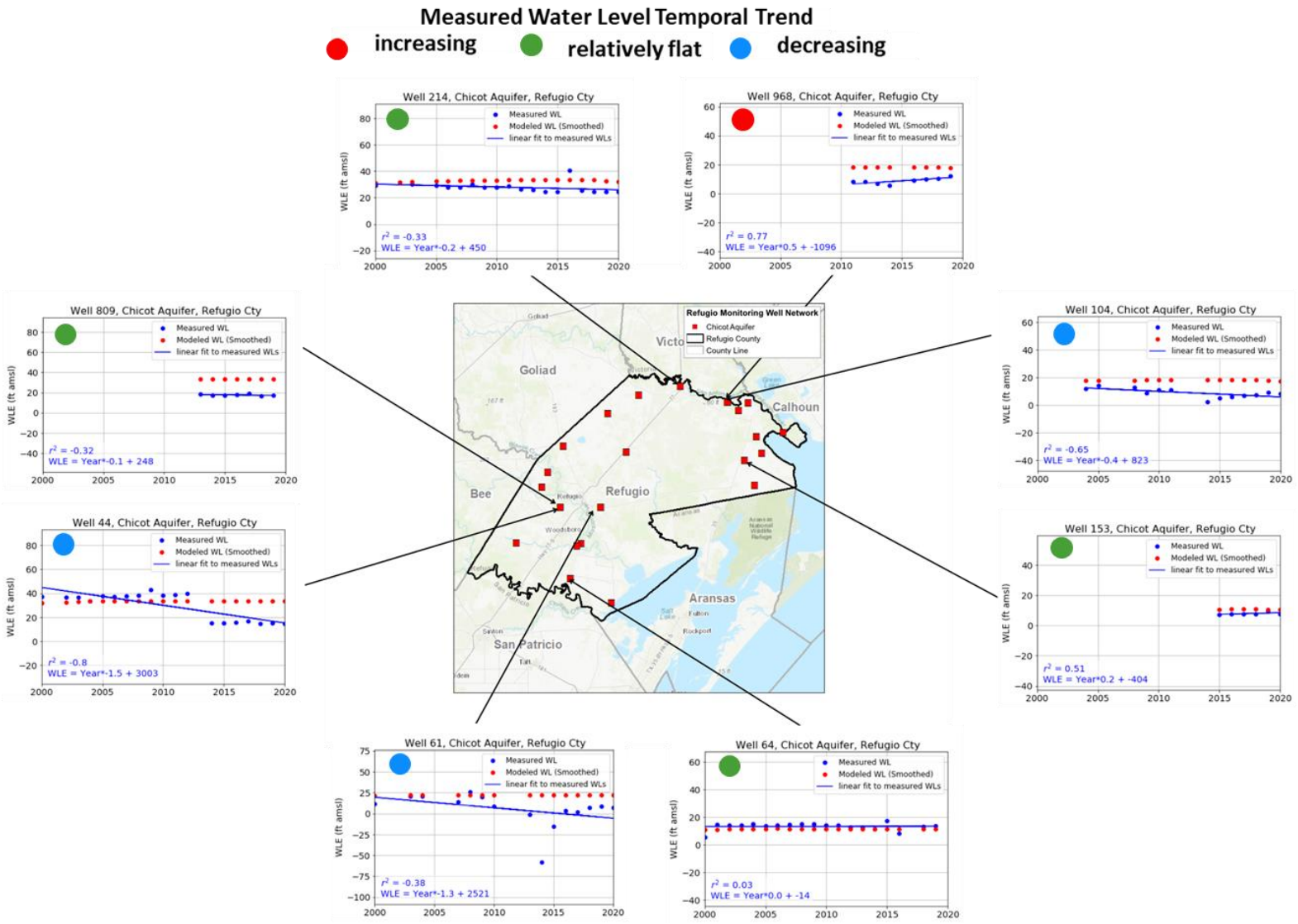



Figure 6-8 Hydrographs for Chicot wells with four or more measured water levels in Refugio County

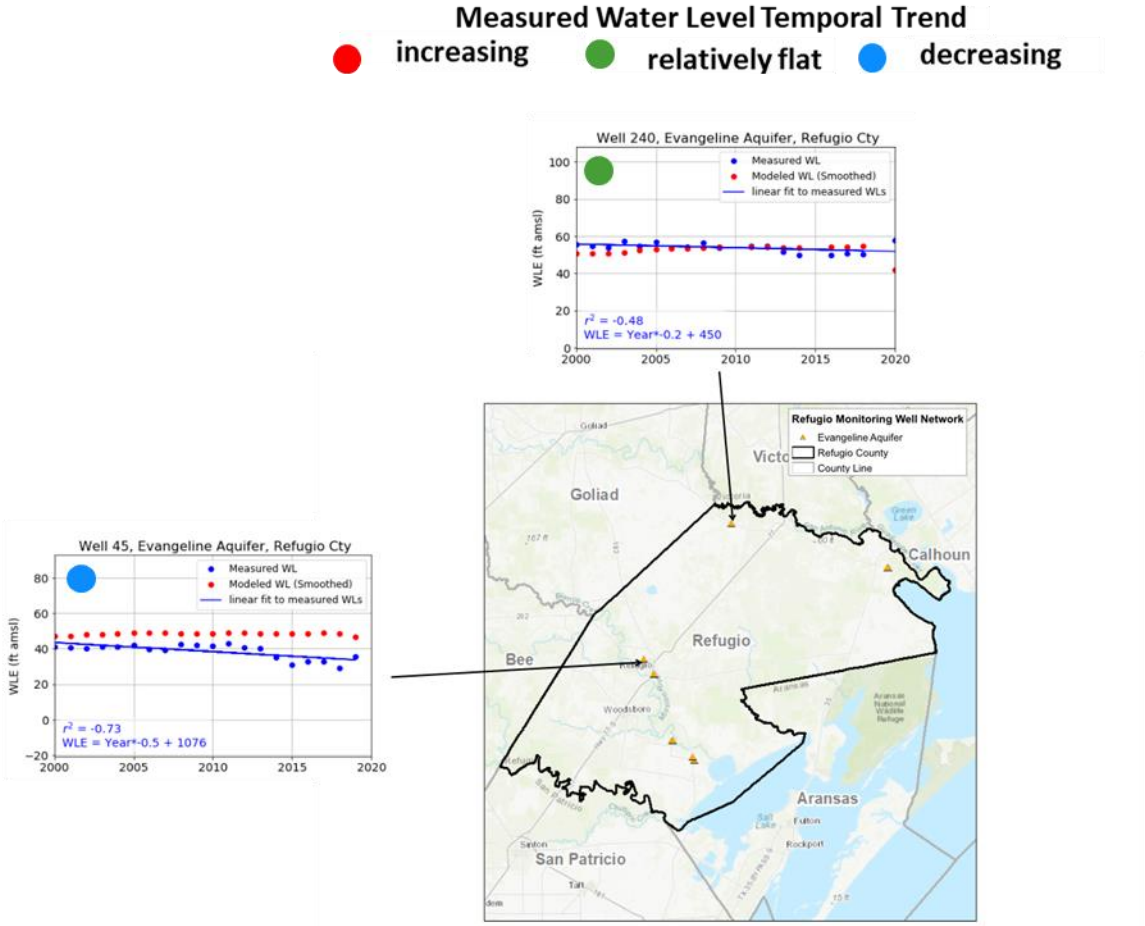



Figure 6-9 Hydrographs for Evangeline wells with four or more measured water levels in Refugio County

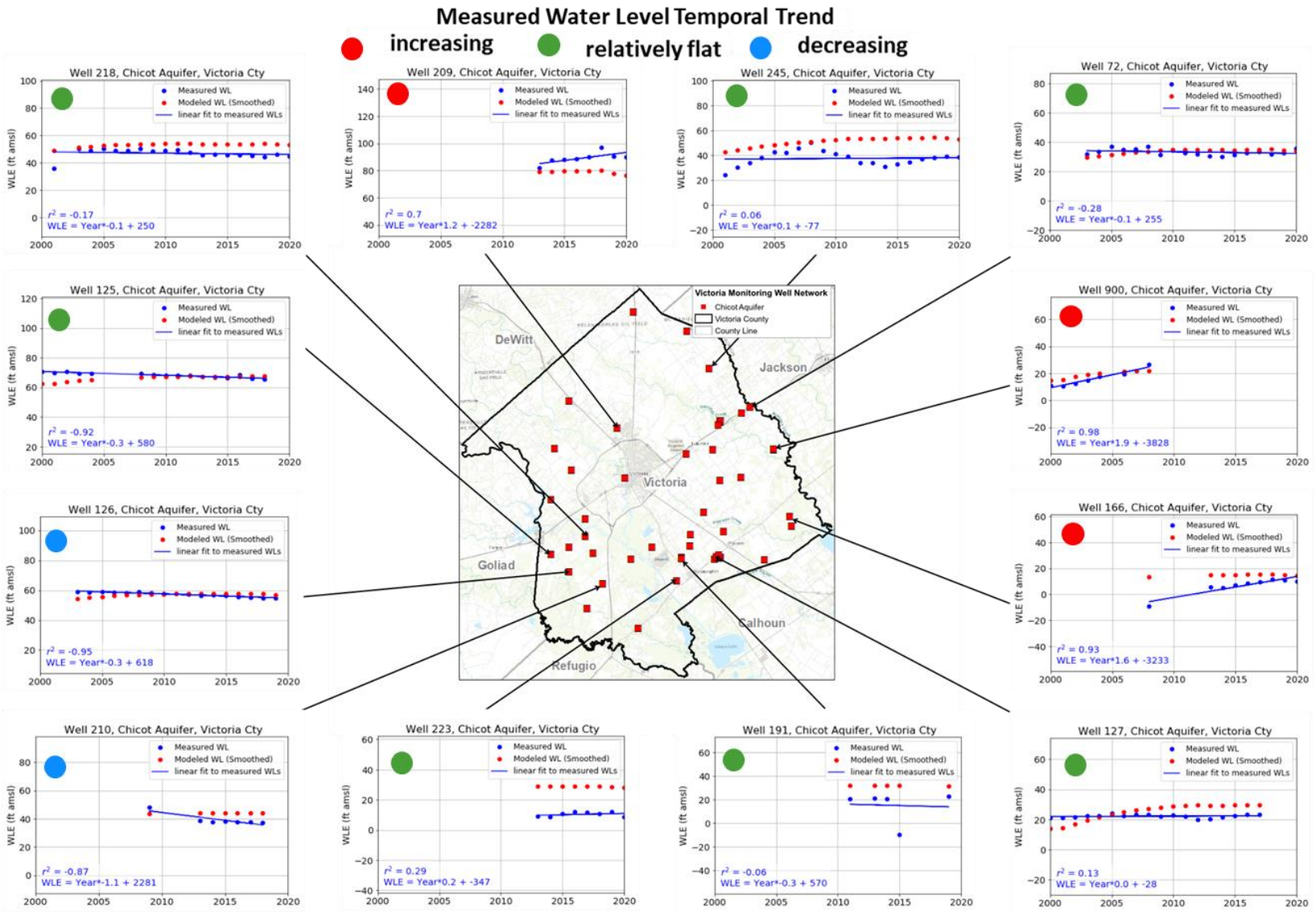



Figure 6-10 Hydrographs for Chicot wells with four or more measured water levels in Victoria County

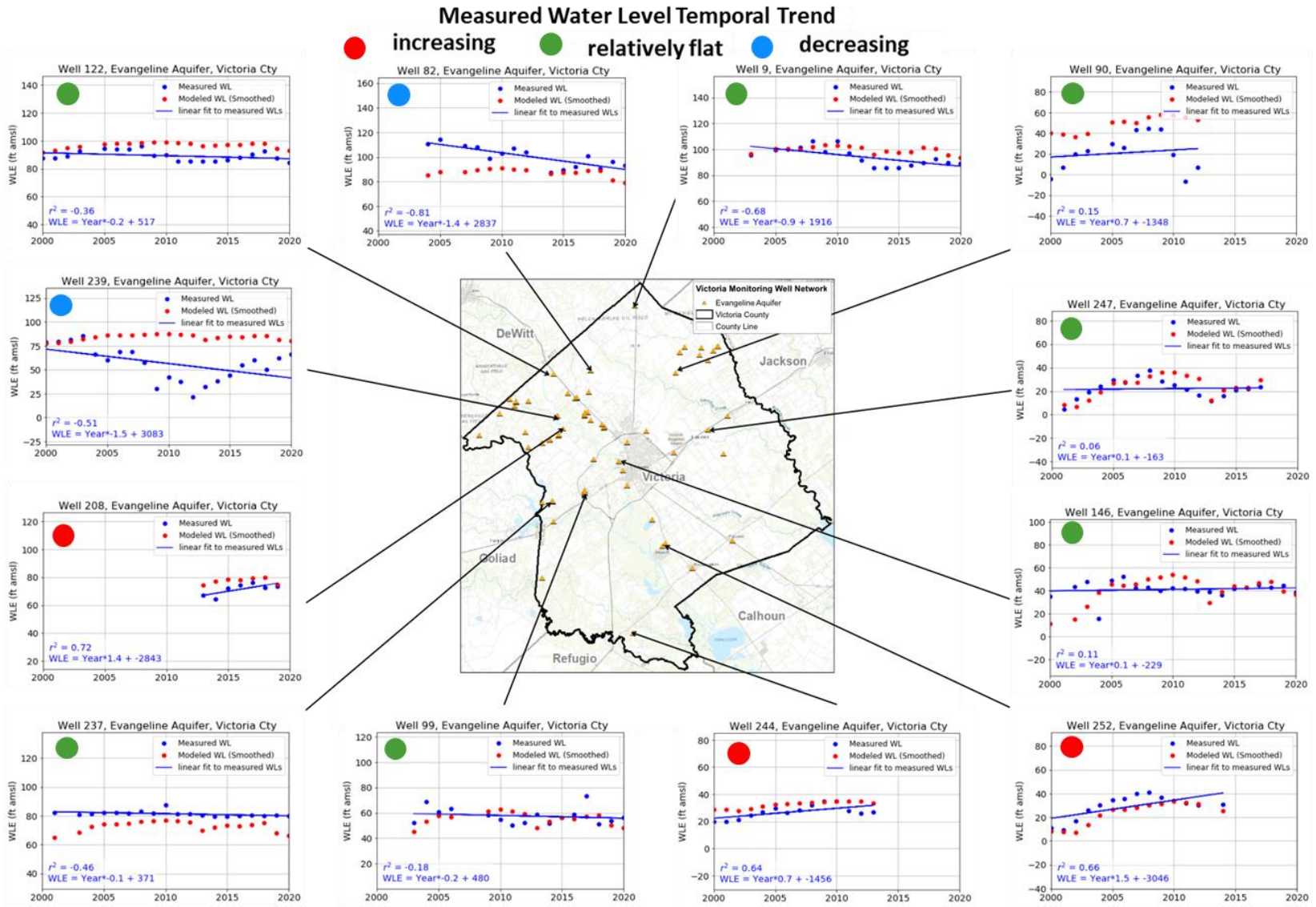



Figure 6-11 Hydrographs for Evangeline wells with four or more measured water levels in Victoria County

# 7.0 RECOMMENDATIONS FOR FUTURE WORK

This section presents recommendations for future work that includes coordinating with the TWDB to integrate the GCD well information into the TWDB groundwater database, expanding and improving the monitoring well network and monitoring programs, and performing additional geostatistical analysis.

## 7.1 Incorporation of GCD well information into the TWDB Groundwater Database

The data mining and analysis performed in Section 2 documents two points. One point is that there is a considerable amount of water level data in the GCD data sets that is not included in the TWDB groundwater database. The second point is that, for most of the 127 wells identified in both the GCD and the TWDB data sets, the two data sets have different locations. Recommendations for future work with coordinating with the TWDB on the well information include:

- Select a common set of latitude and longitude for the 127 wells that shared between the GCD data set and the TWDB groundwater database.
- Survey the location of wells whose locations are in question after a review of the existing data
- Compare well depth and screen information between the GCD data set and the TWDB groundwater database for the purpose of making the two sets of values consistent
- Agree on a methodology with the TWDB for assigning an aquifer to a well and implement it for all wells located in Calhoun, Jackson, Refugio, and Victoria counties.

## 7.2 Expand the Monitoring Well Network and Monitoring Program

There are not studies that have evaluated whether the GCD monitoring well programs are measuring sufficient water level data to provide the resolution and accuracy that the GCDs need to adequately determine average water level conditions and how these water levels change over time. However, it is evident from Figures 2-3 to 2-6 there are areas where the monitoring well density appears sparse and likely too few wells to provide a clear picture of how pumping is affecting water levels over time. Recommendations for future work with expanding and improving the GCD monitoring well network include:

- Establish criteria for assessing the adequacy of well coverage in the Chicot and Evangeline aquifers to address the needs of the GCDs. Possible criteria include well density, spatial distribution of historical and future pumping, and reducing the uncertainty with the interpolated water levels.
- Priority-rank the existing wells for as candidate to augment the existing well network.
- Develop a program of expanding the monitoring network over time.
- Develop protocols for measuring water levels and for establishing criteria for develop protocols for flagging measured water levels that appear to be unrepresentative of actual aquifer conditions.

## 7.3 Expand and Build on the Geostatistical Analysis

Geostatistical techniques include a robust set of algorithms that extend beyond the interpolation of water levels using Kriging. A primary benefit of geostatistical techniques is that they can provide quantification of uncertainty. As illustrated in **Figure 7-1**, the quantification of uncertainty supports two types of analyses that are important to groundwater monitoring. One analysis is estimating the uncertainty associated with the Kriged values calculated for unsampled location. Knowledge of the predictive uncertainty provides useful information regarding: (1) the potential benefits of gathering additional monitoring data, and (2) the likelihood that the interpolated water level at a location (or many locations) exceeds a specified value. The other analysis that geostatistics can provide is determining the best location for a future monitoring well for reducing the predictive uncertainty associated with the interpolation. Knowledge of the optimum monitoring locations to reduce predictive uncertainty is useful information regarding: (1) deciding on the where to add new locations to the monitoring well network, and (2) determining how to expand the monitoring well network to achieve a specific level of confidence associated with the predicted water levels. Recommendations for future work coordinating with the TWDB on the well information include:

- Identify and evaluate potential benefits to groundwater monitoring of quantifying the predictive uncertainty with the Kriged interpolation values in Section 4 and the average annual water levels provided in Section 5.
    - Pending results from the previous task, quantify the predictive uncertainty of the Kriged interpolation values in Section 4 and the average annual water levels provided in Section 5 to best achieve the GCD monitoring goals.
- Develop an approach for determining the best locations for adding new wells to the groundwater monitoring networks and determine there are potential benefits for incorporating geostatistics into the decision-making process.
    - Pending results from the previous task, use geostatistics to help determine the future monitoring well locations that provide the most cost-effective approach for achieve the GCD goals for the monitoring well network.

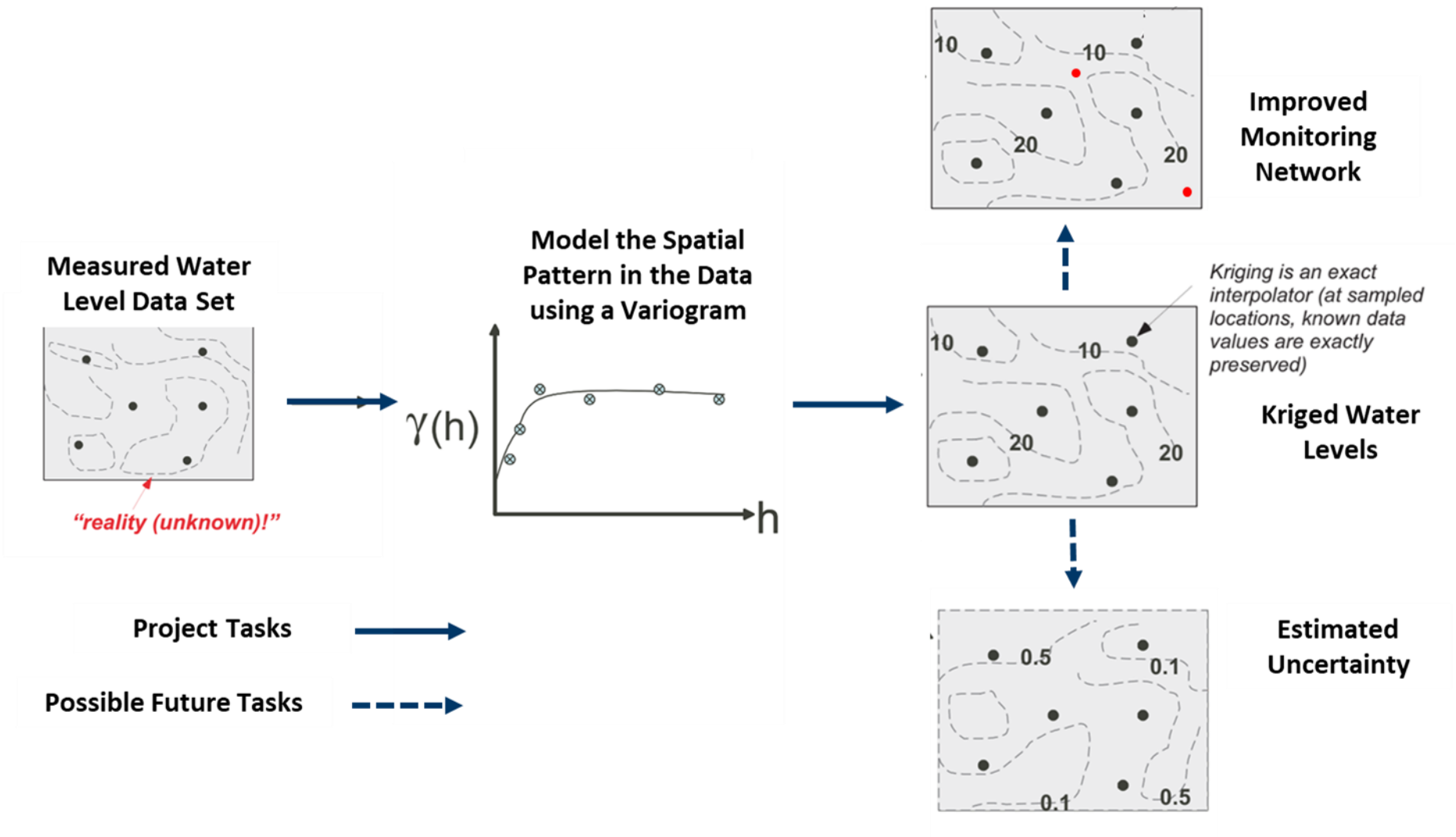



Figure 7-1 Schematic showing the application of geostatistical technial to interpolate water levels, to estimated uncertianity associated with the interpolated water levels, and to improve the design of monitoring well networks

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# APPENDIX A
# NAMES AND LOCATIONS FROM THE GCD AND TWDB WELL DATA SETS FOR 127 WELL PAIRS

Table A-1 Names and Location Wells that have been Paired

| GCD Well ID | TWDB Well ID | from TWDB | | from GCD | | Distance (ft) |
|---|---|---|---|---|---|---|
| | | Latitude | Longitude | Latitude | Longitude | |
| Calhoun County GCD - GW-00007 | 8019506 | 28.6788 | -96.6787 | 28.6789 | -96.6789 | 49.7 |
| Calhoun County GCD - GW-00008 | 8019802 | 28.6270 | -96.6790 | 28.6269 | -96.6792 | 69.1 |
| Calhoun County GCD - GW-00009 | 8026501 | 28.5491 | -96.8023 | 28.5492 | -96.8025 | 68.1 |
| Calhoun County GCD - GW-00010 | 8027501 | 28.5808 | -96.6958 | 28.5808 | -96.6958 | 0.0 |
| Calhoun County GCD - GW-00011 | 8027601 | 28.5566 | -96.6363 | 28.5567 | -96.6369 | 183.6 |
| Calhoun County GCD - GW-00012 | 8035704 | 28.4133 | -96.7133 | 28.4133 | -96.7133 | 0.8 |
| Calhoun County GCD - GW-00013 | 8037601 | 28.4406 | -96.4144 | 28.4406 | -96.4145 | 26.8 |
| Calhoun County GCD - GW-00014 | 8019503 | 28.6712 | -96.6978 | 28.6711 | -96.6978 | 33.8 |
| Refugio GCD - GW-00079 | 7954803 | 28.1472 | -97.3072 | 28.1472 | -97.3072 | 0.5 |
| Refugio GCD - GW-00085 | 7947702 | 28.2889 | -97.2339 | 28.2889 | -97.2339 | 0.5 |
| Refugio GCD - GW-00124 | 7931901 | 28.5236 | -97.1339 | 28.5236 | -97.1339 | 0.5 |
| Refugio GCD - GW-00234 | 7932802 | 28.5281 | -97.0453 | 28.5281 | -97.0453 | 0.5 |
| Refugio GCD - GW-00235 | 7946601 | 28.3219 | -97.2900 | 28.3219 | -97.2900 | 0.6 |
| Refugio GCD - GW-00370 | 8042507 | 28.3253 | -96.7922 | 28.3253 | -96.7922 | 0.5 |
| Refugio GCD - GW-00439 | 8033901 | 28.3750 | -96.9047 | 28.3751 | -96.9047 | 35.5 |
| Refugio GCD - NW-00340 | 8033203 | 28.4931 | -96.9389 | 28.4931 | -96.9389 | 0.5 |
| Refugio GCD - NW-00474 | 7939105 | 28.4764 | -97.2117 | 28.4764 | -97.2117 | 0.4 |
| Refugio GCD - NW-00475 | 7946803 | 28.2900 | -97.3250 | 28.2900 | -97.3250 | 0.5 |
| Texana GCD - GW-00112 | 8021601 | 28.6861 | -96.3853 | 28.6863 | -96.3855 | 84.8 |
| Texana GCD - GW-00119 | 8021214 | 28.7211 | -96.4522 | 28.7212 | -96.4524 | 73.0 |
| Texana GCD - GW-00120 | 8021204 | 28.7222 | -96.4444 | 28.7223 | -96.4439 | 180.9 |
| Texana GCD - GW-00121 | 8021203 | 28.7250 | -96.4411 | 28.7249 | -96.4410 | 50.1 |
| Texana GCD - GW-00122 | 8021201 | 28.7250 | -96.4444 | 28.7251 | -96.4445 | 44.8 |
| Texana GCD - GW-00123 | 8021213 | 28.7253 | -96.4481 | 28.7255 | -96.4477 | 138.9 |
| Texana GCD - GW-00247 | 6661808 | 29.0133 | -96.4525 | 29.0133 | -96.4525 | 0.4 |
| Texana GCD - GW-00251 | 6661809 | 29.0219 | -96.4397 | 29.0219 | -96.4397 | 0.2 |
| Texana GCD - GW-00274 | 6660708 | 29.0389 | -96.6211 | 29.0379 | -96.6206 | 396.3 |
| Texana GCD - GW-00275 | 6660701 | 29.0394 | -96.6225 | 29.0396 | -96.6224 | 67.8 |
| Texana GCD - GW-00276 | 6660401 | 29.0628 | -96.6239 | 29.0633 | -96.6241 | 194.4 |
| Texana GCD - GW-00277 | 6660601 | 29.0683 | -96.5308 | 29.0684 | -96.5309 | 34.4 |
| Texana GCD - GW-00278 | 6660613 | 29.0419 | -96.5131 | 29.0420 | -96.5131 | 36.7 |
| Texana GCD - GW-00279 | 6661407 | 29.0622 | -96.4756 | 29.0628 | -96.4756 | 195.5 |
| Texana GCD - GW-00280 | 6660501 | 29.0769 | -96.5589 | 29.0772 | -96.5589 | 87.0 |
| Texana GCD - GW-00281 | 6660205 | 29.1061 | -96.5436 | 29.1061 | -96.5439 | 89.0 |
| Texana GCD - GW-00283 | 8011202 | 28.8419 | -96.6833 | 28.8423 | -96.6831 | 150.0 |
| Texana GCD - GW-00285 | 8011201 | 28.8669 | -96.6783 | 28.8670 | -96.6789 | 170.4 |
| Texana GCD - GW-00286 | 8003909 | 28.9061 | -96.6272 | 28.9061 | -96.6273 | 41.5 |
| Texana GCD - GW-00287 | 8004908 | 28.9053 | -96.5300 | 28.9058 | -96.5296 | 232.8 |
| Texana GCD - GW-00288 | 8004601 | 28.9567 | -96.5036 | 28.9572 | -96.5035 | 182.6 |
| Texana GCD - GW-00289 | 8006101 | 28.9978 | -96.3636 | 28.9992 | -96.3623 | 665.3 |
| Texana GCD - GW-00290 | 8005102 | 28.9878 | -96.4892 | 28.9882 | -96.4887 | 224.3 |
| Texana GCD - GW-00291 | 8004504 | 28.9556 | -96.5500 | 28.9558 | -96.5501 | 88.0 |
| Texana GCD - GW-00292 | 8004403 | 28.9525 | -96.6006 | 28.9523 | -96.6007 | 96.4 |
| Texana GCD - GW-00293 | 8006703 | 28.8778 | -96.3350 | 28.8775 | -96.3348 | 108.8 |

| GCD Well ID | TWDB Well ID | from TWDB | | from GCD | | Distance (ft) |
|---|---|---|---|---|---|---|
| | | Latitude | Longitude | Latitude | Longitude | |
| Texana GCD - GW-00294 | 6651505 | 29.2083 | -96.6825 | 29.2083 | -96.6825 | 7.5 |
| Texana GCD - GW-00295 | 6658402 | 29.0764 | -96.8553 | 29.0764 | -96.8553 | 7.3 |
| Texana GCD - GW-00296 | 6652801 | 29.1281 | -96.5806 | 29.1281 | -96.5806 | 7.5 |
| Texana GCD - GW-00297 | 6658601 | 29.0608 | -96.7581 | 29.0608 | -96.7581 | 7.1 |
| Texana GCD - GW-00298 | 8003803 | 28.8961 | -96.6947 | 28.8962 | -96.6947 | 15.6 |
| Texana GCD - GW-00299 | 8011301 | 28.8664 | -96.6253 | 28.8665 | -96.6255 | 94.4 |
| Texana GCD - GW-00320 | 8004101 | 28.9867 | -96.6083 | 28.9866 | -96.6083 | 29.6 |
| Texana GCD - GW-00323 | 8005701 | 28.9053 | -96.4989 | 28.9050 | -96.4989 | 101.2 |
| Texana GCD - GW-00340 | 8002607 | 28.9536 | -96.7744 | 28.9536 | -96.7744 | 4.3 |
| Texana GCD - GW-00354 | 8005502 | 28.9514 | -96.4239 | 28.9516 | -96.4236 | 133.1 |
| Texana GCD - GW-00366 | 6651903 | 29.1494 | -96.6544 | 29.1494 | -96.6551 | 213.8 |
| Texana GCD - GW-00409 | 8003704 | 28.8992 | -96.7225 | 28.8992 | -96.7224 | 21.7 |
| Texana GCD - GW-00410 | 802904 | 28.9111 | -96.7717 | 28.9112 | -96.7716 | 31.9 |
| Texana GCD - GW-00411 | 8002608 | 28.9169 | -96.7581 | 28.9169 | -96.7580 | 18.8 |
| Texana GCD - GW-00412 | 6661810 | 29.0122 | -96.4461 | 29.0122 | -96.4462 | 43.8 |
| Texana GCD - GW-00415 | 6660707 | 29.0331 | -96.6208 | 29.0330 | -96.6208 | 4.2 |
| Texana GCD - GW-00416 | 6660709 | 29.0406 | -96.6211 | 29.0405 | -96.6211 | 18.8 |
| Texana GCD - GW-00417 | 8014405 | 28.7997 | -96.3453 | 28.7997 | -96.3453 | 12.5 |
| Victoria County GCD - GW-000021 | 6657801 | 29.0408 | -96.9181 | 29.0410 | -96.9181 | 54.1 |
| Victoria County GCD - GW-000028 | 8010401 | 28.8283 | -96.8333 | 28.8284 | -96.8328 | 159.7 |
| Victoria County GCD - GW-000047 | 7916102 | 28.8747 | -97.1228 | 28.8748 | -97.1229 | 45.1 |
| Victoria County GCD - GW-000085 | 7915904 | 28.7597 | -97.1642 | 28.7590 | -97.1646 | 287.5 |
| Victoria County GCD - GW-000101 | 8019104 | 28.7353 | -96.7167 | 28.7353 | -96.7167 | 24.9 |
| Victoria County GCD - GW-000102 | 8019105 | 28.7203 | -96.7139 | 28.7202 | -96.7138 | 33.5 |
| Victoria County GCD - GW-000150 | 8010502 | 28.7992 | -96.8031 | 28.7992 | -96.8029 | 47.3 |
| Victoria County GCD - GW-000158 | 7907504 | 28.9200 | -97.2075 | 28.9199 | -97.2075 | 23.3 |
| Victoria County GCD - GW-000181 | 8018105 | 28.7119 | -96.8400 | 28.7119 | -96.8400 | 21.7 |
| Victoria County GCD - GW-000192 | 8018103 | 28.7142 | -96.8361 | 28.7146 | -96.8367 | 244.5 |
| Victoria County GCD - GW-000239 | 8010101 | 28.8667 | -96.8608 | 28.8667 | -96.8608 | 29.9 |
| Victoria County GCD - GW-000244 | 7916903 | 28.7817 | -97.0097 | 28.7815 | -97.0095 | 77.5 |
| Victoria County GCD - GW-000271 | 7916203 | 28.8456 | -97.0814 | 28.8455 | -97.0814 | 38.5 |
| Victoria County GCD - GW-000308 | 7916302 | 28.8506 | -97.0075 | 28.8505 | -97.0076 | 48.3 |
| Victoria County GCD - GW-000311 | 8017905 | 28.6475 | -96.8953 | 28.6474 | -96.8951 | 54.8 |
| Victoria County GCD - GW-000320 | 8017501 | 28.6883 | -96.9425 | 28.6884 | -96.9427 | 50.4 |
| Victoria County GCD - GW-000321 | 8017502 | 28.6842 | -96.9489 | 28.6842 | -96.9490 | 13.4 |
| Victoria County GCD - GW-000339 | 6657406 | 29.0669 | -96.9867 | 29.0670 | -96.9865 | 43.2 |
| Victoria County GCD - GW-000364 | 8002101 | 28.9981 | -96.8675 | 28.9981 | -96.8676 | 38.1 |
| Victoria County GCD - GW-000366 | 8002102 | 28.9733 | -96.8550 | 28.9734 | -96.8549 | 40.3 |
| Victoria County GCD - GW-000375 | 8017101 | 28.7261 | -96.9664 | 28.7261 | -96.9663 | 43.9 |
| Victoria County GCD - GW-000377 | 8002804 | 28.9014 | -96.7978 | 28.9013 | -96.7978 | 34.6 |
| Victoria County GCD - GW-000489 | 8018402 | 28.6739 | -96.8436 | 28.6737 | -96.8437 | 83.2 |
| Victoria County GCD - GW-000494 | 7915305 | 28.8586 | -97.1472 | 28.8585 | -97.1473 | 49.4 |
| Victoria County GCD - GW-000510 | 7916608 | 28.8208 | -97.0236 | 28.8206 | -97.0236 | 102.4 |
| Victoria County GCD - GW-000544 | 7907902 | 28.8936 | -97.1353 | 28.8931 | -97.1350 | 221.6 |
| Victoria County GCD - GW-000552 | 7907505 | 28.9203 | -97.1853 | 28.9204 | -97.1852 | 50.6 |
| Victoria County GCD - GW-000576 | 8002701 | 28.8900 | -96.8375 | 28.8901 | -96.8374 | 46.4 |

| GCD Well ID | TWDB Well ID | from TWDB | | from GCD | | Distance (ft) |
|---|---|---|---|---|---|---|
| | | Latitude | Longitude | Latitude | Longitude | |
| Victoria County GCD - GW-000577 | 7908404 | 28.9239 | -97.0964 | 28.9238 | -97.0965 | 67.0 |
| Victoria County GCD - GW-000578 | 7908403 | 28.9233 | -97.0967 | 28.9232 | -97.0967 | 50.5 |
| Victoria County GCD - GW-000589 | 7908807 | 28.8867 | -97.0722 | 28.8868 | -97.0723 | 40.3 |
| Victoria County GCD - GW-000592 | 8011105 | 28.8419 | -96.7431 | 28.8419 | -96.7431 | 28.0 |
| Victoria County GCD - GW-000595 | 8017801 | 28.6381 | -96.9244 | 28.6382 | -96.9244 | 60.3 |
| Victoria County GCD - GW-000599 | 7907703 | 28.9128 | -97.2094 | 28.9130 | -97.2095 | 69.9 |
| Victoria County GCD - GW-000601 | 7916702 | 28.7756 | -97.0867 | 28.7757 | -97.0867 | 70.3 |
| Victoria County GCD - GW-000602 | 7916701 | 28.7733 | -97.0867 | 28.7735 | -97.0867 | 62.3 |
| Victoria County GCD - GW-000603 | 7916703 | 28.7708 | -97.0867 | 28.7709 | -97.0866 | 37.1 |
| Victoria County GCD - GW-000606 | 7908201 | 28.9658 | -97.0700 | 28.9659 | -97.0701 | 43.7 |
| Victoria County GCD - GW-000607 | 7908805 | 28.8758 | -97.0483 | 28.8758 | -97.0483 | 13.4 |
| Victoria County GCD - GW-000608 | 7915903 | 28.7589 | -97.1450 | 28.7590 | -97.1451 | 59.3 |
| Victoria County GCD - GW-000609 | 7923303 | 28.7278 | -97.1444 | 28.7278 | -97.1444 | 3.3 |
| Victoria County GCD - GW-000610 | 7923601 | 28.6856 | -97.1497 | 28.6855 | -97.1497 | 2.4 |
| Victoria County GCD - GW-000611 | 7924102 | 28.7125 | -97.0869 | 28.7125 | -97.0867 | 90.2 |
| Victoria County GCD - GW-000612 | 7924702 | 28.6575 | -97.1178 | 28.6575 | -97.1178 | 4.3 |
| Victoria County GCD - GW-000613 | 7932602 | 28.5467 | -97.0056 | 28.5466 | -97.0055 | 17.5 |
| Victoria County GCD - GW-000614 | 8001301 | 28.9908 | -96.9078 | 28.9908 | -96.9078 | 7.1 |
| Victoria County GCD - GW-000615 | 8001302 | 28.9592 | -96.9161 | 28.9590 | -96.9160 | 52.8 |
| Victoria County GCD - GW-000616 | 8018401 | 28.6711 | -96.8550 | 28.6711 | -96.8550 | 2.4 |
| Victoria County GCD - GW-000617 | 7907305 | 28.9619 | -97.1381 | 28.9619 | -97.1380 | 5.7 |
| Victoria County GCD - GW-000620 | 6657903 | 29.0194 | -96.8831 | 29.0196 | -96.8829 | 52.4 |
| Victoria County GCD - GW-000687 | 7908406 | 28.9222 | -97.1003 | 28.9222 | -97.1002 | 38.9 |
| Victoria County GCD - GW-000713 | 7915902 | 28.7597 | -97.1456 | 28.7597 | -97.1455 | 28.7 |
| Victoria County GCD - GW-000722 | 7915905 | 28.7600 | -97.1464 | 28.7599 | -97.1464 | 25.6 |
| Victoria County GCD - GW-000948 | 7915301 | 28.8533 | -97.1617 | 28.8530 | -97.1618 | 134.6 |
| Victoria County GCD - GW-000949 | 8009101 | 28.8681 | -96.9719 | 28.8681 | -96.9719 | 1.5 |
| Victoria County GCD - GW-000950 | 8018601 | 28.6675 | -96.7653 | 28.6675 | -96.7653 | 13.2 |
| Victoria County GCD - NW-000016 | 7907503 | 28.9186 | -97.2061 | 28.9186 | -97.2061 | 0.3 |
| Victoria County GCD - NW-000030 | 7924802 | 28.6367 | -97.0572 | 28.6367 | -97.0572 | 0.3 |
| Victoria County GCD - NW-000097 | 7907707 | 28.9011 | -97.2372 | 28.9010 | -97.2372 | 49.0 |
| Victoria County GCD - NW-000122 | 8017602 | 28.6736 | -96.9144 | 28.6738 | -96.9145 | 55.5 |
| Victoria County GCD - NW-000165 | 7915306 | 28.8656 | -97.1311 | 28.8656 | -97.1311 | 4.0 |
| Victoria County GCD - NW-000310 | 8018404 | 28.6744 | -96.8483 | 28.6745 | -96.8484 | 17.7 |
| Victoria County GCD - NW-000333 | 7908903 | 28.8831 | -97.0242 | 28.8831 | -97.0242 | 1.0 |
| Victoria County GCD - NW-000425 | 8017603 | 28.6753 | -96.9142 | 28.6752 | -96.9143 | 48.0 |
| Victoria County GCD - NW-000426 | 7907404 | 28.9242 | -97.2186 | 28.9241 | -97.2186 | 15.0 |

# APPENDIX B
# LISTING OF 890 WELLS THAT COMPRISED THE INTEGRATED WELL DATABASE

| INTERA Master ID | GCD Well ID | TWDB Well ID | Land Surface Elevation (ft) | Well Depth (ft) | Assigned Unit | County |
|---|---|---|---|---|---|---|
| 1 | Texana GCD - GW-00410 | 802904 | 55 | 200 | Chicot | Jackson |
| 2 | Texana GCD - GW-00394 | | 137 | 400 | Chicot | Jackson |
| 3 | Texana GCD - GW-00366 | 6651903 | 109 | 618 | Evangeline | Jackson |
| 4 | Texana GCD - GW-00294 | 6651505 | 128 | 627 | Evangeline | Jackson |
| 5 | Texana GCD - GW-00297 | 6658601 | 90 | 76 | Chicot | Jackson |
| 6 | Texana GCD - GW-00301 | | 89 | 214 | Chicot | Jackson |
| 7 | Texana GCD - GW-00296 | 6652801 | 91 | 620 | Chicot | Jackson |
| 8 | Texana GCD - GW-00295 | 6658402 | 116 | 702 | Evangeline | Jackson |
| 9 | Victoria County GCD - GW-000339 | 6657406 | 185 | 270 | Evangeline | Victoria |
| 10 | Victoria County GCD - GW-000021 | 6657801 | 128 | na | Shallow | Victoria |
| 11 | Victoria County GCD - GW-000620 | 6657903 | 111 | na | Shallow | Victoria |
| 12 | Victoria County GCD - GW-000212 | | 110 | 137 | Chicot | Victoria |
| 13 | Texana GCD - GW-00195 | | 54 | na | Shallow | Jackson |
| 14 | Texana GCD - GW-00251 | 6661809 | 64 | 200 | Chicot | Jackson |
| 15 | Texana GCD - GW-00247 | 6661808 | 65 | na | Shallow | Jackson |
| 16 | Texana GCD - GW-00412 | 6661810 | 64 | 200 | Chicot | Jackson |
| 17 | Texana GCD - GW-00274 | 6660708 | 61 | 38 | Chicot | Jackson |
| 18 | Texana GCD - GW-00416 | 6660709 | 62 | 42 | Chicot | Jackson |
| 19 | Texana GCD - GW-00281 | 6660205 | 83 | 224 | Chicot | Jackson |
| 20 | Texana GCD - GW-00277 | 6660601 | 72 | 61 | Chicot | Jackson |
| 21 | Texana GCD - GW-00300 | | 65 | 527 | Chicot | Jackson |
| 22 | Texana GCD - GW-00279 | 6661407 | 66 | 175 | Chicot | Jackson |
| 23 | Refugio GCD - GW-00424 | | 86 | 55 | Chicot | Refugio |
| 24 | Refugio GCD - GW-00434 | | 35 | 6520 | Jasper | Refugio |
| 25 | Refugio GCD - GW-00430 | | 87 | 108 | Chicot | Refugio |
| 26 | Texana GCD - GW-00077 | | 30 | na | Shallow | Jackson |
| 27 | Texana GCD - GW-00082 | | 29 | na | Shallow | Jackson |
| 28 | Texana GCD - NW-00310 | | 90 | 124 | Chicot | Jackson |
| 29 | Texana GCD - GW-00276 | 6660401 | 81 | 286 | Chicot | Jackson |
| 30 | Texana GCD - GW-00280 | 6660501 | 77 | 200 | Chicot | Jackson |
| 31 | Texana GCD - GW-00278 | 6660613 | 64 | 850 | Evangeline | Jackson |
| 32 | Texana GCD - GW-00275 | 6660701 | 73 | 63 | Chicot | Jackson |
| 33 | Texana GCD - GW-00244 | | 60 | na | Shallow | Jackson |
| 34 | Texana GCD - NW-00144 | | 10 | 190 | Chicot | Jackson |
| 35 | Texana GCD - GW-00110 | | 13 | 120 | Chicot | Jackson |
| 36 | Texana GCD - GW-00117 | | 10 | na | Shallow | Jackson |
| 37 | Calhoun County GCD - GW-00005 | | 15 | 490 | Chicot | Calhoun |
| 38 | Calhoun County GCD - NW-00024 | | 15 | 490 | Chicot | Calhoun |
| 39 | Texana GCD - GW-00310 | | 15 | 490 | Chicot | Jackson |
| 40 | Texana GCD - GW-00311 | | 15 | 490 | Chicot | Jackson |
| 41 | Texana GCD - NW-00143 | | 11 | 210 | Chicot | Jackson |
| 42 | Texana GCD - NW-00147 | | 11 | 160 | Chicot | Jackson |
| 43 | Refugio GCD - GW-00180 | 7946803 | 53 | 365 | Chicot | Refugio |
| 44 | Refugio GCD - NW-00475 | | 53 | 365 | Chicot | Refugio |
| 45 | Refugio GCD - GW-00235 | 7946601 | 64 | 525 | Evangeline | Refugio |

| INTERA Master ID | GCD Well ID | TWDB Well ID | Land Surface Elevation (ft) | Well Depth (ft) | Assigned Unit | County |
|---|---|---|---|---|---|---|
| 46 | Texana GCD - GW-00452 | | 10 | 630 | Chicot | Jackson |
| 47 | Texana GCD - GW-00140 | | 12 | 520 | Chicot | Jackson |
| 48 | Texana GCD - NW-00075 | | 12 | 520 | Chicot | Jackson |
| 49 | Texana GCD - NW-00141 | | 12 | 520 | Chicot | Jackson |
| 50 | Texana GCD - GW-00111 | | 10 | 120 | Chicot | Jackson |
| 51 | Texana GCD - GW-00340 | 8002607 | 74 | na | Shallow | Jackson |
| 52 | Texana GCD - GW-00291 | 8004504 | 51 | 277 | Chicot | Jackson |
| 53 | Refugio GCD - NW-00570 | | 25 | 320 | Chicot | Refugio |
| 54 | Refugio GCD - NW-00539 | | 30 | 300 | Chicot | Refugio |
| 55 | Calhoun County GCD - GW-00014 | 8019503 | 27 | 265 | Chicot | Calhoun |
| 56 | Calhoun County GCD - GW-00007 | 8019506 | 23 | 280 | Chicot | Calhoun |
| 57 | Texana GCD - GW-00122 | 8021201 | 20 | 468 | Chicot | Jackson |
| 58 | Texana GCD - GW-00112 | 8021601 | 12 | 635 | Chicot | Jackson |
| 59 | Texana GCD - NW-00146 | | 12 | 635 | Chicot | Jackson |
| 60 | Texana GCD - GW-00286 | 8003909 | 49 | 61 | Chicot | Jackson |
| 61 | Refugio GCD - GW-00085 | 7947702 | 40 | 200 | Chicot | Refugio |
| 62 | Refugio GCD - GW-0085 | | 40 | 200 | Chicot | Refugio |
| 63 | Refugio GCD - GW-00423 | | 25 | 260 | Chicot | Refugio |
| 64 | Refugio GCD - GW-00079 | 7954803 | 35 | 331 | Chicot | Refugio |
| 65 | Texana GCD - GW-00285 | 8011201 | 49 | 579 | Chicot | Jackson |
| 66 | Texana GCD - GW-00312 | | 20 | 590 | Chicot | Jackson |
| 67 | Victoria County GCD - GW-000980 | | 76 | na | Shallow | Victoria |
| 68 | Victoria County GCD - GW-000562 | | 84 | na | Shallow | Victoria |
| 69 | Victoria County GCD - GW-000195 | | 85 | na | Shallow | Victoria |
| 70 | Victoria County GCD - GW-000717 | | 71 | 80 | Chicot | Victoria |
| 71 | Victoria County GCD - NW-001349 | | 58 | 51 | Chicot | Victoria |
| 72 | Victoria County GCD - GW-000377 | 8002804 | 63 | 92 | Chicot | Victoria |
| 73 | Texana GCD - GW-00253 | | 65 | na | Shallow | Jackson |
| 74 | Texana GCD - GW-00076 | | 28 | na | Shallow | Jackson |
| 75 | Texana GCD - GW-00090 | | 13 | na | Shallow | Jackson |
| 76 | Texana GCD - NW-00451 | | 14 | 384 | Chicot | Jackson |
| 77 | Victoria County GCD - GW-000950 | 8018601 | 42 | 300 | Chicot | Victoria |
| 78 | Victoria County GCD - GW-000085 | 7915904 | 107 | 100 | Evangeline | Victoria |
| 79 | Victoria County GCD - GW-000308 | 7916302 | 85 | 772 | Evangeline | Victoria |
| 80 | Victoria County GCD - GW-000311 | 8017905 | 55 | 1010 | Evangeline | Victoria |
| 81 | Refugio GCD - GW-00418 | | 38 | 55 | Chicot | Refugio |
| 82 | Victoria County GCD - GW-000606 | 7908201 | 185 | 350 | Evangeline | Victoria |
| 83 | Victoria County GCD - GW-000734 | | 62 | 100 | Chicot | Victoria |
| 84 | Calhoun County GCD - GW-00008 | 8019802 | 24 | 243 | Chicot | Calhoun |
| 85 | Victoria County GCD - GW-000971 | | 95 | 60 | Chicot | Victoria |
| 86 | Victoria County GCD - GW-000732 | | 57 | 40 | Chicot | Victoria |
| 87 | Texana GCD - GW-00293 | 8006703 | 35 | 590 | Chicot | Jackson |
| 88 | Texana GCD - GW-00121 | 8021203 | 17 | 482 | Chicot | Jackson |
| 89 | Texana GCD - GW-00283 | 8011202 | 44 | 500 | Chicot | Jackson |
| 90 | Victoria County GCD - GW-000615 | 8001302 | 115 | 752 | Evangeline | Victoria |

| INTERA Master ID | GCD Well ID | TWDB Well ID | Land Surface Elevation (ft) | Well Depth (ft) | Assigned Unit | County |
|---|---|---|---|---|---|---|
| 91 | Victoria County GCD - GW-000614 | 8001301 | 119 | 670 | Evangeline | Victoria |
| 92 | Victoria County GCD - GW-000735 | | 119 | 670 | Evangeline | Victoria |
| 93 | Victoria County GCD - R1GW-000738 | | 119 | 670 | Evangeline | Victoria |
| 94 | Victoria County GCD - GW-000934 | | 92 | 600 | Evangeline | Victoria |
| 95 | Victoria County GCD - GW-000938 | | 92 | 600 | Evangeline | Victoria |
| 96 | Victoria County GCD - GW-000939 | | 92 | 600 | Evangeline | Victoria |
| 97 | Victoria County GCD - GW-000949 | 8009101 | 115 | 851 | Evangeline | Victoria |
| 98 | Victoria County GCD - GW-000602 | 7916701 | 103 | 578 | Evangeline | Victoria |
| 99 | Victoria County GCD - GW-000603 | 7916703 | 107 | 516 | Evangeline | Victoria |
| 100 | Calhoun County GCD - GW-00003 | | 35 | 75 | Chicot | Calhoun |
| 101 | Victoria County GCD - GW-000028 | 8010401 | 66 | 654 | Evangeline | Victoria |
| 102 | Victoria County GCD - GW-000713 | 7915902 | 128 | 298 | Evangeline | Victoria |
| 103 | Refugio GCD - GW-00419 | | 40 | 60 | Chicot | Refugio |
| 104 | Refugio GCD - NW-00340 | 8033203 | 45 | 150 | Chicot | Refugio |
| 105 | Victoria County GCD - GW-000484 | | 135 | 109 | Evangeline | Victoria |
| 106 | Victoria County GCD - GW-000789 | | 122 | 287 | Evangeline | Victoria |
| 107 | Victoria County GCD - GW-000791 | | 122 | 287 | Evangeline | Victoria |
| 108 | Victoria County GCD - GW-000803 | | 122 | 287 | Evangeline | Victoria |
| 109 | Victoria County GCD - GW-000190 | | 187 | 65 | Chicot | Victoria |
| 110 | Texana GCD - GW-00417 | 8014405 | 25 | 370 | Chicot | Jackson |
| 111 | Texana GCD - GW-00292 | 8004403 | 59 | 681 | Evangeline | Jackson |
| 112 | Texana GCD - GW-00290 | 8005102 | 60 | 410 | Chicot | Jackson |
| 113 | Texana GCD - GW-00354 | 8005502 | 56 | 345 | Chicot | Jackson |
| 114 | Texana GCD - GW-00323 | 8005701 | 49 | 429 | Chicot | Jackson |
| 115 | Texana GCD - GW-00299 | 8011301 | 33 | 1050 | Evangeline | Jackson |
| 116 | Texana GCD - GW-00284 | | 41 | 400 | Chicot | Jackson |
| 117 | Refugio GCD - GW-00417 | | 78 | 2343 | Burkeville | Refugio |
| 118 | Texana GCD - GW-00120 | 8021204 | 20 | 590 | Chicot | Jackson |
| 119 | Calhoun County GCD - GW-00012 | 8035704 | 10 | 341 | Chicot | Calhoun |
| 120 | Victoria County GCD - GW-000310 | | 64 | 305 | Chicot | Victoria |
| 121 | Victoria County GCD - NW-000116 | | 64 | 305 | Chicot | Victoria |
| 122 | Victoria County GCD - GW-000617 | 7907305 | 163 | 419 | Evangeline | Victoria |
| 123 | Victoria County GCD - GW-000700 | | 145 | 80 | Chicot | Victoria |
| 124 | Victoria County GCD - GW-000192 | 8018103 | 52 | 120 | Chicot | Victoria |
| 125 | Victoria County GCD - GW-000610 | 7923601 | 114 | 115 | Chicot | Victoria |
| 126 | Victoria County GCD - GW-000612 | 7924702 | 107 | 180 | Chicot | Victoria |
| 127 | Victoria County GCD - GW-000616 | 8018401 | 57 | 450 | Chicot | Victoria |
| 128 | Victoria County GCD - GW-000767 | | 57 | 450 | Chicot | Victoria |
| 129 | Refugio GCD - GW-00370 | 8042507 | 18 | na | Shallow | Refugio |
| 130 | Victoria County GCD - GW-000489 | 8018402 | 56 | 336 | Chicot | Victoria |
| 131 | Victoria County GCD - GW-000824 | | 56 | 336 | Chicot | Victoria |
| 132 | Victoria County GCD - NW-000944 | | 56 | 336 | Chicot | Victoria |
| 133 | Victoria County GCD - NW-001006 | | 56 | 336 | Chicot | Victoria |
| 134 | Victoria County GCD - NW-001007 | | 56 | 336 | Chicot | Victoria |
| 135 | Texana GCD - GW-00289 | 8006101 | 65 | 550 | Chicot | Jackson |

| INTERA Master ID | GCD Well ID | TWDB Well ID | Land Surface Elevation (ft) | Well Depth (ft) | Assigned Unit | County |
|---|---|---|---|---|---|---|
| 136 | Texana GCD - GW-00123 | 8021213 | 22 | 490 | Chicot | Jackson |
| 137 | Texana GCD - GW-00288 | 8004601 | 54 | 378 | Chicot | Jackson |
| 138 | Texana GCD - GW-00287 | 8004908 | 49 | 82 | Chicot | Jackson |
| 139 | Texana GCD - GW-00385 | | 36 | 330 | Chicot | Jackson |
| 140 | Texana GCD - GW-00075 | | 27 | na | Shallow | Jackson |
| 141 | Texana GCD - GW-00114 | | 11 | 140 | Chicot | Jackson |
| 142 | Texana GCD - GW-00411 | 8002608 | 61 | 200 | Chicot | Jackson |
| 143 | Texana GCD - GW-00172 | | 44 | na | Shallow | Jackson |
| 144 | Texana GCD - GW-00171 | | 44 | na | Shallow | Jackson |
| 145 | Texana GCD - GW-00409 | 8003704 | 53 | na | Shallow | Jackson |
| 146 | Victoria County GCD - GW-000510 | 7916608 | 65 | 327 | Evangeline | Victoria |
| 147 | Victoria County GCD - GW-000927 | | 101 | 783 | Evangeline | Victoria |
| 148 | Texana GCD - GW-00305 | | 5 | 520 | Chicot | Jackson |
| 149 | Calhoun County GCD - GW-00013 | 8037601 | 4 | 228 | Chicot | Calhoun |
| 150 | Calhoun County GCD - GW-00009 | 8026501 | 39 | 267 | Chicot | Calhoun |
| 151 | Calhoun County GCD - GW-00011 | 8027601 | 16 | 273 | Chicot | Calhoun |
| 152 | Refugio GCD - GW-00422 | | 22 | na | Shallow | Refugio |
| 153 | Refugio GCD - GW-00439 | 8033901 | 22 | 200 | Chicot | Refugio |
| 154 | Victoria County GCD - GW-000948 | 7915301 | 150 | 150 | Evangeline | Victoria |
| 155 | Victoria County GCD - NW-001014 | | 147 | 55 | Chicot | Victoria |
| 156 | Victoria County GCD - GW-000395 | | 80 | na | Shallow | Victoria |
| 157 | Victoria County GCD - GW-000779 | | 85 | na | Shallow | Victoria |
| 158 | Victoria County GCD - GW-000780 | | 85 | na | Shallow | Victoria |
| 159 | Victoria County GCD - GW-000942 | | 85 | na | Shallow | Victoria |
| 160 | Victoria County GCD - GW-000943 | | 85 | na | Shallow | Victoria |
| 161 | Victoria County GCD - GW-000944 | | 85 | na | Shallow | Victoria |
| 162 | Calhoun County GCD - GW-00001 | | 19 | 175 | Chicot | Calhoun |
| 163 | Victoria County GCD - GW-000989 | | 59 | na | Shallow | Victoria |
| 164 | Victoria County GCD - GW-000682 | | 115 | na | Shallow | Victoria |
| 165 | Victoria County GCD - GW-000590 | | 103 | na | Shallow | Victoria |
| 166 | Victoria County GCD - GW-000101 | 8019104 | 31 | 180 | Chicot | Victoria |
| 167 | Victoria County GCD - GW-000102 | 8019105 | 22 | 170 | Chicot | Victoria |
| 168 | Victoria County GCD - GW-000576 | 8002701 | 71 | 100 | Chicot | Victoria |
| 169 | Victoria County GCD - NW-000438 | | 71 | 100 | Chicot | Victoria |
| 170 | Victoria County GCD - NW-000550 | | 71 | 100 | Chicot | Victoria |
| 171 | Victoria County GCD - NW-000426 | 7907404 | 205 | 360 | Evangeline | Victoria |
| 172 | Victoria County GCD - GW-000587 | | 138 | na | Shallow | Victoria |
| 173 | Victoria County GCD - GW-000271 | 7916203 | 87 | na | Shallow | Victoria |
| 174 | Victoria County GCD - GW-000591 | | 101 | na | Shallow | Victoria |
| 175 | Victoria County GCD - NW-000122 | 8017602 | 61 | 140 | Chicot | Victoria |
| 176 | Victoria County GCD - NW-000016 | 7907503 | 160 | 250 | Evangeline | Victoria |
| 177 | Victoria County GCD - GW-000552 | 7907505 | 161 | 112 | Evangeline | Victoria |
| 178 | Victoria County GCD - GW-000723 | | 103 | 205 | Evangeline | Victoria |
| 179 | Victoria County GCD - GW-000150 | 8010502 | 57 | 140 | Chicot | Victoria |
| 180 | Victoria County GCD - GW-000967 | | 56 | 185 | Chicot | Victoria |

| INTERA Master ID | GCD Well ID | TWDB Well ID | Land Surface Elevation (ft) | Well Depth (ft) | Assigned Unit | County |
|---|---|---|---|---|---|---|
| 181 | Victoria County GCD - GW-000970 | | 56 | 185 | Chicot | Victoria |
| 182 | Victoria County GCD - NW-000310 | 8018404 | 56 | 185 | Chicot | Victoria |
| 183 | Victoria County GCD - GW-000227 | | 57 | na | Shallow | Victoria |
| 184 | Victoria County GCD - NW-000779 | | 65 | 190 | Chicot | Victoria |
| 185 | Victoria County GCD - GW-000578 | 7908403 | 139 | 100 | Evangeline | Victoria |
| 186 | Victoria County GCD - GW-000589 | 7908807 | 88 | 220 | Evangeline | Victoria |
| 187 | Texana GCD - GW-00415 | 6660707 | 56 | 24 | Chicot | Jackson |
| 188 | Victoria County GCD - GW-000588 | | 201 | na | Shallow | Victoria |
| 189 | Victoria County GCD - GW-000722 | 7915905 | 128 | 120 | Evangeline | Victoria |
| 190 | Victoria County GCD - GW-000158 | 7907504 | 189 | na | Evangeline | Victoria |
| 191 | Victoria County GCD - NW-000425 | 8017603 | 63 | 100 | Chicot | Victoria |
| 192 | Victoria County GCD - GW-000687 | 7908406 | 125 | 152 | Evangeline | Victoria |
| 193 | Refugio GCD - GW-00420 | | 33 | 907 | Evangeline | Refugio |
| 194 | Refugio GCD - GW-00421 | | 33 | 907 | Evangeline | Refugio |
| 195 | Refugio GCD - GW-00426 | | 7 | 900 | Evangeline | Refugio |
| 196 | Refugio GCD - NW-00277 | | 7 | 900 | Evangeline | Refugio |
| 197 | Victoria County GCD - NW-000097 | 7907707 | 189 | 208 | Evangeline | Victoria |
| 198 | Texana GCD - GW-00073 | | 29 | na | Shallow | Jackson |
| 199 | Texana GCD - GW-00113 | | 10 | 120 | Chicot | Jackson |
| 200 | Texana GCD - NW-00195 | | 56 | 330 | Chicot | Jackson |
| 201 | Victoria County GCD - GW-000244 | 7916903 | 50 | 770 | Evangeline | Victoria |
| 202 | Victoria County GCD - GW-000609 | 7923303 | 100 | 194 | Evangeline | Victoria |
| 203 | Victoria County GCD - GW-000718 | | 122 | 200 | Evangeline | Victoria |
| 204 | Victoria County GCD - GW-000494 | 7915305 | 178 | 190 | Evangeline | Victoria |
| 205 | Victoria County GCD - GW-000955 | | 178 | 190 | Evangeline | Victoria |
| 206 | Victoria County GCD - GW-000189 | | 138 | 180 | Evangeline | Victoria |
| 207 | Victoria County GCD - NW-000165 | 7915306 | 138 | 180 | Evangeline | Victoria |
| 208 | Victoria County GCD - GW-000047 | 7916102 | 129 | 227 | Evangeline | Victoria |
| 209 | Victoria County GCD - NW-000333 | 7908903 | 127 | 105 | Chicot | Victoria |
| 210 | Victoria County GCD - NW-000030 | 7924802 | 88 | 120 | Chicot | Victoria |
| 211 | Refugio GCD - NW-00474 | 7939105 | 87 | na | Shallow | Refugio |
| 212 | Refugio GCD - GW-00438 | | 2 | 429 | Chicot | Refugio |
| 213 | Refugio GCD - NW-00176 | | 14 | 503 | Chicot | Refugio |
| 214 | Refugio GCD - GW-00234 | 7932802 | 72 | 165 | Chicot | Refugio |
| 215 | Texana GCD - GW-00298 | 8003803 | 55 | 919 | Evangeline | Jackson |
| 216 | Texana GCD - GW-00320 | 8004101 | 67 | 383 | Chicot | Jackson |
| 217 | Victoria County GCD - GW-000599 | 7907703 | 220 | 170 | Evangeline | Victoria |
| 218 | Victoria County GCD - GW-000611 | 7924102 | 98 | 100 | Chicot | Victoria |
| 219 | Victoria County GCD - NW-000681 | | 88 | 83 | Chicot | Victoria |
| 220 | Victoria County GCD - NW-001050 | | 109 | 64 | Chicot | Victoria |
| 221 | Calhoun County GCD - GW-00010 | 8027501 | 17 | 258 | Chicot | Calhoun |
| 222 | Texana GCD - GW-00119 | 8021214 | 24 | 470 | Chicot | Jackson |
| 223 | Victoria County GCD - GW-000595 | 8017801 | 60 | 305 | Chicot | Victoria |
| 224 | Victoria County GCD - GW-000159 | | 177 | na | Shallow | Victoria |
| 225 | Victoria County GCD - GW-000577 | 7908404 | 147 | 100 | Evangeline | Victoria |

| INTERA Master ID | GCD Well ID | TWDB Well ID | Land Surface Elevation (ft) | Well Depth (ft) | Assigned Unit | County |
|---|---|---|---|---|---|---|
| 226 | Victoria County GCD - GW-000138 | | 137 | na | Shallow | Victoria |
| 227 | Victoria County GCD - GW-000728 | | 137 | na | Shallow | Victoria |
| 228 | Victoria County GCD - GW-000729 | | 137 | na | Shallow | Victoria |
| 229 | Victoria County GCD - NW-000580 | | 137 | na | Shallow | Victoria |
| 230 | Victoria County GCD - GW-000030 | | 64 | na | Shallow | Victoria |
| 231 | Victoria County GCD - GW-000533 | | 45 | na | Shallow | Victoria |
| 232 | Victoria County GCD - GW-000716 | | 437 | na | Shallow | Victoria |
| 233 | Victoria County GCD - GW-000181 | 8018105 | 57 | na | Shallow | Victoria |
| 234 | Victoria County GCD - GW-000492 | | 56 | na | Shallow | Victoria |
| 235 | Victoria County GCD - GW-000583 | | 24 | na | Shallow | Victoria |
| 236 | Victoria County GCD - GW-000607 | 7908805 | 111 | 169 | Evangeline | Victoria |
| 237 | Victoria County GCD - GW-000608 | 7915903 | 125 | 112 | Evangeline | Victoria |
| 238 | Refugio GCD - GW-00375 | | 85 | 200 | Chicot | Refugio |
| 239 | Victoria County GCD - GW-000544 | 7907902 | 105 | 853 | Evangeline | Victoria |
| 240 | Refugio GCD - GW-00124 | 7931901 | 91 | 946 | Evangeline | Refugio |
| 241 | Refugio GCD - GW-00427 | | 5 | 900 | Evangeline | Refugio |
| 242 | Refugio GCD - GW-00428 | | 5 | 900 | Evangeline | Refugio |
| 243 | Victoria County GCD - GW-000375 | 8017101 | 37 | 703 | Evangeline | Victoria |
| 244 | Victoria County GCD - GW-000613 | 7932602 | 63 | 798 | Evangeline | Victoria |
| 245 | Victoria County GCD - GW-000366 | 8002102 | 95 | 366 | Chicot | Victoria |
| 246 | Victoria County GCD - GW-000778 | | 95 | 366 | Evangeline | Victoria |
| 247 | Victoria County GCD - GW-000239 | 8010101 | 78 | 880 | Evangeline | Victoria |
| 248 | Victoria County GCD - GW-000321 | 8017502 | 67 | 1026 | Evangeline | Victoria |
| 249 | Victoria County GCD - GW-000364 | 8002101 | 104 | 600 | Evangeline | Victoria |
| 250 | Victoria County GCD - GW-000601 | 7916702 | 103 | 588 | Evangeline | Victoria |
| 251 | Victoria County GCD - GW-000592 | 8011105 | 49 | 200 | Chicot | Victoria |
| 252 | Victoria County GCD - GW-000320 | 8017501 | 68 | 1026 | Evangeline | Victoria |
| 254 | | 6541401 | 86 | 90 | Chicot | Wharton |
| 255 | | 6541402 | 80 | 338 | Chicot | Wharton |
| 256 | | 6541707 | 88 | 499 | Chicot | Wharton |
| 257 | | 6541805 | 75 | 50 | Chicot | Wharton |
| 258 | | 6541807 | 83 | 612 | Chicot | Wharton |
| 259 | | 6541920 | 75 | 475 | Chicot | Wharton |
| 260 | | 6549110 | 79 | 525 | Chicot | Wharton |
| 261 | | 6549111 | 79 | 525 | Chicot | Wharton |
| 262 | | 6549901 | 58 | 375 | Chicot | Matagorda |
| 263 | | 6557802 | 54 | 315 | Chicot | Matagorda |
| 264 | | 6604504 | 389 | 184 | Shallow | Colorado |
| 265 | | 6611509 | 275 | 856 | Deep | Colorado |
| 266 | | 6611903 | 297 | 92 | Evangeline | Colorado |
| 267 | | 6612204 | 317 | 140 | Shallow | Colorado |
| 268 | | 6612603 | 298 | 188 | Evangeline | Colorado |
| 269 | | 6613805 | 302 | 285 | Chicot | Colorado |
| 270 | | 6614403 | 279 | 153 | Chicot | Colorado |
| 271 | | 6614703 | 266 | 71 | Chicot | Colorado |

| INTERA Master ID | GCD Well ID | TWDB Well ID | Land Surface Elevation (ft) | Well Depth (ft) | Assigned Unit | County |
|---|---|---|---|---|---|---|
| 272 | | 6618601 | 411 | 602 | Jasper | Colorado |
| 273 | | 6618609 | 403 | 803 | Jasper | Colorado |
| 274 | | 6618611 | 403 | 822 | Jasper | Colorado |
| 275 | | 6618612 | 392 | 868 | Jasper | Colorado |
| 276 | | 6619804 | 349 | 140 | Chicot | Colorado |
| 277 | | 6620307 | 217 | 142 | Chicot | Colorado |
| 278 | | 6620412 | 248 | 202 | Evangeline | Colorado |
| 279 | | 6620602 | 203 | 312 | Evangeline | Colorado |
| 280 | | 6620608 | 200 | 325 | Evangeline | Colorado |
| 281 | | 6620901 | 246 | 800 | Burkeville | Colorado |
| 282 | | 6621201 | 300 | 304 | Evangeline | Colorado |
| 283 | | 6621206 | 279 | 318 | Evangeline | Colorado |
| 284 | | 6621404 | 190 | 598 | Evangeline | Colorado |
| 285 | | 6621603 | 239 | 812 | Evangeline | Colorado |
| 286 | | 6621902 | 216 | 800 | Evangeline | Colorado |
| 287 | | 6621903 | 220 | 504 | Evangeline | Colorado |
| 288 | | 6622201 | 234 | 995 | Evangeline | Colorado |
| 289 | | 6622203 | 225 | 216 | Chicot | Colorado |
| 290 | | 6622401 | 231 | 812 | Evangeline | Colorado |
| 291 | | 6625103 | 294 | 43 | Evangeline | Lavaca |
| 292 | | 6625203 | 325 | 287 | Jasper | Lavaca |
| 293 | | 6626102 | 223 | 120 | Evangeline | Colorado |
| 294 | | 6626202 | 260 | 126 | Evangeline | Colorado |
| 295 | | 6627905 | 273 | 617 | Evangeline | Colorado |
| 296 | | 6628607 | 210 | 604 | Evangeline | Colorado |
| 297 | | 6628608 | 208 | 530 | Evangeline | Colorado |
| 298 | | 6628702 | 255 | 565 | Evangeline | Colorado |
| 299 | | 6628804 | 245 | 650 | Evangeline | Colorado |
| 300 | | 6628902 | 207 | 850 | Evangeline | Colorado |
| 301 | | 6629101 | 222 | 608 | Evangeline | Colorado |
| 302 | | 6629401 | 210 | 382 | Chicot | Colorado |
| 303 | | 6629501 | 181 | na | Shallow | Colorado |
| 304 | | 6630101 | 168 | 527 | Evangeline | Colorado |
| 305 | | 6630103 | 187 | 490 | Evangeline | Colorado |
| 306 | | 6630104 | 186 | 400 | Chicot | Colorado |
| 307 | | 6631106 | 160 | 900 | Evangeline | Colorado |
| 308 | | 6631107 | 155 | 450 | Chicot | Wharton |
| 309 | | 6631504 | 142 | 178 | Chicot | Wharton |
| 310 | | 6632402 | 127 | 222 | Chicot | Wharton |
| 311 | | 6632809 | 121 | 320 | Chicot | Wharton |
| 312 | | 6633407 | 282 | 182 | Evangeline | Lavaca |
| 313 | | 6633507 | 273 | 620 | Jasper | Lavaca |
| 314 | | 6633510 | 272 | 636 | Jasper | Lavaca |
| 315 | | 6633512 | 260 | 644 | Jasper | Lavaca |
| 316 | | 6633513 | 280 | 998 | Jasper | Lavaca |

| INTERA Master ID | GCD Well ID | TWDB Well ID | Land Surface Elevation (ft) | Well Depth (ft) | Assigned Unit | County |
|---|---|---|---|---|---|---|
| 317 | | 6634201 | 197 | 48 | Evangeline | Lavaca |
| 318 | | 6634202 | 210 | 61 | Evangeline | Lavaca |
| 319 | | 6634207 | 227 | 120 | Evangeline | Lavaca |
| 320 | | 6634803 | 272 | 230 | Evangeline | Lavaca |
| 321 | | 6634902 | 160 | 30 | Chicot | Lavaca |
| 322 | | 6634903 | 179 | 41 | Chicot | Lavaca |
| 323 | | 6635210 | 280 | 237 | Chicot | Colorado |
| 324 | | 6635901 | 211 | 840 | Evangeline | Lavaca |
| 325 | | 6636902 | 158 | 100 | Chicot | Colorado |
| 326 | | 6637601 | 166 | 200 | Chicot | Colorado |
| 327 | | 6637607 | 163 | 318 | Chicot | Colorado |
| 328 | | 6637608 | 151 | 336 | Chicot | Colorado |
| 329 | | 6637614 | 157 | 360 | Chicot | Colorado |
| 330 | | 6637615 | 160 | 200 | Chicot | Colorado |
| 331 | | 6638105 | 148 | 320 | Chicot | Colorado |
| 332 | | 6638106 | 156 | 250 | Chicot | Colorado |
| 333 | | 6638201 | 155 | 408 | Chicot | Wharton |
| 334 | | 6638202 | 155 | 65 | Chicot | Wharton |
| 335 | | 6638301 | 154 | 288 | Chicot | Wharton |
| 336 | | 6638302 | 157 | 698 | Evangeline | Wharton |
| 337 | | 6638304 | 150 | 113 | Chicot | Wharton |
| 338 | | 6638801 | 127 | 116 | Chicot | Wharton |
| 339 | | 6639106 | 146 | 200 | Chicot | Wharton |
| 340 | | 6639701 | 119 | 214 | Chicot | Wharton |
| 341 | | 6639801 | 118 | 300 | Chicot | Wharton |
| 342 | | 6640401 | 110 | 442 | Chicot | Wharton |
| 343 | | 6640505 | 113 | 200 | Chicot | Wharton |
| 344 | | 6640803 | 101 | 312 | Chicot | Wharton |
| 345 | | 6640804 | 105 | 303 | Chicot | Wharton |
| 346 | | 6640902 | 98 | 94 | Chicot | Wharton |
| 347 | | 6641202 | 219 | 333 | Evangeline | Lavaca |
| 348 | | 6641203 | 234 | 80 | Evangeline | Lavaca |
| 349 | | 6641703 | 222 | 164 | Evangeline | Lavaca |
| 350 | | 6641903 | 205 | 335 | Evangeline | Lavaca |
| 351 | | 6642205 | 211 | 210 | Evangeline | Lavaca |
| 352 | | 6642902 | 165 | 576 | Evangeline | Lavaca |
| 353 | | 6642904 | 152 | 210 | Chicot | Lavaca |
| 354 | | 6643201 | 172 | 856 | Evangeline | Lavaca |
| 355 | | 6643703 | 135 | 31 | Chicot | Lavaca |
| 356 | | 6643704 | 139 | 34 | Chicot | Lavaca |
| 357 | | 6643803 | 151 | 1023 | Evangeline | Lavaca |
| 358 | | 6644402 | 164 | 880 | Evangeline | Lavaca |
| 359 | | 6644702 | 139 | 676 | Evangeline | Colorado |
| 360 | | 6645201 | 152 | 257 | Chicot | Wharton |
| 361 | | 6645601 | 143 | 429 | Chicot | Wharton |

| INTERA Master ID | GCD Well ID | TWDB Well ID | Land Surface Elevation (ft) | Well Depth (ft) | Assigned Unit | County |
|---|---|---|---|---|---|---|
| 362 | | 6645802 | 126 | 188 | Chicot | Wharton |
| 363 | | 6645916 | 129 | 125 | Chicot | Wharton |
| 364 | | 6646201 | 144 | 200 | Chicot | Wharton |
| 365 | | 6646402 | 134 | 366 | Chicot | Wharton |
| 366 | | 6646601 | 131 | 186 | Chicot | Wharton |
| 367 | | 6646802 | 124 | 203 | Chicot | Wharton |
| 368 | | 6647101 | 123 | 319 | Chicot | Wharton |
| 369 | | 6647201 | 120 | 244 | Chicot | Wharton |
| 370 | | 6647414 | 114 | 350 | Chicot | Wharton |
| 371 | | 6647703 | 111 | 242 | Chicot | Wharton |
| 372 | | 6647904 | 99 | 340 | Chicot | Wharton |
| 373 | | 6648402 | 100 | 537 | Chicot | Wharton |
| 374 | | 6648404 | 100 | 760 | Evangeline | Wharton |
| 375 | | 6648502 | 95 | 70 | Chicot | Wharton |
| 376 | | 6648601 | 90 | 255 | Chicot | Wharton |
| 377 | | 6648701 | 98 | 90 | Chicot | Wharton |
| 378 | | 6648802 | 94 | 564 | Chicot | Wharton |
| 379 | | 6648907 | 90 | 630 | Chicot | Wharton |
| 380 | | 6648908 | 90 | 55 | Chicot | Wharton |
| 381 | | 6648909 | 90 | 300 | Chicot | Wharton |
| 382 | | 6649103 | 177 | 174 | Evangeline | Lavaca |
| 383 | | 6649701 | 173 | 1082 | Evangeline | Lavaca |
| 384 | | 6649803 | 150 | 260 | Evangeline | Lavaca |
| 385 | | 6649901 | 168 | 272 | Evangeline | Lavaca |
| 386 | | 6650207 | 165 | 142 | Chicot | Lavaca |
| 388 | | 6651704 | 106 | 120 | Chicot | Jackson |
| 389 | | 6651801 | 117 | 616 | Evangeline | Jackson |
| 391 | | 6652207 | 114 | 242 | Chicot | Wharton |
| 392 | | 6652304 | 113 | 650 | Evangeline | Wharton |
| 393 | | 6652504 | 98 | 98 | Chicot | Wharton |
| 394 | | 6652603 | 106 | 515 | Chicot | Wharton |
| 395 | | 6652604 | 103 | 275 | Chicot | Wharton |
| 397 | | 6653307 | 109 | 282 | Chicot | Wharton |
| 398 | | 6653406 | 108 | 348 | Chicot | Wharton |
| 399 | | 6653503 | 94 | 338 | Chicot | Wharton |
| 400 | | 6653804 | 82 | 495 | Chicot | Wharton |
| 401 | | 6653903 | 88 | 304 | Chicot | Wharton |
| 402 | | 6654108 | 105 | 360 | Chicot | Wharton |
| 403 | | 6654202 | 115 | 200 | Chicot | Wharton |
| 404 | | 6654306 | 115 | 90 | Chicot | Wharton |
| 405 | | 6654906 | 91 | 461 | Chicot | Wharton |
| 406 | | 6655104 | 106 | 114 | Chicot | Wharton |
| 407 | | 6655603 | 90 | 100 | Chicot | Wharton |
| 408 | | 6656302 | 81 | 490 | Chicot | Wharton |
| 409 | | 6656304 | 91 | 356 | Chicot | Wharton |

| INTERA Master ID | GCD Well ID | TWDB Well ID | Land Surface Elevation (ft) | Well Depth (ft) | Assigned Unit | County |
|---|---|---|---|---|---|---|
| 410 | | 6656401 | 80 | 229 | Chicot | Wharton |
| 411 | | 6656403 | 84 | 275 | Chicot | Wharton |
| 412 | | 6656901 | 75 | 194 | Chicot | Wharton |
| 413 | | 6657403 | 182 | 87 | Chicot | Victoria |
| 419 | | 6658606 | 96 | 165 | Chicot | Jackson |
| 429 | | 6661302 | 82 | 528 | Chicot | Wharton |
| 430 | | 6661305 | 81 | 600 | Chicot | Wharton |
| 431 | | 6661309 | 82 | 410 | Chicot | Wharton |
| 433 | | 6661803 | 63 | 317 | Chicot | Jackson |
| 437 | | 6662104 | 87 | 371 | Chicot | Wharton |
| 438 | | 6662307 | 88 | 180 | Chicot | Wharton |
| 439 | | 6662309 | 84 | 421 | Chicot | Wharton |
| 440 | | 6662313 | 88 | 480 | Chicot | Wharton |
| 441 | | 6662415 | 72 | 458 | Chicot | Wharton |
| 442 | | 6662603 | 82 | 310 | Chicot | Wharton |
| 443 | | 6662805 | 62 | 398 | Chicot | Wharton |
| 444 | | 6663105 | 80 | 342 | Chicot | Wharton |
| 445 | | 6663112 | 84 | 60 | Chicot | Wharton |
| 446 | | 6663504 | 68 | 687 | Chicot | Wharton |
| 447 | | 6663507 | 68 | 48 | Chicot | Wharton |
| 448 | | 6663508 | 69 | 140 | Chicot | Wharton |
| 449 | | 6663509 | 68 | 688 | Chicot | Wharton |
| 450 | | 6663605 | 77 | 209 | Chicot | Wharton |
| 451 | | 6663610 | 70 | 857 | Chicot | Wharton |
| 452 | | 6664401 | 71 | 1057 | Evangeline | Matagorda |
| 453 | | 6731601 | 403 | 364 | Deep | Lavaca |
| 454 | | 6731602 | 401 | 320 | Deep | Lavaca |
| 455 | | 6731604 | 371 | 380 | Deep | Lavaca |
| 456 | | 6731606 | 384 | 350 | Deep | Lavaca |
| 457 | | 6731610 | 382 | 1051 | Deep | Lavaca |
| 458 | | 6731612 | 416 | na | Shallow | Lavaca |
| 459 | | 6732105 | 452 | 265 | Deep | Lavaca |
| 460 | | 6732106 | 434 | 275 | Deep | Lavaca |
| 461 | | 6732201 | 440 | 170 | Jasper | Lavaca |
| 462 | | 6732704 | 424 | 130 | Jasper | Lavaca |
| 463 | | 6732903 | 340 | 45 | Shallow | Lavaca |
| 464 | | 6739306 | 418 | 100 | Jasper | Lavaca |
| 465 | | 6739507 | 389 | 245 | Jasper | Lavaca |
| 466 | | 6739517 | 360 | 988 | Deep | Lavaca |
| 467 | | 6739518 | 357 | 90 | Jasper | Lavaca |
| 468 | | 6739603 | 303 | 150 | Jasper | Lavaca |
| 469 | | 6739605 | 331 | 844 | Deep | Lavaca |
| 470 | | 6740301 | 284 | 45 | Evangeline | Lavaca |
| 471 | | 6740503 | 360 | 320 | Jasper | Lavaca |
| 472 | | 6740504 | 362 | 155 | Evangeline | Lavaca |

| INTERA Master ID | GCD Well ID | TWDB Well ID | Land Surface Elevation (ft) | Well Depth (ft) | Assigned Unit | County |
|---|---|---|---|---|---|---|
| 473 | | 6740702 | 340 | 52 | Burkeville | Lavaca |
| 474 | | 6746409 | 261 | 130 | Jasper | DeWitt |
| 475 | | 6746502 | 215 | 132 | Jasper | DeWitt |
| 476 | | 6746510 | 214 | na | Shallow | DeWitt |
| 477 | | 6746605 | 334 | 80 | Jasper | DeWitt |
| 478 | | 6746606 | 347 | 140 | Jasper | DeWitt |
| 479 | | 6746607 | 347 | 140 | Jasper | DeWitt |
| 480 | | 6746704 | 260 | 146 | Jasper | DeWitt |
| 481 | | 6746705 | 260 | 260 | Jasper | DeWitt |
| 482 | | 6746706 | 263 | na | Shallow | DeWitt |
| 483 | | 6747103 | 372 | na | Shallow | DeWitt |
| 484 | | 6747403 | 380 | 180 | Jasper | DeWitt |
| 485 | | 6747606 | 325 | 641 | Jasper | Lavaca |
| 486 | | 6747607 | 293 | 708 | Jasper | Lavaca |
| 487 | | 6747608 | 331 | 1050 | Jasper | Lavaca |
| 488 | | 6747911 | 282 | 819 | Jasper | DeWitt |
| 489 | | 6747912 | 268 | 592 | Jasper | DeWitt |
| 490 | | 6748203 | 288 | 200 | Evangeline | Lavaca |
| 491 | | 6752904 | 321 | 350 | Deep | DeWitt |
| 492 | | 6753401 | 260 | 62 | Jasper | DeWitt |
| 493 | | 6753706 | 319 | 230 | Jasper | DeWitt |
| 494 | | 6753707 | 372 | 240 | Jasper | DeWitt |
| 495 | | 6753803 | 285 | 160 | Burkeville | DeWitt |
| 496 | | 6753902 | 302 | 180 | Burkeville | DeWitt |
| 497 | | 6754205 | 227 | 205 | Jasper | DeWitt |
| 498 | | 6754406 | 210 | na | Jasper | DeWitt |
| 499 | | 6754701 | 230 | 136 | Burkeville | DeWitt |
| 500 | | 6754811 | 267 | 220 | Jasper | DeWitt |
| 501 | | 6754812 | 251 | na | Shallow | DeWitt |
| 502 | | 6754813 | 206 | 215 | Jasper | DeWitt |
| 503 | | 6754814 | 191 | 610 | Jasper | DeWitt |
| 504 | | 6755404 | 340 | 420 | Jasper | DeWitt |
| 505 | | 6755601 | 235 | 240 | Evangeline | DeWitt |
| 506 | | 6755803 | 221 | 75 | Chicot | DeWitt |
| 507 | | 6756601 | 207 | 87 | Evangeline | Lavaca |
| 508 | | 6756605 | 199 | 246 | Evangeline | Lavaca |
| 509 | | 6759702 | 409 | 505 | Deep | DeWitt |
| 510 | | 6760903 | 320 | 570 | Jasper | DeWitt |
| 511 | | 6760904 | 326 | 252 | Jasper | DeWitt |
| 512 | | 6760905 | 321 | na | Evangeline | DeWitt |
| 513 | | 6761402 | 388 | 142 | Evangeline | DeWitt |
| 514 | | 6761804 | 320 | 60 | Evangeline | DeWitt |
| 515 | | 6762217 | 171 | 838 | Jasper | DeWitt |
| 516 | | 6762304 | 214 | 1353 | Deep | DeWitt |
| 517 | | 6762308 | 214 | 510 | Jasper | DeWitt |

| INTERA Master ID | GCD Well ID | TWDB Well ID | Land Surface Elevation (ft) | Well Depth (ft) | Assigned Unit | County |
|---|---|---|---|---|---|---|
| 518 | | 6762404 | 270 | na | Shallow | DeWitt |
| 519 | | 6762704 | 282 | 350 | Burkeville | DeWitt |
| 520 | | 6762905 | 232 | 138 | Evangeline | DeWitt |
| 521 | | 6763605 | 245 | 125 | Chicot | DeWitt |
| 522 | | 7903204 | 421 | 160 | Burkeville | DeWitt |
| 523 | | 7903302 | 403 | 160 | Burkeville | DeWitt |
| 524 | | 7903603 | 377 | 200 | Jasper | DeWitt |
| 525 | | 7903905 | 331 | 260 | Burkeville | DeWitt |
| 526 | | 7904103 | 307 | 220 | Jasper | DeWitt |
| 527 | | 7904104 | 307 | 235 | Jasper | DeWitt |
| 528 | | 7904202 | 311 | 130 | Burkeville | DeWitt |
| 529 | | 7904307 | 278 | 954 | Deep | DeWitt |
| 530 | | 7905303 | 244 | 140 | Evangeline | DeWitt |
| 531 | | 7905304 | 247 | 44 | Evangeline | DeWitt |
| 532 | | 7905305 | 298 | 200 | Evangeline | DeWitt |
| 533 | | 7905406 | 277 | 160 | Evangeline | DeWitt |
| 534 | | 7905407 | 279 | 130 | Evangeline | DeWitt |
| 535 | | 7905408 | 252 | 187 | Evangeline | DeWitt |
| 536 | | 7905502 | 225 | 200 | Evangeline | DeWitt |
| 537 | | 7905606 | 200 | 154 | Evangeline | Goliad |
| 538 | | 7905801 | 272 | 466 | Evangeline | Goliad |
| 539 | | 7905802 | 262 | 895 | Jasper | Goliad |
| 540 | | 7905803 | 245 | na | Shallow | Goliad |
| 541 | | 7905903 | 217 | 280 | Evangeline | Goliad |
| 542 | | 7905904 | 199 | 164 | Evangeline | Goliad |
| 543 | | 7905905 | 217 | 314 | Evangeline | Goliad |
| 544 | | 7905906 | 269 | 277 | Evangeline | Goliad |
| 545 | | 7905907 | 235 | 261 | Evangeline | Goliad |
| 546 | | 7905908 | 271 | 118 | Evangeline | Goliad |
| 547 | | 7905909 | 258 | 143 | Evangeline | Goliad |
| 548 | | 7906101 | 288 | 585 | Burkeville | DeWitt |
| 549 | | 7906102 | 301 | 73 | Evangeline | DeWitt |
| 550 | | 7906303 | 219 | 55 | Evangeline | DeWitt |
| 551 | | 7906306 | 232 | 138 | Evangeline | DeWitt |
| 552 | | 7906407 | 260 | 315 | Evangeline | DeWitt |
| 553 | | 7906411 | 271 | 230 | Evangeline | DeWitt |
| 554 | | 7906506 | 219 | 120 | Evangeline | DeWitt |
| 555 | | 7906508 | 239 | 170 | Evangeline | DeWitt |
| 556 | | 7906703 | 232 | 73 | Evangeline | DeWitt |
| 557 | | 7906706 | 221 | 152 | Evangeline | Goliad |
| 558 | | 7906707 | 202 | 260 | Evangeline | DeWitt |
| 559 | | 7906708 | 220 | 300 | Evangeline | DeWitt |
| 560 | | 7906709 | 219 | 120 | Evangeline | DeWitt |
| 561 | | 7906710 | 230 | 135 | Evangeline | DeWitt |
| 562 | | 7906712 | 212 | 103 | Evangeline | Goliad |

| INTERA Master ID | GCD Well ID | TWDB Well ID | Land Surface Elevation (ft) | Well Depth (ft) | Assigned Unit | County |
|---|---|---|---|---|---|---|
| 563 | | 7906714 | 199 | 136 | Evangeline | DeWitt |
| 564 | | 7906715 | 238 | 150 | Evangeline | Goliad |
| 565 | | 7906716 | 238 | 80 | Evangeline | Goliad |
| 566 | | 7906807 | 241 | 113 | Evangeline | DeWitt |
| 567 | | 7906808 | 201 | 140 | Evangeline | DeWitt |
| 568 | | 7906809 | 199 | 125 | Evangeline | DeWitt |
| 569 | | 7906810 | 193 | 180 | Evangeline | Goliad |
| 571 | | 7907402 | 229 | 217 | Evangeline | DeWitt |
| 579 | | 7907904 | 101 | 307 | Evangeline | Victoria |
| 580 | | 7907906 | 104 | 870 | Evangeline | Victoria |
| 582 | | 7908402 | 151 | 250 | Evangeline | Victoria |
| 587 | | 7908806 | 109 | 220 | Evangeline | Victoria |
| 590 | | 7912304 | 330 | 239 | Evangeline | DeWitt |
| 591 | | 7912305 | 299 | 166 | Evangeline | Goliad |
| 592 | | 7912602 | 285 | 350 | Evangeline | Goliad |
| 593 | | 7912704 | 265 | na | Evangeline | Goliad |
| 594 | | 7912902 | 314 | 850 | Burkeville | Goliad |
| 595 | | 7913109 | 266 | 200 | Evangeline | Goliad |
| 596 | | 7913110 | 281 | na | Shallow | Goliad |
| 597 | | 7913111 | 283 | 300 | Evangeline | Goliad |
| 598 | | 7913112 | 278 | 240 | Evangeline | Goliad |
| 599 | | 7913202 | 291 | 137 | Evangeline | Goliad |
| 600 | | 7913212 | 246 | 50 | Evangeline | Goliad |
| 601 | | 7913223 | 240 | 93 | Evangeline | Goliad |
| 602 | | 7913224 | 230 | 24 | Evangeline | Goliad |
| 603 | | 7913225 | 230 | 65 | Evangeline | Goliad |
| 604 | | 7913226 | 290 | 210 | Evangeline | Goliad |
| 605 | | 7913227 | 242 | 30 | Evangeline | Goliad |
| 606 | | 7913229 | 233 | 152 | Evangeline | Goliad |
| 607 | | 7913230 | 250 | 282 | Evangeline | Goliad |
| 608 | | 7913231 | 235 | 28 | Evangeline | Goliad |
| 609 | | 7913304 | 246 | 317 | Evangeline | Goliad |
| 610 | | 7913404 | 271 | 126 | Evangeline | Goliad |
| 611 | | 7913405 | 313 | 324 | Evangeline | Goliad |
| 612 | | 7913406 | 329 | 87 | Evangeline | Goliad |
| 613 | | 7913407 | 300 | 176 | Evangeline | Goliad |
| 614 | | 7913501 | 303 | 390 | Evangeline | Goliad |
| 615 | | 7913507 | 270 | 250 | Evangeline | Goliad |
| 616 | | 7913508 | 310 | 250 | Evangeline | Goliad |
| 617 | | 7913509 | 287 | 76 | Evangeline | Goliad |
| 618 | | 7913510 | 285 | 250 | Evangeline | Goliad |
| 619 | | 7913511 | 305 | na | Evangeline | Goliad |
| 620 | | 7913512 | 270 | 263 | Evangeline | Goliad |
| 621 | | 7913513 | 229 | 230 | Evangeline | Goliad |
| 622 | | 7913608 | 228 | 180 | Evangeline | Goliad |

| INTERA Master ID | GCD Well ID | TWDB Well ID | Land Surface Elevation (ft) | Well Depth (ft) | Assigned Unit | County |
|---|---|---|---|---|---|---|
| 623 | | 7913609 | 264 | 200 | Evangeline | Goliad |
| 624 | | 7913610 | 250 | 120 | Evangeline | Goliad |
| 625 | | 7913611 | 254 | 275 | Evangeline | Goliad |
| 626 | | 7913612 | 265 | 180 | Evangeline | Goliad |
| 627 | | 7913802 | 305 | 99 | Evangeline | Goliad |
| 628 | | 7913803 | 253 | 188 | Evangeline | Goliad |
| 629 | | 7913804 | 245 | 291 | Evangeline | Goliad |
| 630 | | 7913805 | 285 | 197 | Evangeline | Goliad |
| 631 | | 7913806 | 233 | 222 | Evangeline | Goliad |
| 632 | | 7913807 | 262 | 222 | Evangeline | Goliad |
| 633 | | 7913808 | 252 | 331 | Evangeline | Goliad |
| 634 | | 7913809 | 249 | 183 | Evangeline | Goliad |
| 635 | | 7913810 | 259 | 186 | Evangeline | Goliad |
| 636 | | 7913811 | 225 | 143 | Evangeline | Goliad |
| 637 | | 7913812 | 271 | 105 | Evangeline | Goliad |
| 638 | | 7913813 | 271 | 210 | Evangeline | Goliad |
| 639 | | 7913901 | 232 | 101 | Evangeline | Goliad |
| 640 | | 7914102 | 209 | 108 | Evangeline | Goliad |
| 641 | | 7914201 | 167 | 450 | Evangeline | Goliad |
| 642 | | 7914202 | 182 | 88 | Evangeline | Goliad |
| 643 | | 7914203 | 172 | 380 | Evangeline | Goliad |
| 644 | | 7914204 | 230 | 122 | Evangeline | Goliad |
| 645 | | 7914205 | 169 | 346 | Evangeline | Goliad |
| 646 | | 7914303 | 204 | 222 | Evangeline | Victoria |
| 647 | | 7914603 | 195 | na | Shallow | Goliad |
| 648 | | 7914702 | 242 | 320 | Evangeline | Goliad |
| 649 | | 7914703 | 209 | 300 | Evangeline | Goliad |
| 650 | | 7914804 | 169 | 270 | Evangeline | Goliad |
| 651 | | 7915101 | 127 | 133 | Evangeline | Goliad |
| 652 | | 7915102 | 125 | 132 | Evangeline | Goliad |
| 653 | | 7915205 | 189 | 300 | Evangeline | Victoria |
| 654 | | 7915206 | 147 | 110 | Evangeline | Victoria |
| 656 | | 7915302 | 188 | 157 | Evangeline | Victoria |
| 659 | | 7915401 | 170 | 145 | Evangeline | Goliad |
| 660 | | 7915702 | 142 | 174 | Evangeline | Goliad |
| 661 | | 7915901 | 126 | 70 | Chicot | Victoria |
| 667 | | 7916202 | 104 | 240 | Evangeline | Victoria |
| 670 | | 7916603 | 53 | 612 | Evangeline | Victoria |
| 671 | | 7916607 | 75 | 110 | Chicot | Victoria |
| 677 | | 7917801 | 506 | 150 | Evangeline | Bee |
| 678 | | 7919305 | 232 | na | Evangeline | Goliad |
| 679 | | 7920203 | 252 | na | Evangeline | Goliad |
| 680 | | 7920204 | 257 | na | Evangeline | Goliad |
| 681 | | 7920205 | 285 | na | Shallow | Goliad |
| 682 | | 7920304 | 300 | na | Shallow | Goliad |

| INTERA Master ID | GCD Well ID | TWDB Well ID | Land Surface Elevation (ft) | Well Depth (ft) | Assigned Unit | County |
|---|---|---|---|---|---|---|
| 683 | | 7920502 | 192 | 187 | Evangeline | Goliad |
| 684 | | 7920602 | 254 | 120 | Evangeline | Goliad |
| 685 | | 7920603 | 254 | 150 | Evangeline | Goliad |
| 686 | | 7920704 | 229 | na | Shallow | Goliad |
| 687 | | 7920705 | 262 | na | Shallow | Goliad |
| 688 | | 7921307 | 210 | 284 | Evangeline | Goliad |
| 689 | | 7921605 | 207 | 578 | Evangeline | Goliad |
| 690 | | 7921705 | 152 | 563 | Evangeline | Goliad |
| 691 | | 7921706 | 141 | 243 | Evangeline | Goliad |
| 692 | | 7921912 | 197 | 260 | Evangeline | Goliad |
| 693 | | 7922201 | 170 | 550 | Evangeline | Goliad |
| 694 | | 7922206 | 167 | 226 | Evangeline | Goliad |
| 695 | | 7922207 | 151 | 226 | Evangeline | Goliad |
| 696 | | 7922208 | 163 | na | Evangeline | Goliad |
| 697 | | 7922210 | 188 | 160 | Evangeline | Goliad |
| 698 | | 7922211 | 205 | 225 | Evangeline | Goliad |
| 699 | | 7922302 | 131 | 200 | Chicot | Goliad |
| 700 | | 7922505 | 150 | 92 | Evangeline | Goliad |
| 701 | | 7922508 | 155 | 263 | Evangeline | Goliad |
| 702 | | 7922509 | 157 | 160 | Evangeline | Goliad |
| 703 | | 7922510 | 152 | na | Evangeline | Goliad |
| 704 | | 7922511 | 133 | na | Evangeline | Goliad |
| 705 | | 7922701 | 150 | 259 | Evangeline | Goliad |
| 706 | | 7922703 | 141 | 192 | Evangeline | Goliad |
| 707 | | 7922805 | 160 | na | Shallow | Goliad |
| 708 | | 7922806 | 155 | na | Shallow | Goliad |
| 709 | | 7922903 | 130 | 52 | Evangeline | Goliad |
| 712 | | 7923803 | 114 | 170 | Evangeline | Victoria |
| 713 | | 7924101 | 102 | 260 | Evangeline | Victoria |
| 715 | | 7924502 | 75 | 80 | Chicot | Victoria |
| 716 | | 7924601 | 25 | 40 | Chicot | Victoria |
| 719 | | 7924902 | 86 | 125 | Chicot | Victoria |
| 720 | | 7925103 | 356 | 90 | Burkeville | Bee |
| 721 | | 7925303 | 383 | 55 | Evangeline | Bee |
| 722 | | 7925505 | 366 | 297 | Burkeville | Bee |
| 723 | | 7925506 | 366 | 52 | Evangeline | Bee |
| 724 | | 7925608 | 426 | 252 | Burkeville | Bee |
| 725 | | 7925611 | 339 | 100 | Evangeline | Bee |
| 726 | | 7926207 | 318 | 483 | Jasper | Bee |
| 727 | | 7926804 | 325 | 295 | Evangeline | Bee |
| 728 | | 7927202 | 310 | 150 | Evangeline | Goliad |
| 729 | | 7927301 | 308 | 150 | Evangeline | Goliad |
| 730 | | 7927306 | 264 | 280 | Evangeline | Goliad |
| 731 | | 7928110 | 265 | 295 | Evangeline | Goliad |
| 732 | | 7928302 | 216 | 235 | Evangeline | Goliad |

| INTERA Master ID | GCD Well ID | TWDB Well ID | Land Surface Elevation (ft) | Well Depth (ft) | Assigned Unit | County |
|---|---|---|---|---|---|---|
| 733 | | 7928303 | 217 | 95 | Evangeline | Goliad |
| 734 | | 7928304 | 236 | 320 | Evangeline | Goliad |
| 735 | | 7928501 | 237 | 163 | Evangeline | Goliad |
| 736 | | 7928503 | 171 | 294 | Evangeline | Goliad |
| 737 | | 7928721 | 188 | na | Evangeline | Goliad |
| 738 | | 7928722 | 201 | 195 | Evangeline | Goliad |
| 739 | | 7929701 | 185 | 198 | Evangeline | Goliad |
| 740 | | 7929903 | 145 | 192 | Evangeline | Goliad |
| 741 | | 7930201 | 150 | 302 | Evangeline | Goliad |
| 742 | | 7930301 | 113 | 300 | Evangeline | Goliad |
| 743 | | 7930701 | 128 | 235 | Evangeline | Goliad |
| 744 | | 7931103 | 115 | 150 | Evangeline | Goliad |
| 745 | | 7931302 | 107 | 113 | Chicot | Victoria |
| 746 | | 7931501 | 96 | 125 | Chicot | Goliad |
| 747 | | 7931502 | 105 | 204 | Evangeline | Goliad |
| 748 | | 7931701 | 105 | 60 | Chicot | Goliad |
| 749 | | 7931702 | 99 | 218 | Evangeline | Goliad |
| 751 | | 7932103 | 90 | 142 | Chicot | Victoria |
| 754 | | 7933501 | 350 | 153 | Evangeline | Bee |
| 755 | | 7934202 | 371 | 175 | Evangeline | Bee |
| 756 | | 7934409 | 347 | 145 | Evangeline | Bee |
| 757 | | 7934811 | 295 | 282 | Evangeline | Bee |
| 758 | | 7934903 | 210 | 1554 | Jasper | Bee |
| 759 | | 7935101 | 267 | 130 | Evangeline | Bee |
| 760 | | 7935305 | 226 | 150 | Evangeline | Bee |
| 761 | | 7935609 | 190 | 300 | Evangeline | Bee |
| 762 | | 7935912 | 189 | 555 | Evangeline | Bee |
| 763 | | 7936906 | 117 | na | Shallow | Bee |
| 764 | | 7937305 | 126 | na | Shallow | Goliad |
| 765 | | 7937306 | 105 | na | Evangeline | Goliad |
| 766 | | 7937307 | 111 | na | Evangeline | Goliad |
| 767 | | 7937308 | 95 | na | Evangeline | Goliad |
| 768 | | 7937309 | 118 | na | Evangeline | Goliad |
| 769 | | 7937310 | 109 | na | Evangeline | Goliad |
| 770 | | 7937607 | 103 | 260 | Evangeline | Goliad |
| 771 | | 7937901 | 87 | 105 | Evangeline | Goliad |
| 772 | | 7937905 | 85 | 811 | Evangeline | Goliad |
| 773 | | 7937909 | 67 | 200 | Chicot | Goliad |
| 774 | | 7937910 | 75 | na | Shallow | Bee |
| 775 | | 7937911 | 89 | 146 | Evangeline | Goliad |
| 776 | | 7937912 | 86 | 61 | Chicot | Goliad |
| 777 | | 7937913 | 91 | na | Shallow | Goliad |
| 778 | | 7937914 | 87 | 200 | Chicot | Goliad |
| 779 | | 7937915 | 85 | 186 | Evangeline | Goliad |
| 780 | | 7937917 | 65 | 124 | Evangeline | Bee |

| INTERA Master ID | GCD Well ID | TWDB Well ID | Land Surface Elevation (ft) | Well Depth (ft) | Assigned Unit | County |
|---|---|---|---|---|---|---|
| 781 | | 7937918 | 92 | 96 | Chicot | Goliad |
| 782 | | 7937919 | 88 | 160 | Evangeline | Goliad |
| 783 | | 7938201 | 115 | 106 | Evangeline | Goliad |
| 784 | | 7938202 | 100 | 60 | Chicot | Goliad |
| 785 | | 7938203 | 103 | 200 | Chicot | Goliad |
| 786 | | 7938301 | 89 | 62 | Chicot | Goliad |
| 787 | | 7938303 | 102 | 80 | Chicot | Goliad |
| 788 | | 7938704 | 86 | 200 | Chicot | Goliad |
| 789 | | 7938705 | 81 | 200 | Chicot | Goliad |
| 790 | | 7938706 | 75 | 325 | Evangeline | Goliad |
| 791 | | 7938806 | 86 | 160 | Chicot | Refugio |
| 792 | | 7939101 | 83 | 200 | Chicot | Refugio |
| 793 | | 7939104 | 91 | 110 | Chicot | Goliad |
| 795 | | 7939803 | 62 | 170 | Chicot | Refugio |
| 796 | | 7940502 | 56 | 295 | Chicot | Refugio |
| 797 | | 7942702 | 245 | 110 | Chicot | Bee |
| 798 | | 7942703 | 255 | 230 | Evangeline | Bee |
| 799 | | 7943102 | 188 | 715 | Evangeline | Bee |
| 800 | | 7943334 | 193 | 558 | Evangeline | Bee |
| 801 | | 7943401 | 208 | 840 | Evangeline | Bee |
| 802 | | 7943821 | 150 | 188 | Evangeline | Bee |
| 803 | | 7943903 | 141 | 260 | Evangeline | Bee |
| 804 | | 7944103 | 156 | 150 | Evangeline | Bee |
| 805 | | 7945601 | 75 | 120 | Chicot | Refugio |
| 807 | | 7946612 | 51 | 890 | Evangeline | Refugio |
| 809 | | 7946810 | 55 | 173 | Chicot | Refugio |
| 811 | | 7950606 | 163 | 650 | Evangeline | Bee |
| 812 | | 7950909 | 148 | 701 | Evangeline | San Patricio |
| 813 | | 7952405 | 87 | 63 | Chicot | Bee |
| 814 | | 7952407 | 78 | 220 | Chicot | Bee |
| 815 | | 7953103 | 78 | 100 | Chicot | Refugio |
| 816 | | 7953205 | 56 | 245 | Chicot | Refugio |
| 817 | | 7953504 | 61 | 1150 | Evangeline | Refugio |
| 818 | | 7953602 | 45 | 255 | Chicot | Refugio |
| 819 | | 7954303 | 25 | 260 | Chicot | Refugio |
| 821 | | 7957605 | 133 | 198 | Evangeline | San Patricio |
| 822 | | 7957606 | 102 | 410 | Evangeline | San Patricio |
| 823 | | 7958105 | 100 | na | Evangeline | San Patricio |
| 824 | | 7958106 | 110 | na | Evangeline | San Patricio |
| 825 | | 7958107 | 110 | 270 | Evangeline | San Patricio |
| 826 | | 7958108 | 80 | na | Evangeline | San Patricio |
| 827 | | 7958201 | 162 | 521 | Evangeline | San Patricio |
| 828 | | 7958302 | 137 | 610 | Evangeline | San Patricio |
| 829 | | 7958407 | 110 | 570 | Evangeline | San Patricio |
| 830 | | 7958505 | 82 | 698 | Evangeline | San Patricio |

| INTERA Master ID | GCD Well ID | TWDB Well ID | Land Surface Elevation (ft) | Well Depth (ft) | Assigned Unit | County |
|---|---|---|---|---|---|---|
| 831 | | 7958602 | 75 | 701 | Evangeline | San Patricio |
| 832 | | 7958603 | 100 | 637 | Evangeline | San Patricio |
| 833 | | 7958708 | 73 | 694 | Evangeline | San Patricio |
| 834 | | 7958812 | 82 | 700 | Evangeline | San Patricio |
| 835 | | 7959103 | 121 | 372 | Evangeline | San Patricio |
| 836 | | 7959304 | 109 | 356 | Evangeline | San Patricio |
| 837 | | 7959402 | 131 | 600 | Evangeline | San Patricio |
| 838 | | 7960401 | 85 | 497 | Evangeline | San Patricio |
| 839 | | 7960503 | 65 | 457 | Evangeline | San Patricio |
| 840 | | 7960802 | 58 | 325 | Chicot | San Patricio |
| 841 | | 7961901 | 49 | 294 | Chicot | San Patricio |
| 842 | | 7962114 | 40 | 320 | Chicot | San Patricio |
| 843 | | 7963107 | 12 | 568 | Chicot | Refugio |
| 844 | | 7963108 | 17 | 630 | Chicot | Refugio |
| 845 | | 7964701 | 9 | 130 | Chicot | Aransas |
| 850 | | 8002605 | 64 | 175 | Chicot | Jackson |
| 851 | | 8002606 | 70 | 85 | Chicot | Jackson |
| 855 | | 8002801 | 65 | 610 | Evangeline | Victoria |
| 856 | | 8002802 | 62 | 711 | Evangeline | Victoria |
| 858 | | 8003206 | 71 | 126 | Chicot | Jackson |
| 859 | | 8003603 | 55 | 135 | Chicot | Jackson |
| 866 | | 8004505 | 50 | 310 | Chicot | Jackson |
| 868 | | 8004612 | 49 | 240 | Chicot | Jackson |
| 869 | | 8004710 | 50 | 300 | Chicot | Jackson |
| 872 | | 8005311 | 62 | na | Shallow | Jackson |
| 876 | | 8006407 | 47 | 925 | Chicot | Jackson |
| 878 | | 8006903 | 40 | 421 | Chicot | Matagorda |
| 879 | | 8006906 | 37 | 765 | Chicot | Matagorda |
| 880 | | 8007102 | 59 | 1020 | Evangeline | Matagorda |
| 881 | | 8007203 | 55 | 453 | Chicot | Matagorda |
| 882 | | 8007312 | 51 | 350 | Chicot | Matagorda |
| 883 | | 8007404 | 50 | 510 | Chicot | Matagorda |
| 884 | | 8007415 | 47 | 710 | Chicot | Matagorda |
| 885 | | 8007501 | 50 | 820 | Chicot | Matagorda |
| 886 | | 8007901 | 40 | 106 | Chicot | Matagorda |
| 887 | | 8008105 | 54 | 406 | Chicot | Matagorda |
| 888 | | 8008106 | 50 | 64 | Chicot | Matagorda |
| 889 | | 8008302 | 50 | 630 | Chicot | Matagorda |
| 890 | | 8008306 | 52 | 365 | Chicot | Matagorda |
| 891 | | 8008504 | 51 | 690 | Chicot | Matagorda |
| 892 | | 8008505 | 49 | 100 | Chicot | Matagorda |
| 894 | | 8009506 | 94 | 525 | Evangeline | Victoria |
| 896 | | 8010104 | 62 | 67 | Chicot | Victoria |
| 898 | | 8010402 | 66 | 80 | Chicot | Victoria |
| 900 | | 8011101 | 49 | 470 | Chicot | Victoria |

| INTERA Master ID | GCD Well ID | TWDB Well ID | Land Surface Elevation (ft) | Well Depth (ft) | Assigned Unit | County |
|---|---|---|---|---|---|---|
| 905 | | 8011502 | 40 | 300 | Chicot | Jackson |
| 906 | | 8011504 | 41 | 282 | Chicot | Jackson |
| 907 | | 8012502 | 36 | 330 | Chicot | Jackson |
| 908 | | 8013814 | 25 | 2550 | Jasper | Jackson |
| 909 | | 8014102 | 32 | 560 | Chicot | Jackson |
| 910 | | 8014104 | 36 | 200 | Chicot | Jackson |
| 912 | | 8014801 | 16 | 719 | Chicot | Matagorda |
| 913 | | 8014901 | 25 | 460 | Chicot | Matagorda |
| 914 | | 8014903 | 12 | 320 | Chicot | Matagorda |
| 915 | | 8015102 | 40 | 645 | Chicot | Matagorda |
| 916 | | 8015301 | 31 | 570 | Chicot | Matagorda |
| 917 | | 8015402 | 31 | 295 | Chicot | Matagorda |
| 918 | | 8015405 | 31 | 270 | Chicot | Matagorda |
| 919 | | 8015502 | 27 | 776 | Chicot | Matagorda |
| 920 | | 8016301 | 34 | 823 | Chicot | Matagorda |
| 921 | | 8016904 | 15 | 430 | Chicot | Matagorda |
| 923 | | 8017401 | 36 | 260 | Chicot | Victoria |
| 935 | | 8018501 | 51 | 1100 | Evangeline | Victoria |
| 939 | | 8019404 | 27 | na | Shallow | Victoria |
| 948 | | 8021216 | 16 | 616 | Chicot | Jackson |
| 949 | | 8021501 | 18 | 269 | Chicot | Calhoun |
| 950 | | 8021502 | 8 | 185 | Chicot | Calhoun |
| 952 | | 8022204 | 15 | 360 | Chicot | Matagorda |
| 953 | | 8022501 | 16 | 370 | Chicot | Jackson |
| 954 | | 8023101 | 21 | 776 | Chicot | Matagorda |
| 955 | | 8023202 | 16 | 70 | Chicot | Matagorda |
| 956 | | 8023301 | 15 | 770 | Chicot | Matagorda |
| 957 | | 8023401 | 13 | 590 | Chicot | Matagorda |
| 958 | | 8024201 | 11 | 490 | Chicot | Matagorda |
| 959 | | 8024406 | 7 | 360 | Chicot | Matagorda |
| 960 | | 8024601 | 4 | 275 | Chicot | Matagorda |
| 961 | | 8024802 | 2 | 380 | Chicot | Matagorda |
| 963 | | 8026502 | 36 | 80 | Chicot | Calhoun |
| 964 | | 8027401 | 25 | 110 | Chicot | Calhoun |
| 968 | | 8033205 | 48 | 98 | Chicot | Refugio |
| 970 | | 8035703 | 7 | 340 | Chicot | Calhoun |
| 972 | | 8035811 | 10 | 225 | Chicot | Calhoun |
| 973 | | 8035812 | 14 | 80 | Chicot | Calhoun |
| 974 | | 8036401 | 14 | 250 | Chicot | Calhoun |
| 975 | | 8037509 | 8 | 780 | Chicot | Calhoun |
| 978 | | 8049702 | 8 | 63 | Chicot | Aransas |
| 979 | | 8101101 | 51 | 768 | Chicot | Matagorda |
| 980 | | 8101102 | 50 | 1032 | Evangeline | Matagorda |
| 981 | | 8101205 | 36 | 480 | Chicot | Matagorda |
| 982 | | 8101701 | 43 | 400 | Chicot | Matagorda |

| INTERA Master ID | GCD Well ID | TWDB Well ID | Land Surface Elevation (ft) | Well Depth (ft) | Assigned Unit | County |
|---|---|---|---|---|---|---|
| 983 | | 8102404 | 31 | 450 | Chicot | Matagorda |
| 984 | | 8102605 | 25 | 525 | Chicot | Matagorda |
| 985 | | 8102901 | 19 | 294 | Chicot | Matagorda |
| 986 | | 8103406 | 26 | 530 | Chicot | Matagorda |
| 987 | | 8109204 | 35 | 120 | Chicot | Matagorda |
| 988 | | 8109504 | 28 | 721 | Chicot | Matagorda |
| 989 | | 8109701 | 15 | 800 | Chicot | Matagorda |
| 990 | | 8111604 | 6 | 560 | Chicot | Matagorda |
| 991 | | 8111901 | 3 | 527 | Chicot | Matagorda |
| 992 | | 8111902 | 4 | 535 | Chicot | Matagorda |
| 993 | | 8112705 | 13 | 290 | Chicot | Matagorda |
| 994 | | 8117405 | 5 | 472 | Chicot | Matagorda |
| 995 | | 8117408 | 6 | 802 | Chicot | Matagorda |
| 996 | | 8303506 | 98 | 267 | Chicot | San Patricio |
| 997 | | 8305301 | 53 | 343 | Chicot | San Patricio |
| 998 | | 8307319 | 10 | 140 | Chicot | Aransas |
| 999 | Calhoun County GCD - NW-00033 | | 4 | 226 | Deep | Calhoun |
| 1000 | Calhoun County GCD - NW-00009 | | 9 | 235 | Deep | Calhoun |
| 1001 | Calhoun County GCD - NW-00043 | | 9 | 240 | Deep | Calhoun |
| 1002 | Texana GCD - NW-00487 - East UB - DAMW | | 11 | 185 | Deep | Jackson |
| 1003 | Texana GCD - NW-00488 - East LF - DAMW | | 11 | 330 | Deep | Jackson |
| 1004 | Texana GCD - NW-00489 - Center UB - DAMW | | 11 | 208 | Deep | Jackson |
| 1005 | Texana GCD - NW-00490 - Center LF - DAMW | | 11 | 402 | Deep | Jackson |
| 1006 | Texana GCD - NW-00491 - West UB - DAMW | | 13 | 204 | Deep | Jackson |
| 1007 | Texana GCD - NW-00492 - West LF - DAMW | | 13 | 355 | Deep | Jackson |
| 1008 | Texana GCD - NW-00488 | | 11 | 330 | Deep | Jackson |
| 1009 | Victoria County GCD - GW-001016 | | 186 | na | Deep | Victoria |
| 1010 | Victoria County GCD - GW-001010 | | 178 | 190 | Deep | Victoria |
| 1011 | Pecan Valley GCD - INTERA-1011 | | 405 | na | Deep | Pecan |
| 1012 | Pecan Valley GCD - INTERA-1012 | | 278 | na | Deep | Pecan |
| 1013 | Pecan Valley GCD - INTERA-1013 | | 224 | na | Deep | Pecan |
| 1014 | Pecan Valley GCD - INTERA-1014 | | 233 | na | Deep | Pecan |
| 1015 | Pecan Valley GCD - INTERA-1015 | | 171 | na | Deep | Pecan |
| 1016 | Pecan Valley GCD - INTERA-1016 | | 151 | na | Deep | Pecan |

# APPENDIX C
# THE NUMBER OF MEASURED WATER LEVELS IN THE TWDB, THE GCD, AND THE MERGED DATA SETS FOR WINTER MONTHS

| GCD Well ID | TWDB Well ID | Number (#) of Depth to Water Measurements over the 6-month averaging period | | |
|---|---|---|---|---|
| | | TWDB data set | GCD data set | Merged data set |
| Calhoun County GCD - GW-00007 | 8019506 | 19 | 2 | 19 |
| Calhoun County GCD - GW-00008 | 8019802 | 16 | 2 | 16 |
| Calhoun County GCD - GW-00009 | 8026501 | 21 | 4 | 21 |
| Calhoun County GCD - GW-00010 | 8027501 | 2 | 1 | 2 |
| Calhoun County GCD - GW-00011 | 8027601 | 19 | 1 | 19 |
| Calhoun County GCD - GW-00012 | 8035704 | 1 | 1 | 2 |
| Calhoun County GCD - GW-00013 | 8037601 | 3 | 1 | 3 |
| Calhoun County GCD - GW-00014 | 8019503 | 16 | 2 | 16 |
| Refugio GCD - GW-00079 | 7954803 | 17 | 5 | 18 |
| Refugio GCD - GW-00085 | 7947702 | 9 | 7 | 13 |
| Refugio GCD - GW-00124 | 7931901 | 16 | 4 | 17 |
| Refugio GCD - GW-00234 | 7932802 | 16 | 5 | 18 |
| Refugio GCD - GW-00235 | 7946601 | 17 | 5 | 18 |
| Refugio GCD - GW-00370 | 8042507 | 10 | 1 | 10 |
| Refugio GCD - GW-00439 | 8033901 | 3 | 4 | 4 |
| Refugio GCD - NW-00340 | 8033203 | 6 | 6 | 11 |
| Refugio GCD - NW-00474 | 7939105 | 9 | 4 | 10 |
| Refugio GCD - NW-00475 | 7946803 | 12 | 5 | 16 |
| Texana GCD - GW-00112 | 8021601 | 3 | 1 | 3 |
| Texana GCD - GW-00119 | 8021214 | 0 | 0 | 0 |
| Texana GCD - GW-00120 | 8021204 | 0 | 0 | 0 |
| Texana GCD - GW-00121 | 8021203 | 0 | 0 | 0 |
| Texana GCD - GW-00122 | 8021201 | 0 | 0 | 0 |
| Texana GCD - GW-00123 | 8021213 | 0 | 0 | 0 |
| Texana GCD - GW-00247 | 6661808 | 1 | 2 | 2 |
| Texana GCD - GW-00251 | 6661809 | 1 | 2 | 2 |
| Texana GCD - GW-00274 | 6660708 | 20 | 10 | 22 |
| Texana GCD - GW-00275 | 6660701 | 14 | 3 | 14 |
| Texana GCD - GW-00276 | 6660401 | 15 | 10 | 19 |
| Texana GCD - GW-00277 | 6660601 | 14 | 3 | 14 |
| Texana GCD - GW-00278 | 6660613 | 15 | 9 | 17 |
| Texana GCD - GW-00279 | 6661407 | 14 | 2 | 14 |
| Texana GCD - GW-00280 | 6660501 | 16 | 4 | 16 |
| Texana GCD - GW-00281 | 6660205 | 19 | 8 | 21 |
| Texana GCD - GW-00283 | 8011202 | 19 | 9 | 21 |
| Texana GCD - GW-00285 | 8011201 | 20 | 10 | 22 |
| Texana GCD - GW-00286 | 8003909 | 14 | 3 | 14 |

| GCD Well ID | TWDB Well ID | Number (#) of Depth to Water Measurements over the 6-month averaging period | | |
|---|---|---|---|---|
| | | TWDB data set | GCD data set | Merged data set |
| Texana GCD - GW-00287 | 8004908 | 14 | 6 | 15 |
| Texana GCD - GW-00288 | 8004601 | 19 | 8 | 20 |
| Texana GCD - GW-00289 | 8006101 | 18 | 7 | 19 |
| Texana GCD - GW-00290 | 8005102 | 14 | 7 | 15 |
| Texana GCD - GW-00291 | 8004504 | 15 | 9 | 18 |
| Texana GCD - GW-00292 | 8004403 | 17 | 9 | 18 |
| Texana GCD - GW-00293 | 8006703 | 19 | 8 | 20 |
| Texana GCD - GW-00294 | 6651505 | 17 | 7 | 18 |
| Texana GCD - GW-00295 | 6658402 | 16 | 6 | 19 |
| Texana GCD - GW-00296 | 6652801 | 16 | 5 | 16 |
| Texana GCD - GW-00297 | 6658601 | 18 | 8 | 20 |
| Texana GCD - GW-00298 | 8003803 | 12 | 2 | 12 |
| Texana GCD - GW-00299 | 8011301 | 16 | 6 | 17 |
| Texana GCD - GW-00320 | 8004101 | 16 | 10 | 21 |
| Texana GCD - GW-00323 | 8005701 | 16 | 6 | 17 |
| Texana GCD - GW-00340 | 8002607 | 1 | 1 | 1 |
| Texana GCD - GW-00354 | 8005502 | 13 | 2 | 13 |
| Texana GCD - GW-00366 | 6651903 | 8 | 1 | 8 |
| Texana GCD - GW-00409 | 8003704 | 0 | 0 | 0 |
| Texana GCD - GW-00410 | 802904 | 1 | 2 | 2 |
| Texana GCD - GW-00411 | 8002608 | 1 | 2 | 2 |
| Texana GCD - GW-00412 | 6661810 | 0 | 0 | 0 |
| Texana GCD - GW-00415 | 6660707 | 13 | 2 | 13 |
| Texana GCD - GW-00416 | 6660709 | 4 | 1 | 4 |
| Texana GCD - GW-00417 | 8014405 | 3 | 1 | 3 |
| Victoria County GCD - GW-000021 | 6657801 | 7 | 10 | 10 |
| Victoria County GCD - GW-000028 | 8010401 | 15 | 8 | 16 |
| Victoria County GCD - GW-000047 | 7916102 | 4 | 3 | 4 |
| Victoria County GCD - GW-000085 | 7915904 | 6 | 7 | 8 |
| Victoria County GCD - GW-000101 | 8019104 | 5 | 6 | 6 |
| Victoria County GCD - GW-000102 | 8019105 | 4 | 5 | 5 |
| Victoria County GCD - GW-000150 | 8010502 | 6 | 7 | 7 |
| Victoria County GCD - GW-000158 | 7907504 | 6 | 8 | 8 |
| Victoria County GCD - GW-000181 | 8018105 | 4 | 5 | 5 |
| Victoria County GCD - GW-000192 | 8018103 | 4 | 4 | 4 |
| Victoria County GCD - GW-000239 | 8010101 | 13 | 6 | 14 |
| Victoria County GCD - GW-000244 | 7916903 | 3 | 1 | 3 |

| GCD Well ID | TWDB Well ID | Number (#) of Depth to Water Measurements over the 6-month averaging period | | |
|---|---|---|---|---|
| | | TWDB data set | GCD data set | Merged data set |
| Victoria County GCD - GW-000271 | 7916203 | 3 | 3 | 3 |
| Victoria County GCD - GW-000308 | 7916302 | 8 | 1 | 8 |
| Victoria County GCD - GW-000311 | 8017905 | 12 | 7 | 12 |
| Victoria County GCD - GW-000320 | 8017501 | 11 | 2 | 11 |
| Victoria County GCD - GW-000321 | 8017502 | 691 | 1 | 691 |
| Victoria County GCD - GW-000339 | 6657406 | 12 | 9 | 13 |
| Victoria County GCD - GW-000364 | 8002101 | 3 | 4 | 4 |
| Victoria County GCD - GW-000366 | 8002102 | 18 | 14 | 22 |
| Victoria County GCD - GW-000375 | 8017101 | 13 | 9 | 16 |
| Victoria County GCD - GW-000377 | 8002804 | 12 | 8 | 13 |
| Victoria County GCD - GW-000489 | 8018402 | 17 | 10 | 18 |
| Victoria County GCD - GW-000494 | 7915305 | 5 | 8 | 8 |
| Victoria County GCD - GW-000510 | 7916608 | 13 | 7 | 14 |
| Victoria County GCD - GW-000544 | 7907902 | 15 | 9 | 17 |
| Victoria County GCD - GW-000552 | 7907505 | 6 | 8 | 8 |
| Victoria County GCD - GW-000576 | 8002701 | 3 | 5 | 4 |
| Victoria County GCD - GW-000577 | 7908404 | 6 | 7 | 7 |
| Victoria County GCD - GW-000578 | 7908403 | 6 | 7 | 7 |
| Victoria County GCD - GW-000589 | 7908807 | 6 | 7 | 7 |
| Victoria County GCD - GW-000592 | 8011105 | 1 | 2 | 2 |
| Victoria County GCD - GW-000595 | 8017801 | 5 | 7 | 7 |
| Victoria County GCD - GW-000599 | 7907703 | 12 | 8 | 13 |
| Victoria County GCD - GW-000601 | 7916702 | 9 | 8 | 10 |
| Victoria County GCD - GW-000602 | 7916701 | 8 | 7 | 9 |
| Victoria County GCD - GW-000603 | 7916703 | 6 | 8 | 11 |
| Victoria County GCD - GW-000606 | 7908201 | 12 | 9 | 13 |
| Victoria County GCD - GW-000607 | 7908805 | 14 | 10 | 15 |
| Victoria County GCD - GW-000608 | 7915903 | 13 | 9 | 15 |
| Victoria County GCD - GW-000609 | 7923303 | 13 | 9 | 14 |
| Victoria County GCD - GW-000610 | 7923601 | 11 | 7 | 12 |
| Victoria County GCD - GW-000611 | 7924102 | 13 | 9 | 14 |
| Victoria County GCD - GW-000612 | 7924702 | 12 | 8 | 13 |
| Victoria County GCD - GW-000613 | 7932602 | 11 | 3 | 11 |
| Victoria County GCD - GW-000614 | 8001301 | 15 | 10 | 18 |
| Victoria County GCD - GW-000615 | 8001302 | 10 | 5 | 12 |
| Victoria County GCD - GW-000616 | 8018401 | 14 | 5 | 14 |
| Victoria County GCD - GW-000617 | 7907305 | 15 | 9 | 16 |

| GCD Well ID | TWDB Well ID | Number (#) of Depth to Water Measurements over the 6-month averaging period | | |
|---|---|---|---|---|
| | | TWDB data set | GCD data set | Merged data set |
| Victoria County GCD - GW-000620 | 6657903 | 2 | 2 | 2 |
| Victoria County GCD - GW-000687 | 7908406 | 4 | 6 | 6 |
| Victoria County GCD - GW-000713 | 7915902 | 1 | 1 | 1 |
| Victoria County GCD - GW-000722 | 7915905 | 3 | 8 | 8 |
| Victoria County GCD - GW-000948 | 7915301 | 9 | 1 | 9 |
| Victoria County GCD - GW-000949 | 8009101 | 5 | 1 | 5 |
| Victoria County GCD - GW-000950 | 8018601 | 9 | 1 | 9 |
| Victoria County GCD - NW-000016 | 7907503 | 6 | 7 | 7 |
| Victoria County GCD - NW-000030 | 7924802 | 3 | 4 | 4 |
| Victoria County GCD - NW-000097 | 7907707 | 0 | 0 | 0 |
| Victoria County GCD - NW-000122 | 8017602 | 9 | 9 | 10 |
| Victoria County GCD - NW-000165 | 7915306 | 3 | 3 | 3 |
| Victoria County GCD - NW-000310 | 8018404 | 5 | 4 | 6 |
| Victoria County GCD - NW-000333 | 7908903 | 5 | 6 | 6 |
| Victoria County GCD - NW-000425 | 8017603 | 3 | 3 | 3 |
| Victoria County GCD - NW-000426 | 7907404 | 7 | 9 | 10 |

# APPENDIX D
# SENSITIVITY ANALYSIS

Appendix D provides a sensitivity analysis of how changes in the method for constructing the water level maps impacts the amount of the average annual water levels.

## D.1 Alternative Water Level Maps

The authors are unaware of any previous application of the smoothed simulated water levels and Kriged residuals (SSWL+KR) method for interpolating measured water levels. Because of the SSWL+KR method has not been used in Texas prior to this study, the method was compared to several alternative methods for constructing water level maps in order to investigate the sensitivity of the results to changes in the method's implementation and to compare the results produced by alternative methods. These alternative methods are listed in **Table D-1**.

Table D-1 Methods used to Generate Water Level Maps other than the SSWL+KR Method

| Method | | Reason for Consideration / (How it was Implemented) |
|---|---|---|
| # | Name /(Alias) | |
| 1 | Simulated smoothed WLs + Kriged residuals (SSWL+KR) | • Considered Best Science Available<br>• (Detrended annual measured WLs using smoothed GAM simulated WLs for each year and Kriged the residuals) |
| 2 | Simulated smoothed 2000 WLs + Kriged residuals (SSWL2000+KR) | • Evaluate the sensitivity trend selection<br>• (Same as SSWL+KR but used the GAM simulated 2000 WLs to detrend all measured WLs from 2000 to 2020) |
| 3 | Simulated WLs + Kriged WLs residuals (SWLs+KR) | • Evaluate sensitivity of using smoothed or actual the GAM simulated WLs<br>• (Same as SSWL+KR but GAM simulated WLs were not smoothed) |
| 4 | Kriged Measured WLs (KWL) | • Evaluate sensitivity of detrending and not detrending WLs<br>• (Kriged measured water levels using ordinary Kriging) |
| 5 | Smoothed Simulated WLs from GAM (GAM_SSWL) | • Determine the results from the trend surface used in SSWL+KR and to determine the impact of smoothing on the trend in the GAM simulated WLs<br>• (Only account for the trend surface; do not consider the Kriged residuals) |
| 6 | Simulated WLs from GAM (GAM_SWL) | • Determine the results from the GAM simulation<br>• (Linearly interpolated GAM results from 1 mile to 1000 ft resolution) |

Like the SSWL+KR method, methods #2 (SSWL2000+KR) and #3 (SWLs+KR) involve detrending and semivariogram analyses of water levels residuals. In practice, methods #2 and #3 are variants of method #1 and therefore serve as a type of sensitivity analysis for method #1 (SSWL+KR). **Figures D-1** and **D-2** provide examples of the experimental and theoretical semivariograms for Chicot and Evangeline aquifers for 2000, 2013, and 2020 for methods #2 and #3. The spherical theoretical model provided a relatively good fit through to the data and the values for the range are similar to those obtained for method #1 (SSWL+KR). Analysis of the residuals indicates that their distribution approximates a normal distribution. As a result, the application of methods #2 and #3 are technically justified. Method #4 (KWL) does not involve any detrending of the water levels, so Kriging is performed directly on the measured water levels, which are known to contain trends. As a result, the underlying assumptions for ordinary Kriging are not fully met. Nonetheless, the method #4 is presented because it provides useful information regarding whether or not detrending affects the final map of water levels. The impact of ignoring the trend with method #4 (KWL) is evident in the semivariogram analysis for the measured

water levels in Chicot Aquifer in **Figure D-3**. That is, despite fitting a spherical variogram model to the experiment variogram, the portion of the theoretical variogram shown in the plots is nearly linear. The line is a result of the trend in the data, which cause the semivariance to continual increase with an increase in the distance between two data points. Method #5 (GAM_SWL) and Method #6 (GAM_SSWL) use simulated water levels values from the GAM. Results from these two methods are provided primarily for reference.

**Figure D-4** compares the 2015 water level contours generated for the Chicot Aquifer by the six methods. All six images provide similar patterns to the contours. **Figure D-5** compares the 2015 water level contours generated for the Evangeline Aquifer by the six methods. All six images provide similar patterns to the contours. In both Figures D-1 and D-2, the plots with contours that have the most bends and irregularities are for methods #5 (GAM_SSWL) and #6 (GAM_SWL), which are the only two methods that incorporate the GAM simulated water levels without any smoothing. The water level contours with the least bends and irregularities occur in the plots for methods #1 (SSWL+KR), #2 (SSWL2000+KR) and #3 (SWLs+KR), all three of which that incorporate the GAM smooth simulated water levels; and the plots with contours with the moderate bends and irregularities are for the method #4 (KWL) that incorporates the Kriged water levels.

## D.2 Sensitivity of Annual Change in Water Levels

**Figures D-6** through **D-9** provide the change in average annual water levels measurements for the Chicot Aquifer, Evangeline Aquifer, and the Chicot & Evangeline Aquifer from 2000 to 2020 for Calhoun, Jackson, Refugio, and Victoria counties for the six methods for generating water levels surfaces. The difference among the methods varied considerably in regard to county and to the year. Two conclusions deduced from the three figures are:

- All of the method that involved Kriging had similar patterns in the direction of the fluctuations but the magnitude of those fluctuations greatly varied.
- The average annual water levels determined for (GAM_SSWL) (Method #5) and the GAM simulated water levels (GAM_SWL) were consistently very similar for all counties and aquifers – their lines usually differed by less than 1 foot and they exhibited considerably less fluctuations than the other methods.

**Table D-2** was assembled to assess the sensitivity of the annual changes in the average water levels against the annual changes for the SSWL+KR (Method #1), which are provided in Tables 5-1 to 5-4. The average differences in Table D-2 were determined by averaging the absolute value of the difference the annual change between a method and Method #1. Among some of the notable observations from Table D-2 are:

- The Kriged values results are not very sensitive to the amount the GAM simulated water level are smoothed to generate the trend surface used for detrending.
- The Kriged results can be very sensitive if the trend surface trend surface is updated to account for annual differences in the GAM simulations that account for different pumping rates.
- The Kriging of water levels without detrending can produce significantly different results than Kriging with detrending.
- The results for the Evangeline Aquifer are more sensitive to changes how Kriging is performed than results for the Chicot Aquifer.

Table D-2 Average difference between Methods #2 through #6 with Method #1 (SSWL+KR) for the change in annual average water level from 2000 to 2020.

| | #2 Simulated smoothed 2000 WLs + Kriged WL residuals | #3 Simulated WLs + Kriged WL residuals | #4 Kriged Measured WLs | #5 Simulated WLs from GAM | #6 Smoothed simulated WLs from GAM | Average of the Five Alternative Methods |
|---|---|---|---|---|---|---|
| **County** | **Chicot Aquifer** | | | | | |
| Calhoun | 1.1 | 0.8 | 3.4 | 3.3 | 3.2 | 2.3 |
| Jackson | 1.0 | 1.4 | 2.2 | 5.5 | 5.3 | 3.1 |
| Refugio | 0.9 | 1.5 | 4.3 | 4.7 | 4.8 | 3.3 |
| Victoria | 6.7 | 1.2 | 2.9 | 8.4 | 7.9 | 5.4 |
| Average | **2.4** | **1.2** | **3.2** | **5.5** | **5.3** | **3.5** |
| **County** | **Evangeline Aquifer** | | | | | |
| Calhoun | 15.4 | 4.3 | 16.6 | 11.2 | 11.5 | 11.8 |
| Jackson | 17.3 | 1.4 | 5.0 | 13.6 | 14.0 | 10.2 |
| Refugio | 4.9 | 2.3 | 8.0 | 5.0 | 5.0 | 5.0 |
| Victoria | 12.0 | 3.4 | 3.5 | 4.4 | 4.4 | 5.5 |
| Average | **12.4** | **2.9** | **8.3** | **8.5** | **8.7** | **8.2** |
| **County** | **Chicot & Evangeline Aquifer** | | | | | |
| Calhoun | 3.4 | 1.0 | 2.8 | 2.9 | 2.9 | 2.6 |
| Jackson | 8.4 | 1.2 | 2.9 | 5.3 | 5.6 | 4.7 |
| Refugio | 2.4 | 1.7 | 5.0 | 4.2 | 4.2 | 3.5 |
| Victoria | 9.3 | 1.4 | 2.8 | 3.3 | 3.1 | 3.9 |
| Average | **5.9** | **1.3** | **3.4** | **3.9** | **3.9** | **3.7** |

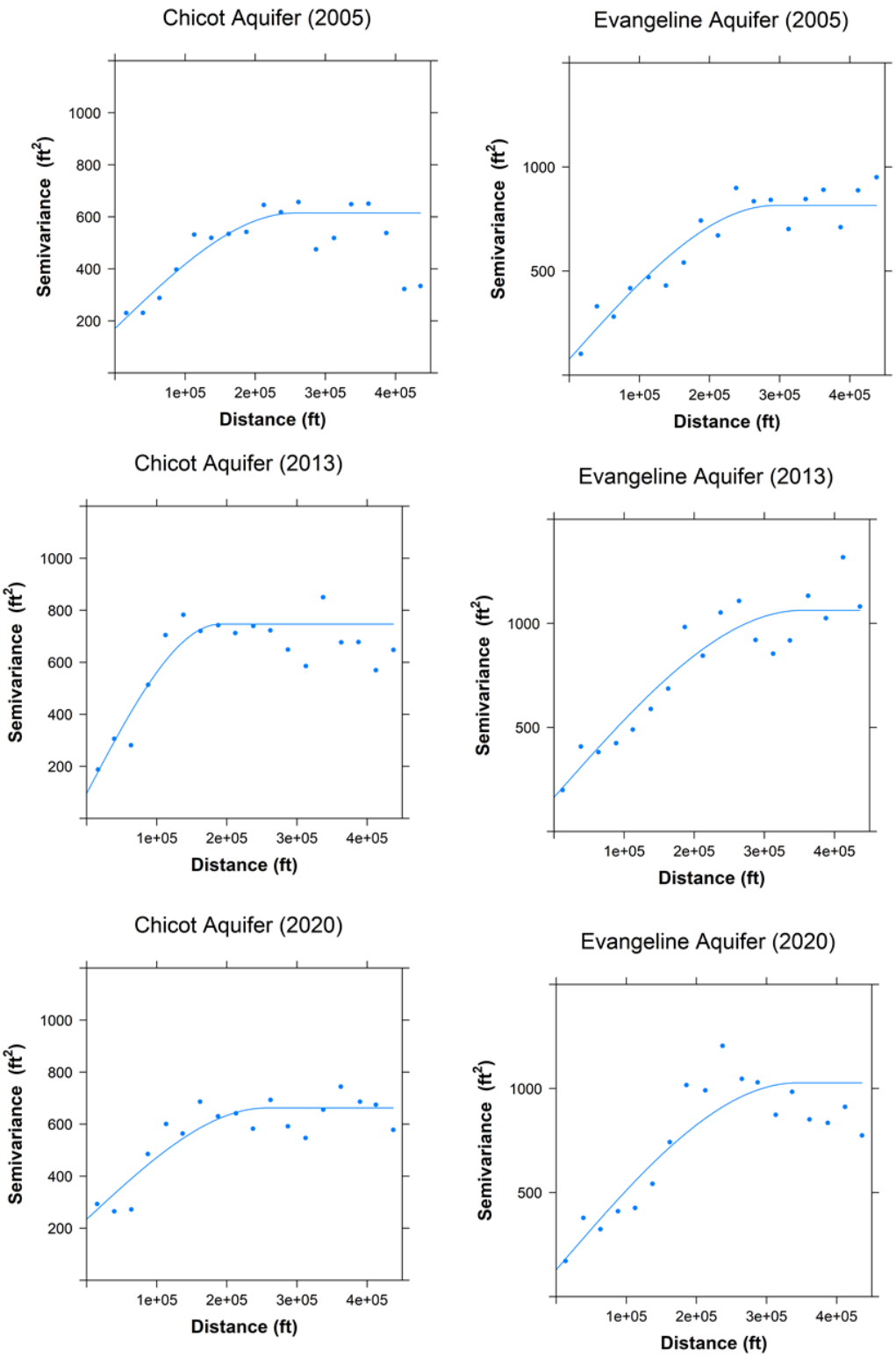



Figure D-1 Example experimental and theoretical semivariograms for the Simulated smoothed 2000 WLs + Kriged residuals (SWSL2000+KR)

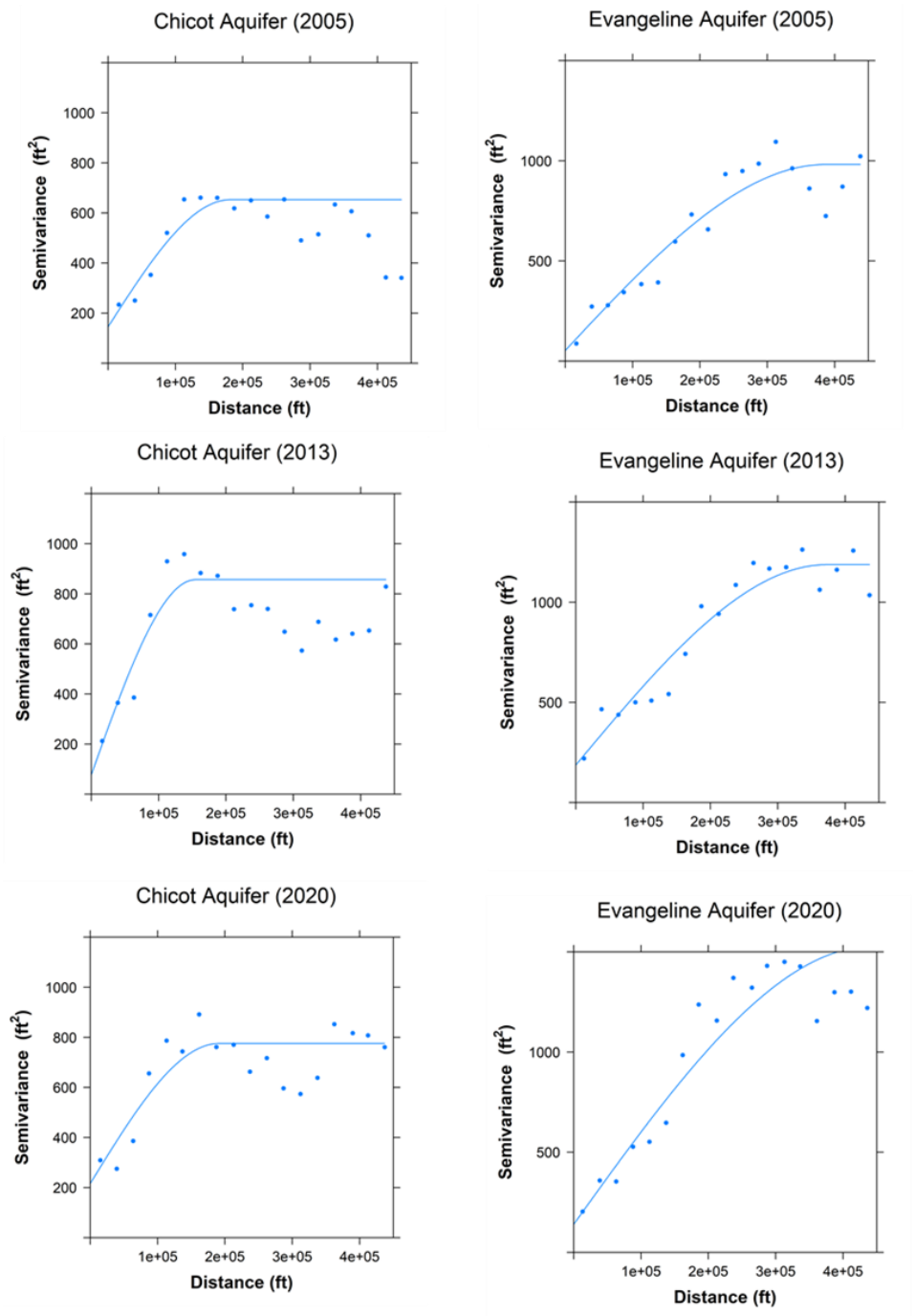



Figure D-2 Example experimental and theoretical semivariograms for the Simulated WLs + Kriged WLs residuals (SWLs+KR) method

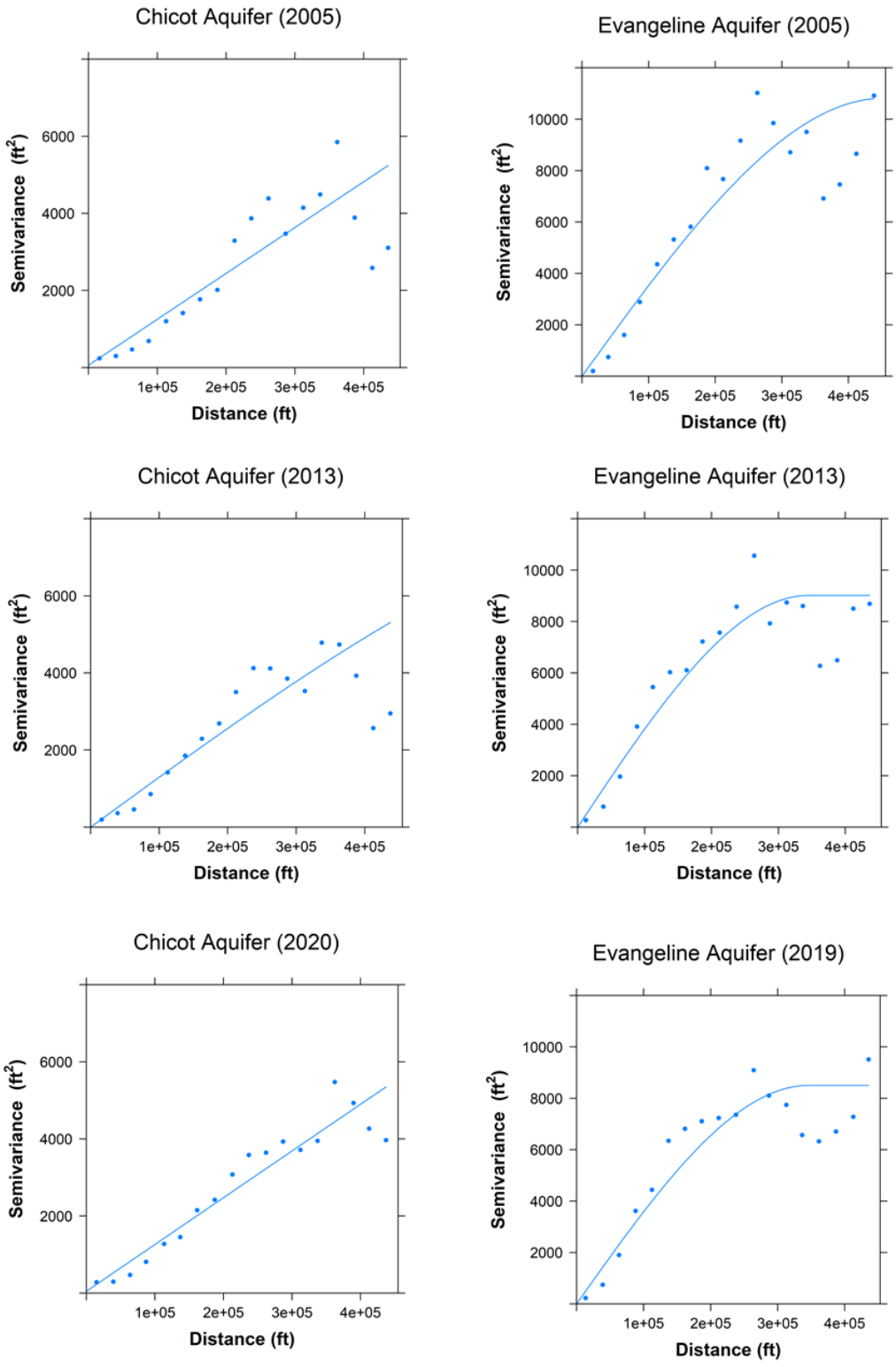



Figure D-3 Example experimental and theoretical semivariograms for the Kriged Measured WLs (KWL) method

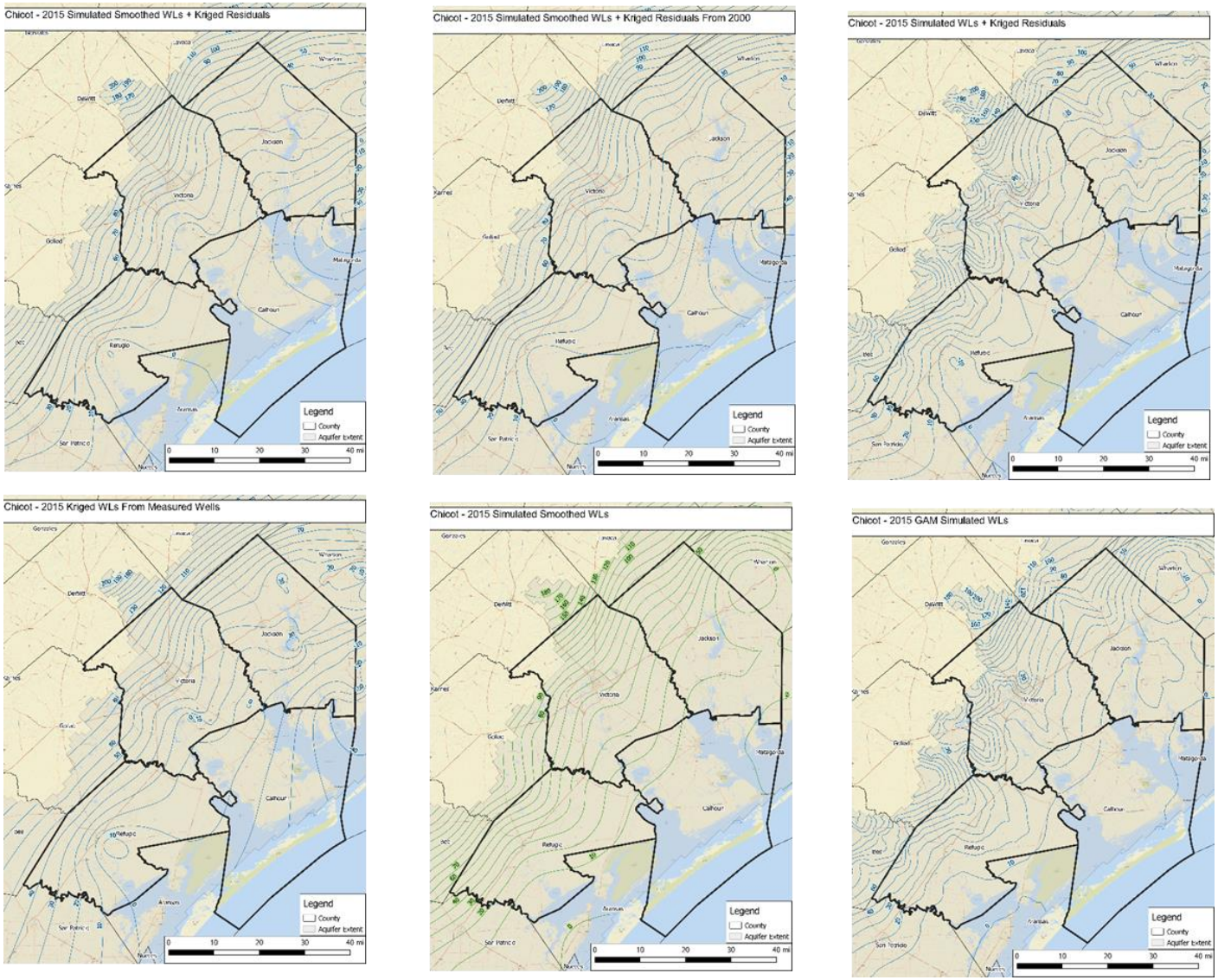



Figure D-4 Comparison of 2015 water level contours for Chicot Aquifer produced by the six methods described in Table 5-5. 1) SSWL+KR, 2) SSWO2000+KR, 3) SWLs+KR, 4) KWL, 5) GAM_SSWL, and 6) GMA_SWL

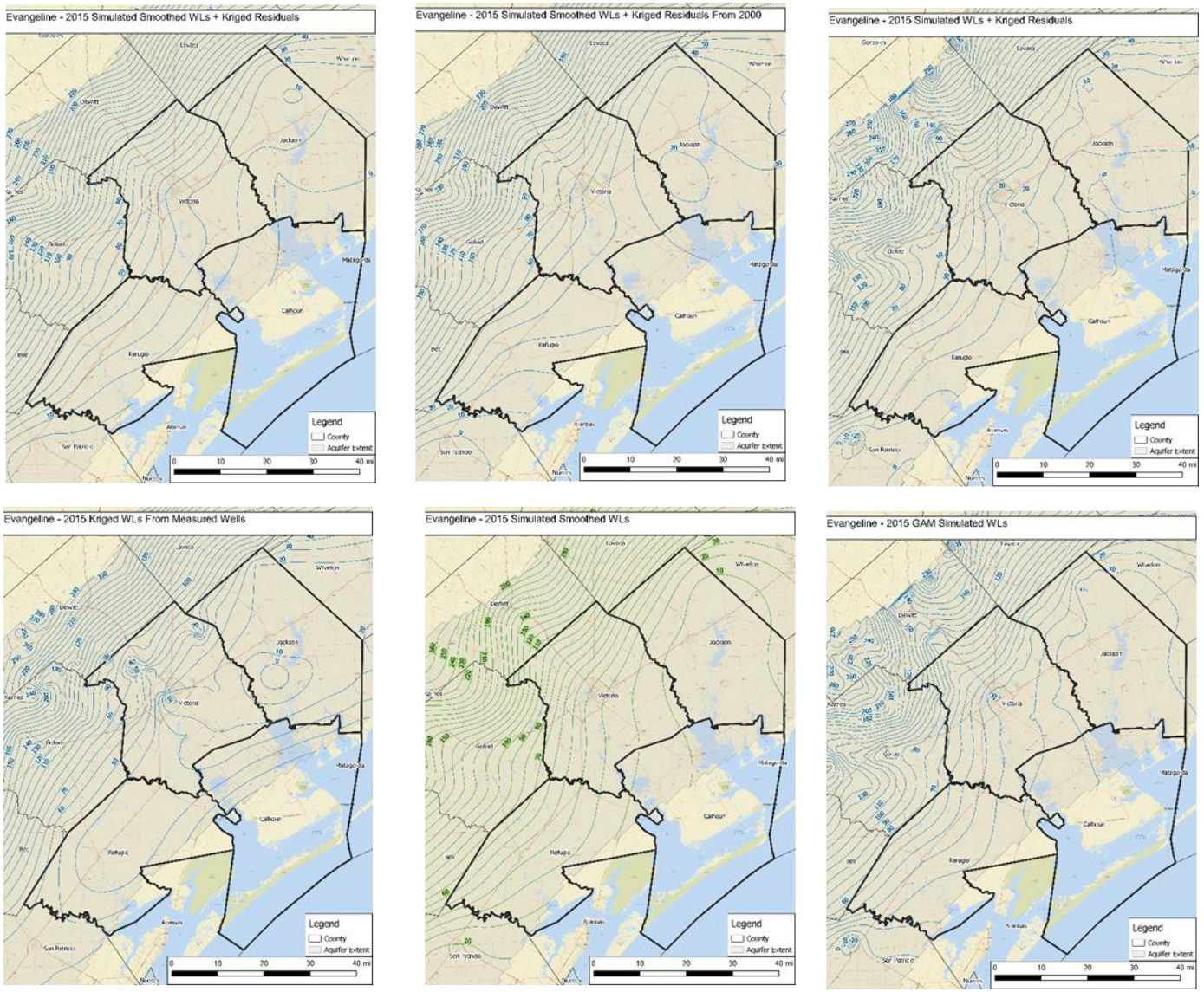



Figure D-5 Comparison of 2015 water level contours for Evangeline Aquifer produced by the six methods described in Table 5-5. 1) SSWL+KR, 2) SSWO2000+KR, 3) SWLs+KR, 4) KWL, 5) GAM_SSWL, and 6) GMA_SWL

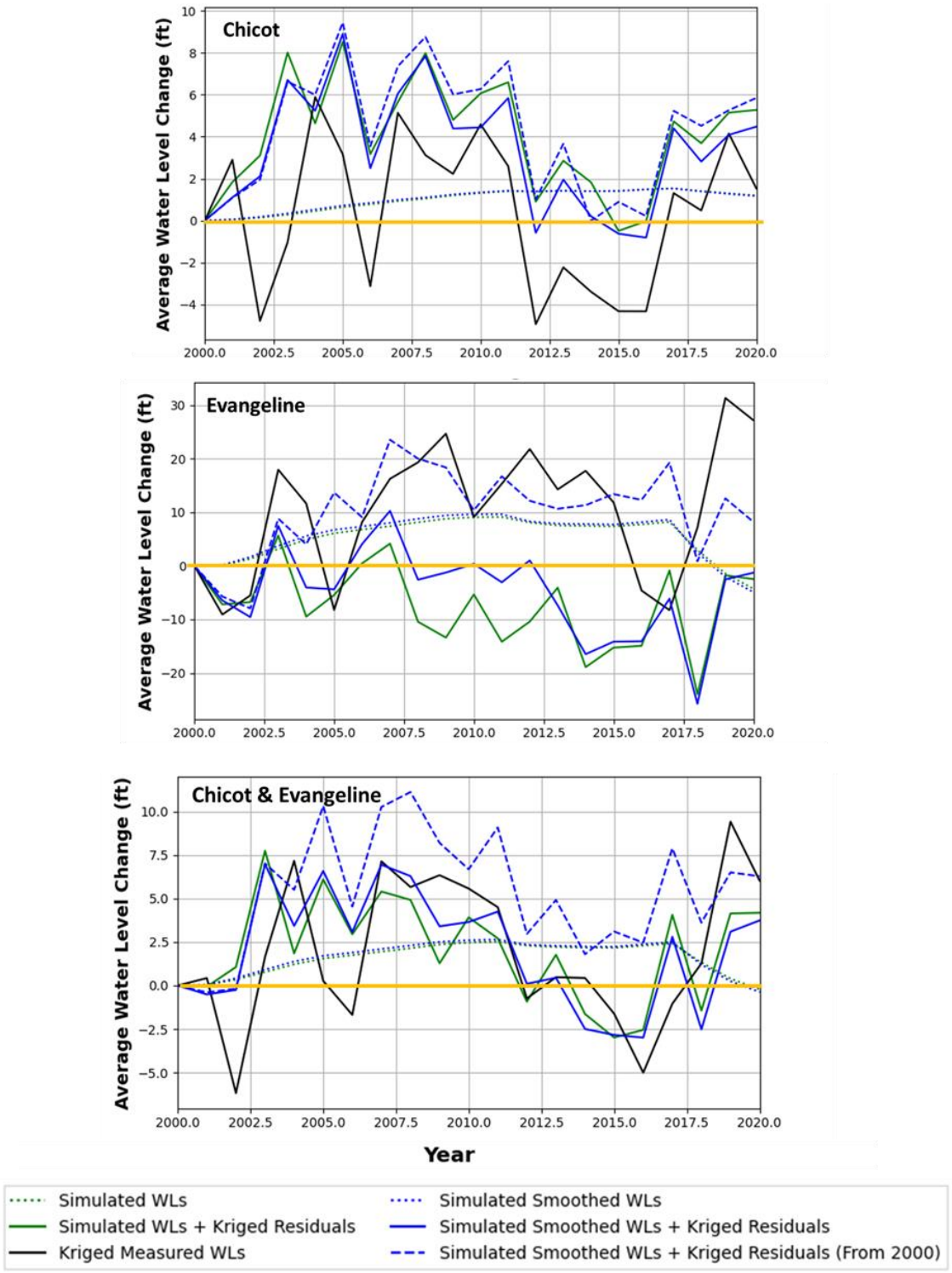



Figure D-6 Changes in the annual average water levels from five alternative methods and Simulated Smoothed WLs + Kriged residuals (SSWL+KR), which is considered to be Best Science Available for Calhoun County

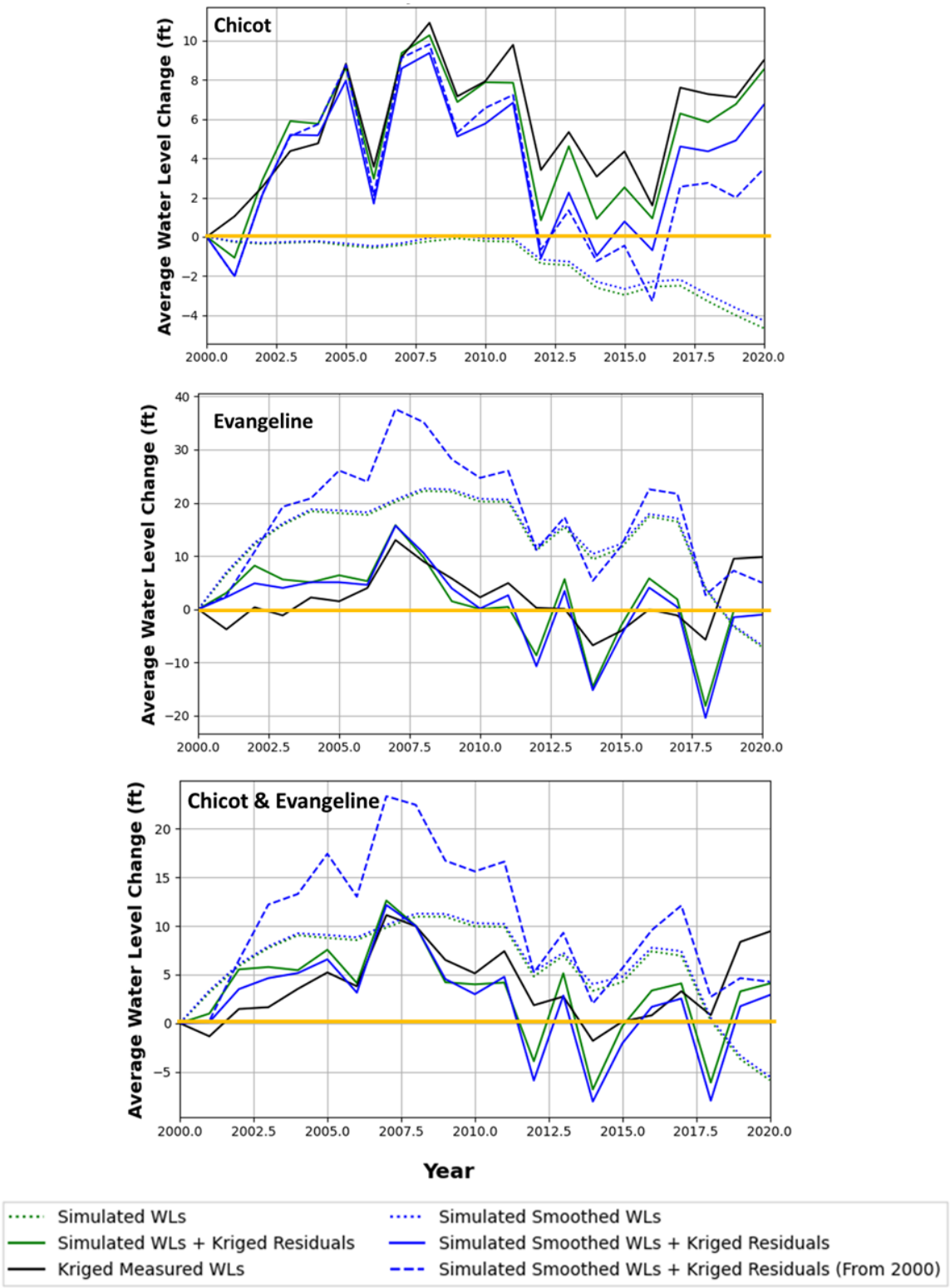



Figure D-7 Changes in the annual average water levels from five alternative methods and Simulated Smoothed WLs + Kriged residuals (SSWL+KR), which is considered to be Best Science Available for Jackson County

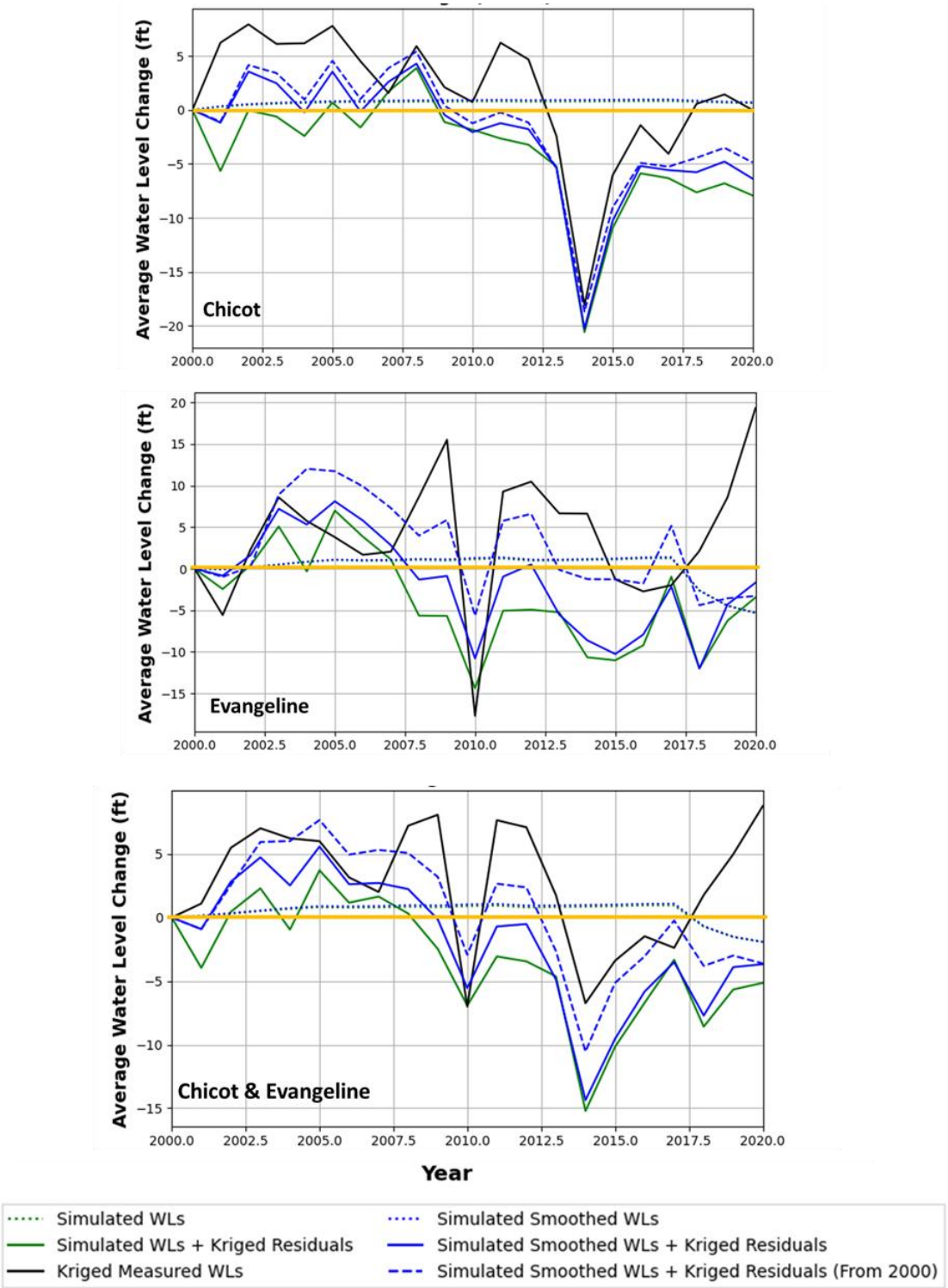



Figure D-8 Changes in the annual average water levels from five alternative methods and Simulated Smoothed WLs + Kriged residuals (SSWL+KR), which is considered to be Best Science Available for Refugio County

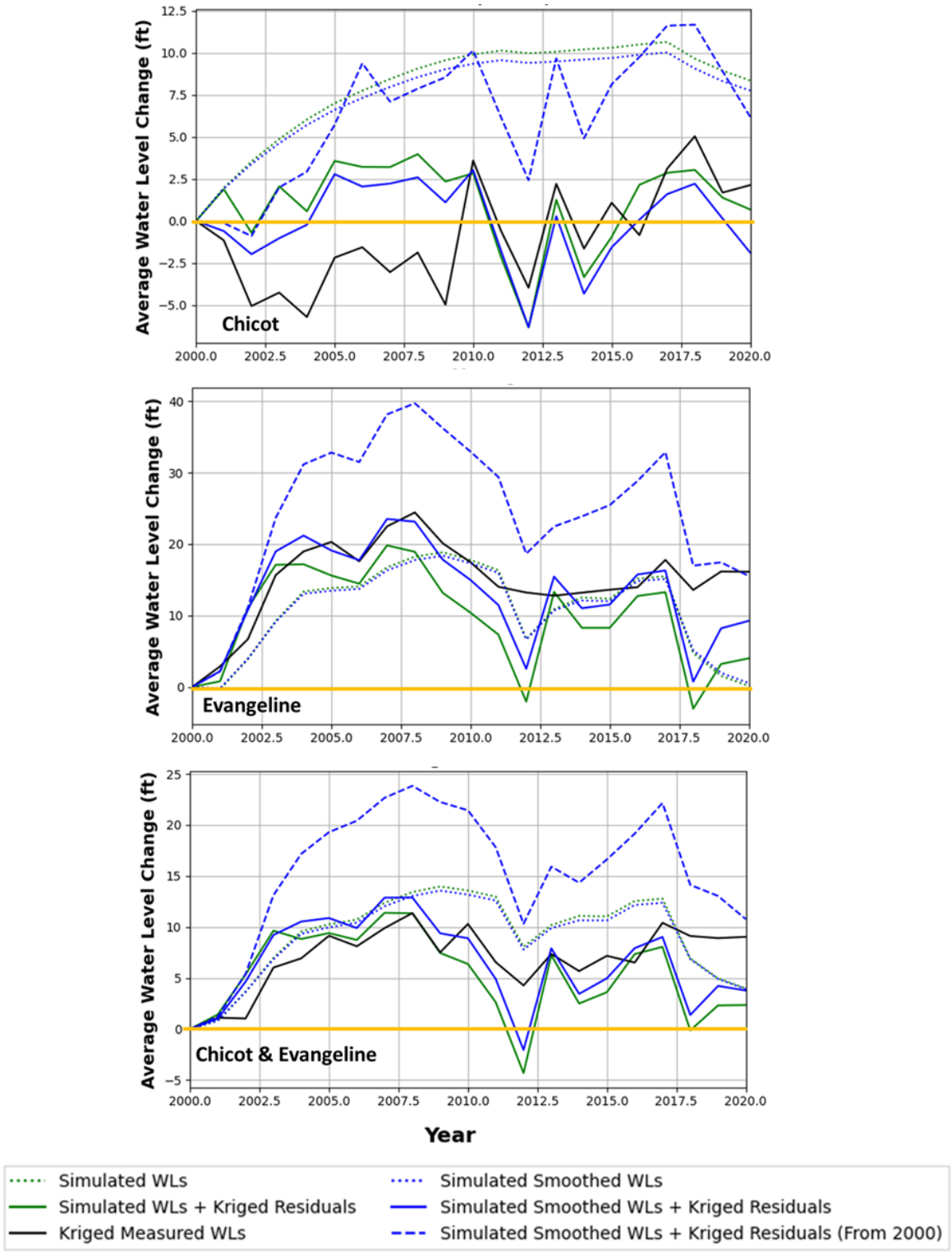



Figure D-9 Changes in the annual average water levels from five alternative methods and Simulated Smoothed WLs + Kriged residuals (SSWL+KR), which is considered to be Best Science Available for Victoria County

# APPENDIX E
# CHANGES IN WATER LEVEL ELEVATIONS IN THE CHICOT AQUIFER AND THE EVANGELINE AQUIFER ACROSS CALHOUN, JACKSON, REFUGIO, AND VICTORIA COUNTIES FROM 2000 TO 2020 IN 10-YEAR AND 5-YEAR INTERVALS

Changes in Water Level Elevations in the Chicot Aquifer and the Evangeline Aquifer across Calhoun, Jackson, Refugio, and Victoria Counties for the time periods in 10-year increments: 2000-2010 and 2010-2020, and 5-year increments: 2000-2005, 2005-2010, 2010-2015, and 2015 -2020

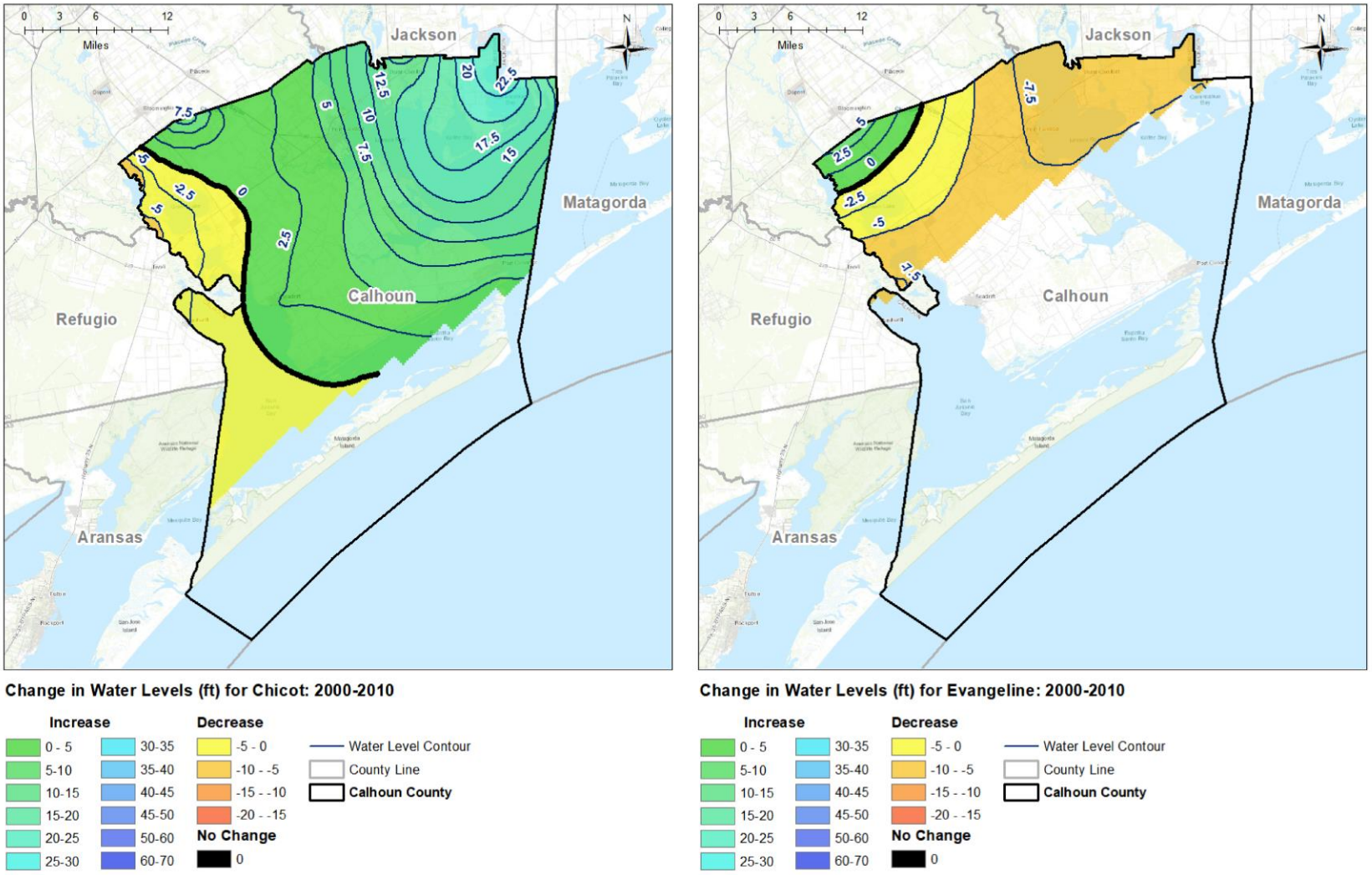



Figure E-1 Change in water level elevation in the Chicot and Evangeline aquifers across Calhoun County for 2000-2010

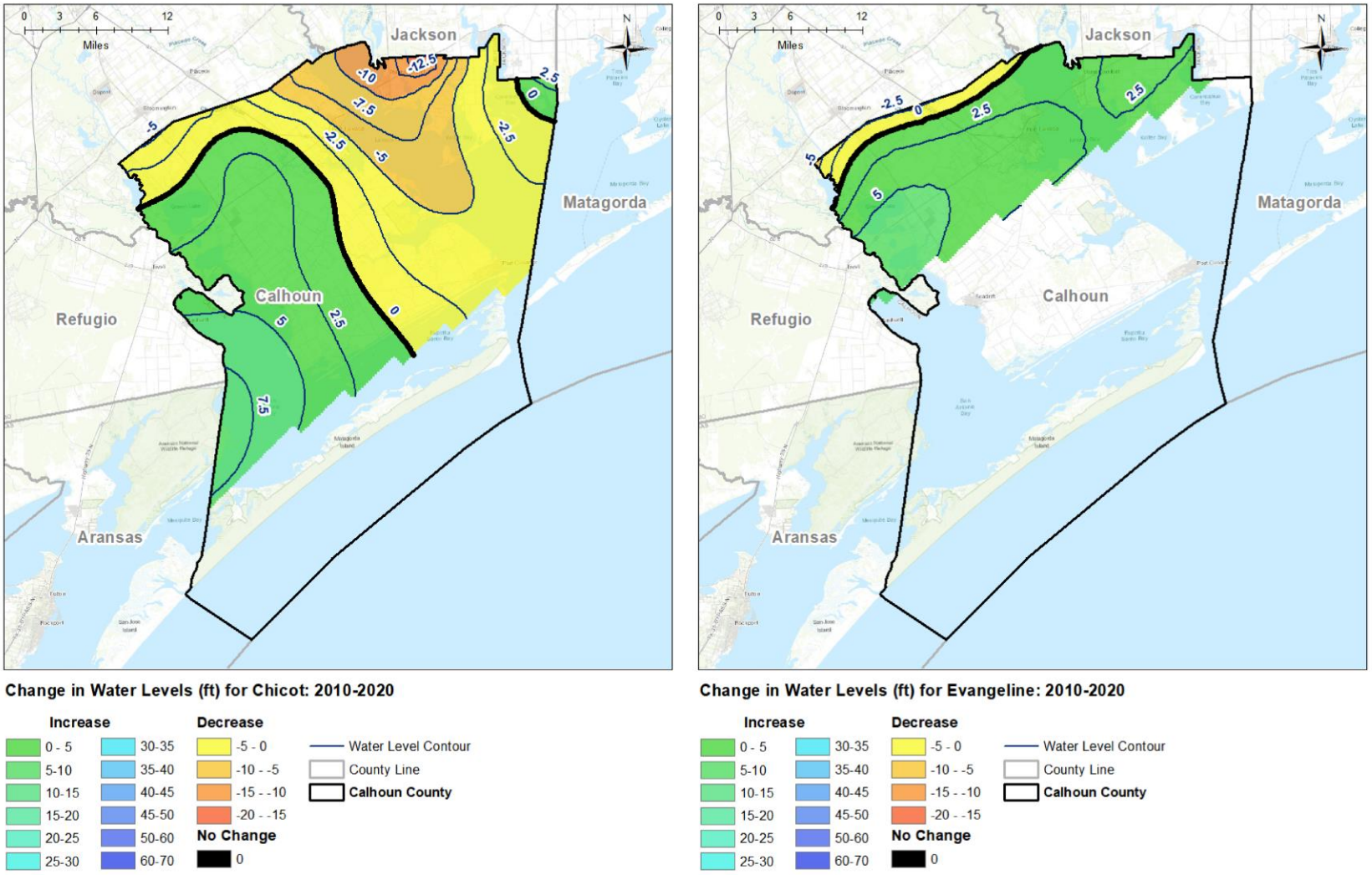



Figure E-2 Change in water level elevation in the Chicot and Evangeline aquifers across Calhoun County for 2010-2020

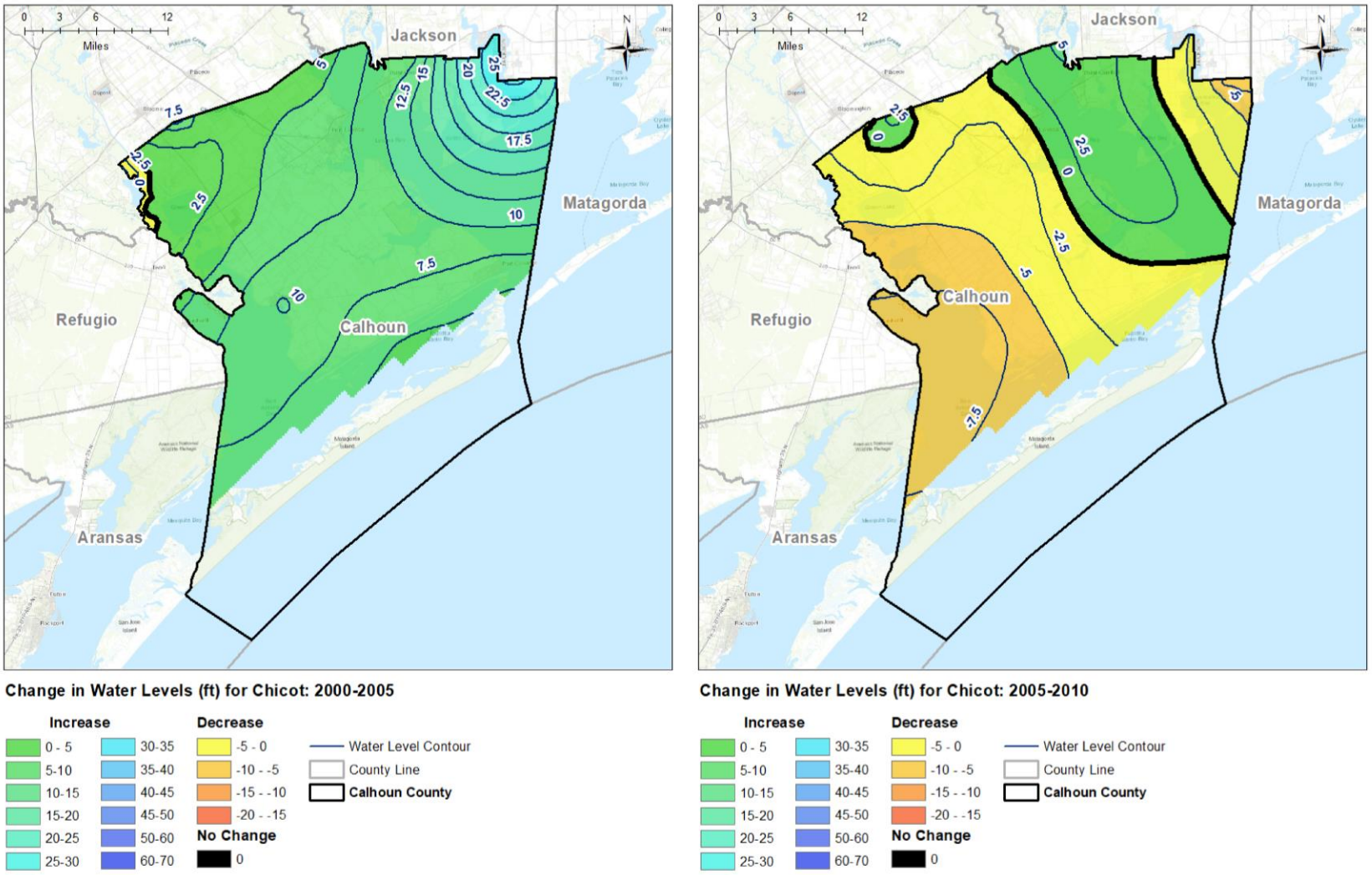



Figure E-3 Change in water level elevation in the Chicot Aquifer across Calhoun County for 2000-2005 and for 2005-2010

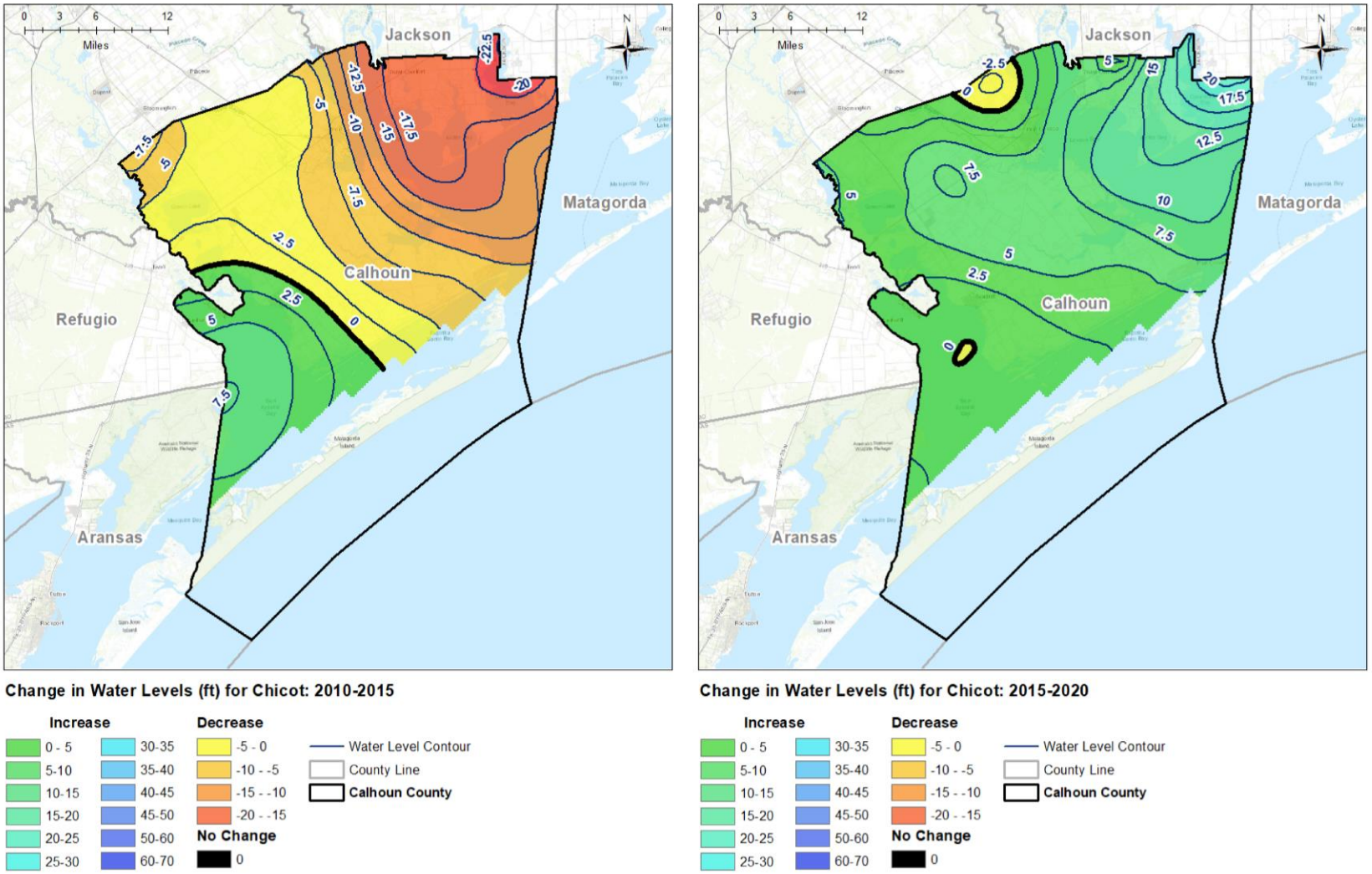



Figure E-4 Change in water level elevation in the Chicot Aquifer across Calhoun County for 2010-2015 and for 2015-2020

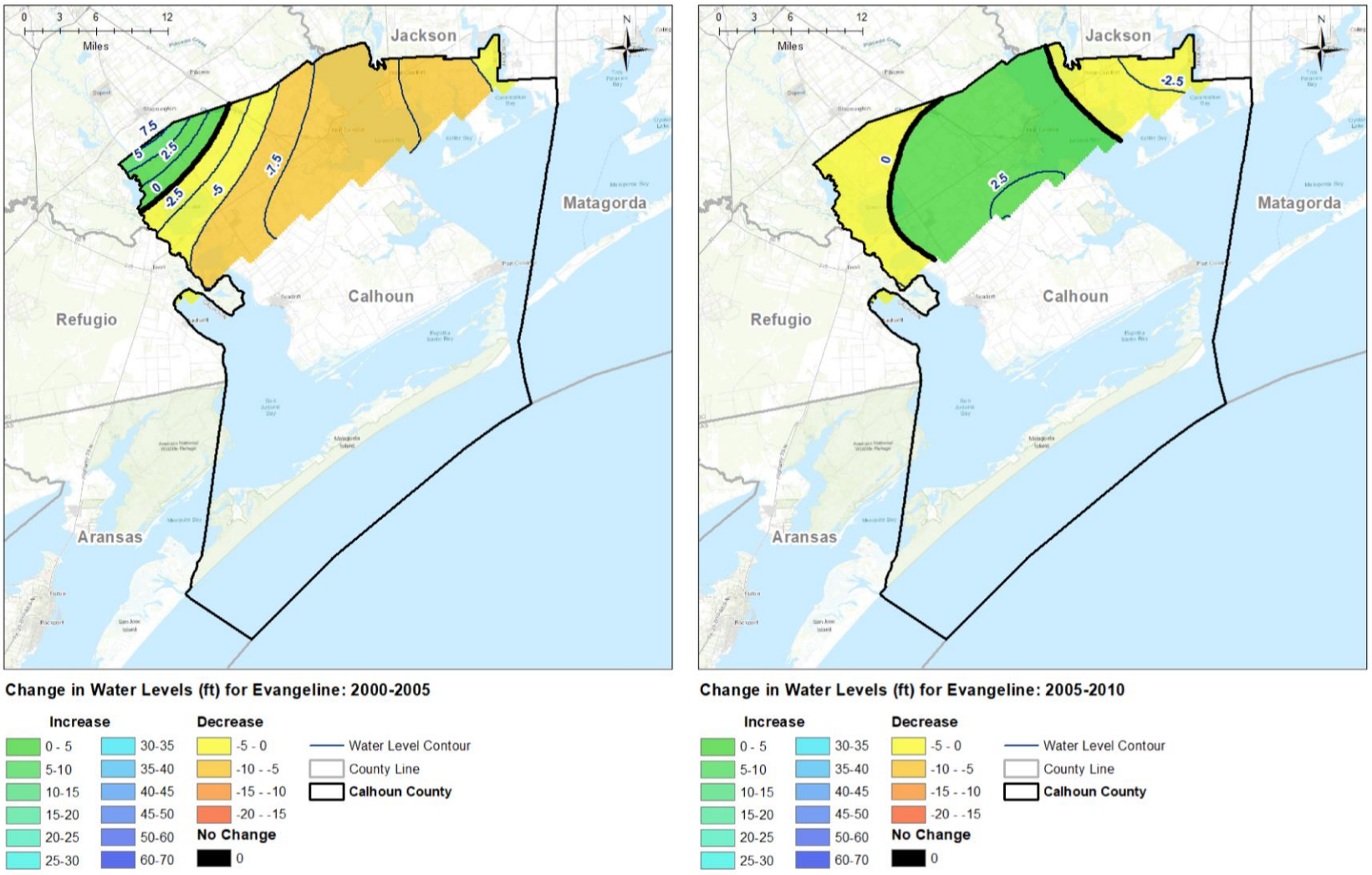



Figure E-5 Change in water level elevation in the Evangeline Aquifer across Calhoun County for 2000-2005 and for 2005-2010

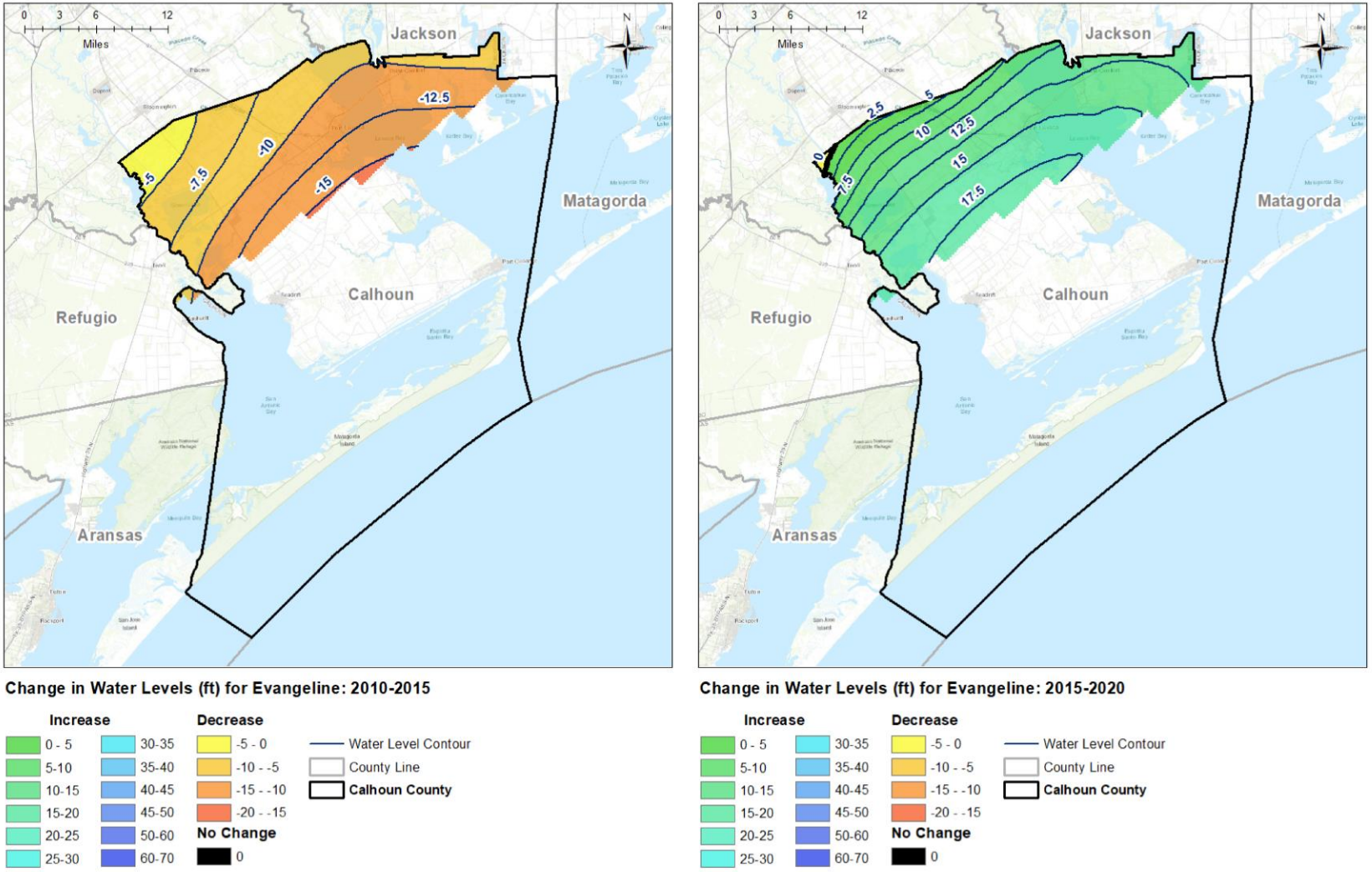



Figure E-6 Change in water level elevation in the Evangeline Aquifer across Calhoun County for 2010-2015 and for 2015-2020

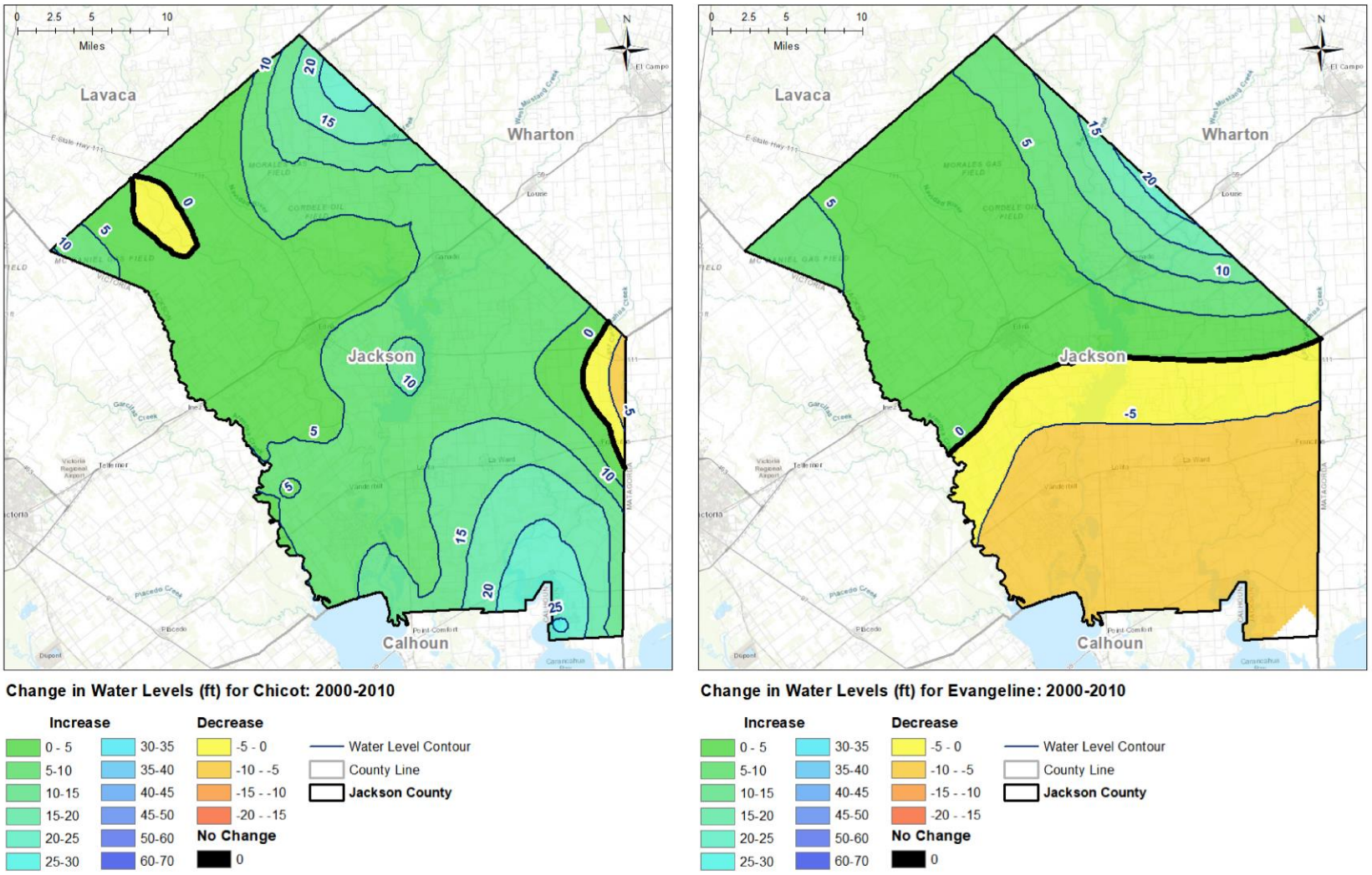



Figure E-7 Change in water level elevation in the Chicot and Evangeline aquifers across Jackson County for 2000-2010

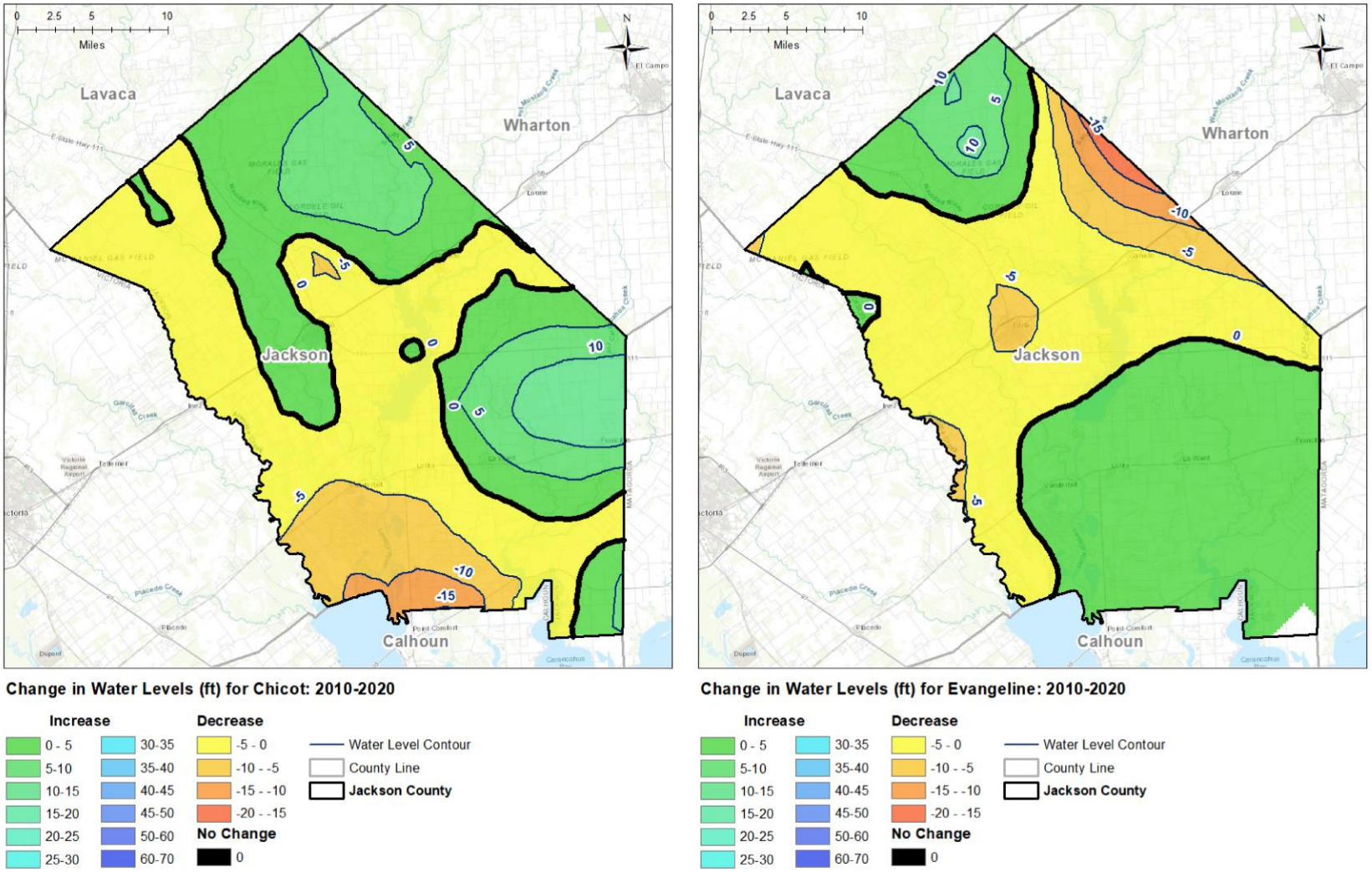



Figure E-8 Change in water level elevation in the Chicot and Evangeline aquifers across Jackson County for 2010-2020

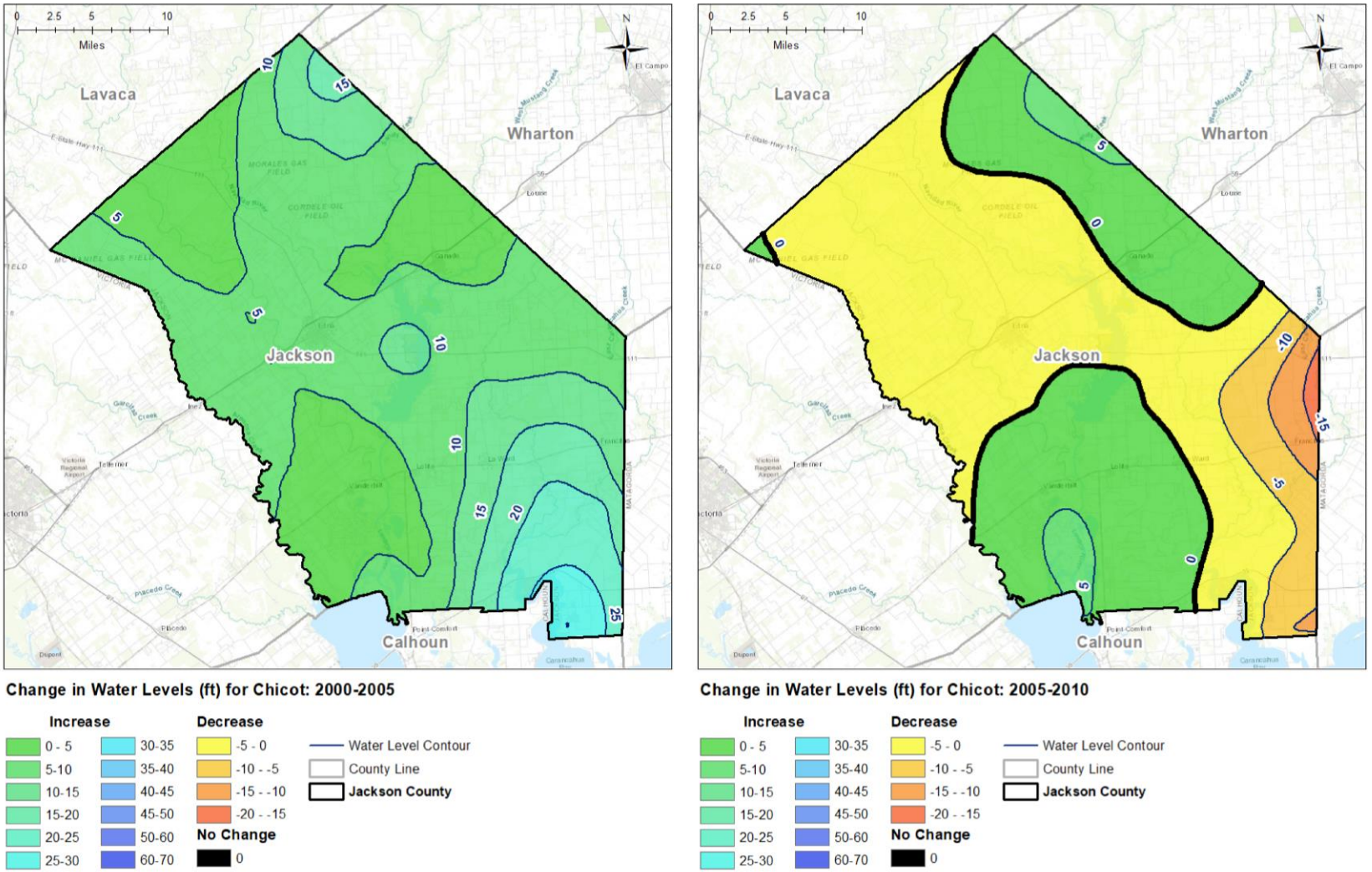



Figure E-9 Change in water level elevation in the Chicot Aquifer across Jackson County for 2000-2005 and for 2005-2010

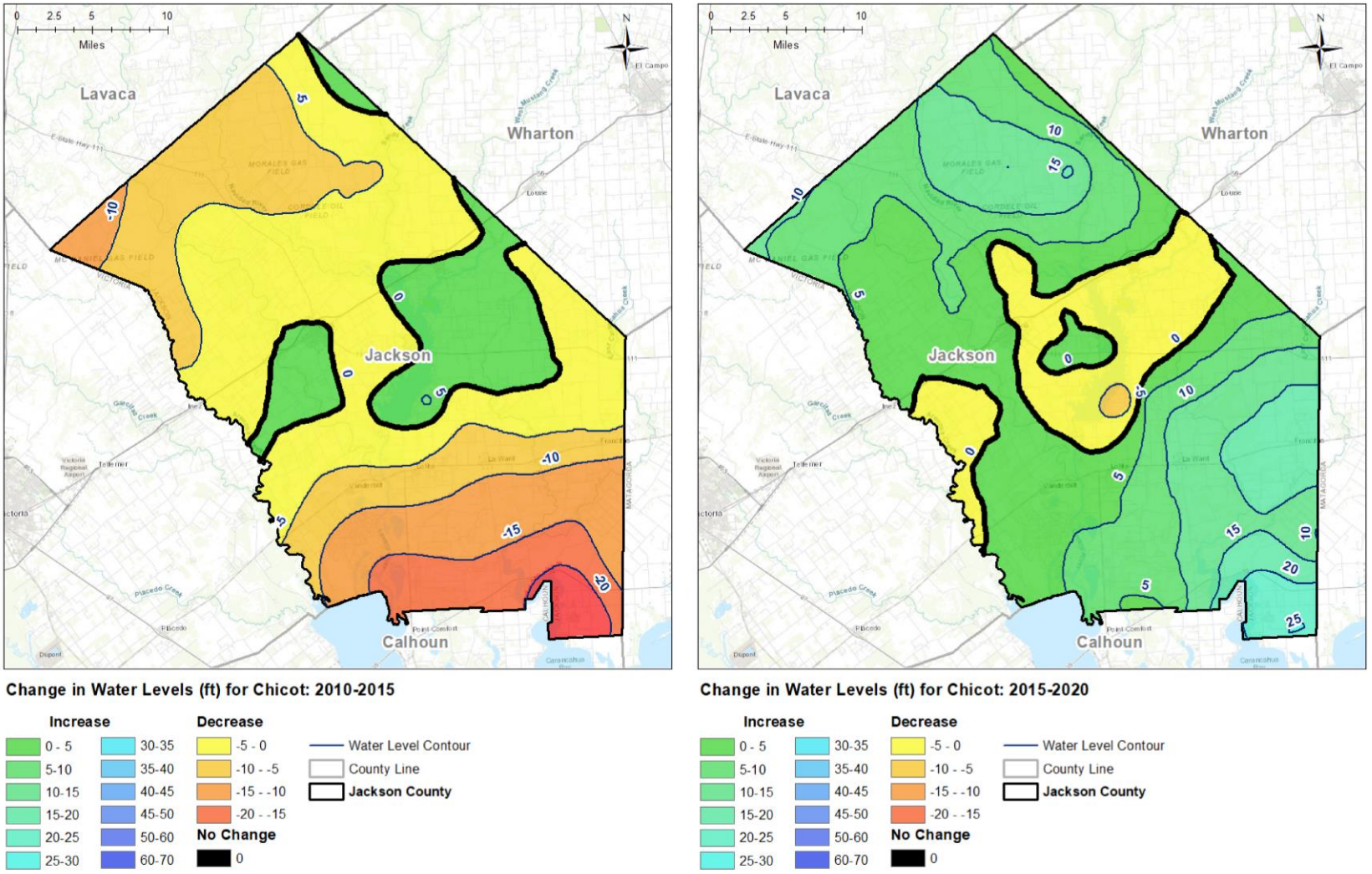



Figure E-10 Change in water level elevation in the Chicot Aquifer across Jackson County for 2010-2015 and for 2015-2020

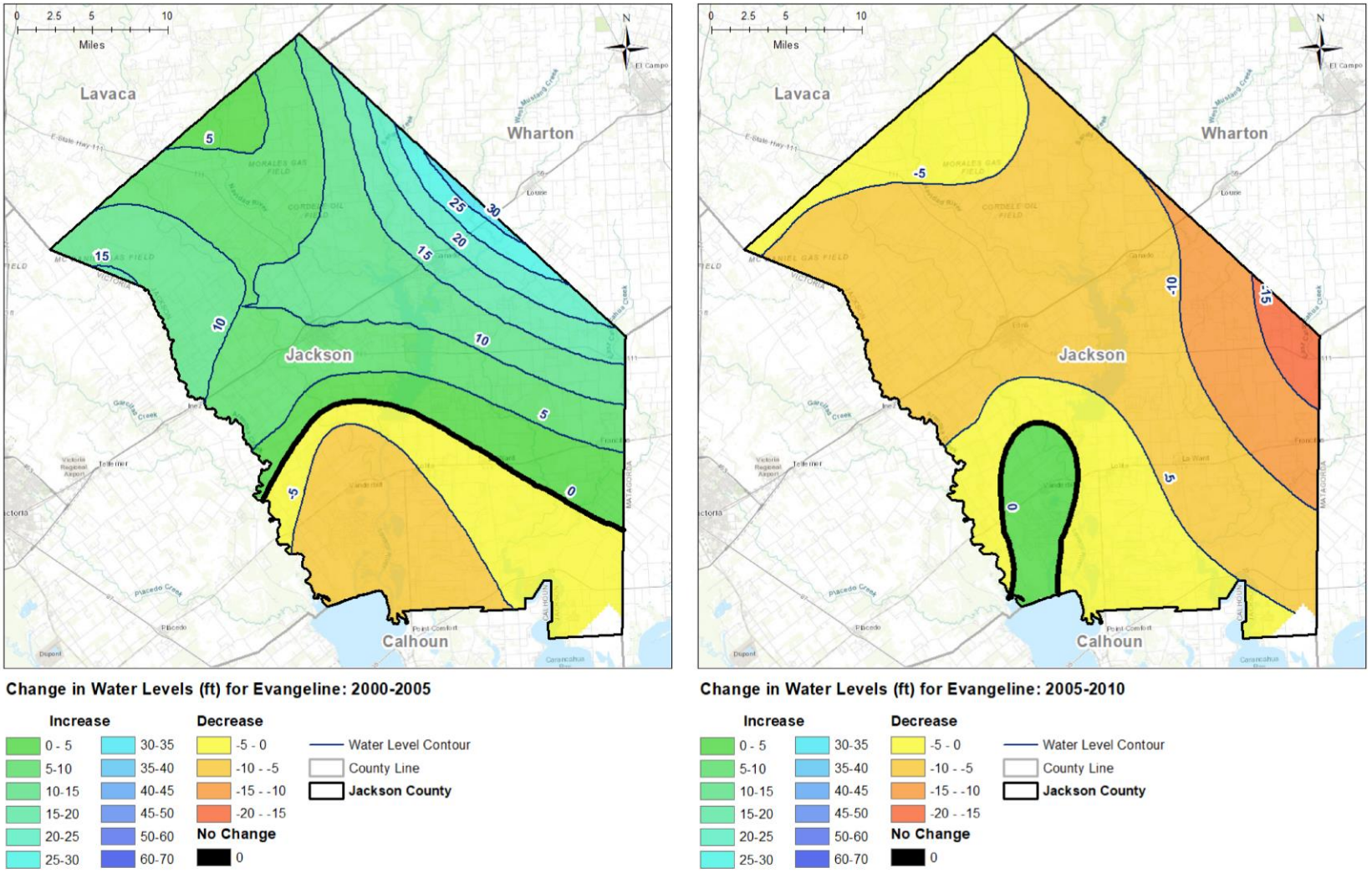



Figure E-11 Change in water level elevation in the Evangeline Aquifer across Jackson County for 2000-2005 and for 2005-2010

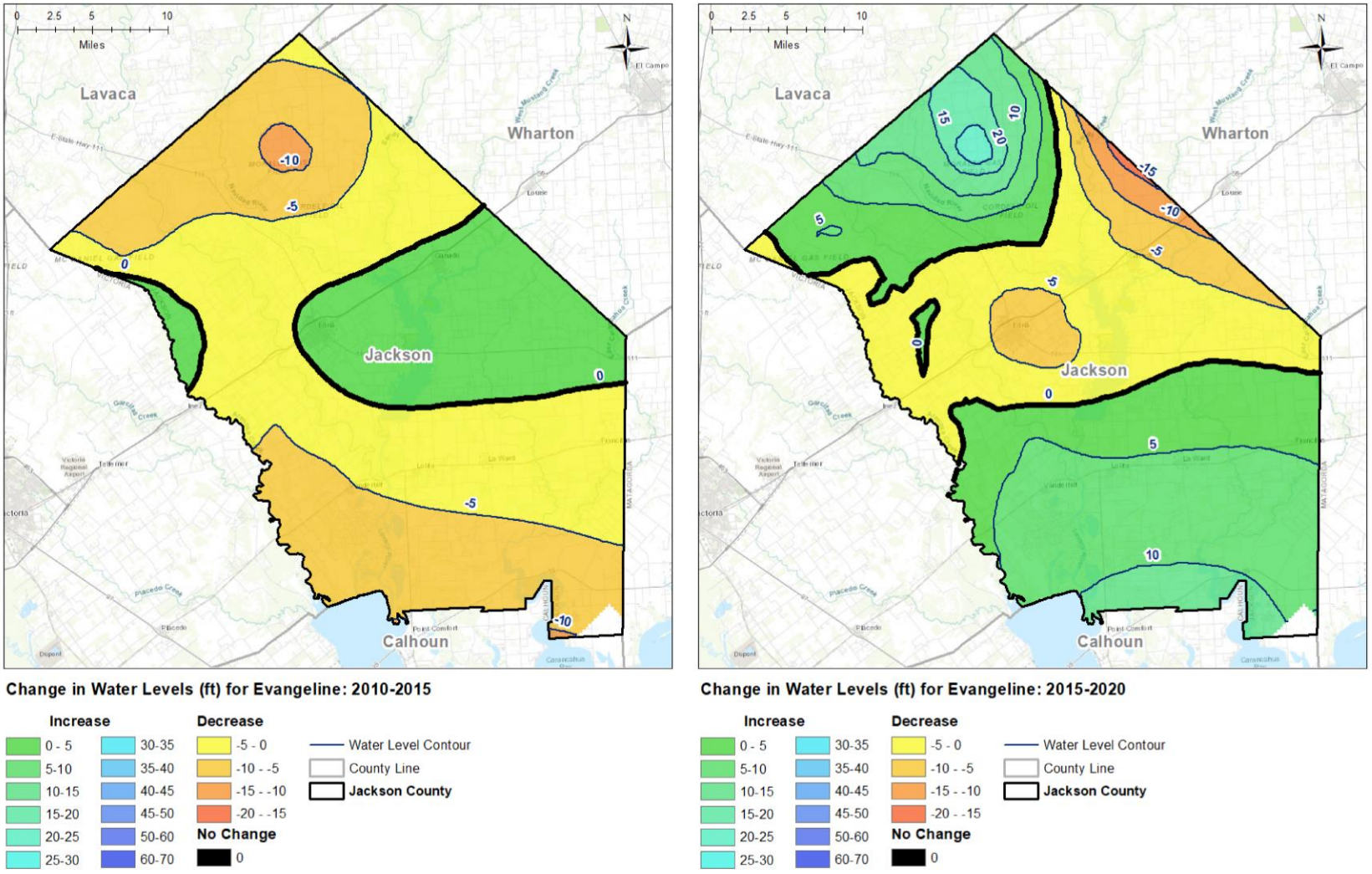



Figure E-12 Change in water level elevation in the Evangeline Aquifer across Jackson County for 2010-2015 and for 2015-2020

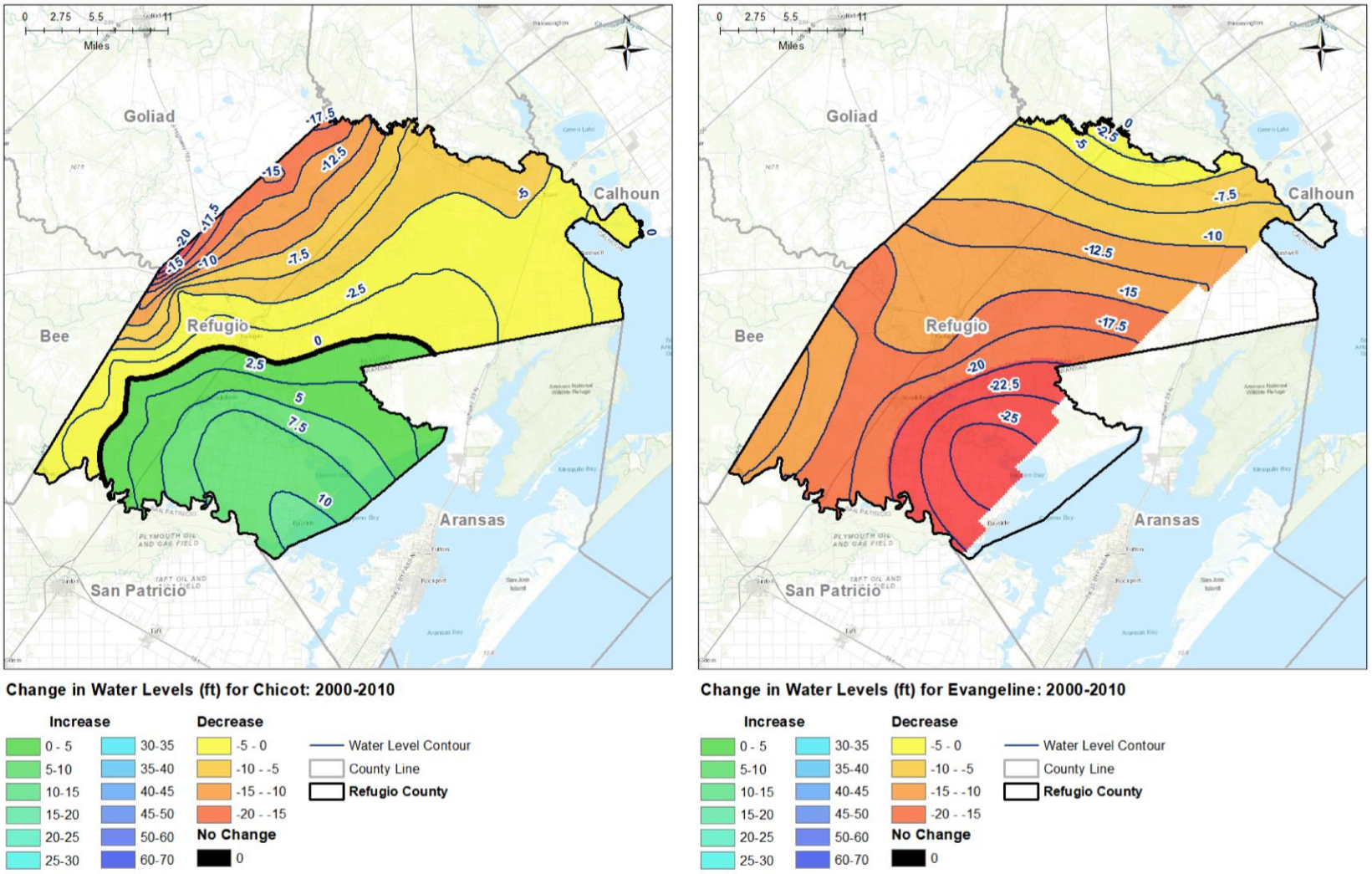



Figure E-13 Change in water level elevation in the Chicot and Evangeline aquifers across Refugio County for 2000-2010

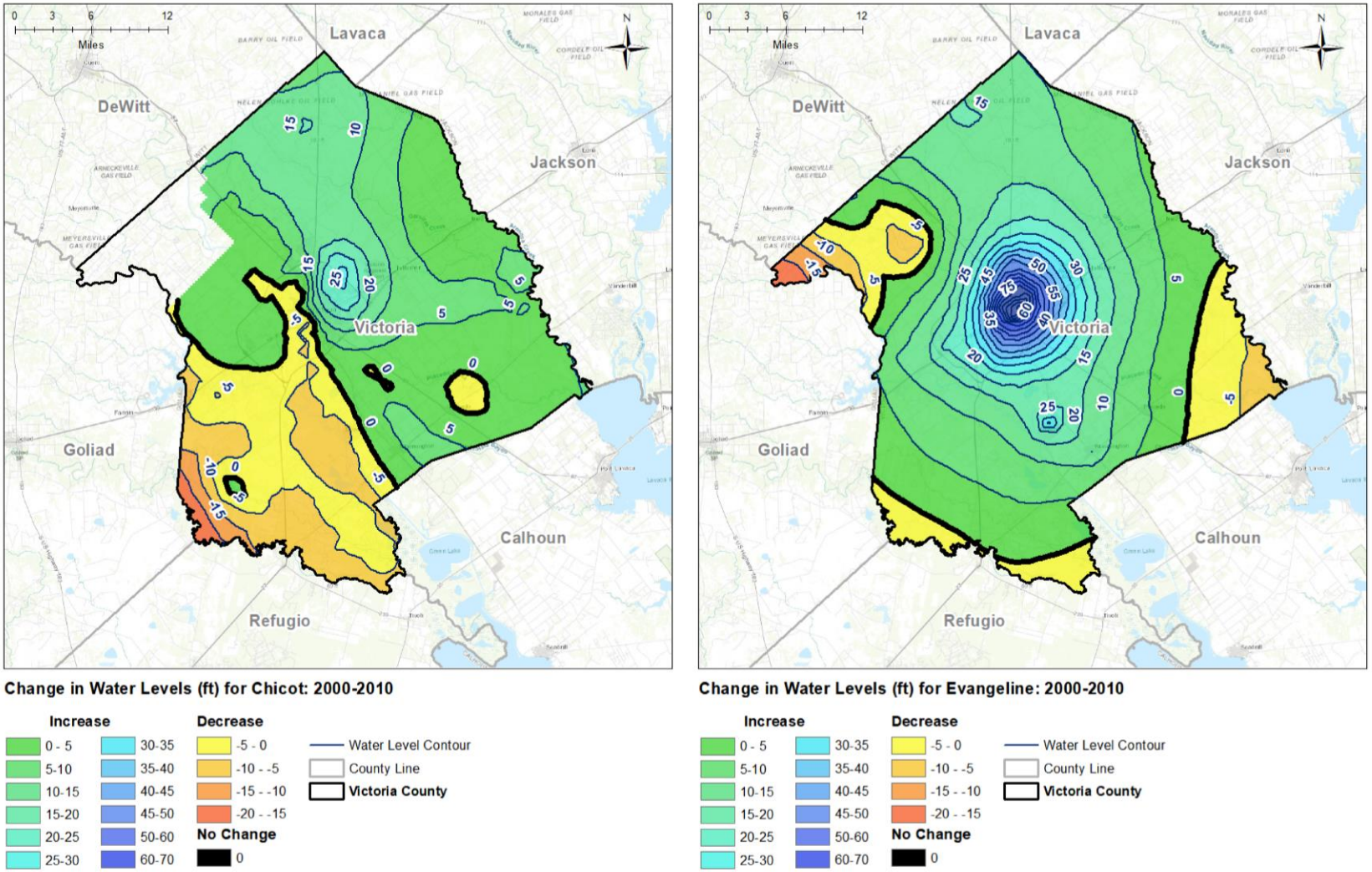



Figure E-14 Change in water level elevation in the Chicot and Evangeline aquifers across Refugio County for 2010-2020

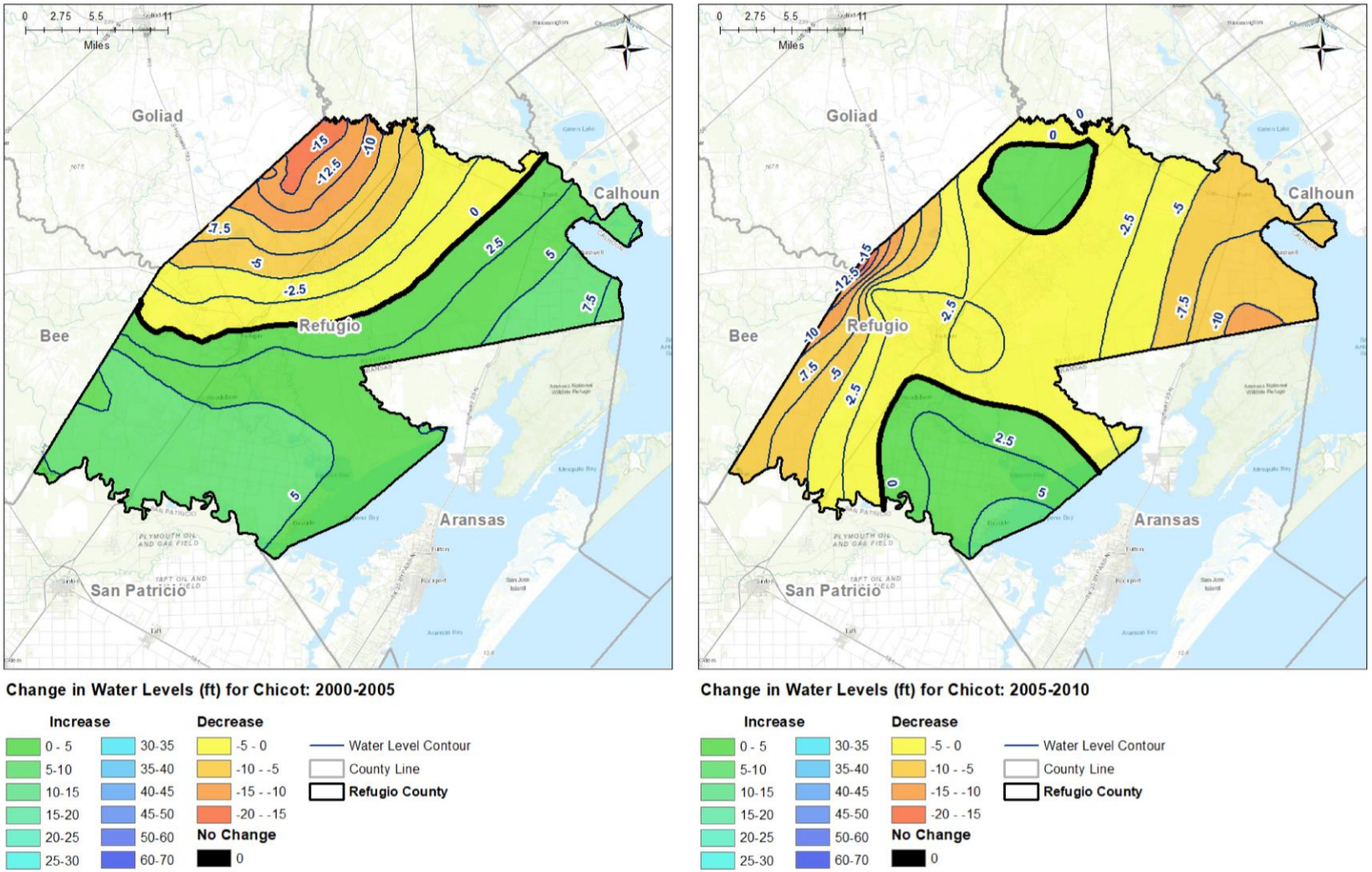



Figure E-15 Change in water level elevation in the Chicot Aquifer across Refugio County for 2000-2005 and for 2005-2010

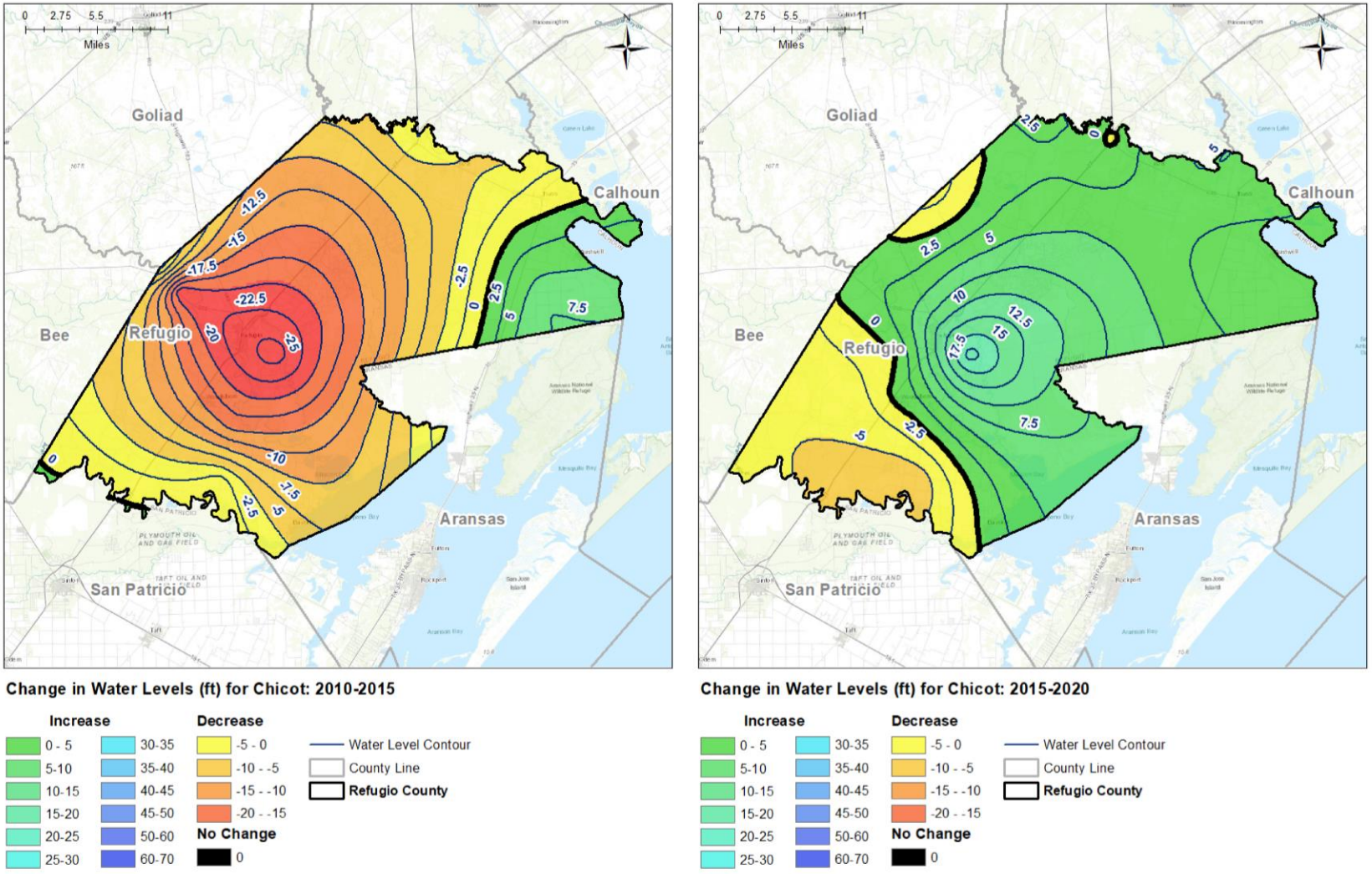



Figure E-16 Change in water level elevation in the Chicot Aquifer across Refugio County for 2010-2015 and for 2015-2020

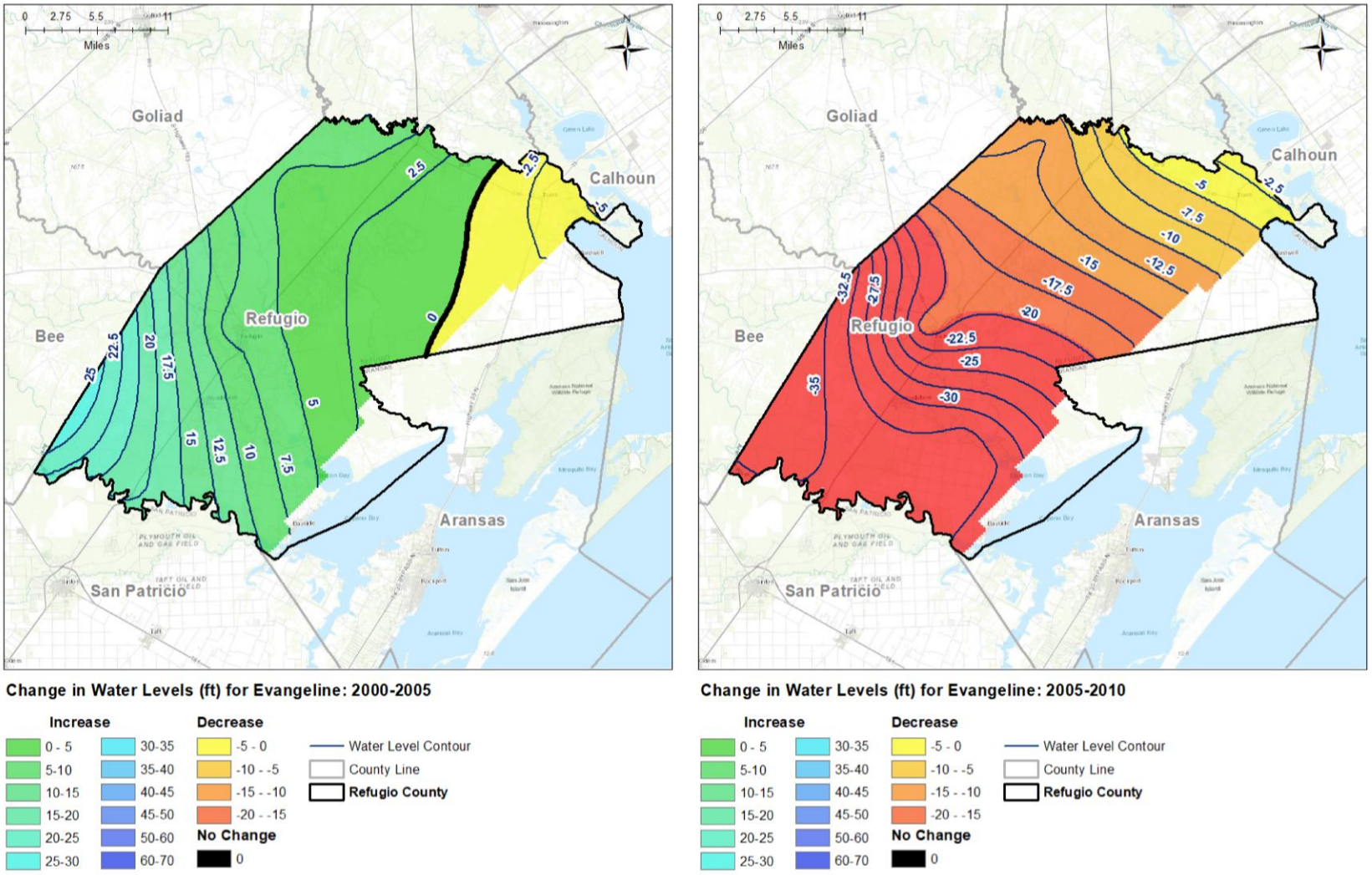



Figure E-17 Change in water level elevation in the Evangeline Aquifer across Refugio County for 2000-2005 and for 2005-2010

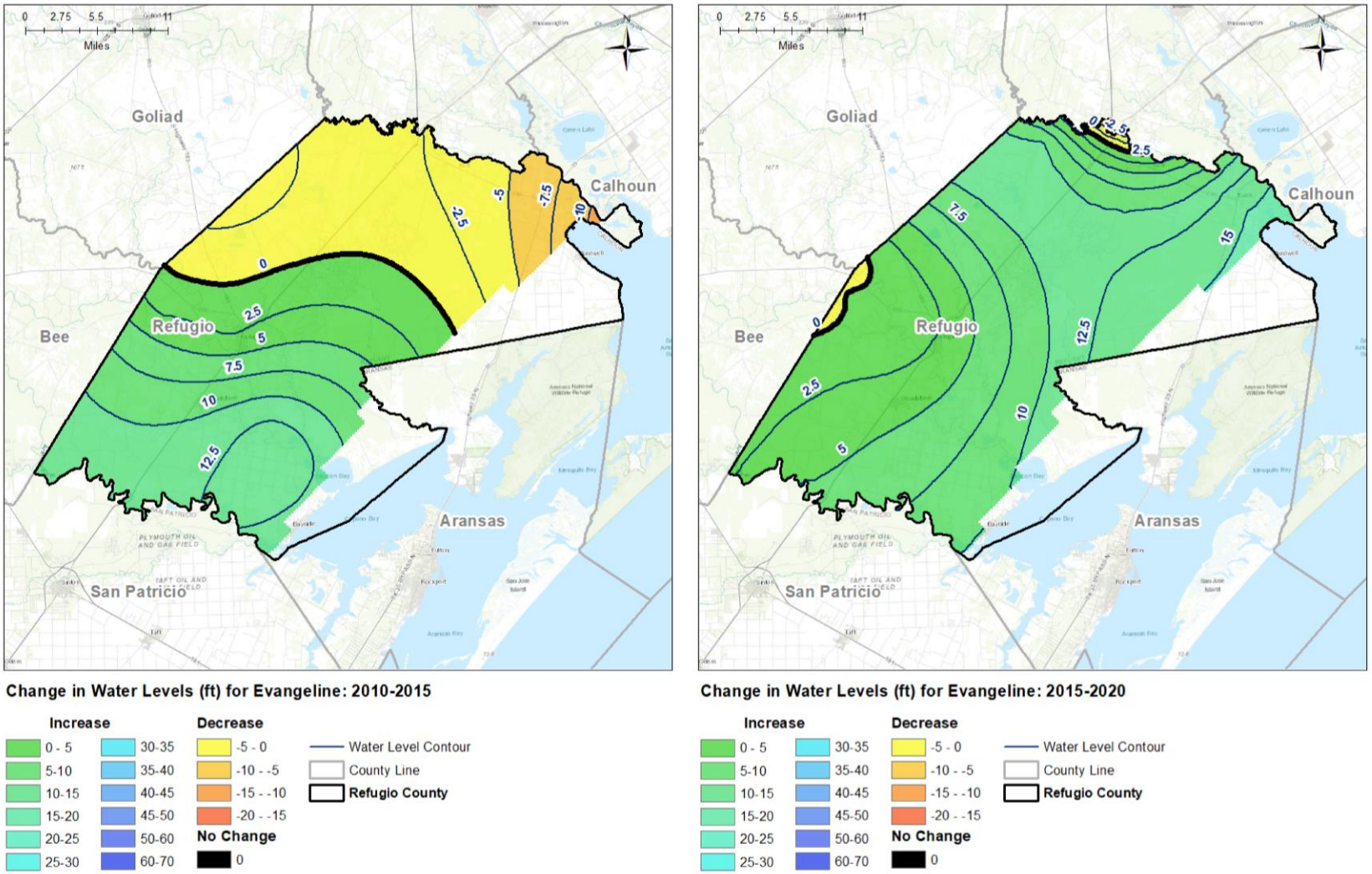



Figure E-18 Change in water level elevation in the Evangeline Aquifer across Refugio County for 2010-2015 and for 2015-2020

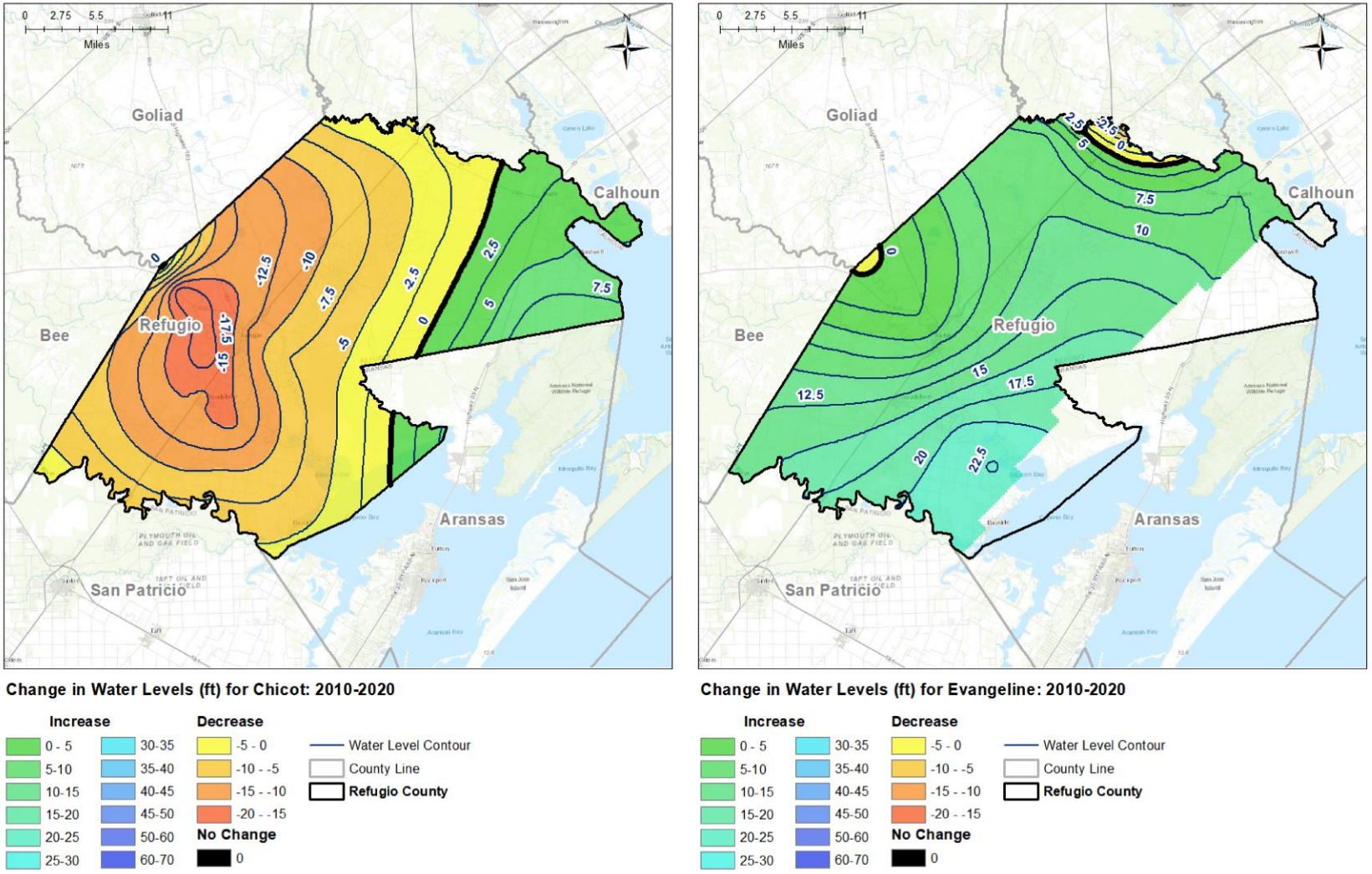



Figure E-19 Change in water level elevation in the Chicot and Evangeline aquifers across Victoria County for 2000-2010

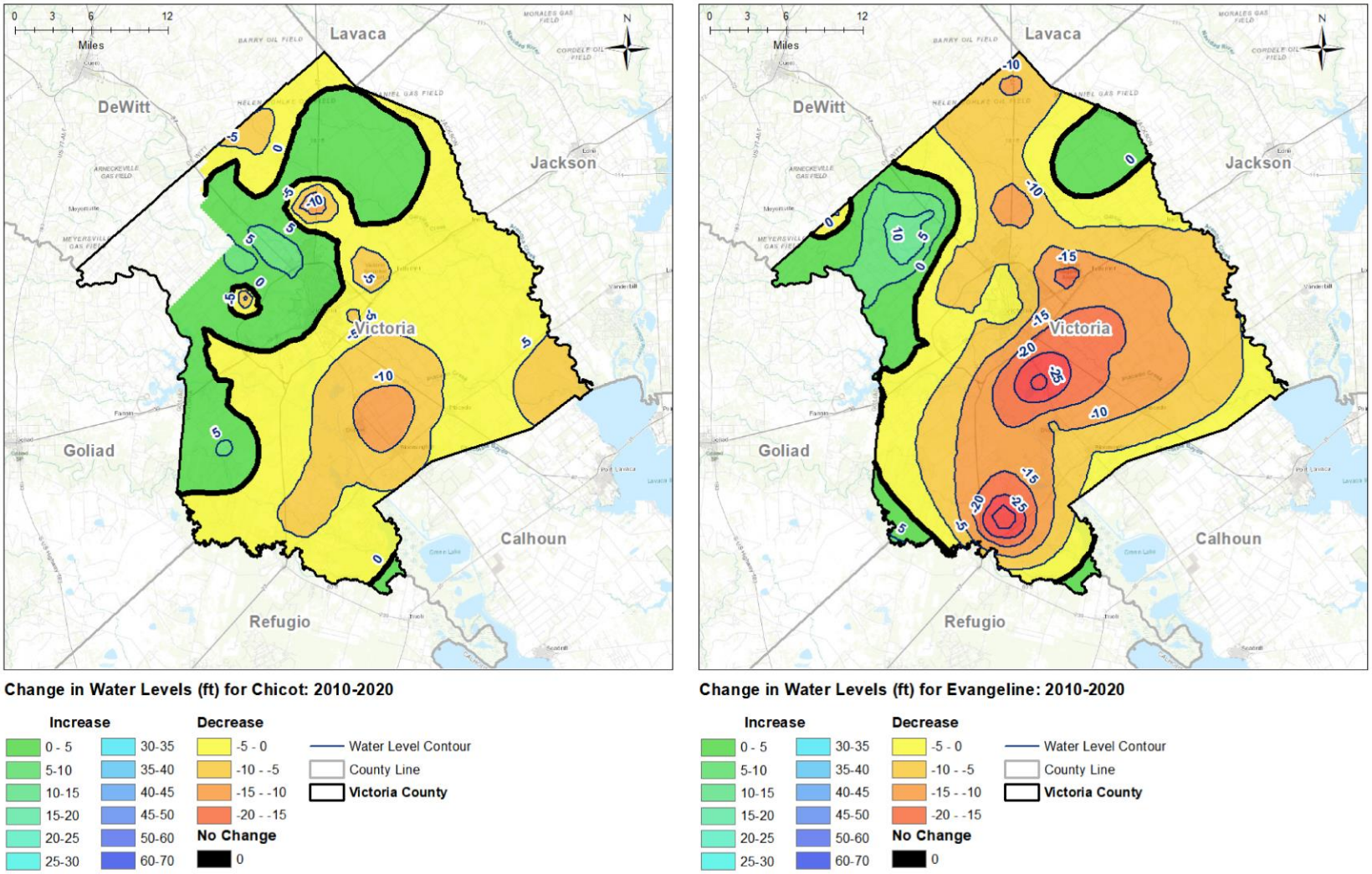



Figure E-20 Change in water level elevation in the Chicot and Evangeline aquifers across Victoria County for 2010-2020

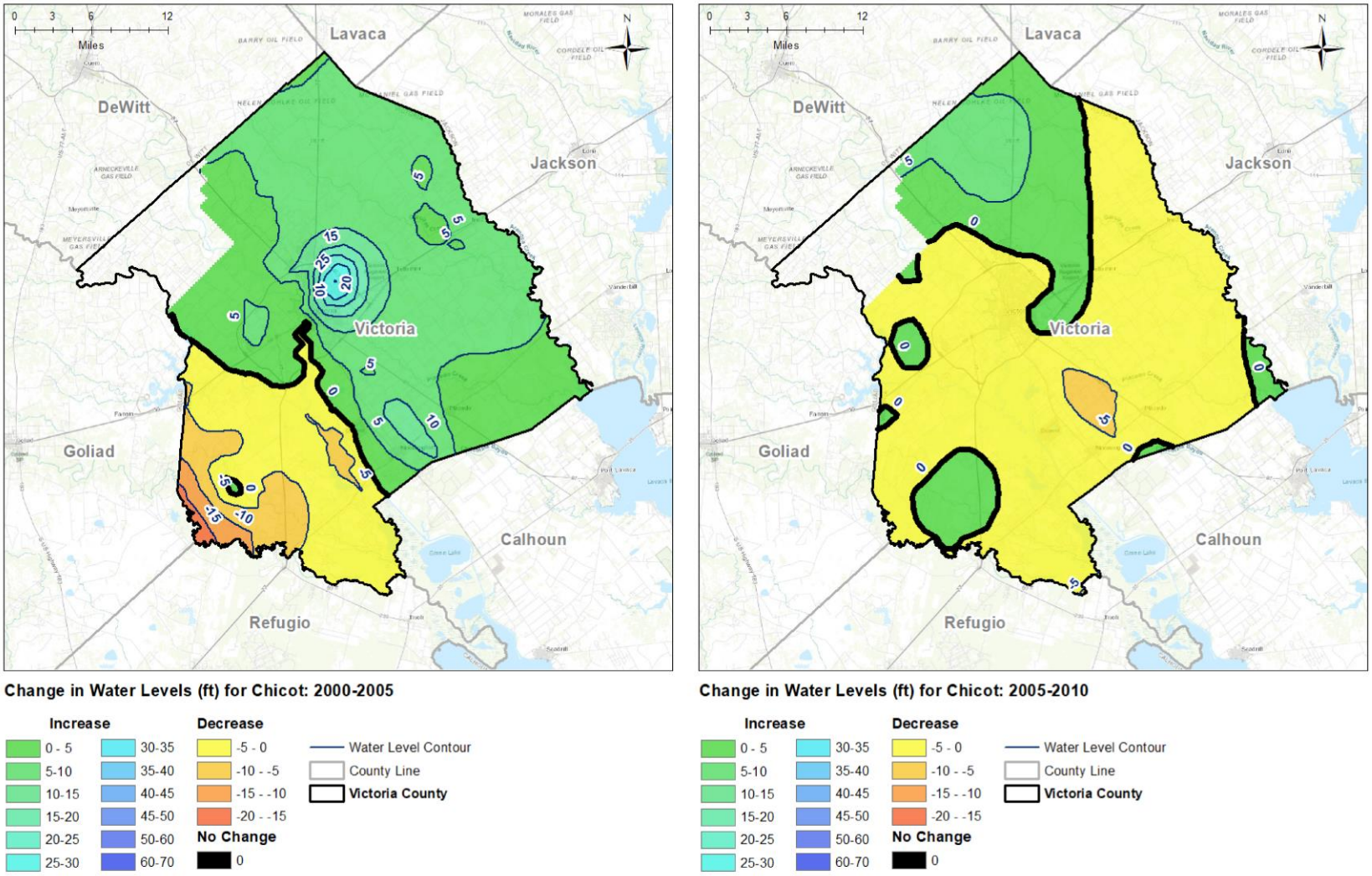



Figure E-21 Change in water level elevation in the Chicot Aquifer across Victoria County for 2000-2005 and for 2005-2010

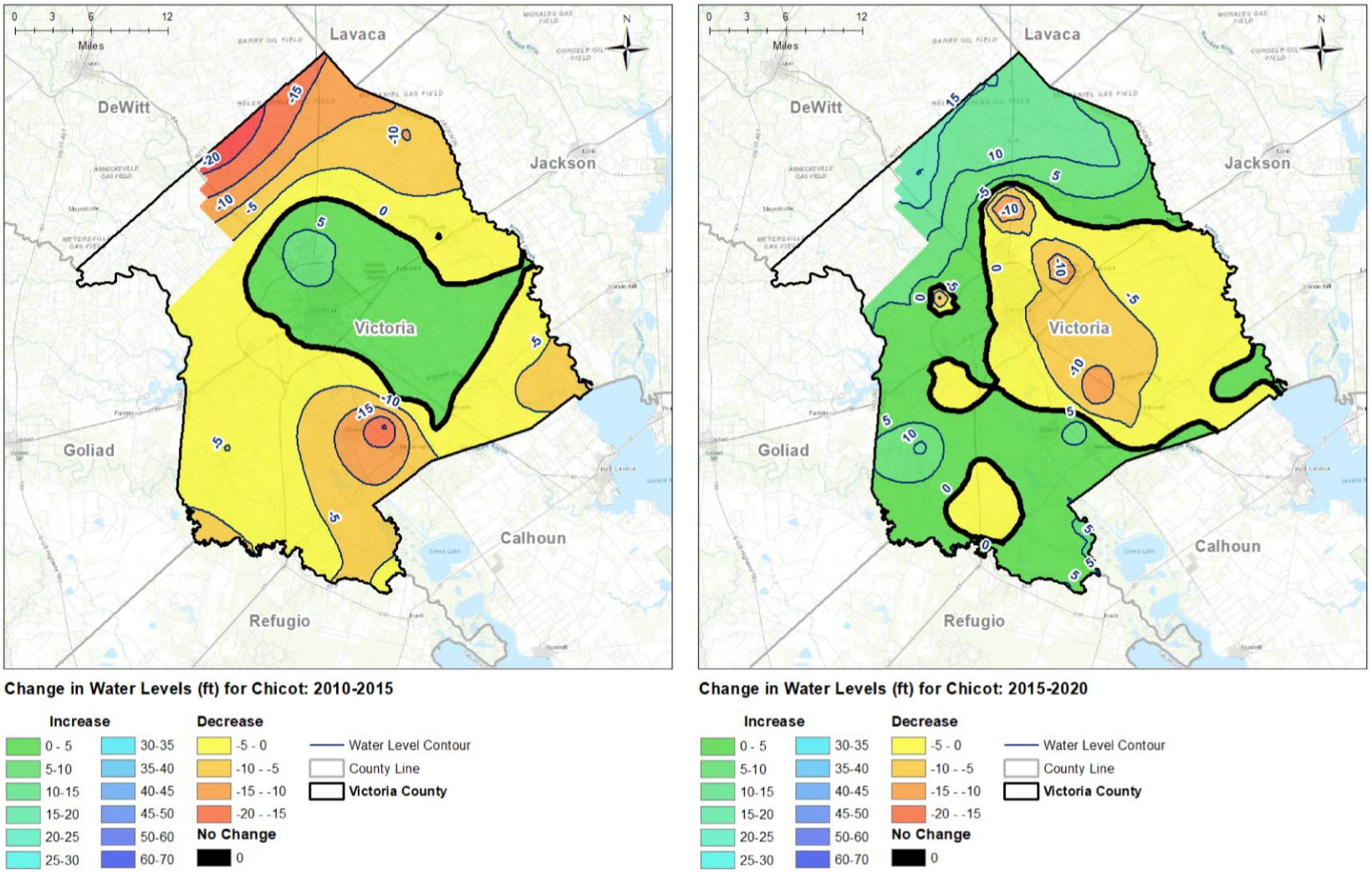



Figure E-22 Change in water level elevation in the Chicot Aquifer across Victoria County for 2010-2015 and for 2015-2020

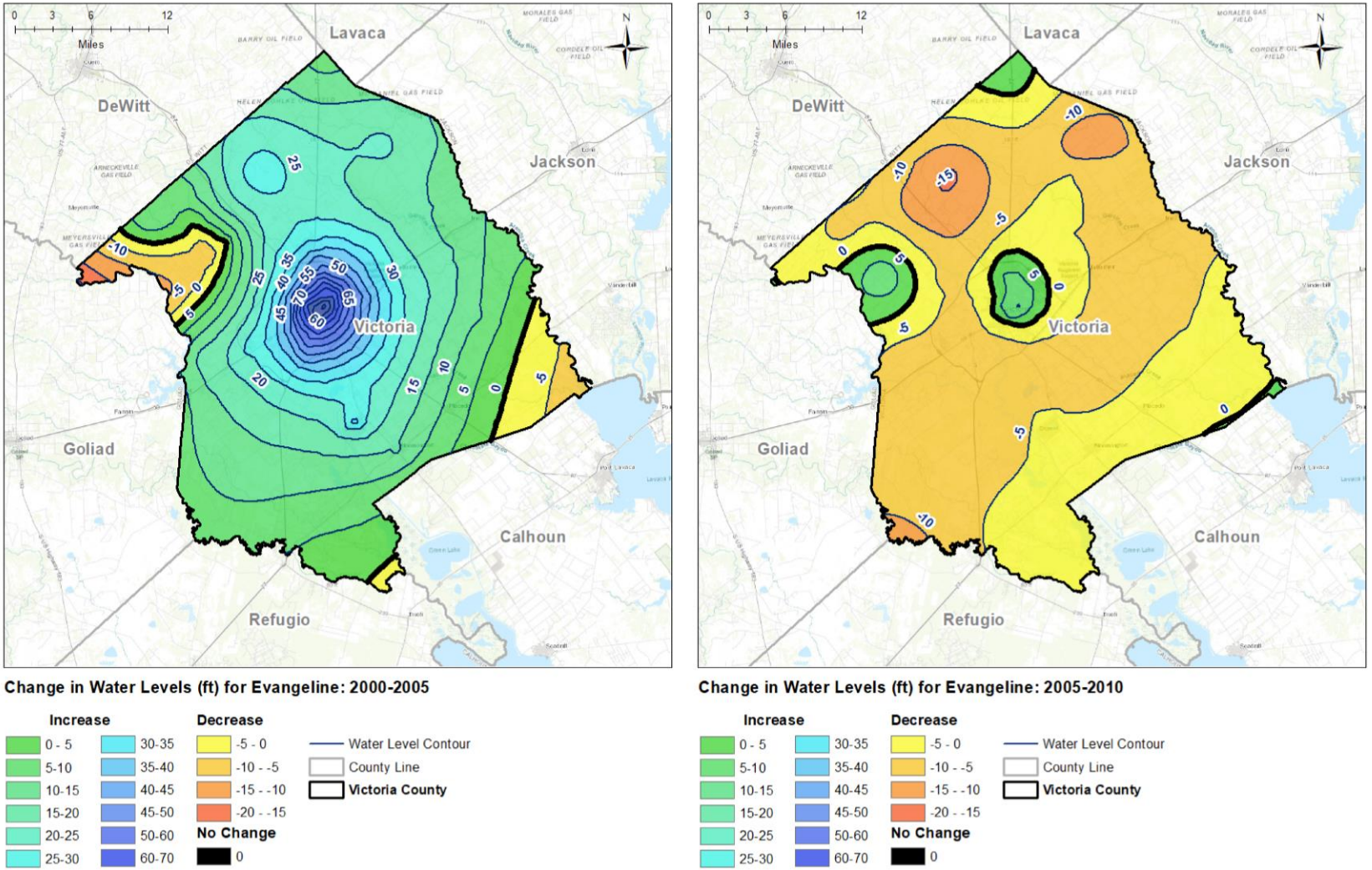



Figure E-23 Change in water level elevation in the Evangeline Aquifer across Victoria County for 2000-2005 and for 2005-2010

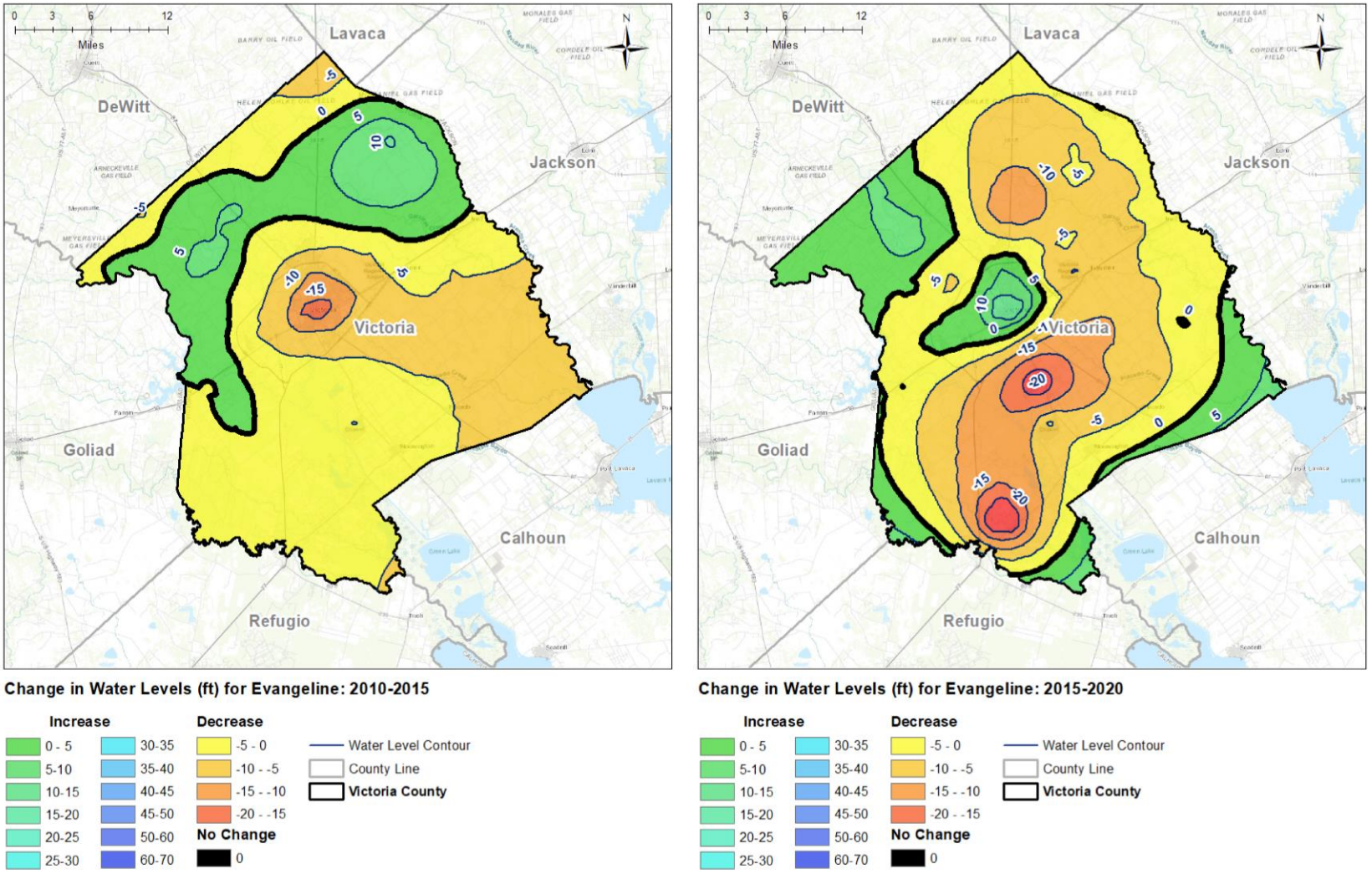
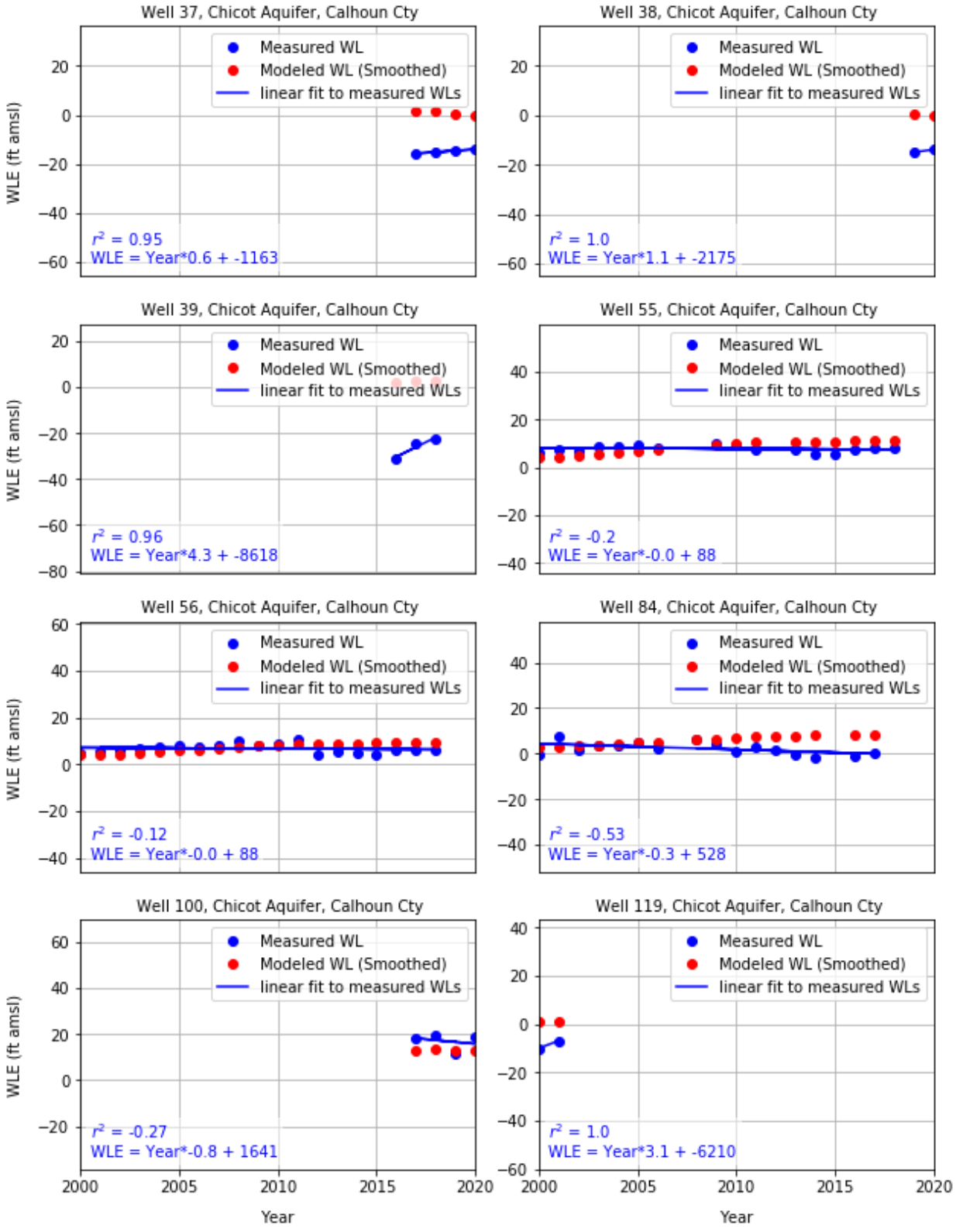
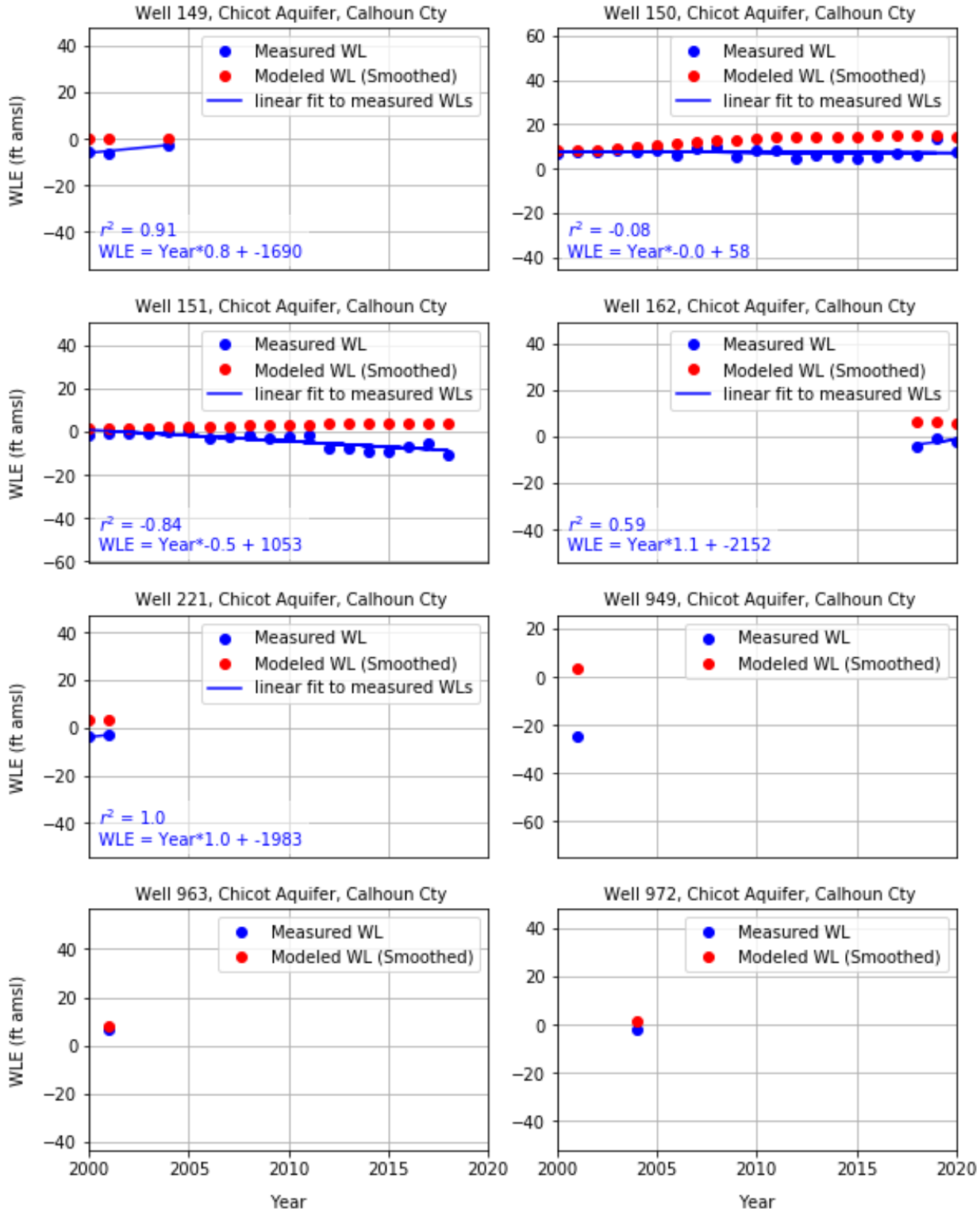
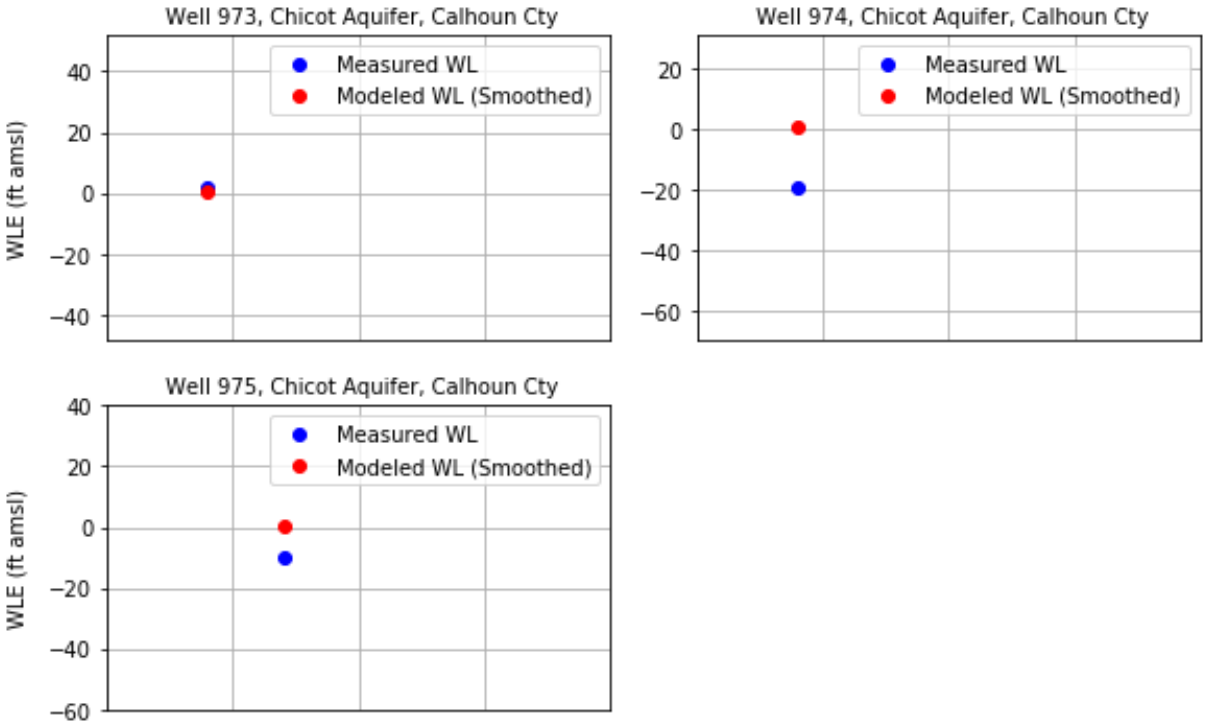


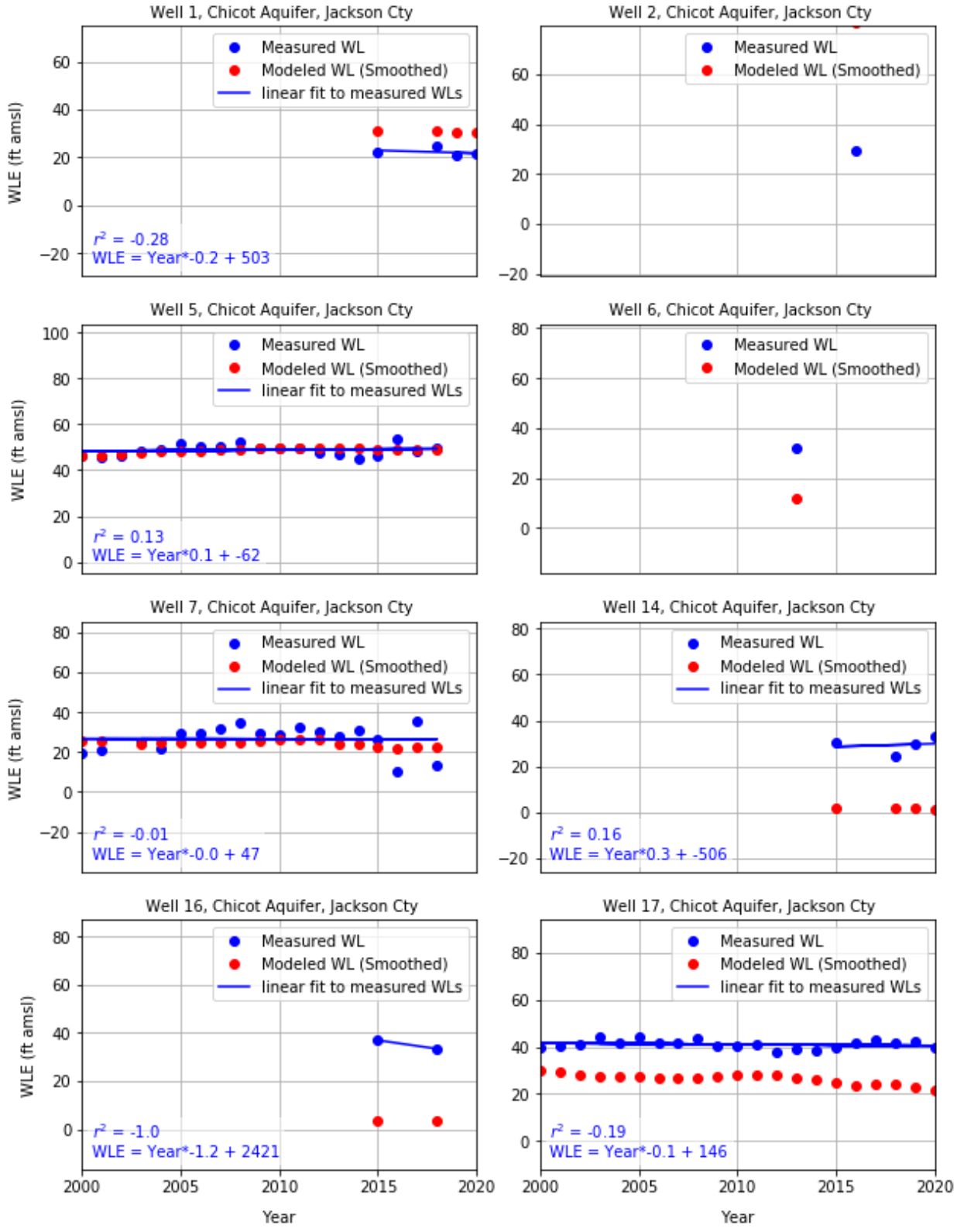

Figure E-24 Change in water level elevation in the Evangeline Aquifer across Victoria County for 2010-2015 and for 2015-2020

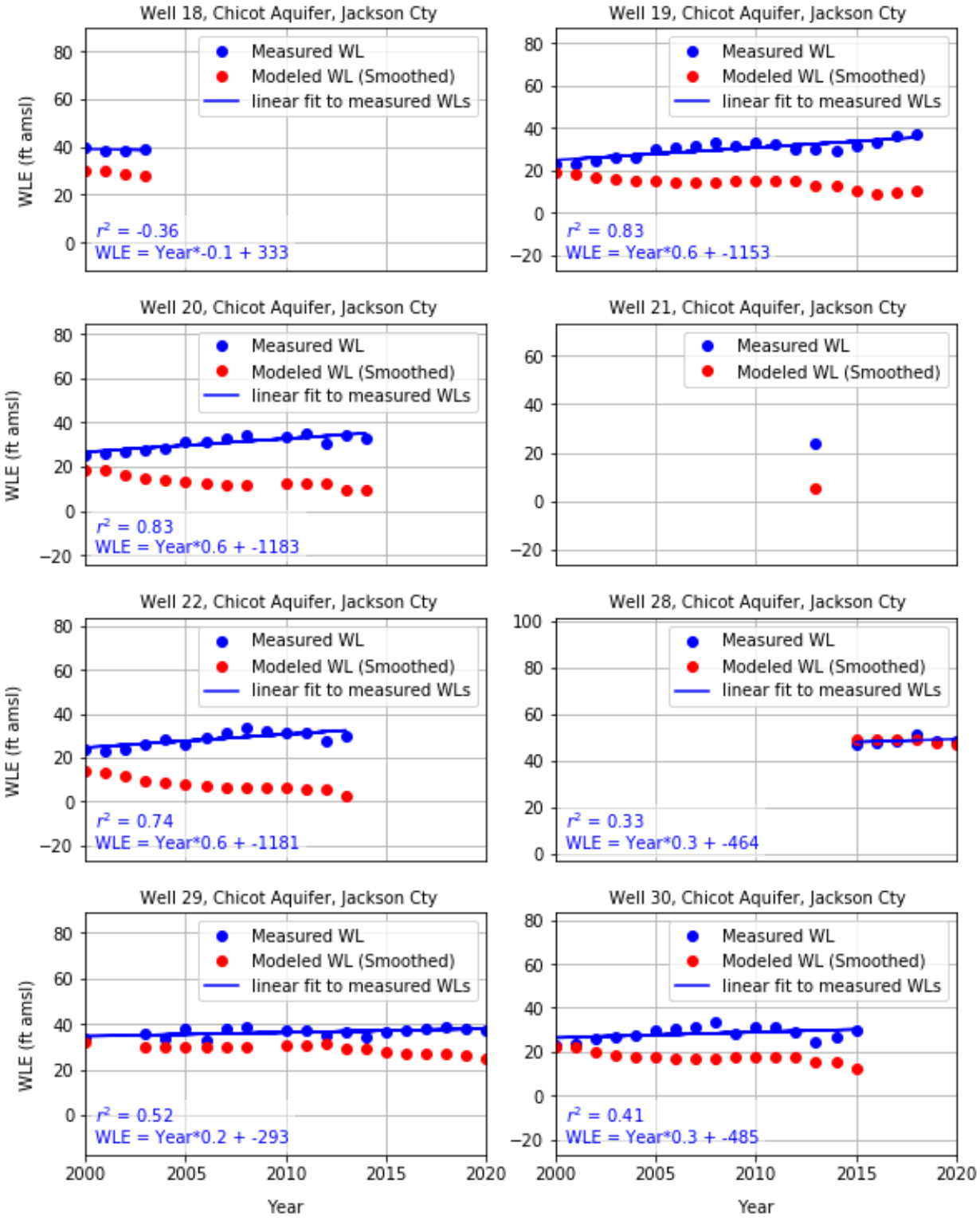
# APPENDIX F
# WELL HYDROGRAPHS FOR THE CHICOT AQUIFER IN CALHOUN, JACKSON, REFUGIO, AND VICTORIA COUNTIES

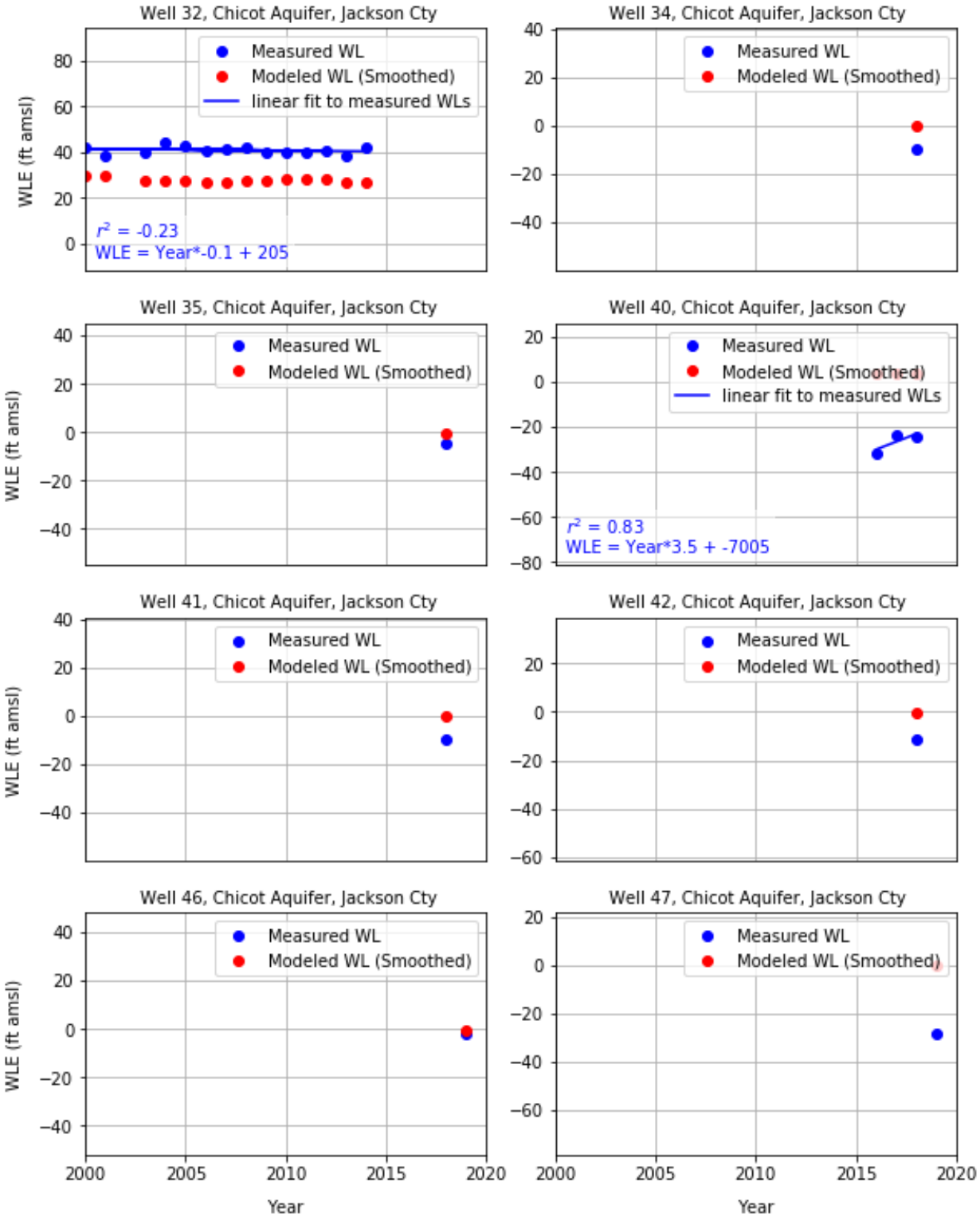

Well 37, Chicot Aquifer, Calhoun Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
$r^2$ = 0.95
WLE = Year*0.6 + -1163
Well 38, Chicot Aquifer, Calhoun Cty
$r^2$ = 1.0
WLE = Year*1.1 + -2175
Well 39, Chicot Aquifer, Calhoun Cty
$r^2$ = 0.96
WLE = Year*4.3 + -8618
Well 55, Chicot Aquifer, Calhoun Cty
$r^2$ = -0.2
WLE = Year*-0.0 + 88
Well 56, Chicot Aquifer, Calhoun Cty
$r^2$ = -0.12
WLE = Year*-0.0 + 88
Well 84, Chicot Aquifer, Calhoun Cty
$r^2$ = -0.53
WLE = Year*-0.3 + 528
Well 100, Chicot Aquifer, Calhoun Cty
$r^2$ = -0.27
WLE = Year*-0.8 + 1641
Well 119, Chicot Aquifer, Calhoun Cty
$r^2$ = 1.0
WLE = Year*3.1 + -6210
WLE (ft amsl)
Year

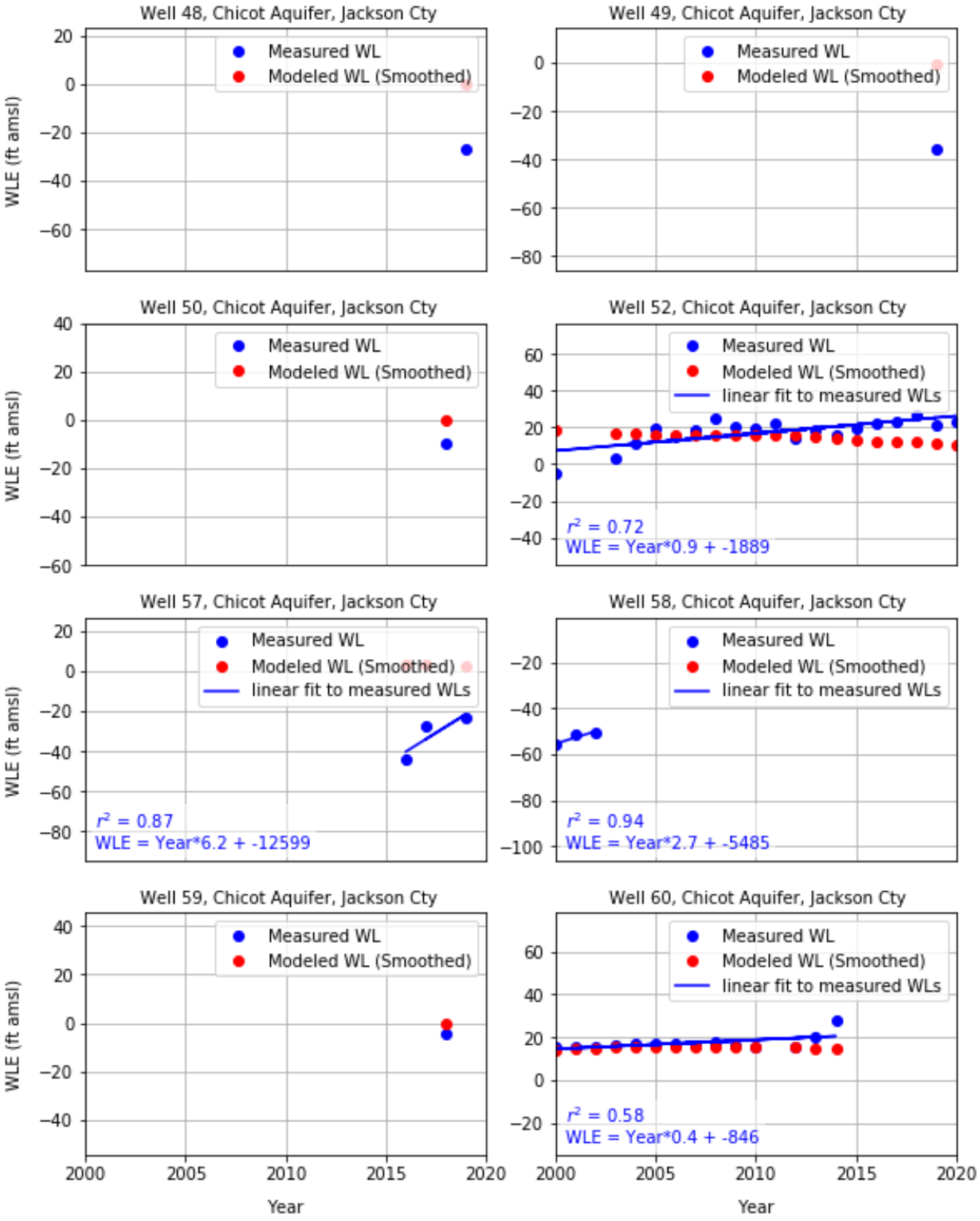

Well 149, Chicot Aquifer, Calhoun Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
$r^2$ = 0.91
WLE = Year*0.8 + -1690
Well 150, Chicot Aquifer, Calhoun Cty
$r^2$ = -0.08
WLE = Year*-0.0 + 58
Well 151, Chicot Aquifer, Calhoun Cty
$r^2$ = -0.84
WLE = Year*-0.5 + 1053
Well 162, Chicot Aquifer, Calhoun Cty
$r^2$ = 0.59
WLE = Year*1.1 + -2152
Well 221, Chicot Aquifer, Calhoun Cty
$r^2$ = 1.0
WLE = Year*1.0 + -1983
Well 949, Chicot Aquifer, Calhoun Cty
Well 963, Chicot Aquifer, Calhoun Cty
Well 972, Chicot Aquifer, Calhoun Cty
WLE (ft amsl)
Year

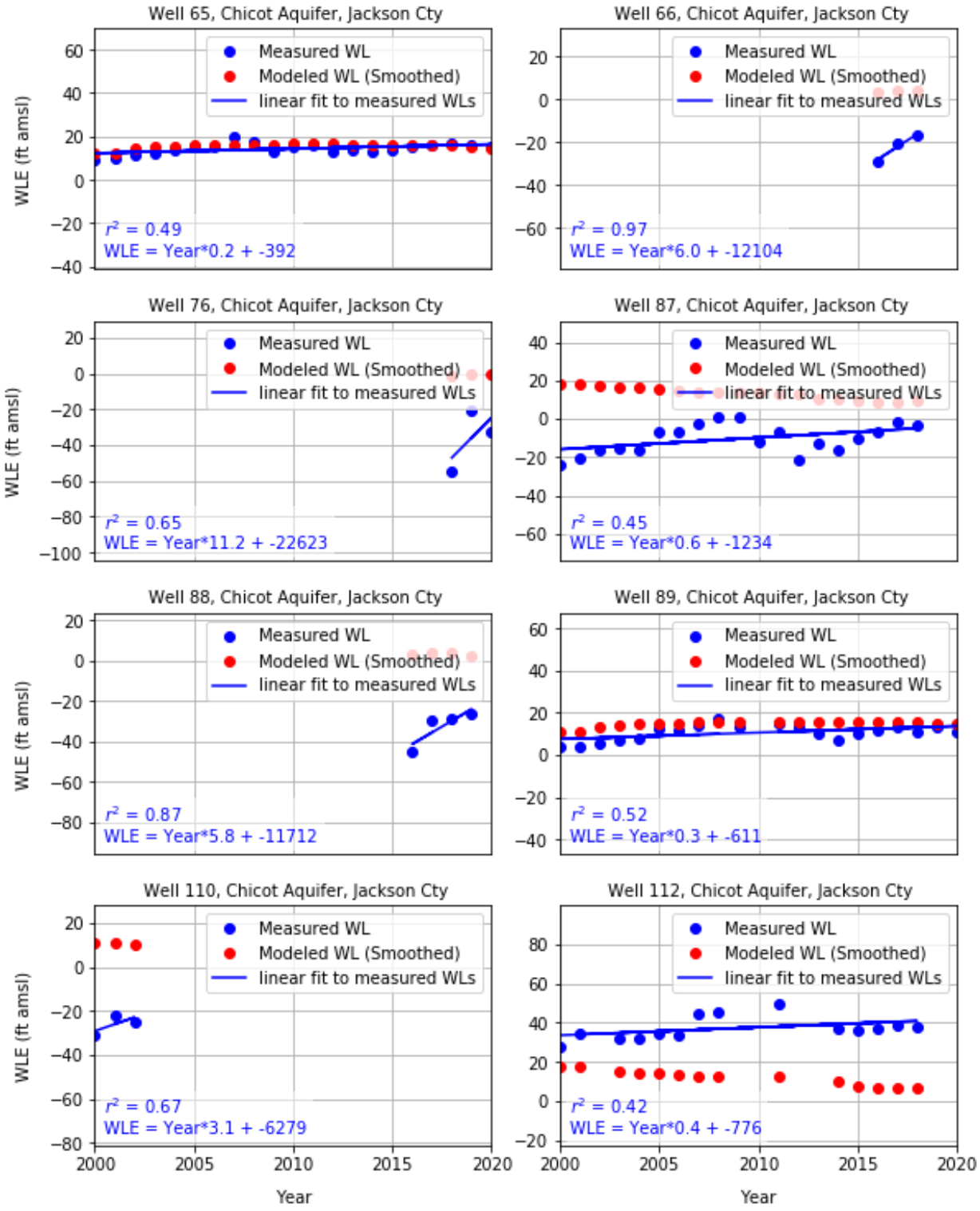

Well 973, Chicot Aquifer, Calhoun Cty
Measured WL
Modeled WL (Smoothed)
WLE (ft amsl)
40
20
0
−20
−40
Well 974, Chicot Aquifer, Calhoun Cty
Measured WL
Modeled WL (Smoothed)
20
0
−20
−40
−60
Well 975, Chicot Aquifer, Calhoun Cty
Measured WL
Modeled WL (Smoothed)
WLE (ft amsl)
40
20
0
−20
−40
−60

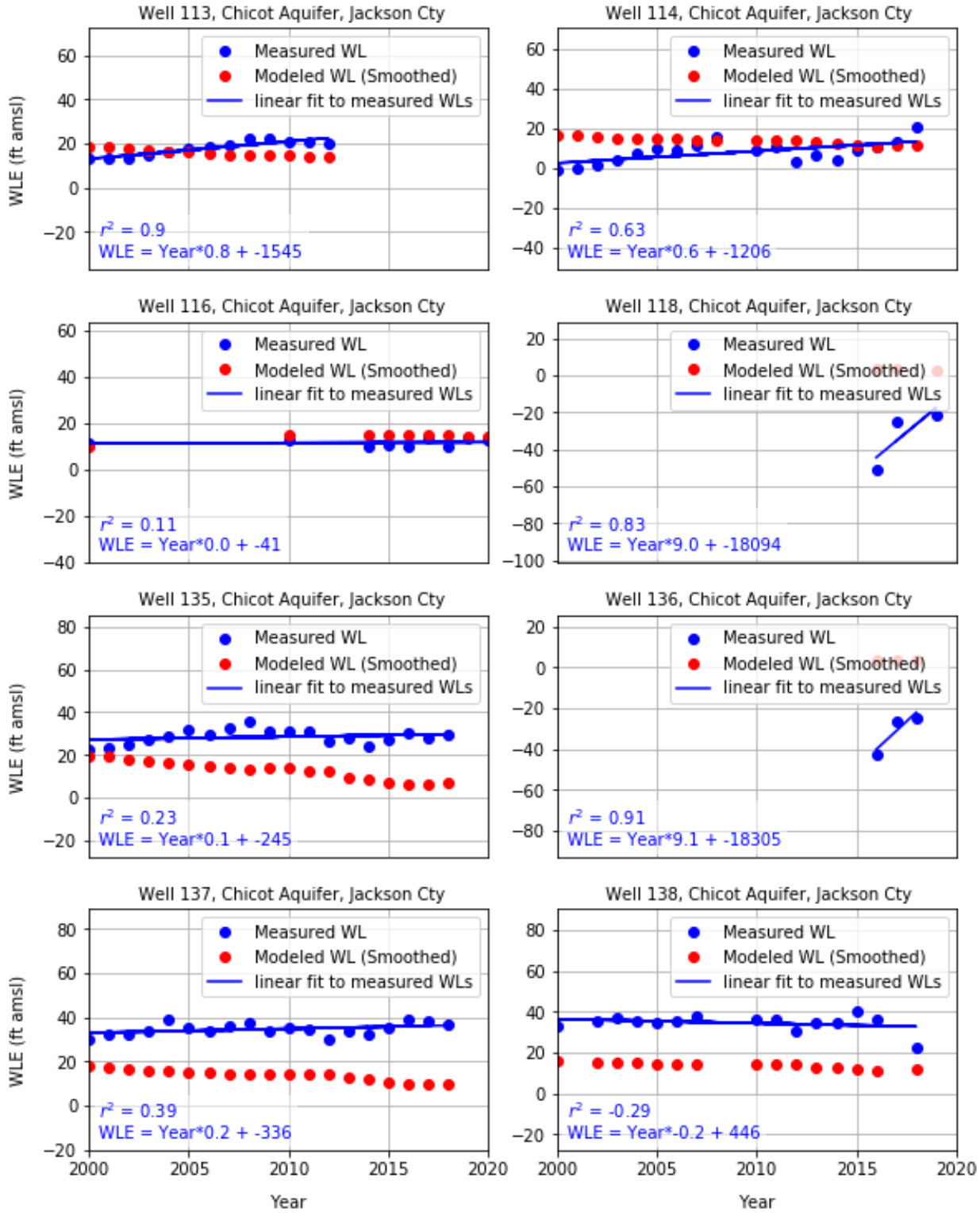

Well 1, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
$r^2$ = -0.28
WLE = Year*-0.2 + 503
Well 2, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
Well 5, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
$r^2$ = 0.13
WLE = Year*0.1 + -62
Well 6, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
Well 7, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
$r^2$ = -0.01
WLE = Year*-0.0 + 47
Well 14, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
$r^2$ = 0.16
WLE = Year*0.3 + -506
Well 16, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
$r^2$ = -1.0
WLE = Year*-1.2 + 2421
Well 17, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
$r^2$ = -0.19
WLE = Year*-0.1 + 146
WLE (ft amsl)
Year

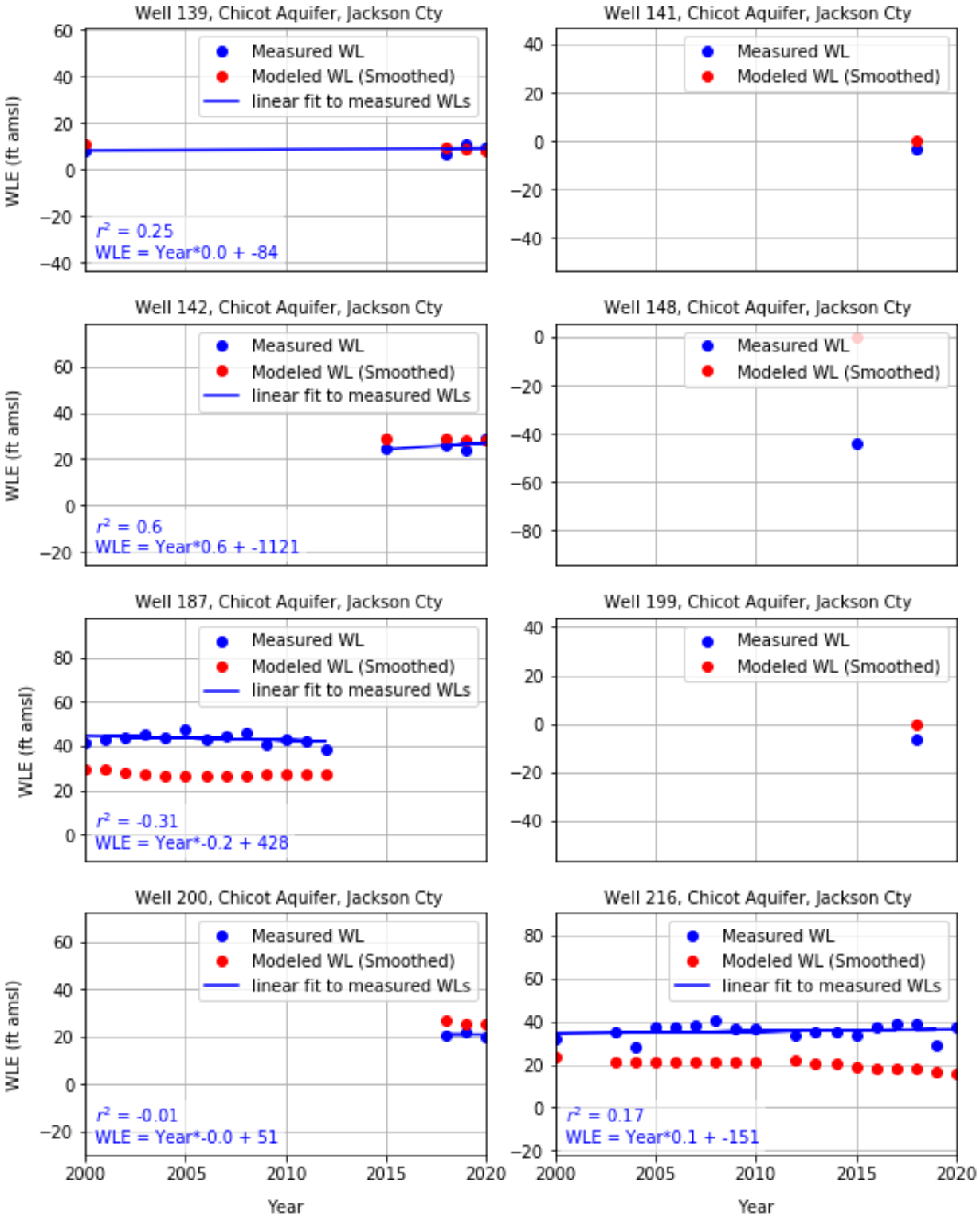

Well 18, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
$r^2$ = -0.36
WLE = Year*-0.1 + 333
Well 19, Chicot Aquifer, Jackson Cty
$r^2$ = 0.83
WLE = Year*0.6 + -1153
Well 20, Chicot Aquifer, Jackson Cty
$r^2$ = 0.83
WLE = Year*0.6 + -1183
Well 21, Chicot Aquifer, Jackson Cty
Well 22, Chicot Aquifer, Jackson Cty
$r^2$ = 0.74
WLE = Year*0.6 + -1181
Well 28, Chicot Aquifer, Jackson Cty
$r^2$ = 0.33
WLE = Year*0.3 + -464
Well 29, Chicot Aquifer, Jackson Cty
$r^2$ = 0.52
WLE = Year*0.2 + -293
Well 30, Chicot Aquifer, Jackson Cty
$r^2$ = 0.41
WLE = Year*0.3 + -485
WLE (ft amsl)
Year

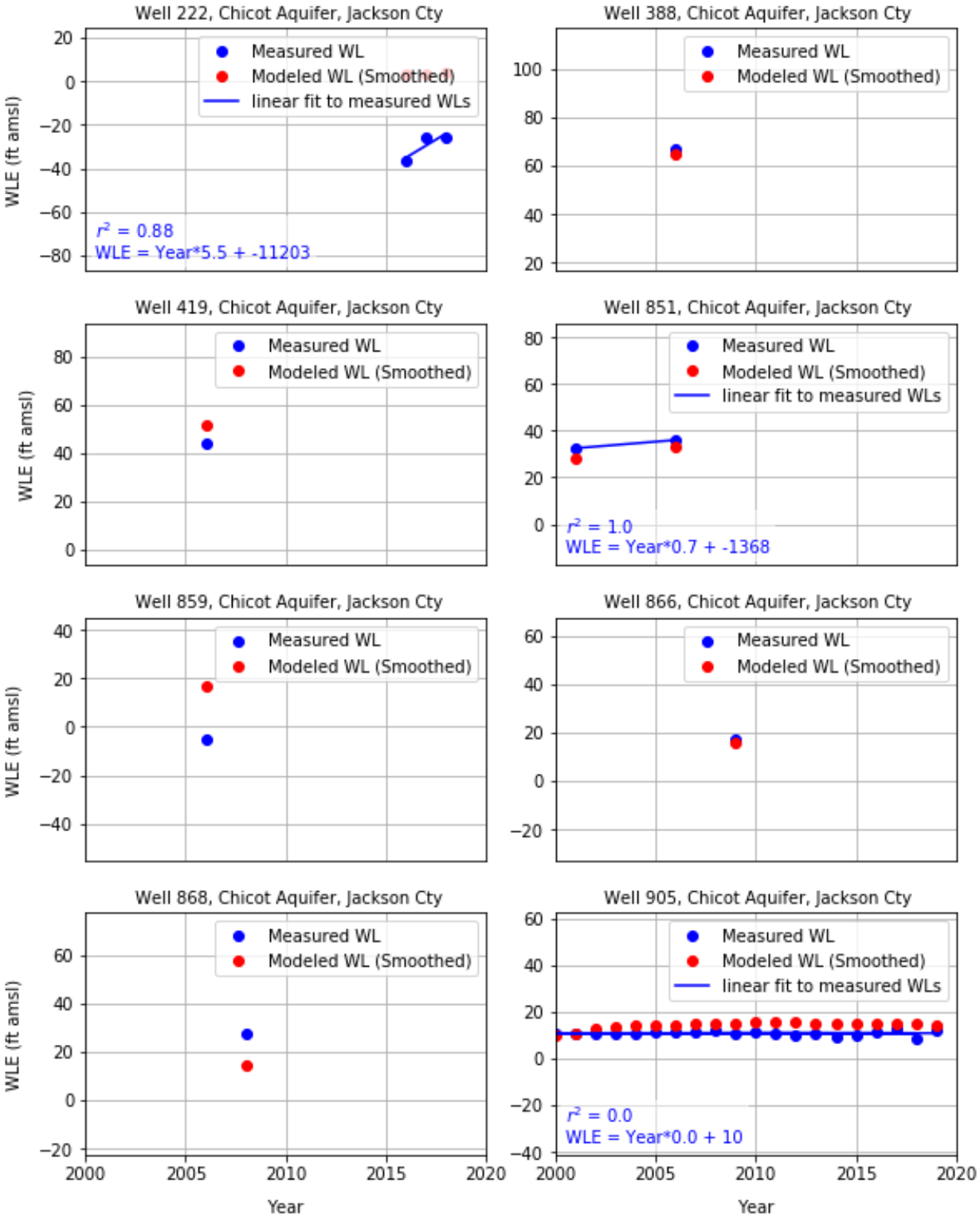

Well 32, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
$r^2$ = -0.23
WLE = Year*-0.1 + 205
Well 34, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
Well 35, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
Well 40, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
$r^2$ = 0.83
WLE = Year*3.5 + -7005
Well 41, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
Well 42, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
Well 46, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
Well 47, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
WLE (ft amsl)
Year
2000
2005
2010
2015
2020

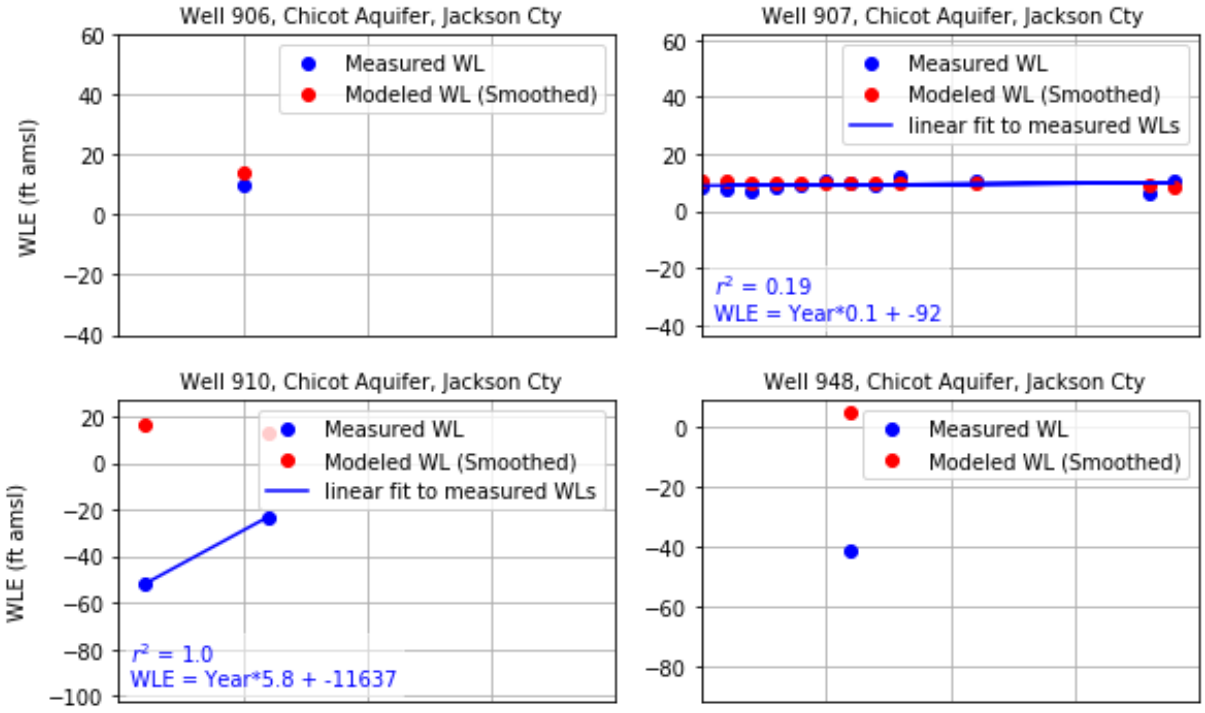

Well 48, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
Well 49, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
Well 50, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
Well 52, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
r² = 0.72
WLE = Year*0.9 + -1889
Well 57, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
r² = 0.87
WLE = Year*6.2 + -12599
Well 58, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
r² = 0.94
WLE = Year*2.7 + -5485
Well 59, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
Well 60, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
r² = 0.58
WLE = Year*0.4 + -846
WLE (ft amsl)
Year

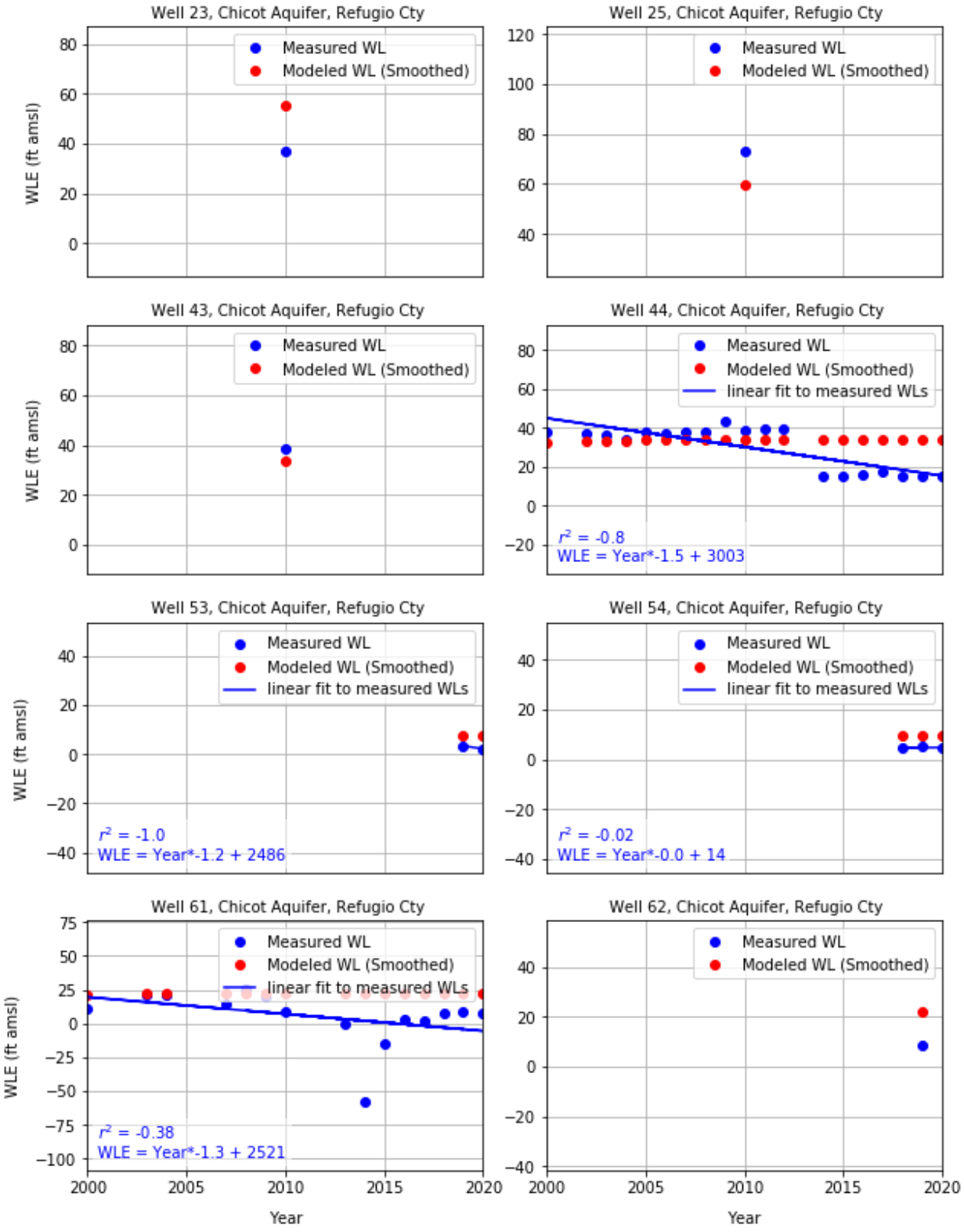

Well 65, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
$r^2$ = 0.49
WLE = Year*0.2 + -392
Well 66, Chicot Aquifer, Jackson Cty
$r^2$ = 0.97
WLE = Year*6.0 + -12104
Well 76, Chicot Aquifer, Jackson Cty
$r^2$ = 0.65
WLE = Year*11.2 + -22623
Well 87, Chicot Aquifer, Jackson Cty
$r^2$ = 0.45
WLE = Year*0.6 + -1234
Well 88, Chicot Aquifer, Jackson Cty
$r^2$ = 0.87
WLE = Year*5.8 + -11712
Well 89, Chicot Aquifer, Jackson Cty
$r^2$ = 0.52
WLE = Year*0.3 + -611
Well 110, Chicot Aquifer, Jackson Cty
$r^2$ = 0.67
WLE = Year*3.1 + -6279
Well 112, Chicot Aquifer, Jackson Cty
$r^2$ = 0.42
WLE = Year*0.4 + -776
WLE (ft amsl)
Year

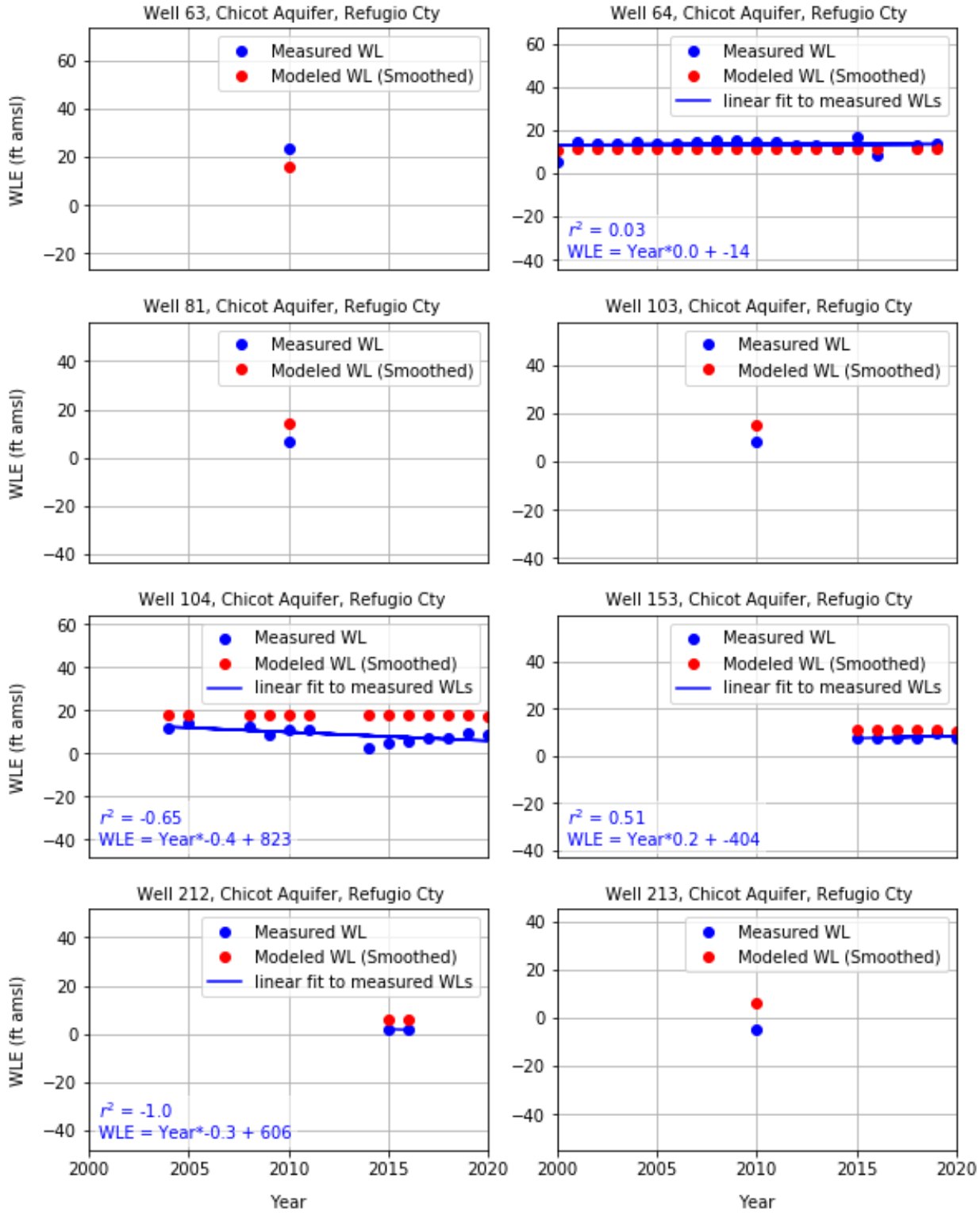

Well 113, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
$r^2$ = 0.9
WLE = Year*0.8 + -1545
Well 114, Chicot Aquifer, Jackson Cty
$r^2$ = 0.63
WLE = Year*0.6 + -1206
Well 116, Chicot Aquifer, Jackson Cty
$r^2$ = 0.11
WLE = Year*0.0 + -41
Well 118, Chicot Aquifer, Jackson Cty
$r^2$ = 0.83
WLE = Year*9.0 + -18094
Well 135, Chicot Aquifer, Jackson Cty
$r^2$ = 0.23
WLE = Year*0.1 + -245
Well 136, Chicot Aquifer, Jackson Cty
$r^2$ = 0.91
WLE = Year*9.1 + -18305
Well 137, Chicot Aquifer, Jackson Cty
$r^2$ = 0.39
WLE = Year*0.2 + -336
Well 138, Chicot Aquifer, Jackson Cty
$r^2$ = -0.29
WLE = Year*-0.2 + 446
WLE (ft amsl)
Year

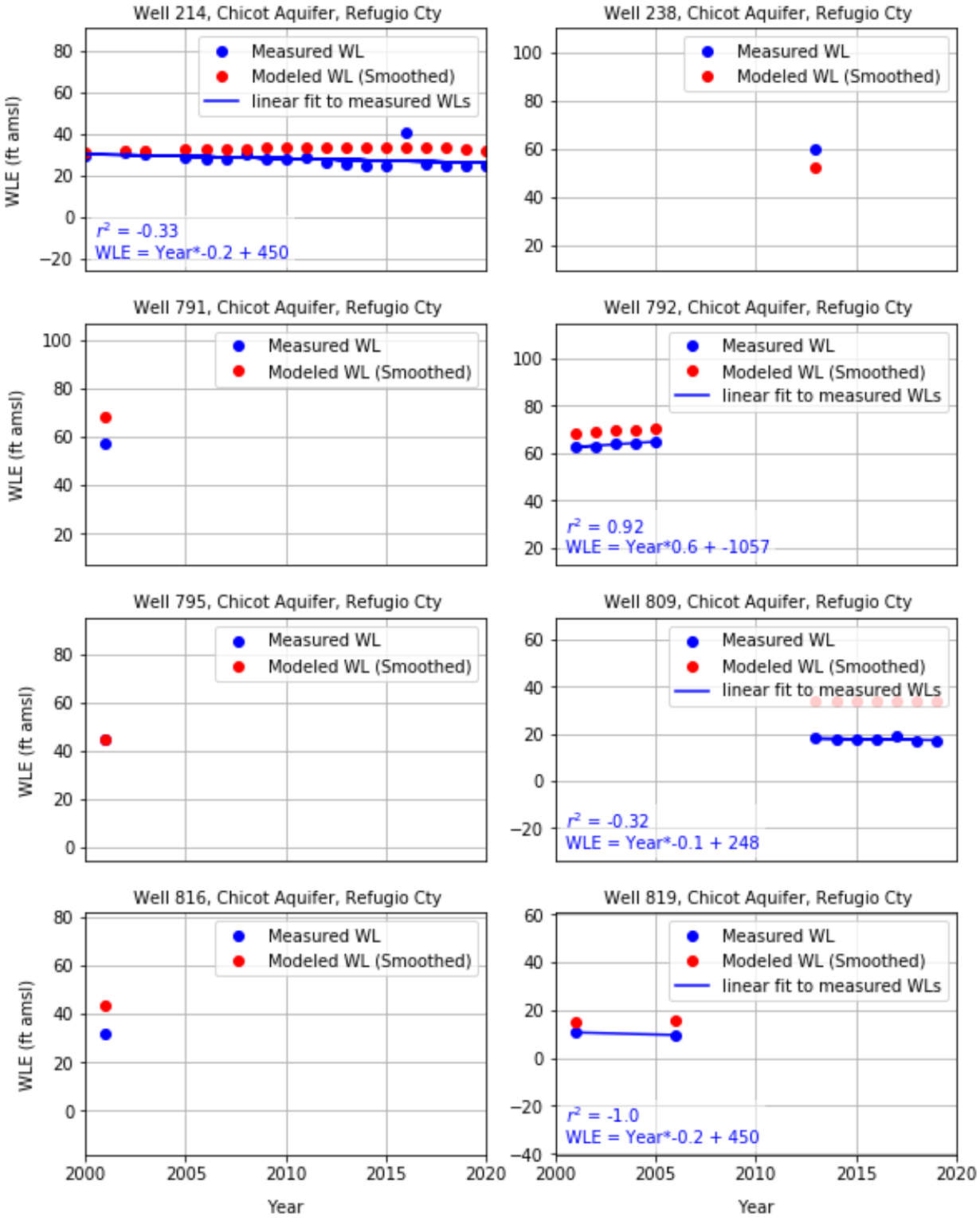

Well 139, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
$r^2$ = 0.25
WLE = Year*0.0 + -84
Well 141, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
Well 142, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
$r^2$ = 0.6
WLE = Year*0.6 + -1121
Well 148, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
Well 187, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
$r^2$ = -0.31
WLE = Year*-0.2 + 428
Well 199, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
Well 200, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
$r^2$ = -0.01
WLE = Year*-0.0 + 51
Well 216, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
$r^2$ = 0.17
WLE = Year*0.1 + -151
WLE (ft amsl)
Year

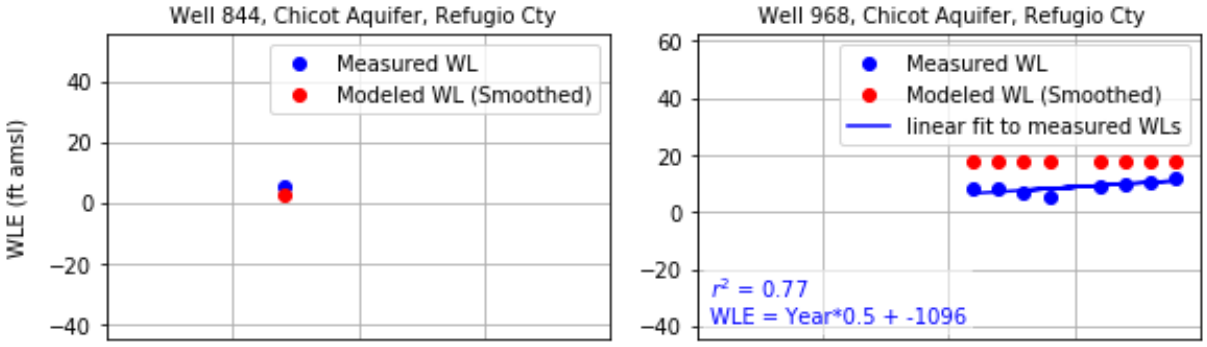

Well 222, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
$r^2$ = 0.88
WLE = Year*5.5 + -11203
Well 388, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
Well 419, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
Well 851, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
$r^2$ = 1.0
WLE = Year*0.7 + -1368
Well 859, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
Well 866, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
Well 868, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
Well 905, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
$r^2$ = 0.0
WLE = Year*0.0 + 10
WLE (ft amsl)
Year

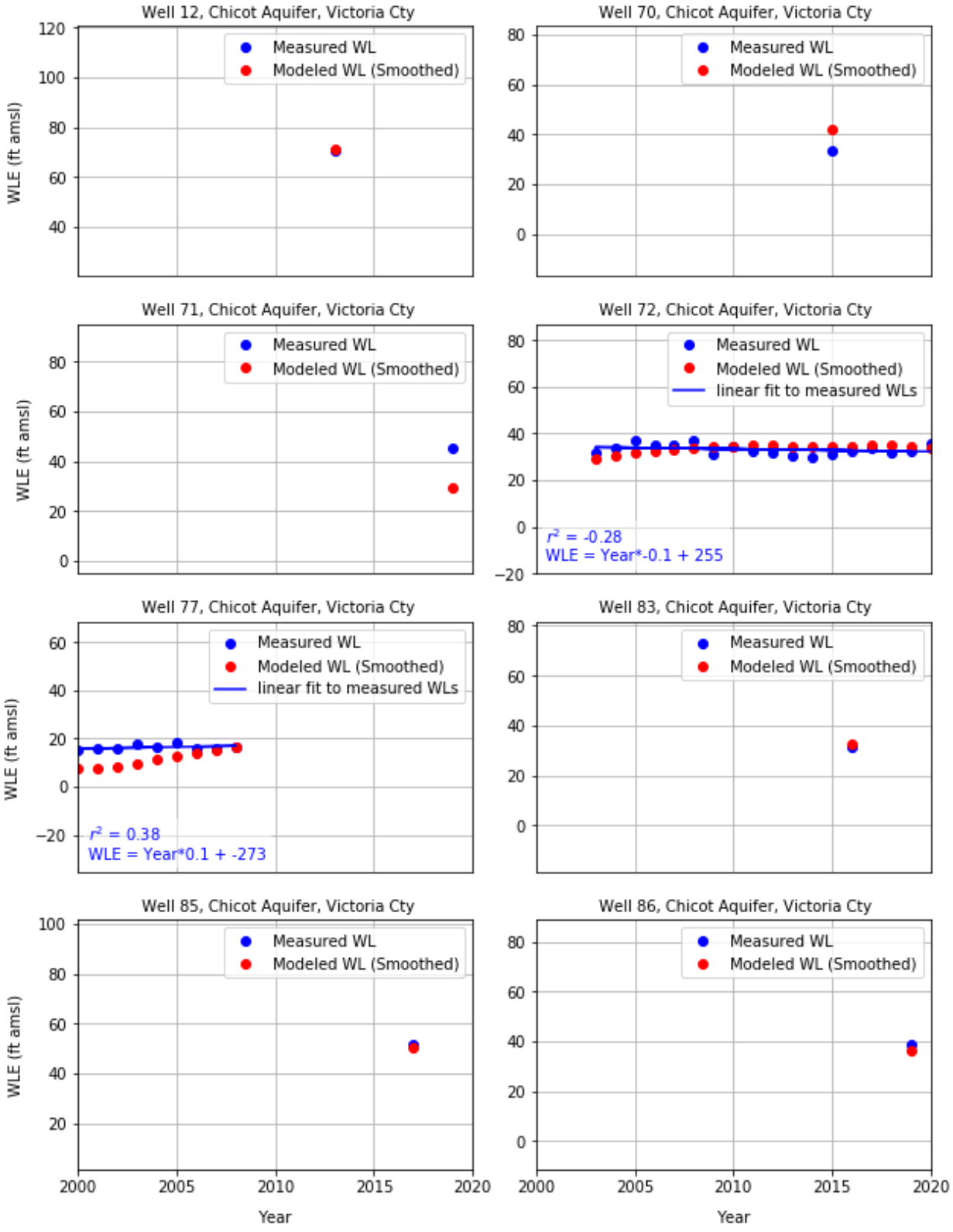

Well 906, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
WLE (ft amsl)
Well 907, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
r² = 0.19
WLE = Year*0.1 + -92
Well 910, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
WLE (ft amsl)
r² = 1.0
WLE = Year*5.8 + -11637
Well 948, Chicot Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)

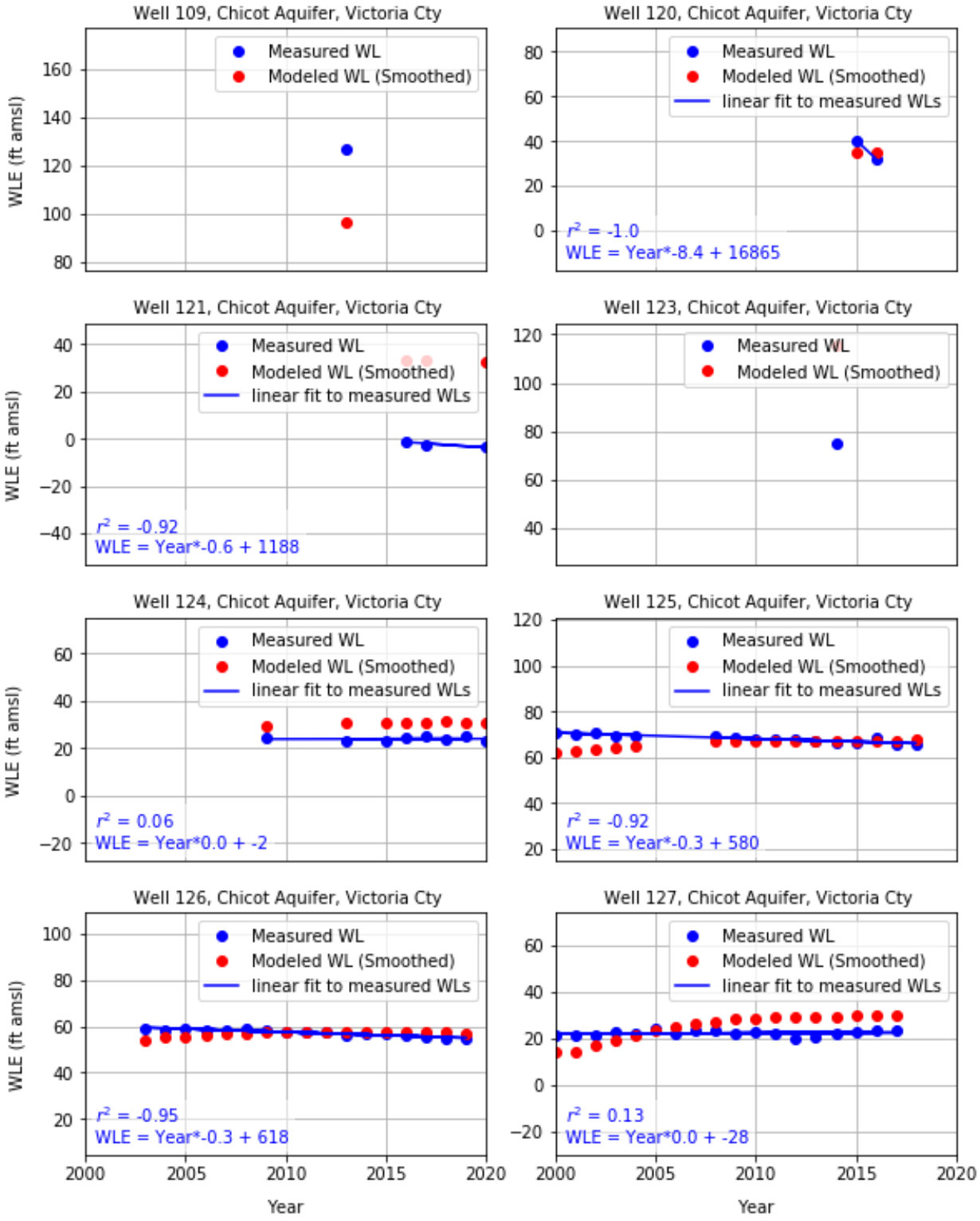

Well 23, Chicot Aquifer, Refugio Cty
Well 25, Chicot Aquifer, Refugio Cty
Well 43, Chicot Aquifer, Refugio Cty
Well 44, Chicot Aquifer, Refugio Cty
Well 53, Chicot Aquifer, Refugio Cty
Well 54, Chicot Aquifer, Refugio Cty
Well 61, Chicot Aquifer, Refugio Cty
Well 62, Chicot Aquifer, Refugio Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
WLE (ft amsl)
Year
r² = -0.8
WLE = Year*-1.5 + 3003
r² = -1.0
WLE = Year*-1.2 + 2486
r² = -0.02
WLE = Year*-0.0 + 14
r² = -0.38
WLE = Year*-1.3 + 2521

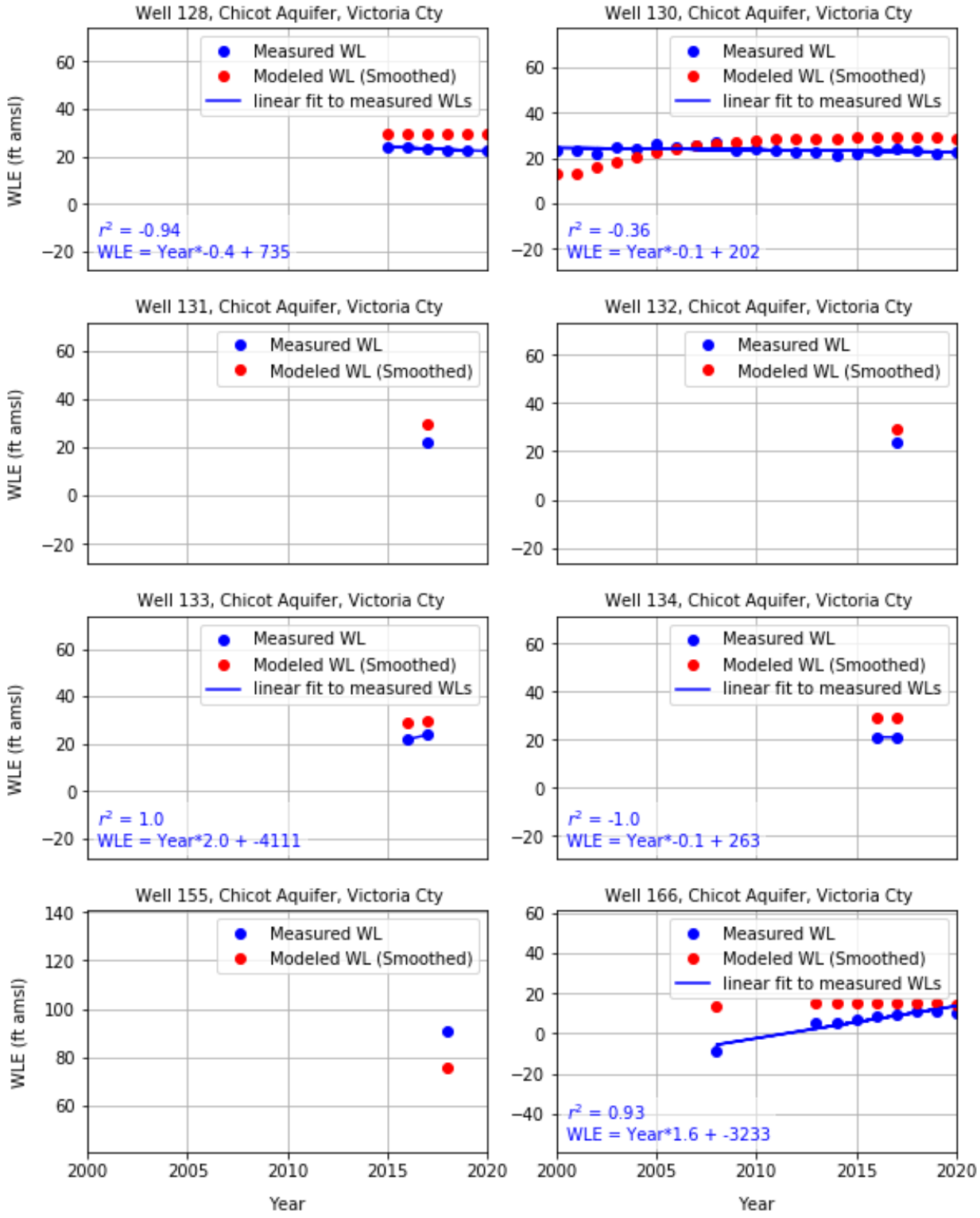

Well 63, Chicot Aquifer, Refugio Cty
Measured WL
Modeled WL (Smoothed)
Well 64, Chicot Aquifer, Refugio Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
r² = 0.03
WLE = Year*0.0 + -14
Well 81, Chicot Aquifer, Refugio Cty
Measured WL
Modeled WL (Smoothed)
Well 103, Chicot Aquifer, Refugio Cty
Measured WL
Modeled WL (Smoothed)
Well 104, Chicot Aquifer, Refugio Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
r² = -0.65
WLE = Year*-0.4 + 823
Well 153, Chicot Aquifer, Refugio Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
r² = 0.51
WLE = Year*0.2 + -404
Well 212, Chicot Aquifer, Refugio Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
r² = -1.0
WLE = Year*-0.3 + 606
Well 213, Chicot Aquifer, Refugio Cty
Measured WL
Modeled WL (Smoothed)
WLE (ft amsl)
Year

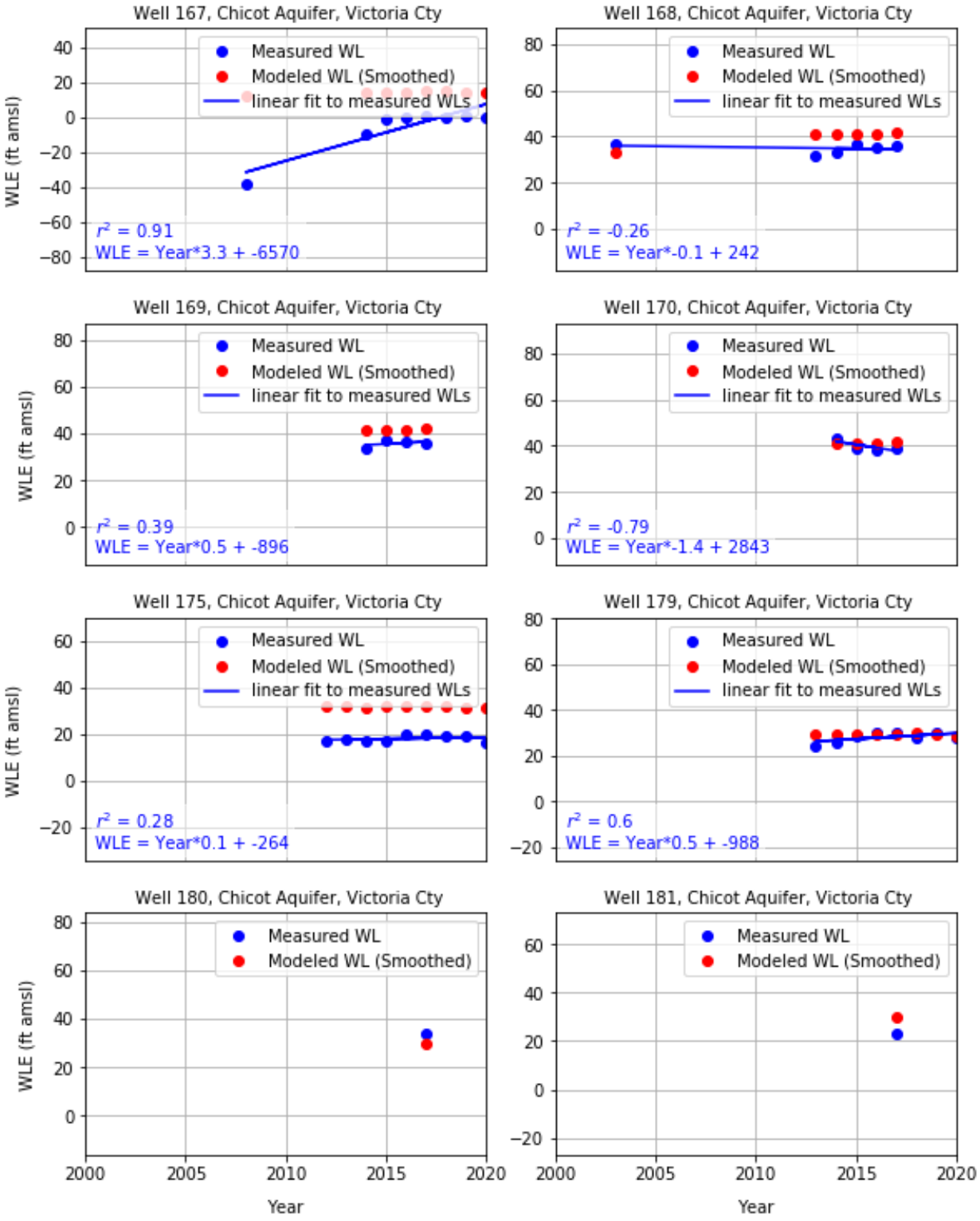

Well 214, Chicot Aquifer, Refugio Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
$r^2$ = -0.33
WLE = Year*-0.2 + 450
Well 238, Chicot Aquifer, Refugio Cty
Measured WL
Modeled WL (Smoothed)
Well 791, Chicot Aquifer, Refugio Cty
Measured WL
Modeled WL (Smoothed)
Well 792, Chicot Aquifer, Refugio Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
$r^2$ = 0.92
WLE = Year*0.6 + -1057
Well 795, Chicot Aquifer, Refugio Cty
Measured WL
Modeled WL (Smoothed)
Well 809, Chicot Aquifer, Refugio Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
$r^2$ = -0.32
WLE = Year*-0.1 + 248
Well 816, Chicot Aquifer, Refugio Cty
Measured WL
Modeled WL (Smoothed)
Well 819, Chicot Aquifer, Refugio Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
$r^2$ = -1.0
WLE = Year*-0.2 + 450
WLE (ft amsl)
Year

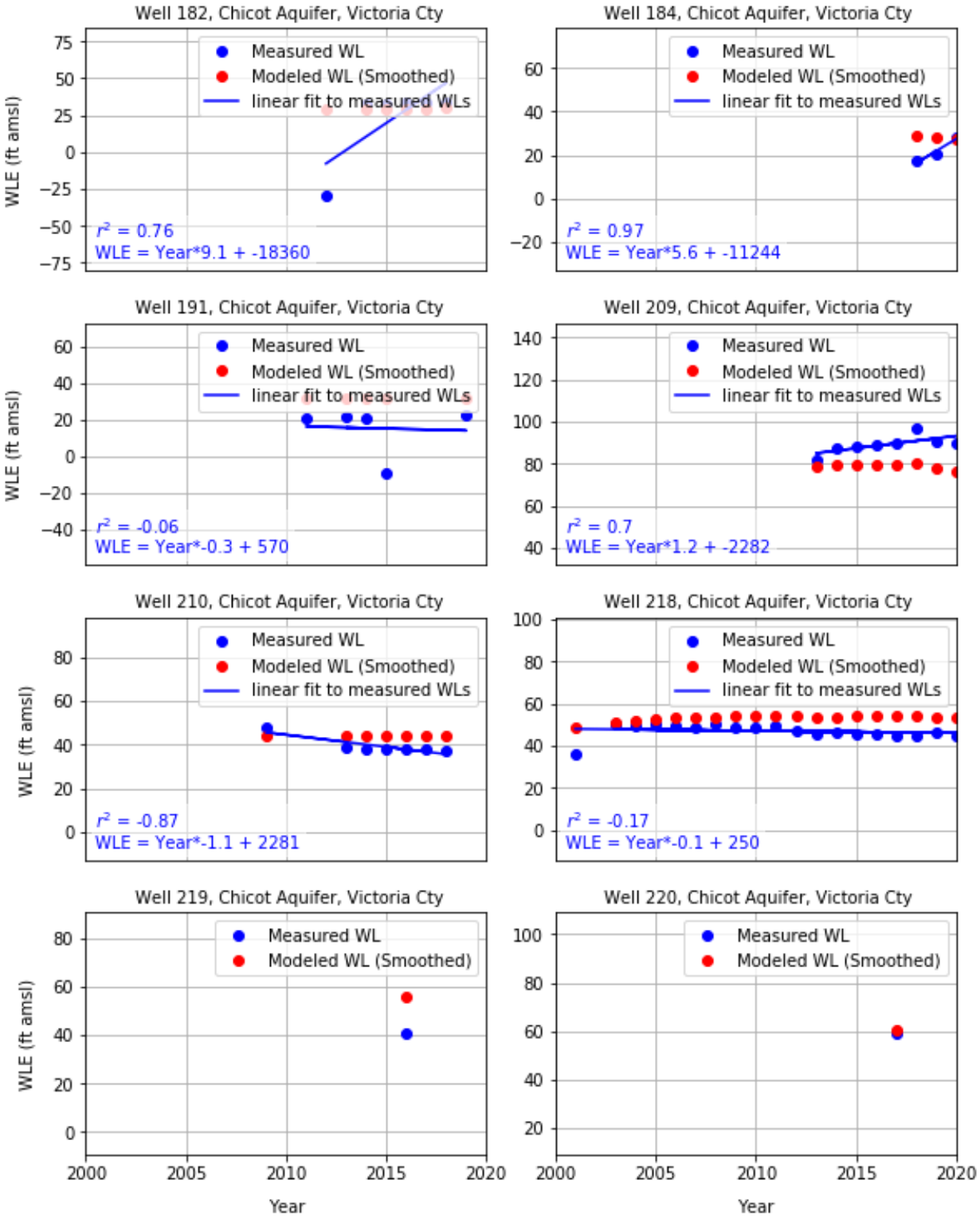

Well 844, Chicot Aquifer, Refugio Cty
Measured WL
Modeled WL (Smoothed)
WLE (ft amsl)
40
20
0
−20
−40
Well 968, Chicot Aquifer, Refugio Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
60
40
20
0
−20
−40
$r^2$ = 0.77
WLE = Year*0.5 + -1096

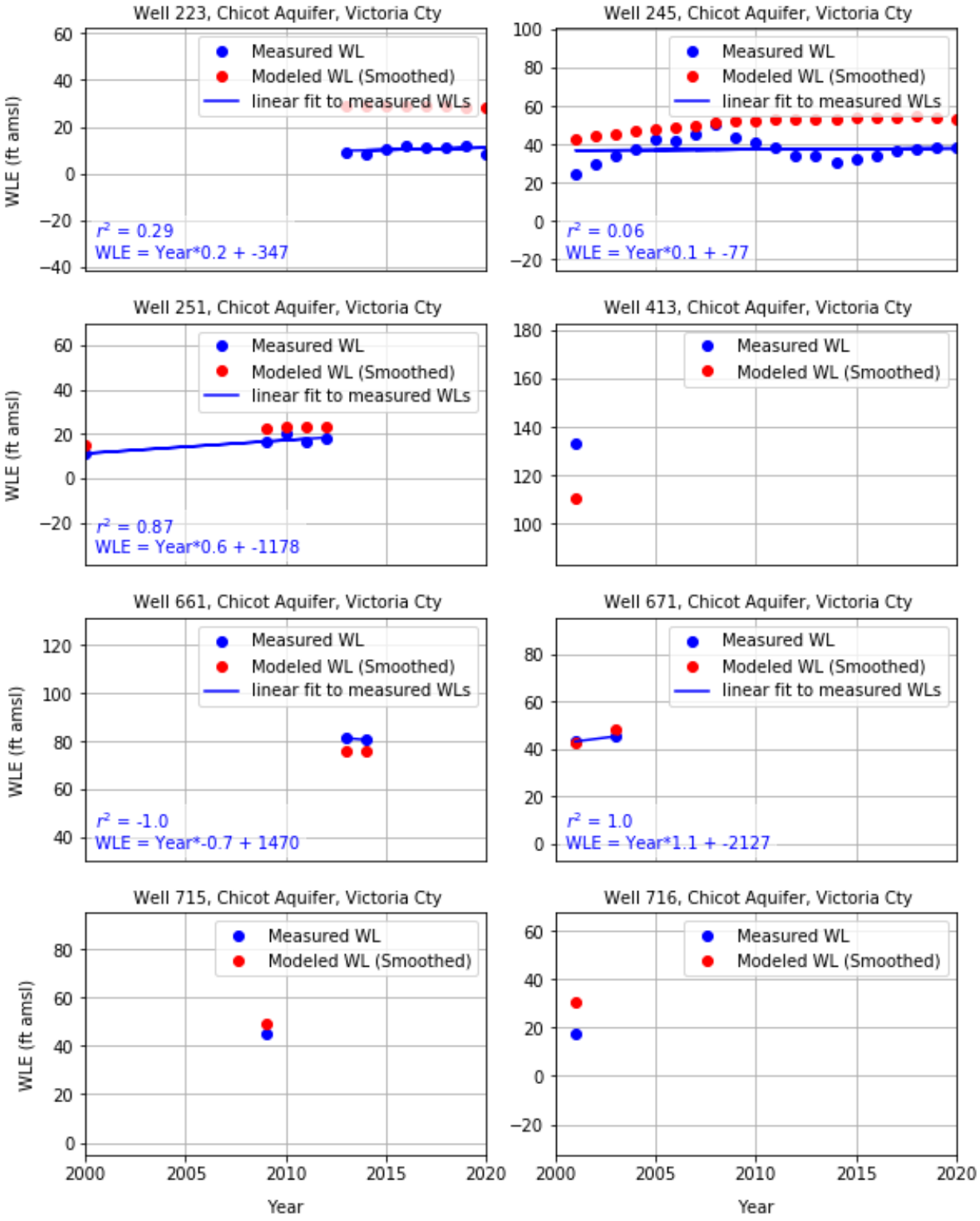

Well 12, Chicot Aquifer, Victoria Cty
Well 70, Chicot Aquifer, Victoria Cty
Well 71, Chicot Aquifer, Victoria Cty
Well 72, Chicot Aquifer, Victoria Cty
Well 77, Chicot Aquifer, Victoria Cty
Well 83, Chicot Aquifer, Victoria Cty
Well 85, Chicot Aquifer, Victoria Cty
Well 86, Chicot Aquifer, Victoria Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
WLE (ft amsl)
Year
r² = -0.28
WLE = Year*-0.1 + 255
r² = 0.38
WLE = Year*0.1 + -273

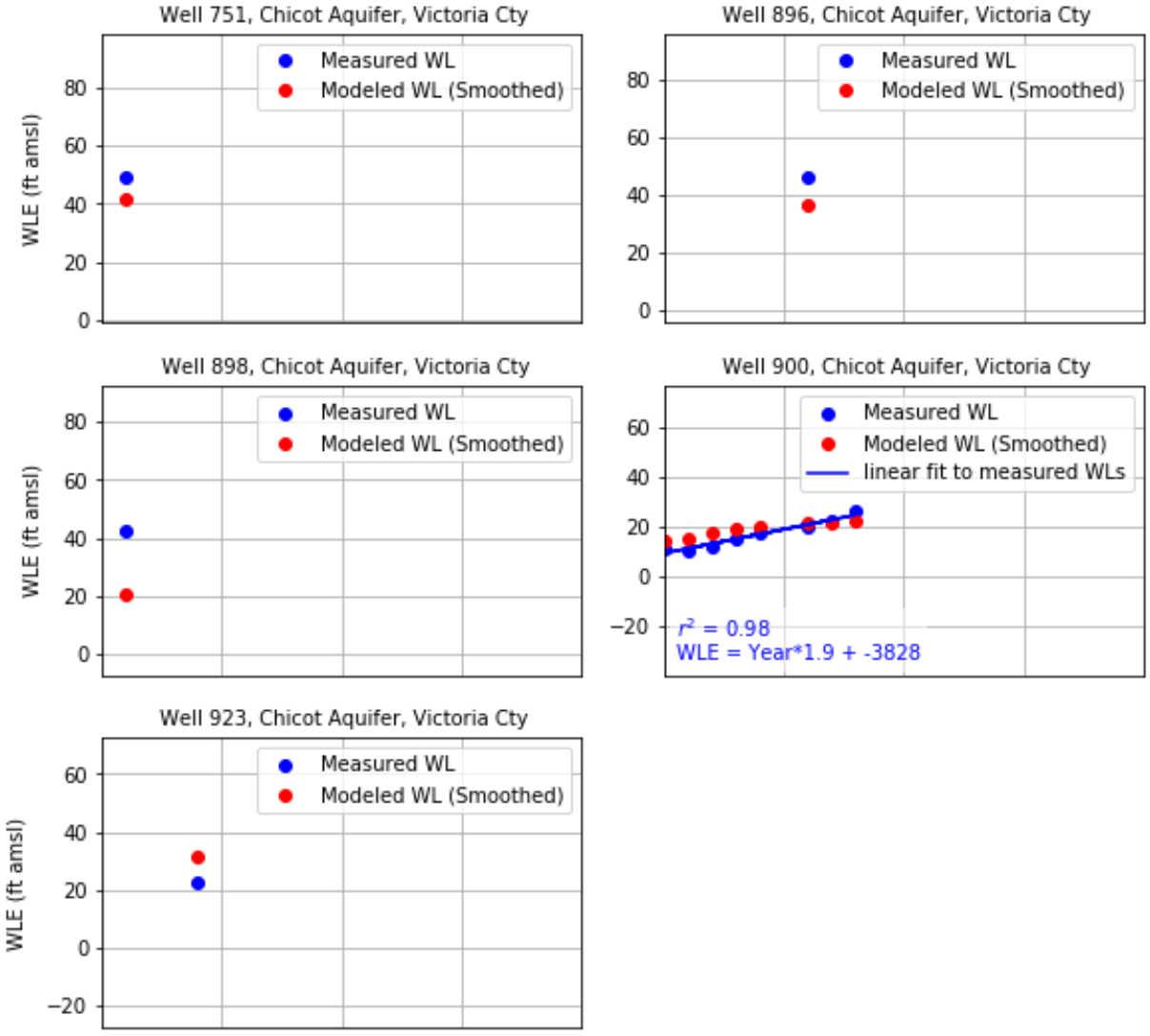

Well 109, Chicot Aquifer, Victoria Cty
Measured WL
Modeled WL (Smoothed)
WLE (ft amsl)
Well 120, Chicot Aquifer, Victoria Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
r² = -1.0
WLE = Year*-8.4 + 16865
Well 121, Chicot Aquifer, Victoria Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
r² = -0.92
WLE = Year*-0.6 + 1188
Well 123, Chicot Aquifer, Victoria Cty
Measured WL
Modeled WL (Smoothed)
Well 124, Chicot Aquifer, Victoria Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
r² = 0.06
WLE = Year*0.0 + -2
Well 125, Chicot Aquifer, Victoria Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
r² = -0.92
WLE = Year*-0.3 + 580
Well 126, Chicot Aquifer, Victoria Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
r² = -0.95
WLE = Year*-0.3 + 618
Well 127, Chicot Aquifer, Victoria Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
r² = 0.13
WLE = Year*0.0 + -28
Year
Year


Well 128, Chicot Aquifer, Victoria Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
$r^2$ = -0.94
WLE = Year*-0.4 + 735
Well 130, Chicot Aquifer, Victoria Cty
$r^2$ = -0.36
WLE = Year*-0.1 + 202
Well 131, Chicot Aquifer, Victoria Cty
Well 132, Chicot Aquifer, Victoria Cty
Well 133, Chicot Aquifer, Victoria Cty
$r^2$ = 1.0
WLE = Year*2.0 + -4111
Well 134, Chicot Aquifer, Victoria Cty
$r^2$ = -1.0
WLE = Year*-0.1 + 263
Well 155, Chicot Aquifer, Victoria Cty
Well 166, Chicot Aquifer, Victoria Cty
$r^2$ = 0.93
WLE = Year*1.6 + -3233
WLE (ft amsl)
Year

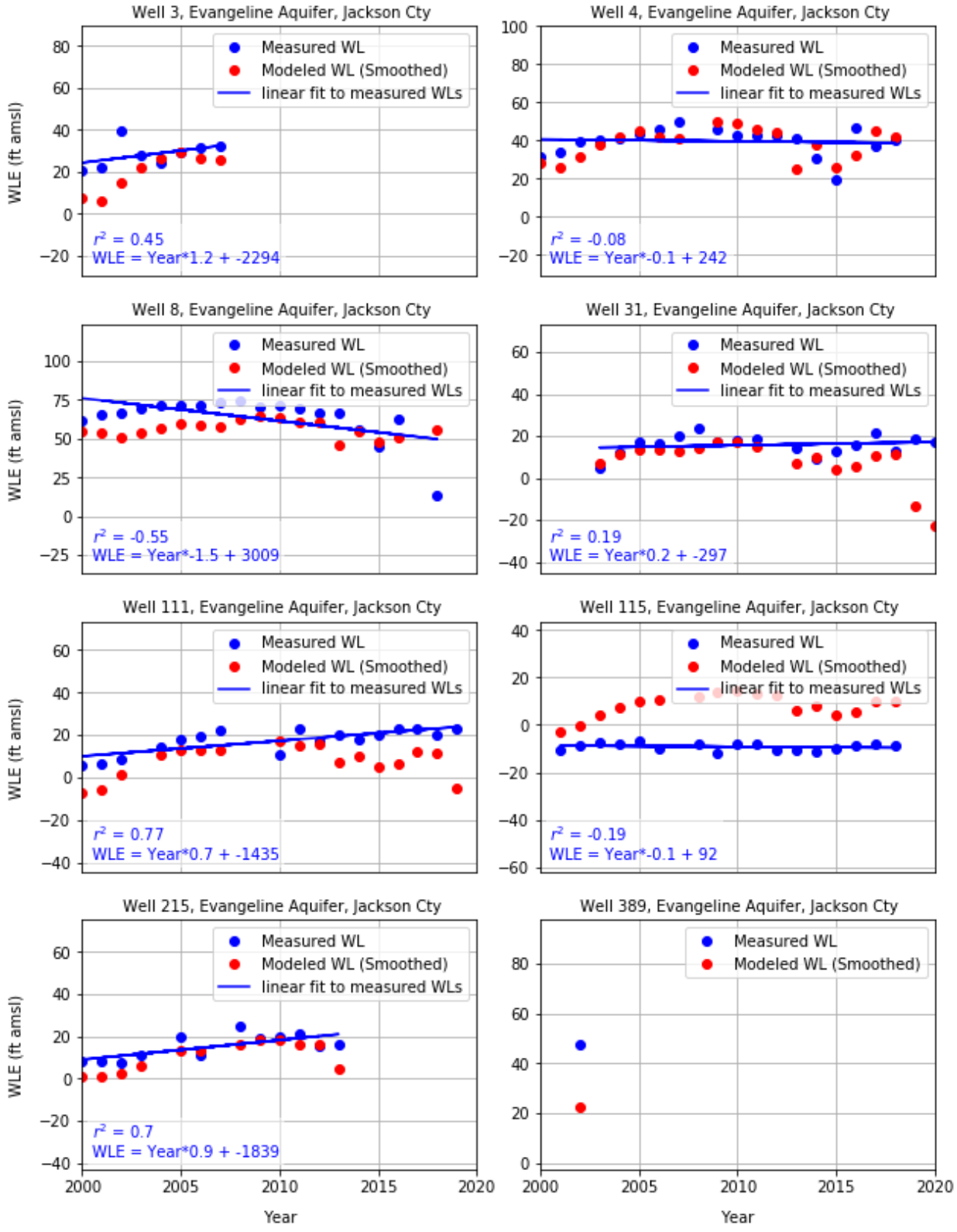

Well 167, Chicot Aquifer, Victoria Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
$r^2$ = 0.91
WLE = Year*3.3 + -6570
Well 168, Chicot Aquifer, Victoria Cty
$r^2$ = -0.26
WLE = Year*-0.1 + 242
Well 169, Chicot Aquifer, Victoria Cty
$r^2$ = 0.39
WLE = Year*0.5 + -896
Well 170, Chicot Aquifer, Victoria Cty
$r^2$ = -0.79
WLE = Year*-1.4 + 2843
Well 175, Chicot Aquifer, Victoria Cty
$r^2$ = 0.28
WLE = Year*0.1 + -264
Well 179, Chicot Aquifer, Victoria Cty
$r^2$ = 0.6
WLE = Year*0.5 + -988
Well 180, Chicot Aquifer, Victoria Cty
Well 181, Chicot Aquifer, Victoria Cty
WLE (ft amsl)
Year

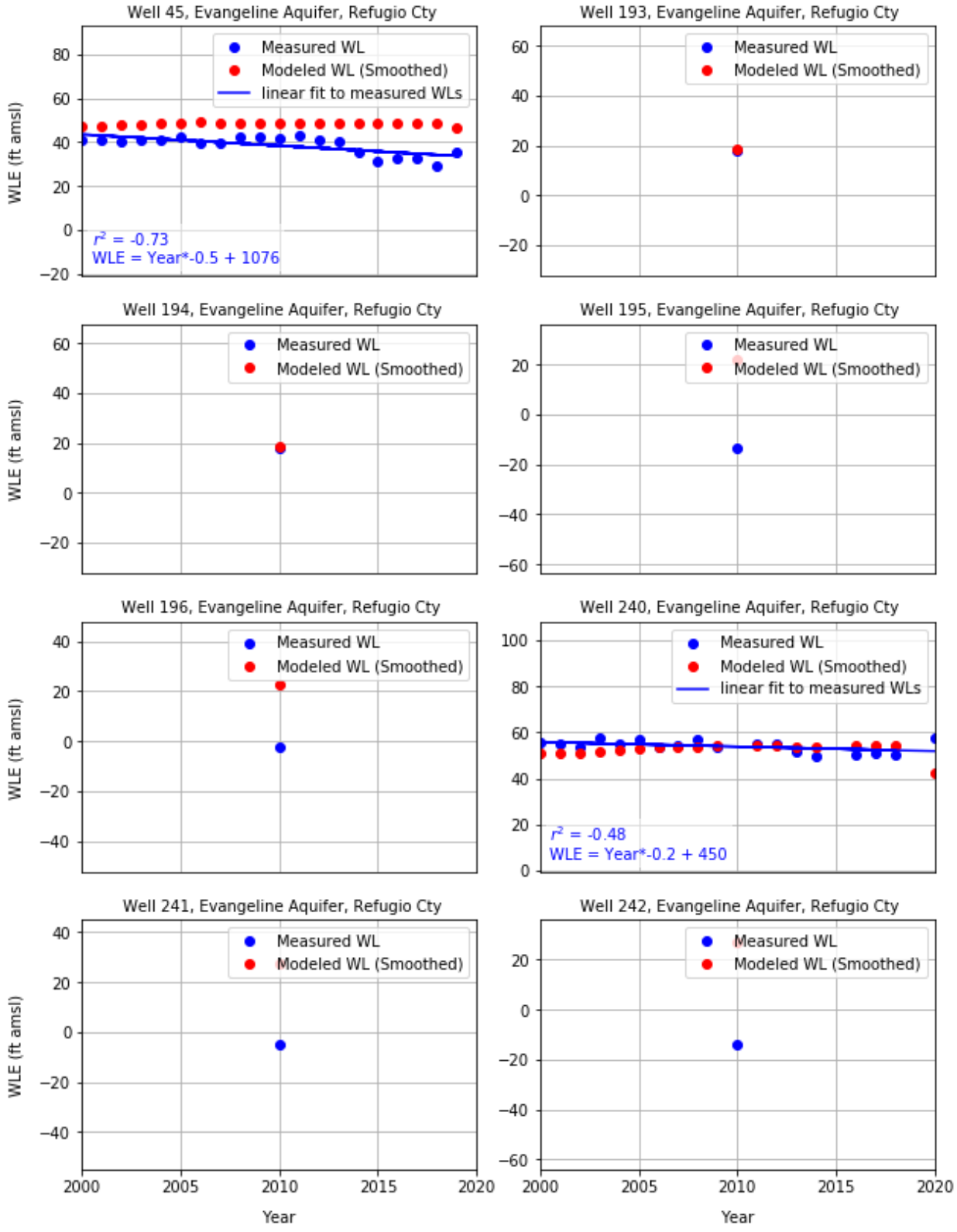

Well 182, Chicot Aquifer, Victoria Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
$r^2$ = 0.76
WLE = Year*9.1 + -18360
Well 184, Chicot Aquifer, Victoria Cty
$r^2$ = 0.97
WLE = Year*5.6 + -11244
Well 191, Chicot Aquifer, Victoria Cty
$r^2$ = -0.06
WLE = Year*-0.3 + 570
Well 209, Chicot Aquifer, Victoria Cty
$r^2$ = 0.7
WLE = Year*1.2 + -2282
Well 210, Chicot Aquifer, Victoria Cty
$r^2$ = -0.87
WLE = Year*-1.1 + 2281
Well 218, Chicot Aquifer, Victoria Cty
$r^2$ = -0.17
WLE = Year*-0.1 + 250
Well 219, Chicot Aquifer, Victoria Cty
Well 220, Chicot Aquifer, Victoria Cty
WLE (ft amsl)
Year

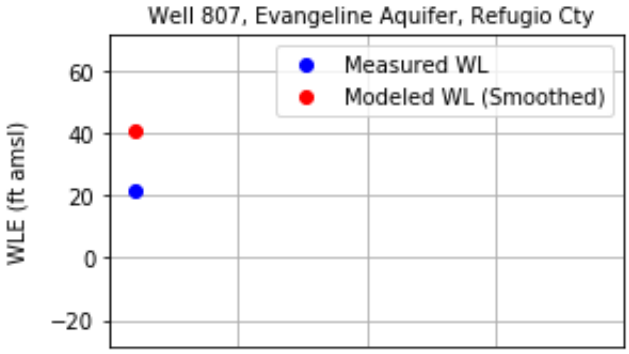

Well 223, Chicot Aquifer, Victoria Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
$r^2$ = 0.29
WLE = Year*0.2 + -347
Well 245, Chicot Aquifer, Victoria Cty
$r^2$ = 0.06
WLE = Year*0.1 + -77
Well 251, Chicot Aquifer, Victoria Cty
$r^2$ = 0.87
WLE = Year*0.6 + -1178
Well 413, Chicot Aquifer, Victoria Cty
Well 661, Chicot Aquifer, Victoria Cty
$r^2$ = -1.0
WLE = Year*-0.7 + 1470
Well 671, Chicot Aquifer, Victoria Cty
$r^2$ = 1.0
WLE = Year*1.1 + -2127
Well 715, Chicot Aquifer, Victoria Cty
Well 716, Chicot Aquifer, Victoria Cty
WLE (ft amsl)
Year

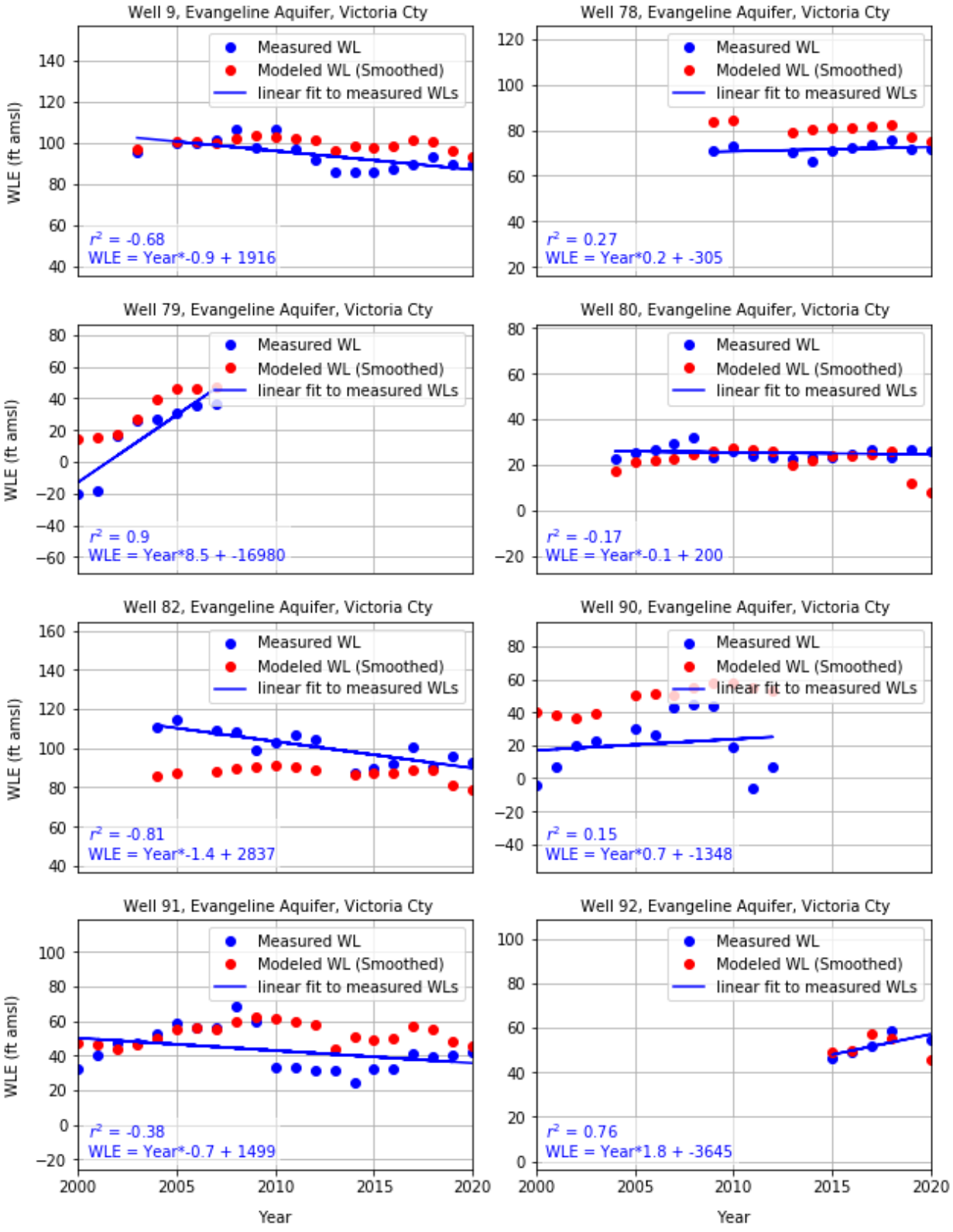

Well 751, Chicot Aquifer, Victoria Cty
Measured WL
Modeled WL (Smoothed)
WLE (ft amsl)
Well 896, Chicot Aquifer, Victoria Cty
Measured WL
Modeled WL (Smoothed)
Well 898, Chicot Aquifer, Victoria Cty
Measured WL
Modeled WL (Smoothed)
WLE (ft amsl)
Well 900, Chicot Aquifer, Victoria Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
r² = 0.98
WLE = Year*1.9 + -3828
Well 923, Chicot Aquifer, Victoria Cty
Measured WL
Modeled WL (Smoothed)
WLE (ft amsl)

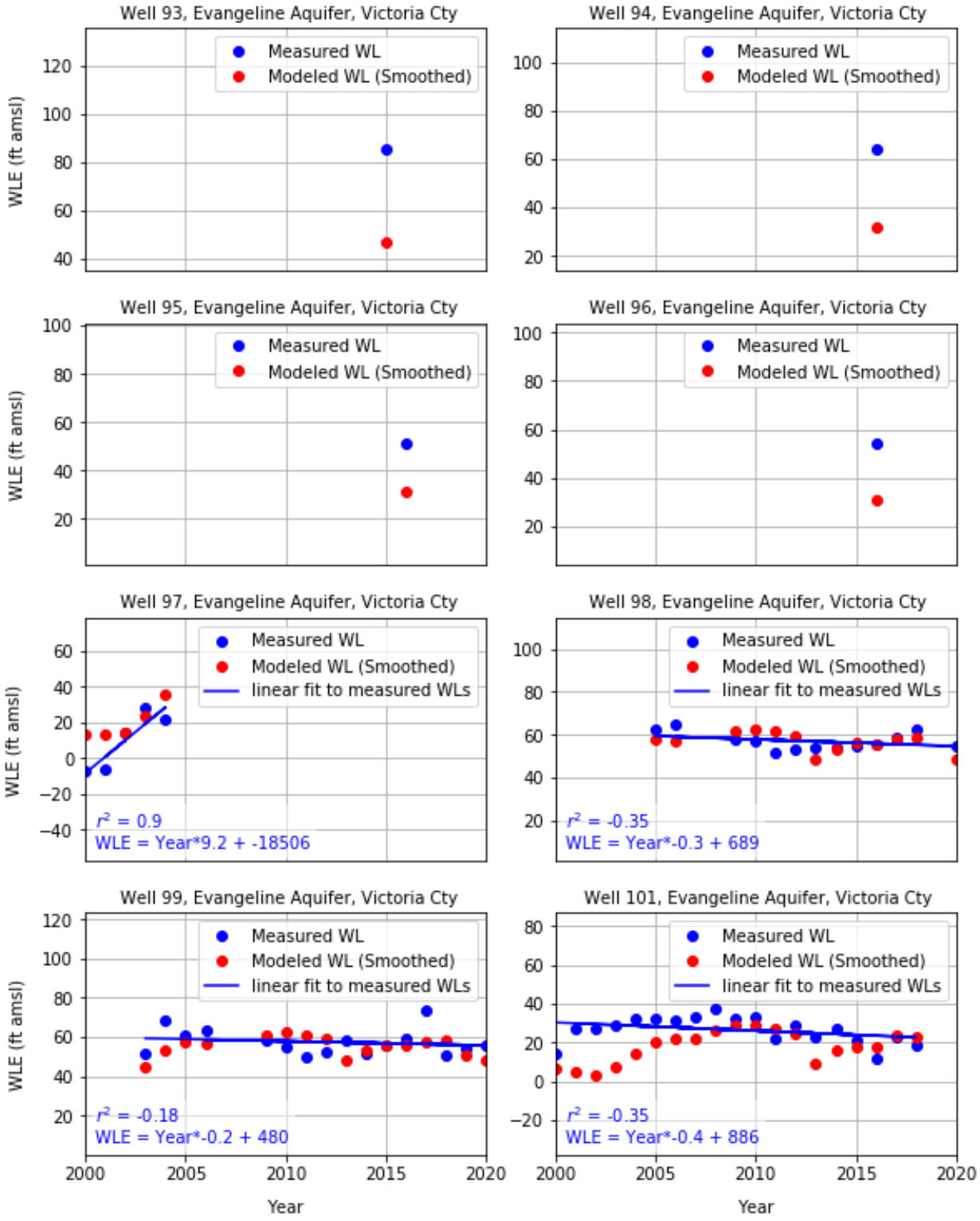
# APPENDIX G
# WELL HYDROGRAPHS FOR THE EVANGELINE AQUIFER IN CALHOUN, JACKSON, REFUGIO, AND VICTORIA COUNTIES

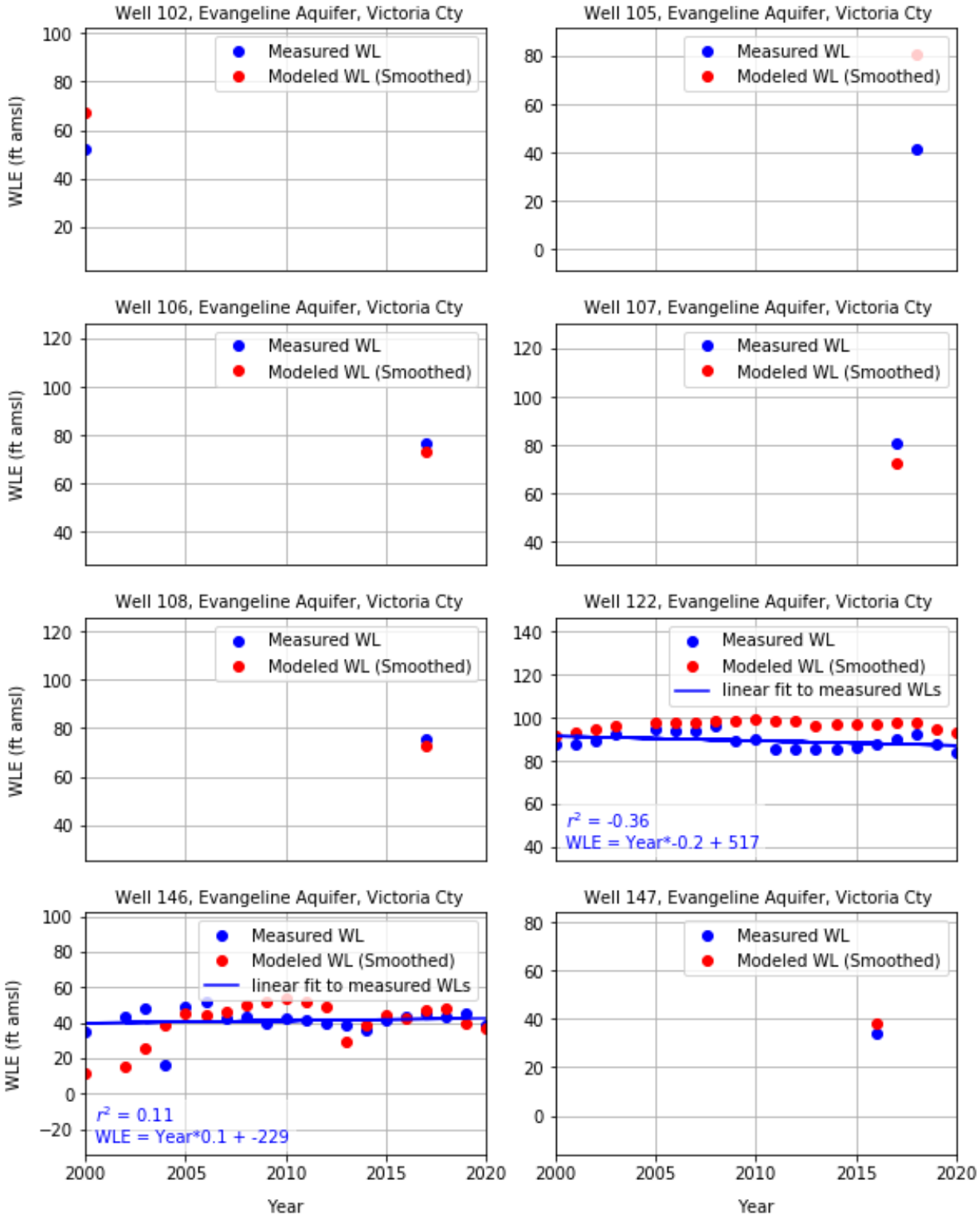

Well 3, Evangeline Aquifer, Jackson Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
$r^2$ = 0.45
WLE = Year*1.2 + -2294
Well 4, Evangeline Aquifer, Jackson Cty
$r^2$ = -0.08
WLE = Year*-0.1 + 242
Well 8, Evangeline Aquifer, Jackson Cty
$r^2$ = -0.55
WLE = Year*-1.5 + 3009
Well 31, Evangeline Aquifer, Jackson Cty
$r^2$ = 0.19
WLE = Year*0.2 + -297
Well 111, Evangeline Aquifer, Jackson Cty
$r^2$ = 0.77
WLE = Year*0.7 + -1435
Well 115, Evangeline Aquifer, Jackson Cty
$r^2$ = -0.19
WLE = Year*-0.1 + 92
Well 215, Evangeline Aquifer, Jackson Cty
$r^2$ = 0.7
WLE = Year*0.9 + -1839
Well 389, Evangeline Aquifer, Jackson Cty
WLE (ft amsl)
Year

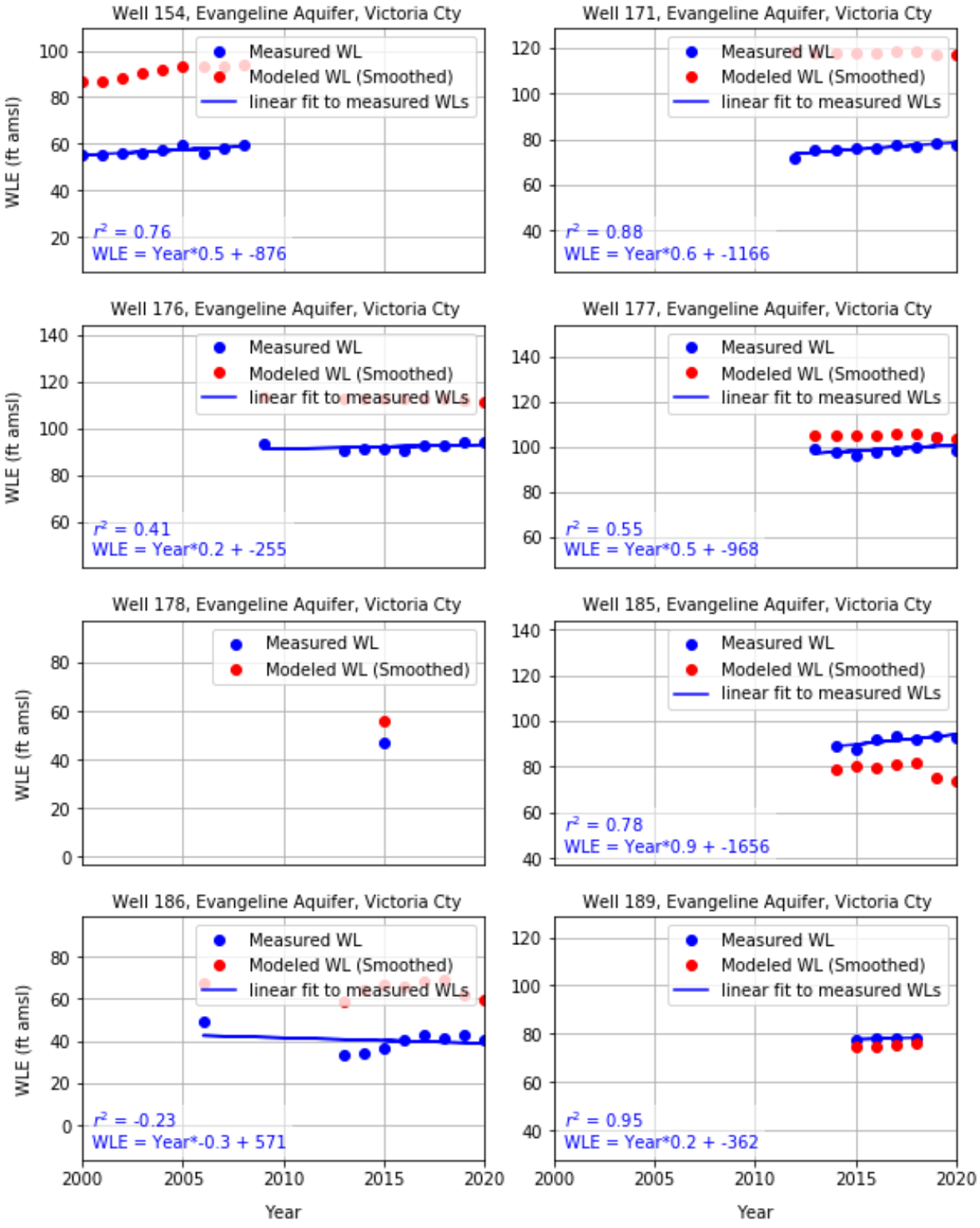

Well 45, Evangeline Aquifer, Refugio Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
$r^2$ = -0.73
WLE = Year*-0.5 + 1076
Well 193, Evangeline Aquifer, Refugio Cty
Measured WL
Modeled WL (Smoothed)
Well 194, Evangeline Aquifer, Refugio Cty
Measured WL
Modeled WL (Smoothed)
Well 195, Evangeline Aquifer, Refugio Cty
Measured WL
Modeled WL (Smoothed)
Well 196, Evangeline Aquifer, Refugio Cty
Measured WL
Modeled WL (Smoothed)
Well 240, Evangeline Aquifer, Refugio Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
$r^2$ = -0.48
WLE = Year*-0.2 + 450
Well 241, Evangeline Aquifer, Refugio Cty
Measured WL
Modeled WL (Smoothed)
Well 242, Evangeline Aquifer, Refugio Cty
Measured WL
Modeled WL (Smoothed)
WLE (ft amsl)
Year
2000
2005
2010
2015
2020

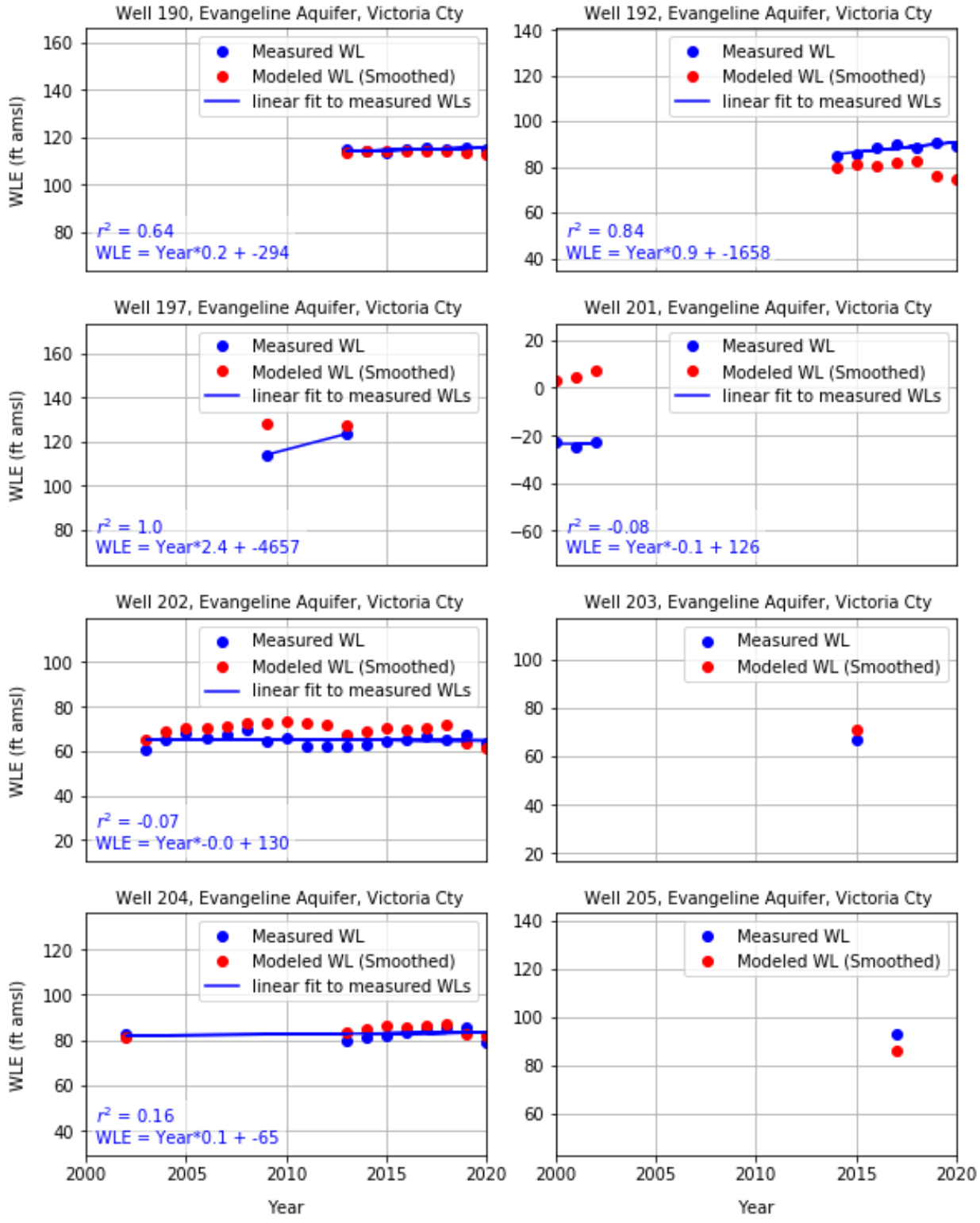

Well 807, Evangeline Aquifer, Refugio Cty
Measured WL
Modeled WL (Smoothed)
WLE (ft amsl)
60
40
20
0
−20

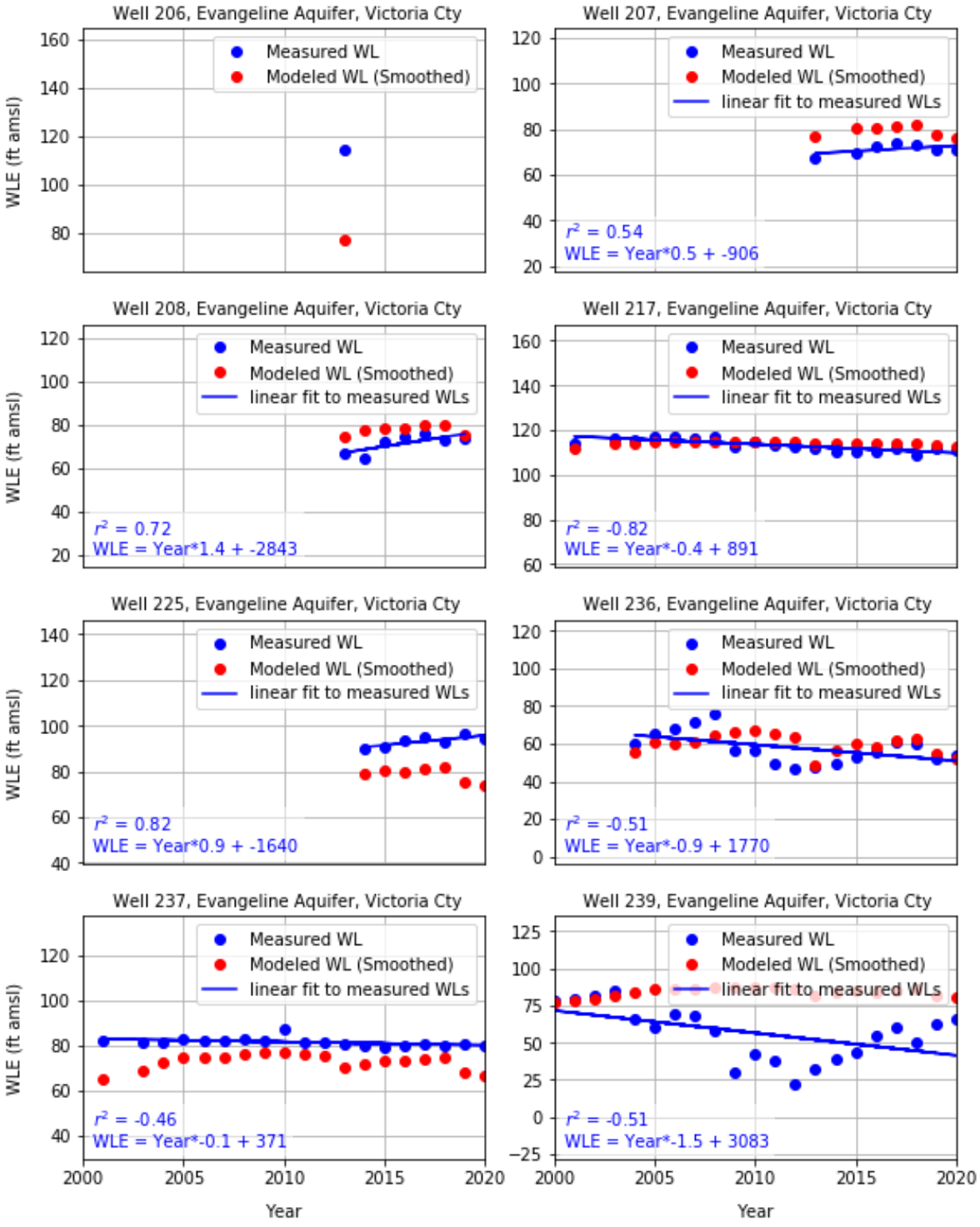

Well 9, Evangeline Aquifer, Victoria Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
$r^2$ = -0.68
WLE = Year*-0.9 + 1916
Well 78, Evangeline Aquifer, Victoria Cty
$r^2$ = 0.27
WLE = Year*0.2 + -305
Well 79, Evangeline Aquifer, Victoria Cty
$r^2$ = 0.9
WLE = Year*8.5 + -16980
Well 80, Evangeline Aquifer, Victoria Cty
$r^2$ = -0.17
WLE = Year*-0.1 + 200
Well 82, Evangeline Aquifer, Victoria Cty
$r^2$ = -0.81
WLE = Year*-1.4 + 2837
Well 90, Evangeline Aquifer, Victoria Cty
$r^2$ = 0.15
WLE = Year*0.7 + -1348
Well 91, Evangeline Aquifer, Victoria Cty
$r^2$ = -0.38
WLE = Year*-0.7 + 1499
Well 92, Evangeline Aquifer, Victoria Cty
$r^2$ = 0.76
WLE = Year*1.8 + -3645
WLE (ft amsl)
Year

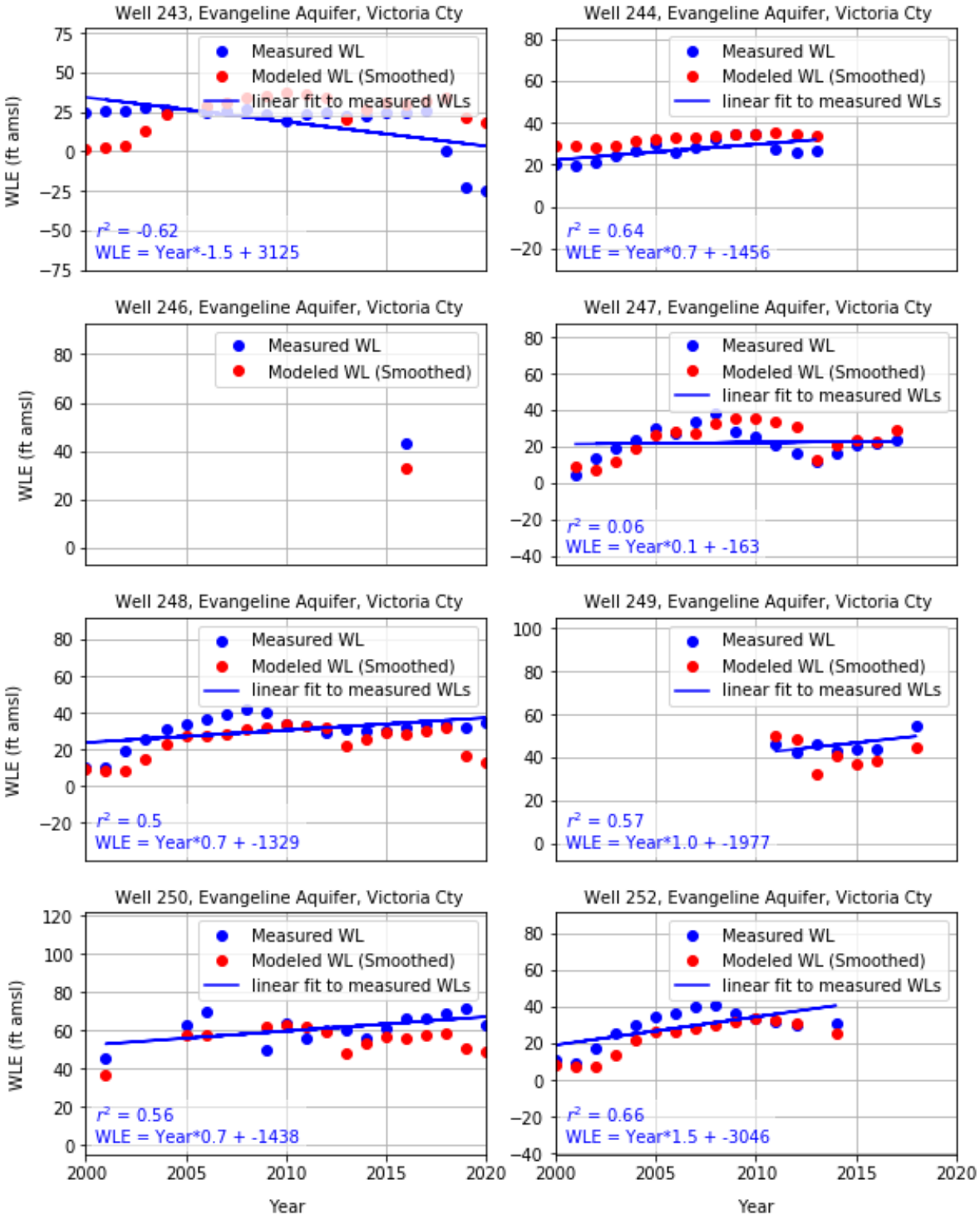

Well 93, Evangeline Aquifer, Victoria Cty
Well 94, Evangeline Aquifer, Victoria Cty
Well 95, Evangeline Aquifer, Victoria Cty
Well 96, Evangeline Aquifer, Victoria Cty
Well 97, Evangeline Aquifer, Victoria Cty
Well 98, Evangeline Aquifer, Victoria Cty
Well 99, Evangeline Aquifer, Victoria Cty
Well 101, Evangeline Aquifer, Victoria Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
WLE (ft amsl)
Year
r² = 0.9
WLE = Year*9.2 + -18506
r² = -0.35
WLE = Year*-0.3 + 689
r² = -0.18
WLE = Year*-0.2 + 480
r² = -0.35
WLE = Year*-0.4 + 886

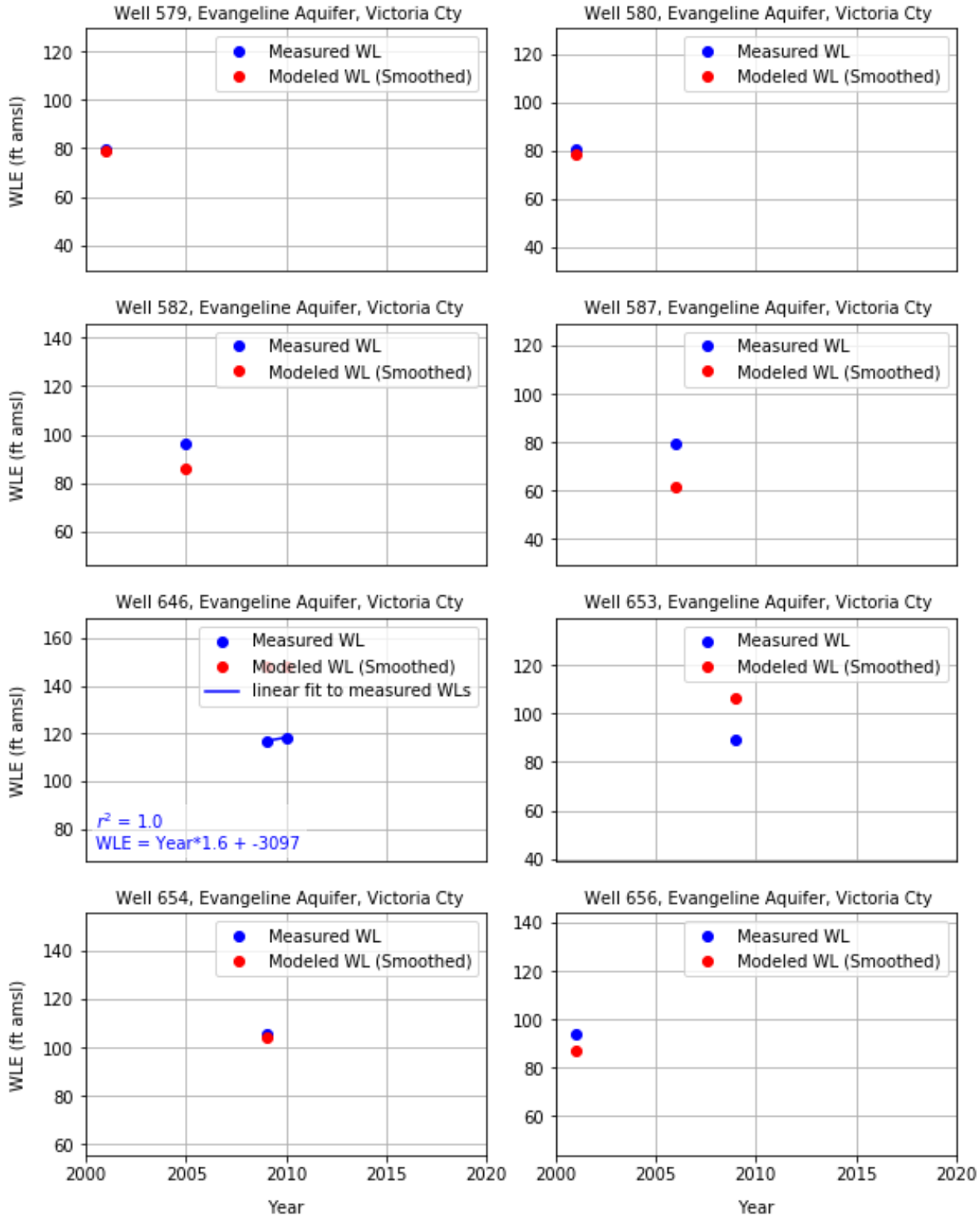

Well 102, Evangeline Aquifer, Victoria Cty
Well 105, Evangeline Aquifer, Victoria Cty
Well 106, Evangeline Aquifer, Victoria Cty
Well 107, Evangeline Aquifer, Victoria Cty
Well 108, Evangeline Aquifer, Victoria Cty
Well 122, Evangeline Aquifer, Victoria Cty
Well 146, Evangeline Aquifer, Victoria Cty
Well 147, Evangeline Aquifer, Victoria Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
WLE (ft amsl)
Year
r² = 0.11
WLE = Year*0.1 + -229
r² = -0.36
WLE = Year*-0.2 + 517

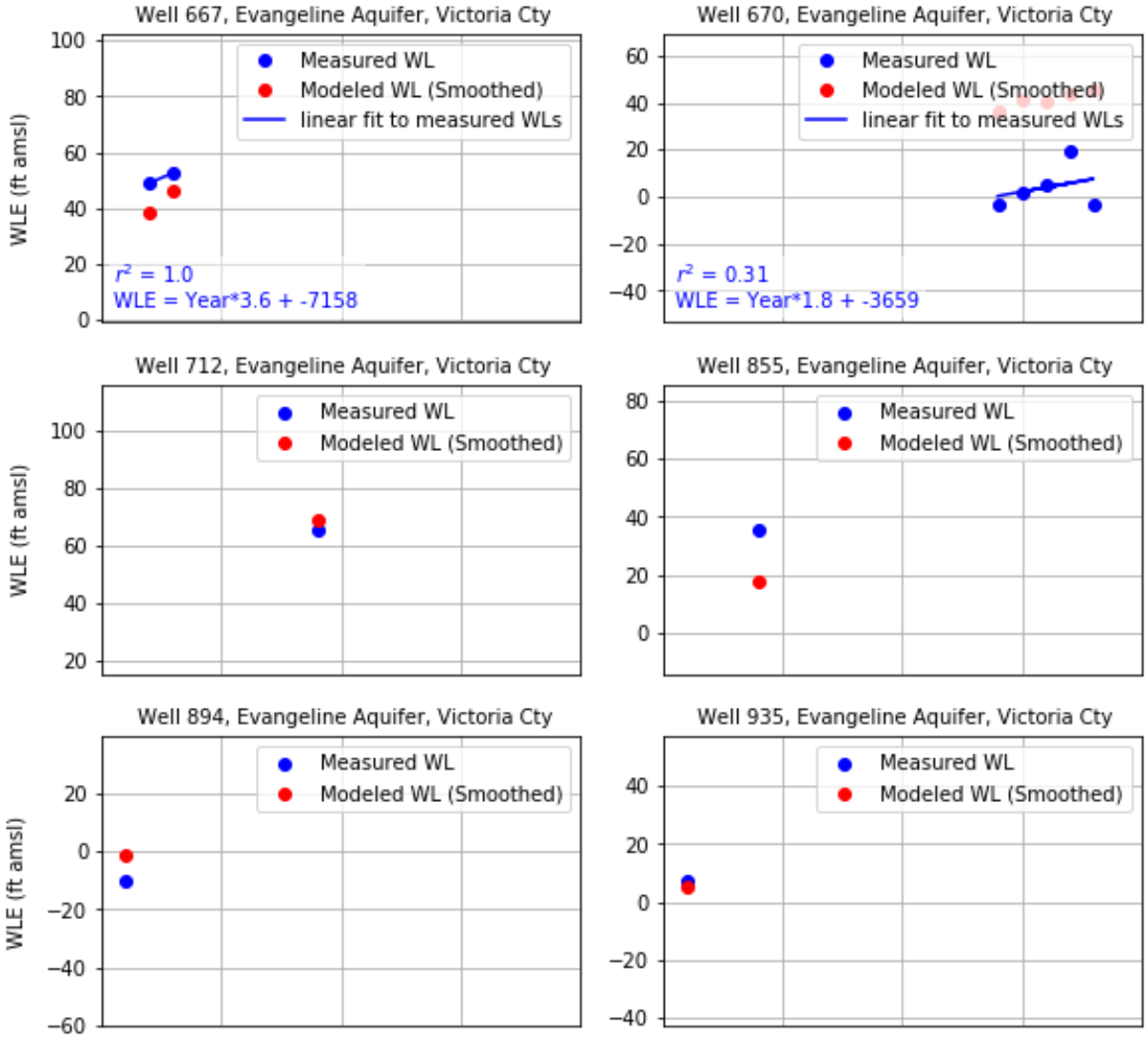

Well 154, Evangeline Aquifer, Victoria Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
$r^2$ = 0.76
WLE = Year*0.5 + -876
Well 171, Evangeline Aquifer, Victoria Cty
$r^2$ = 0.88
WLE = Year*0.6 + -1166
Well 176, Evangeline Aquifer, Victoria Cty
$r^2$ = 0.41
WLE = Year*0.2 + -255
Well 177, Evangeline Aquifer, Victoria Cty
$r^2$ = 0.55
WLE = Year*0.5 + -968
Well 178, Evangeline Aquifer, Victoria Cty
Well 185, Evangeline Aquifer, Victoria Cty
$r^2$ = 0.78
WLE = Year*0.9 + -1656
Well 186, Evangeline Aquifer, Victoria Cty
$r^2$ = -0.23
WLE = Year*-0.3 + 571
Well 189, Evangeline Aquifer, Victoria Cty
$r^2$ = 0.95
WLE = Year*0.2 + -362
WLE (ft amsl)
Year


Well 190, Evangeline Aquifer, Victoria Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
$r^2$ = 0.64
WLE = Year*0.2 + -294
Well 192, Evangeline Aquifer, Victoria Cty
$r^2$ = 0.84
WLE = Year*0.9 + -1658
Well 197, Evangeline Aquifer, Victoria Cty
$r^2$ = 1.0
WLE = Year*2.4 + -4657
Well 201, Evangeline Aquifer, Victoria Cty
$r^2$ = -0.08
WLE = Year*-0.1 + 126
Well 202, Evangeline Aquifer, Victoria Cty
$r^2$ = -0.07
WLE = Year*-0.0 + 130
Well 203, Evangeline Aquifer, Victoria Cty
Well 204, Evangeline Aquifer, Victoria Cty
$r^2$ = 0.16
WLE = Year*0.1 + -65
Well 205, Evangeline Aquifer, Victoria Cty
WLE (ft amsl)
Year


Well 206, Evangeline Aquifer, Victoria Cty
Measured WL
Modeled WL (Smoothed)
Well 207, Evangeline Aquifer, Victoria Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
r² = 0.54
WLE = Year*0.5 + -906
Well 208, Evangeline Aquifer, Victoria Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
r² = 0.72
WLE = Year*1.4 + -2843
Well 217, Evangeline Aquifer, Victoria Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
r² = -0.82
WLE = Year*-0.4 + 891
Well 225, Evangeline Aquifer, Victoria Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
r² = 0.82
WLE = Year*0.9 + -1640
Well 236, Evangeline Aquifer, Victoria Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
r² = -0.51
WLE = Year*-0.9 + 1770
Well 237, Evangeline Aquifer, Victoria Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
r² = -0.46
WLE = Year*-0.1 + 371
Well 239, Evangeline Aquifer, Victoria Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
r² = -0.51
WLE = Year*-1.5 + 3083
WLE (ft amsl)
Year


Well 243, Evangeline Aquifer, Victoria Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
$r^2$ = -0.62
WLE = Year*-1.5 + 3125
Well 244, Evangeline Aquifer, Victoria Cty
$r^2$ = 0.64
WLE = Year*0.7 + -1456
Well 246, Evangeline Aquifer, Victoria Cty
Well 247, Evangeline Aquifer, Victoria Cty
$r^2$ = 0.06
WLE = Year*0.1 + -163
Well 248, Evangeline Aquifer, Victoria Cty
$r^2$ = 0.5
WLE = Year*0.7 + -1329
Well 249, Evangeline Aquifer, Victoria Cty
$r^2$ = 0.57
WLE = Year*1.0 + -1977
Well 250, Evangeline Aquifer, Victoria Cty
$r^2$ = 0.56
WLE = Year*0.7 + -1438
Well 252, Evangeline Aquifer, Victoria Cty
$r^2$ = 0.66
WLE = Year*1.5 + -3046
WLE (ft amsl)
Year


Well 579, Evangeline Aquifer, Victoria Cty
Well 580, Evangeline Aquifer, Victoria Cty
Well 582, Evangeline Aquifer, Victoria Cty
Well 587, Evangeline Aquifer, Victoria Cty
Well 646, Evangeline Aquifer, Victoria Cty
Well 653, Evangeline Aquifer, Victoria Cty
Well 654, Evangeline Aquifer, Victoria Cty
Well 656, Evangeline Aquifer, Victoria Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
WLE (ft amsl)
Year
$r^2$ = 1.0
WLE = Year*1.6 + -3097


Well 667, Evangeline Aquifer, Victoria Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
$r^2$ = 1.0
WLE = Year*3.6 + -7158
WLE (ft amsl)
Well 670, Evangeline Aquifer, Victoria Cty
Measured WL
Modeled WL (Smoothed)
linear fit to measured WLs
$r^2$ = 0.31
WLE = Year*1.8 + -3659
Well 712, Evangeline Aquifer, Victoria Cty
Measured WL
Modeled WL (Smoothed)
WLE (ft amsl)
Well 855, Evangeline Aquifer, Victoria Cty
Measured WL
Modeled WL (Smoothed)
Well 894, Evangeline Aquifer, Victoria Cty
Measured WL
Modeled WL (Smoothed)
WLE (ft amsl)
Well 935, Evangeline Aquifer, Victoria Cty
Measured WL
Modeled WL (Smoothed)

# Texana Groundwater Conservation District

411 N. Wells, Room 118, Edna, Texas 77957
P.O. Box 1098, Edna, Texas 77957
Phone (361) 781-0624 | Fax (361) 781-0453 | www.texanagcd.org

The meeting of the Texana Groundwater Conservation District Board of Directors convened on May 20, 2021, at 8:30 AM at the 411 N. Wells, Edna, Texas.

The following representatives of Texana Groundwater Conservation District attended the meeting:

| | | |
|---|---|---|
| Precinct 1: | Kenneth Koop | Present |
| Precinct 2: | Michael Skalicky | Present |
| Precinct 3: | Robert Martin | Absent |
| Precinct 4: | Robert Gendke Jr. | Present |
| At Large: | Jim Revel | Absent |
| At Large: | Johnny Dugger | Present |
| At Large: | Fredrick Woodland | Present |
| General Manager: | Tim Andruss | Present |
| Legal Counsel: | Jim Allison of Allison, Bass & Magee, LLP | Absent |

1. Call the meeting to order and welcome guests.

   Discussion: Mr. Skalicky called the meeting to order at 8:30 AM.

   Board Action: None.

2. Receive public comments.

   Discussion: None.

   Board Action: None.

3. Consideration of and possible action on matters related to groundwater management including the efforts and activities of the District regarding permitting as well as complaints, investigations, and enforcement cases associated with permitting.

   3.1 - Report regarding Groundwater Management

   Discussion: Mr. Andruss explained that as of March 2, 2021, the District had one administratively complete permitting case related to drilling and operating a well awaiting processing, two administratively complete permitting cases related to well registrations awaiting processing.

   Board Action: None.

   3.2 - Groundwater Production from Ekstrom Aquaculture Well Field

   Discussion: Mr. Andruss explained that on May 14, 2021, Ekstrom Aquaculture submitted the performance report for April 2021. Based on the achievement of the performance standards established with waiver WV-20191219-01 during the preceding reporting period, production

curtailment is not required. However, the performance standards of waiver WV-210191219-01 for the fresh zone were not satisfied for April 2021. The average conductivity measurement for April 2021 (which did not include any measurements in April until April 7th) was 2,806 µS/cm. The maximum allowable conductivity average under waiver WV-20191219-01 is 2,087 µS/cm.

The District is investigating potential issues with the instruments and conductivity measurements associated with the East-Lower Fresh Monitoring Well (FMW-3) at the Ekstrom Fish Farm.

The District is evaluating potential amendments to address issues identified and experienced during the initial year of implementation of the waiver and amendment suggested by Ekstrom.

Board Action: None.

3.3 - Wells for Palmetto Dam Investigation by LNRA

Discussion: Mr. Andruss explained that on May 13, 2021, Mr. Brzozowski, General Manager of Lavaca-Navidad River Authority, inquired about permitting requirements for wells that may be needed to investigate water seepage downstream of the Palmetto Dam. Initially, the management recommendation was to be a recommendation that the Board waive the permitting requirements for the wells for the project based the initial impression that the wells were needed to address an emergency situation related to dam integrity. However, upon further consideration and apparent lack of an emergency, the District notified LNRA that drilling and production permits would likely be required for proposed wells of the project on May 18, 2021. Representatives of LNRA were invited to participate in the meeting and the discussion of this matter.

Mr. Brzozowski clarified that "under this initial engineering study we plan to place a single (one) test well and multiple static observation wells and/or piezometers to measure and monitor changes in water surface elevations across a portion of the maximum dam section" and requested that the District give timely consideration to the permitting request as the study is a pressing issue.

Board Action: None.

4. Consideration of and possible action on matters related to groundwater protection including complaints, investigations, violations and enforcement cases.

4.1 - Enforcement Case - ENC-20200505-01 - Edwin Juranek

Discussion: Mr. Andruss explained that on April 15, 2021, the District notified Mr. Juranek of the violations and offer to settle the new violations.

On April 27, 2021, the District received acknowledgement and acceptance of the District's settlement offer of April 15, 2021. The acknowledgement included a groundwater production report for the subject well and a revised well log.

On April 28, 2021, the District (Mr. Andruss and Mr. Faltysek) visited Mr. Juranek's property to discuss the settlement agreement and inspect the subject well. Mr. Juranek confirmed 1) he drilled the well; 2) he modified his well log but did not re-work the well in any way; and 3) he was not currently operating the well. He explained that he would likely need to operate the well in 2 weeks to water existing crops. The District inspected the subject well, collected a water level measurement from the existing house well (a potential candidate for a monitoring well), and measured the depth of an existing, capped 2" well (another candidate for a monitoring well). Mr. Andruss offered to send an email message regarding deficiencies identified with Mr. Juranek's production permit request and a draft waiver request for his consideration.

On May 11, 2021, the District reviewed the production permit request AOW-20200709-06 and determined the application remains administratively incomplete. The deficiencies and supplemental information required to complete the application were identified. A draft waiver request was prepared to assist Mr. Juranek in submitting an administratively complete waiver request if he is unable to address certain application deficiencies for which he can show good cause for the Board to waive the related permitting requirements. On May 12, 2021, the District sent message regarding the required supplemental information for the application to Mr. Juranek via email at bjuranek@ykc.com.

The settlement offer of April 15, 2021, required that Mr. Juranek "cease groundwater production immediately from the subject well until you demonstrate: 1. the subject well was re-worked/re-construct in a manner that satisfies the annular seal requirements of Rule 7.2.3.a; or ..." plug the well. Mr. Juranek submitted a revised well log that changed the section 10 of the form regarding the Annular Seal Data. Mr. Juranek changed the depth of the seal from 20 feet below the surface to 50 feet below the surface:

Rule 7.2.3 reads as follows: Non-grandfathered wells and replacement wells must be completed such that annular space is filled from ground level to a depth of ten (10) feet as specified under Texas Administrative Code, Chapter 76, Water Well Drillers and Pump Installers Rules, the annular space seal crosses a confining layer having a thickness in excess of five (5) feet, and in accordance with the following specifications and in compliance with the local county or incorporated city ordinances: a. The annular space between the borehole wall and the casing of a well shall be filled with an authorized annular space sealant such that: i. The annular space is sealed from ground level to the top of the water producing strata; or ii. The annular space is sealed from ground level to a depth of fifty (50) feet below the land surface; or iii. The annular space is sealed from ground level to a depth of ten (10) feet below the land surface and the placement of at least two commercially manufactured, formation packers that exceed the diameter of well boring by at least 2 inches in the annular space and placement of a commercially manufactured, formation packers that exceed the diameter of well boring by at least 2 inches in the annular space in each confining stratigraphic layers above the production zone of the well.

Since the well was not "reworked/reconstructed" or plugged as required by the settlement offer, the Board should determine if the revised well log is sufficient to address the identified violation regarding well completion.

Board Action: None.

5. Consideration of and possible action on matters related to groundwater monitoring.

   5.1 - Drought Monitoring

   Discussion: Mr. Andruss explained that the United States Drought Monitor, an information source produced through a partnership between the National Drought Mitigation Center at the University of Nebraska-Lincoln, the United States Department of Agriculture, and the National Oceanic and Atmospheric Administration, indicates that no portions of Jackson County were experiencing moderate drought conditions as of May 11, 2021.

   Board Action: None.

6. Consideration of and possible action on matters related to groundwater conservation.

   Discussion: None.

   Board Action: None.

7. Consideration of and possible action on matters related to groundwater resource planning including Groundwater Management Area 15 Joint Planning and regional water planning.

   Discussion: Mr. Andruss explained that the District will participate in the next Region P Regional Water Planning Group Meeting when scheduled.

   The District participated in the Management Area 15 Meeting convened on April 8, 2021. The representatives of GMA 15 proposed for adoption a GMA-Wide DFC and County-Specific DFCs. The proposed DFCs and supporting information were mailed to member districts beginning the public comment period (at least 90 days) on the proposed DFCs. The District will conduct a public hearing regarding the proposed DFCs. The hearing is planned for July 15, 2021.

   Board Action: None.

8. Consideration of and possible action on matters related to groundwater policy including the Management Plan of the District and the Rules of the District.

   8.1 - Management Plan Adoption

   Discussion: Mr. Andruss on May 10, 2021, Mr. Allen of TWDB notified the District that the revised draft management plan passed the pre-review conducted by TWDB and the District could proceed with the public hearing and adoption of the Management Plan of the District. The hearing for and consideration of revised management plan will be scheduled for July 15, 2021.

   Board Action: None.

9. Consideration of and possible action on matters related to groundwater research.

   Discussion: None.

   Board Action: None.

10. Consideration of and possible action on matters related to performance management including management goals and objectives of the District.

    Discussion: None.

    Board Action: None.

11. Consideration of and possible action on matters related to meeting management including minutes of previous meetings.

    11.1 - Report regarding Meeting Management

    Discussion: Mr. Andruss explained that the next meeting of the Board of Directors is scheduled for July 15, at 8:30 AM in the Jackson County Services Building, 411 N. Wells, Edna, Texas 77957.

    Board Action: None.

    11.2 - Minutes of Previous Meeting

    Discussion: Mr. Andruss explained that the minutes for the meeting held on April 15, 2021, were sent the board members prior to the meeting.

    Board Action: Mr. Gendke moved to accept and approved the meeting minutes for April 15, 2021, as drafted. Mr. Koop seconded the motion. The motion passed unanimously.

12. Consideration of and possible action on matters related to financial management including the annual budget of the district, financial reports of the district, bills and invoices of the district.

    12.1 - Report on Financial Management

    Discussion: Mr. Andruss explained that the financial reports for April 2021 have been compiled, reviewed, and sent to the board members prior to the meeting. All expenditures are related to business of the District and properly authorized.

    Board Action: Mr. Skalicky moved to accept and approve the financial records for April 2021, as presented. Mr. Koop seconded the motion. The motion passed unanimously.

13. Consideration of and possible action on matters related to office administration and management including personnel, staffing, employment agreements, consultant agreements, interlocal

cooperation agreements, and support services provided to and from other groundwater conservation districts.

13.1 - Report regarding Administration and Management

Discussion: Mr. Andruss explained that for a second year, local government entity employees who have access to a local government computer system or database and elected officials must take a DIR-certified cybersecurity course by June 14, 2021, as required by Texas Government Code Section 2054.5191. TMLIRP makes available a video that includes a self-administered test. This option is available to anyone who can access the website. See http://bit.ly/TMLIRPCyber for the video.

Once the training is completed by staff and directors, Tammy Amaimo, Administrative Assistant will submit the Cybersecurity Training Certification for Local Governments form at www.dir.texas.gov to the DIR by June 15, 2021, to verify the District's compliance after training has been completed. The board members present, Mr. Koop, Mr. Skalicky, Mr. Woodland, Mr. Duggar, and Mr. Gendke reported that they had completed the Cybersecurity Training.

Board Action: None.

14. Consideration of and possible action on matters related to legal counsel report.

Discussion: None.

Board Action: None.

15. Adjourn.

Board Action: Mr. Dugger moved to adjourn the meeting at 10:25 AM, after concluding all business of the District. Mr. Skalicky seconded the motion. The motion passed unanimously.

The above and foregoing minutes were read and approved on this the 15TH day of July, 2021.

ATTEST:

District Director

District Director

# Texana Groundwater Conservation District

411 N. Wells, Room 118, Edna, Texas 77957
P.O. Box 1098, Edna, Texas 77957
Phone (361) 781-0624 | Fax (361) 781-0453 | www.texanagcd.org

The meeting of the Texana Groundwater Conservation District Board of Directors convened at 411 N. Wells, Edna, Texas 77957 on Thursday, October 15, 2020 at 8:30 AM.

The following representatives of Texana Groundwater Conservation District attended the meeting:

| | | |
|---|---|---|
| Precinct 1: | Mr. Kenneth Koop, Treasurer | Absent |
| Precinct 2: | Mr. Michael Skalicky, President | Absent |
| Precinct 3: | Mr. Robert Martin, Director | Present |
| Precinct 4: | Mr. Fredrick Woodland, Director | Present |
| At Large: | Mr. Jim Revel, Secretary | Present |
| At Large: | Mr. Johnny Dugger, Vice President | Present |
| At Large: | Mr. Robert Gendke, Jr., Director | Present |
| General Manager: | Mr. Tim Andruss | Present |
| Legal Counsel: | Mr. Jim Allison of Allison, Bass & Magee, LLP | Present |

1. Call the meeting to order and welcome guests.

   Management Discussion: Mr. Dugger called the meeting to order at 8:30 AM.

   Board Action: No action taken.

2. Receive public comments.

   Management Discussion: None.

   Board Action: No action taken.

3. Consideration of and possible action on matters related to groundwater management including the efforts and activities of the District regarding permitting as well as complaints, investigations, and enforcement cases associated with permitting.

   3.1 - Ekstrom Aquaculture - Performance Report for CY2020M09

   Management Discussion: Mr. Andruss explained that on October 13, 2020, Mr. Ekstrom submitted the monitoring report as required by waiver WV-20191219-01 via email. The report contains all the required elements. The report contains 1) the groundwater production data collected by Ekstrom, 2) the water level monitoring data and conductivity data collected by the District, and 3) an evaluation of the production and monitoring data relative to the performance standards established within waiver WV-20191219-01. Ekstrom reported 127.25 acre-feet of production from the well field in September 2020 with a cumulative production of 1,020 acre-feet in Year 2020.

   Based on the evaluation of the performance criteria relative to the measurements collected during most recently closed reporting period, the performance criteria established in waiver WV-20101219-01 were NOT achieved. In particular, the water level requirement

established for the East - Lower Fresh (FMW-3) DAMW was exceeded the maximum water level change permitted during the reporting period. The maximum water level change permitted during the reporting period for the East - Lower Fresh (FMW-3) DAMW is 10 feet. The average water level change for the East - Lower Fresh (FMW-3) DAMW was 11.16 feet. This represents the first instance of failure to satisfy performance criteria since August 2020.

The waiver requires, under Section 5.11 - Fresh Zone Performance Responses, that "[i]n the event that any performance criteria are not satisfied during two consecutive reporting periods, groundwater production from wells of the subject well field zone during the next reporting period shall be curtailed to 75 percent of the PGW of the most recent reporting period."

Board Action: No action taken.

3.2 - PRC-20200922-01 - Ekstrom Aquaculture

Management Discussion: Mr. Andruss explained that Mr. James P. Ekstrom for Ekstrom Aquaculture, LLC seeks an amendment to drilling permit DP-20200521-01 related to the replacement of well GW-00452/IW-3, under permitting request case PRC-20200922-01, to extend the permit expiration date from November 17, 2020, to November 17, 2021 "due to operations disruptions caused by the Covid-19 pandemic."

On September 24, 2020, the District completed the public notice requirements for this case.

As of October 14, 2020, the District had not received any protests regarding the permitting request.

Item 8 of Rule 4.2 of the Rules of the District states that drilling permits shall be valid for 180 days (approximately 6 months).

Currently, the drilling permit DP-2020051-01 expires on November 11, 2020.

Board Action: Mr. Dugger moved to 1) proceed with the case as an uncontested matter and 2) amend drilling permit DP-20200521-01 by extending the expiration date of April 15, 2021. Mr. Martin seconded the motion. Motion passed unanimously.

3.3 - Ekstrom Aquaculture - Permitting Policies related to Plugged Wells, Replacement Wells

Management Discussion: Mr. Andruss explained that on September 17, 2020, the Board requested a briefing on replacing well GW-00452/IW-3 after the expiration of the existing drilling permit for a replacement well for well GW-00452/IW-3.

Board Action:

8:49 AM – Mr. Revel moved to go into closed session for legal consultation regarding replacing well GW-00452/IW-3 after the expiration of the existing drilling permit for a replacement well for well GW-00452/IW-3. Mr. Dugger seconded the motion. Motion passed unanimously.

9:00 AM – Mr. Dugger moved to open session. Mr. Woodland seconded the motion. Motion passed unanimously.

Board Action: Mr. Dugger moved to authorize the release of the letter from Mr. Allison regarding IW-3 (GW-00452) Additional Legal Issues. Mr. Martin seconded the motion. Motion passed unanimously.

4. Consideration of and possible action on matters related to groundwater protection including complaints, investigations, violations and enforcement cases.

   Management Discussion: None.

   Board Action: No action taken.

5. Consideration of and possible action on matters related to groundwater monitoring.

   5.1 - Continuous Aquifer Monitoring Equipment

   Management Discussion: Mr. Andruss explained that as authorized by the Board, the District rented In-Situ equipment for one month for the purposes of evaluating certain instruments for use at the Ekstrom Site. The rented units were deployed in the Upper Brackish and Lower Brackish monitoring wells at the Center Aquifer Monitoring Site at the Ekstrom Fish Farm between August 17 and September 9, 2020.

## Texana Groundwater Conservation District

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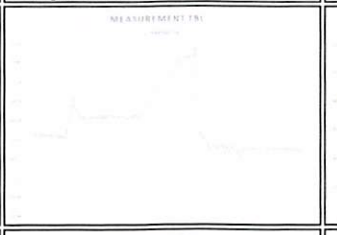
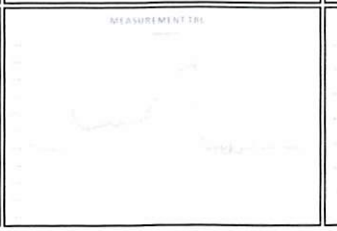
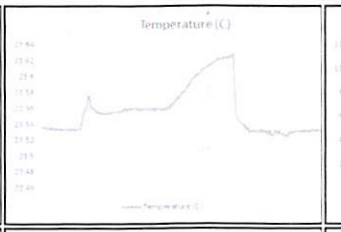
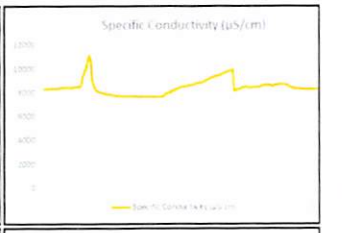
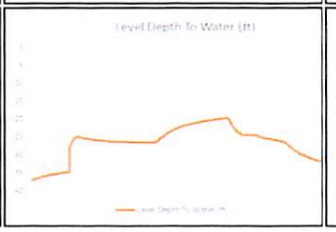
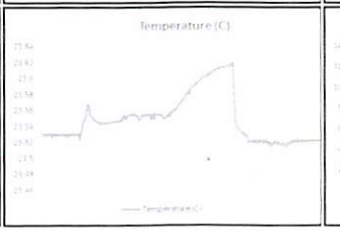
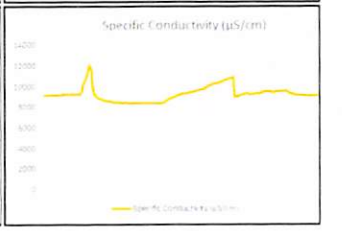
**Data Collected at the Center Aquifer Monitoring Site from the Upper Brackish Dedicated Aquifer Monitoring Well (Center - UB DAMW)**

| Instrument | Avg Water Level (ft) | Avg Temperature (°C) | Avg Conductivity (µS/cm) |
|---|---|---|---|
| Solinist 1075479 | 27.57 | 22.76 | 8572.71 |
| Solinst 1078481 | 27.40 | 23.50 | 8741.54 |
| In-Situ AT578883 | 27.05 | 23.55 | 8486.01 |
| In-Situ AT578889 | 27.04 | 23.54 | 9292.33 |

| Instrument | Water Level | Temperature | Conductivity |
|---|---|---|---|
| Solinist 1075479 |  |  |  |
| Solinst 1078481 |  |  |  |

| | | | |
|---|---|---|---|
| In-Situ AT578883 |   |   |   |
| In-Situ AT578889 |   |   |   |

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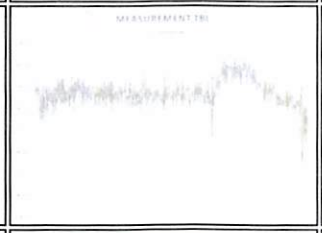
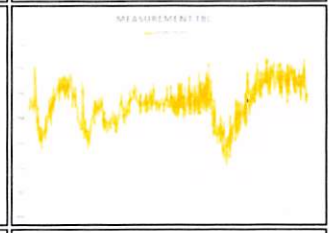
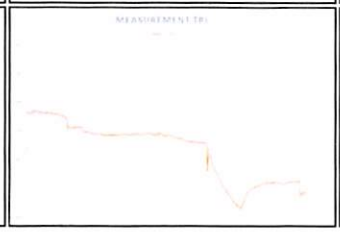
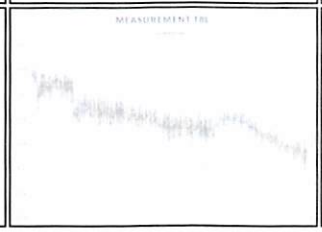
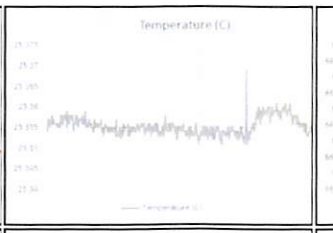
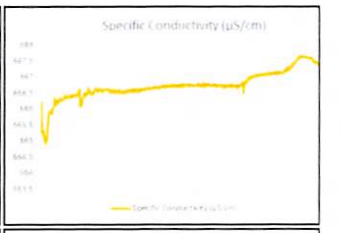
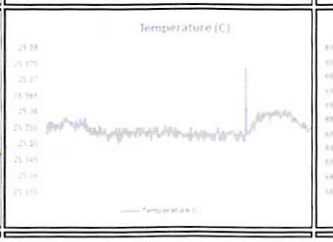
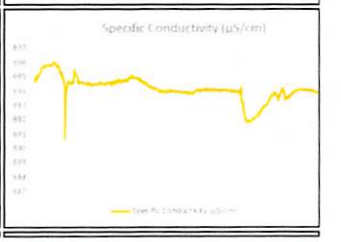
**Data Collected at the Center Aquifer Monitoring Site from the Lower Fresh Dedicated Aquifer Monitoring Well (Center - LF DAMW)**

| Instrument | Avg Water Level (ft) | Avg Temperature (°C) | Avg Conductivity (µS/cm) |
|---|---|---|---|
| Solinist 1078349 | 48.98 | 25.22 | 707.20 |
| Solinst 1075271 | 49.29 | 25.29 | 678.09 |
| In-Situ AT483427 | 50.39 | 25.35 | 666.79 |
| In-Situ AT537010 | 50.40 | 25.35 | 694.15 |

| Instrument | Water Level | Temperature | Conductivity |
|---|---|---|---|
| Solinist 1078349 |  |  |  |
| Solinst 1075271 |  |  |  |

| | | | |
|---|---|---|---|
| In-Situ AT483427 |   |   |   |
| In-Situ AT537010 |   |   |   |

The District was able to configure and deploy the In-Situ instruments with relative ease. The District was able to retrieve the monitoring data and complete the post processing tasks with relative ease. The In-Situ instruments had no operational failures during the limited test period. The resulting data appears to be comparable to the data produced from the Solinst instruments during the test period with greater differences in graph shapes observed in the conductivity data collected from the lower fresh monitoring well.

Based on the data presented above, the District has concluded that the performance of the In-Situ instruments was satisfactory and could be used as monitoring equipment at the Ekstrom Aquaculture Fish Farm. However, given the recent operational stability experienced with the Solinst instruments, a transition to In-Situ insturments is not recommended at present.

Board Action: No action taken.

6. Consideration of and possible action on matters related to groundwater conservation.

Management Discussion: None.

Board Action: No action taken.

7. Consideration of and possible action on matters related to groundwater resource planning including Groundwater Management Area 15 Joint Planning and regional water planning.

7.1 - Report regarding Groundwater Resource Planning

Management Discussion: Mr. Andruss explained that the District participated in TWDB's stakeholder meeting regarding a new groundwater availability model (GAM) for central and southern Gulf Coast Aquifer. The District requested additional time to provide comments on the conceptual plan. TWDB has indicated that it would accept comments beyond the original comment deadline of October 16, 2020.

The District, in cooperation with VCGCD, has requested proposals from Dr. Young and Dr. Uddameri for a project to review and comment the conceptual plan. The costs of the proposals submitted by Dr. Young and Dr. Uddameri exceed the estimate costs. Additional funding will be required to proceed with the review.

Board Action: Mr. Revel moved to increase the funding level of the cooperative effort to have the conceptual plan reviewed by $500 to $2,500. Mr. Dugger seconded the motion. Motion passed unanimously.

7.2 - TWDB Exempt-Use Estimates

Management Discussion: Mr. Andruss explained that TWDB has completed an analysis of existing data to estimate the volume of groundwater used for "rural domestic, livestock, mining, and rig supply exempt uses." The associated report specifies "[t]hese estimates

are based on a comprehensive survey of groundwater wells in the TWDB Groundwater Database (GWDB), the TWDB Water Use Survey, the 2017 State Water Plan (SWP), the newest projected demand estimates for the upcoming 2021 SWP,, and population data from the Texas Demographic Center." The report includes a note that "these estimates may not represent actual use from exempt wells." TWDB has estimated exempt use of groundwater in Jackson County at 1,581 acre-feet. This estimate used in the joint planning process likely significantly underestimates the volume of water produced from water wells within Jackson County that are categorized as exempt-use wells by the District.

Board Action: No action taken.

8. Consideration of and possible action on matters related to groundwater policy including the Management Plan of the District and the Rules of the District.

   8.1 - Legislative Support Services

   Management Discussion: Mr. Andruss explained that on September 25, 2020, Greg Ellis submitted responses to the Formal Request for Information issued by the House Natural Resource Committee on behalf of VCGCD, CCGCD, RGCD, and TGCD. The responses addressed the topics of Achieving DFCs and Marketing of Groundwater.

   Board Action: No action taken.

9. Consideration of and possible action on matters related to groundwater research.

   Management Discussion: None.

   Board Action: No action taken.

10. Consideration of and possible action on matters related to performance management including management goals and objectives of the District.

    Management Discussion: None.

    Board Action: No action taken.

11. Consideration of and possible action on matters related to meeting management including minutes of previous meetings.

    Management Discussion: Mr. Andruss explained that the recommended meeting schedule for future meetings during Fiscal Year 2021 is as follows:

    January 21, 2021 at 8:30 AM

    - Officer Elections

- By-Laws and Administrative Policy Review
- Annual Report
- Audit Report
- DFC Proposals

April 15, 2021 at 8:30 AM

- Draft Rule Revisions
- Replacement Wells

July 15, 2021 at 8:30 AM

- Expense Budget Recommendation

August 19, 2021 at 8:30 AM

- Revenue Budget and Tax Rate Recommendation

September 16, 2021 at 8:30 AM

- Budget

Board Action: Mr. Dugger moved to approve the amended meeting schedule for FY2021. Mr. Martin seconded the motion. Motion passed unanimously.

11.2 - Minutes of Previous Meeting

Management Discussion: Mr. Andruss explained that the minutes for the meeting held on September 17, 2020, were sent the board members prior to the meeting.

Board Action: Mr. Revel moved to accept and approve the meeting minutes for September 17, 2020, as drafted. Mr. Dugger seconded the motion. Motion passed unanimously.

12. Consideration of and possible action on matters related to financial management including the annual budget of the district, financial reports of the district, bills and invoices of the district.

12.1 - Financial Reports and Records

Management Discussion: Mr. Andruss explained that the financial reports for September 2020 have been compiled, reviewed, and sent to the board members prior to the meeting. All accounts reconcile with internal records. All funds of the District are properly secured by FDIC Insurance and pledged collateral. All internal controls have been reviewed and adhered to. All expenditures are related to business of the District and properly authorized.

Board Action: Mr. Gendke moved to accept and approve the financial records for September 2020. Mr. Dugger seconded the motion. Motion passed unanimously.

Management Discussion: Mr. Andruss presented a list of recommended amendments to the FY2020 Budget intended to resolve all exceedances of actual credits and debits as compared to the original budget.

Board Action: Mr. Martin moved to amend the FY2020 Budget as recommended. Mr. Dugger seconded the motion. Motion passed unanimously.

12.2 - Unpaid Accounts Payable

Management Discussion: Mr. Andruss explained that the District has outstanding accounts payable invoices that are not considered regular and routine for which the District has received the goods and services billed for under the invoices.

Board Action: Mr. Revel move to authorize the general manager to pay the following items: TGCD - Adm - FM - Accounts Payable - ACCTP-20201005-03 - $190.30 - Invoice No. 3453520920 - Victoria Advocate - OPEN/CLOSED; TGCD - Adm - FM - Accounts Payable - ACCTP-20201006-01 - $537.20 - Invoice No. 8777 - TML - OPEN; TGCD - Adm - FM - Accounts Payable - ACCTP-20201013-01 - $20.40 - Invoice No. 94189 - Jackson County Herald Tribune - OPEN; TGCD - Adm - FM - Accounts Payable - ACCTP-20201014-01 - $150.00 - Invoice No. ILA-20201013-T - VCGCD - OPEN; TGCD - Adm - FM - Accounts Payable - ACCTP-20201014-02 - $6,626.44 - Invoice No. ILA-202009-T - VCGCD - OPEN; TGCD - Adm - FM - Accounts Payable - ACCTP-20201014-03 - $6,725.62 - Invoice No. ILA-202010-T - VCGCD - OPEN. Mr. Dugger seconded the motion. Motion passed unanimously.

13. Consideration of and possible action on matters related to office administration and management including personnel, staffing, employment agreements, consultant agreements, interlocal cooperation agreements, and support services provided to and from other groundwater conservation districts.

13.1 - Projects and Schedule

Management Discussion: Mr. Andruss explained that the listing below outlines the projects to be completed by the District, in addition to routine activities such as permit application processing and casing placement inspections, during the fiscal year grouped by operational programs:

Program 2000 - Groundwater Conservation

- Water Conservation Article

Program 3000 - Groundwater Management

- Groundwater Production Reporting for CY2020
- Production Permit Renewals and New Permits for CY2020

Program 4000 - Groundwater Monitoring

- Aquifer Condition Assessment using Geostatistics
- Synoptic Water Level Monitoring for FY2021
- Synoptic Water Quality Monitoring for FY2021
- Ekstrom Monitoring for CY2021

Program 5000 - Groundwater Policy

- Rule Revisions
- Legislative Session Monitoring

Program 6000 - Groundwater Protection

- Water Well Inspections for FY2021

Program 7000 - Groundwater Research

Program 8000 - Groundwater Resource Planning

- DFC (3rd Cycle) Adoption
- TWDB Groundwater Availability Model Evaluation

Program 1000 - Administration

- Performance Audit for FY2020
- Financial Audit for FY2020
- Cyber Security Training for FY2021
- Open Government Training for FY2021

Board Action: No action taken.

13.2 - Cyber Security Training

Management Discussion: Mr. Andruss explained that all employees have watched the TMLIRP Cyber Security Training YouTube Video (link: https://www.youtube.com/watch?v=pCRbR2ka_0o) and submitted their self-administered Cyber Security Test for archiving in the records of VCGCD. The training requires

approximately 20 minutes to complete. Directors that submit their results to the District will have those results archived in the District's records to document his completion of the training.

Board Action: No action taken.

13.3 - Electronic Record Backup

Management Discussion: Mr. Andruss explained that the District budgeted $1,950 (PRG 1000- Function 1900- Category 433) for the implementation of a system to back up the electronic records of the District. The backup system relies on subscriptions to a system integration service (Zapier) and a cloud-base file sharing service (Dropbox) at a cost of $840 per year.

Board Action: Mr. Martin moved to authorize the General Manager to implement the record back up system. Mr. Dugger seconded the motion. Motion passed unanimously.

13.4 - Website Re-Work

Management Discussion: Mr. Andruss explained that the District has re-designed its website. The new website is structured based on the primary programs of the District and closely aligns with the record keeping system, meeting management processes, and financial management processes.

In addition to the home page, the website has one or more pages dedicated to each program of the District: Groundwater Conservation, Groundwater Management, Groundwater Monitoring, Groundwater Policy, Groundwater Protection, Groundwater Research, Groundwater Resource Planning, and Administration. This structure enables the efficient maintenance and expansion of information provided to the public.

Notable changes to the website include:

1. contact names and numbers for each program;
2. a page with a google map for the Jackson County;
3. a page dedicated to Aquifer Monitoring at Ekstrom Fish Farm;
4. expanded information related to the Administrative Program;
5. information regarding the relationship between the District and VCGCD.

Finally, in an effort to simplify the use of the District's website and provide a consistent interface for uses, the websites of VCGCD, CCGCD, and RGCD would re-designed in a similar fashion and structure.

Board Action: No action taken.

14. Consideration of and possible action on matters related to legal counsel report.

Management Discussion: None.

Board Action: No action taken.

15. Adjourn.

Board Action: Mr. Dugger moved to adjourn the meeting at 9:56 AM. Mr. Gendke seconded the motion. Motion passed unanimously.

The above and foregoing minutes were read and approved on this the 30 day of November, 2020.

ATTEST:

District Director

District Director

# Texana Groundwater Conservation District

411 N. Wells, Room 118, Edna, Texas 77957
P.O. Box 1098, Edna, Texas 77957
Phone (361) 781-0624 | Fax (361) 781-0453 | www.texanagcd.org

The meeting of the Texana Groundwater Conservation District Board of Directors convened at 411 N. Wells, Edna, Texas 77957 on Monday, January 4, 2021 at 8:30 AM.

The following representatives of Texana Groundwater Conservation District attended the meeting:

| | | |
|---|---|---|
| Precinct 1: | Kenneth Koop | Present |
| Precinct 2: | Michael Skalicky | Present |
| Precinct 3: | Robert Martin | Present |
| Precinct 4: | Robert Gendke Jr. | Present |
| At Large: | Jim Revel | Absent |
| At Large: | Johnny Dugger | Present |
| At Large: | Fredrick Woodland | Present |
| General Manager: | Tim Andruss | Present |
| Legal Counsel: | Jim Allison of Allison, Bass & Magee, LLP | Present |

**AGENDA**

1. Call the meeting to order and welcome guests.

Management Discussion: Mr. Skalicky called the meeting to order at approximately 8:30 AM.

Board Action: None.

2. Receive public comments.

Management Discussion: None.

Public Comments: None.

Board Action: None.

3. Consideration and possible action on matters related to a request for forbearance regarding groundwater production curtailment from water wells of the Ekstrom Aquaculture Well Field in accordance with waiver WV-20191219-01.

Management Discussion:

Mr. Andruss informed the Board that Ekstrom had submitted the pumping and monitoring report for December 2020, the performance criteria of the waiver had been satisfied, and the curtailment of groundwater production in the fresh zone wells would be revised from 0 AF to 7.5 AF for January 2021 (i.e., a 25% reduction of the most recent production from the fresh zone: 10 AF of production that had inadvertently been pumped in November 2020).

Mr. Andruss explained that waiver WV-20191219-01 establishes the water level performance criteria for monitoring wells for the fresh zone at the Ekstrom Fish Farm. Average drawdowns in excess of 10 feet relative to the initial water level conditions established for the fresh zone

monitoring wells represent an exceedance. Curtailment of production from the fresh zone water wells is required when exceedances have occurred for two or more consecutive reporting periods, i.e., months. The average drawdown observed for September, October, and November 2020 at the East Lower Fresh Monitoring Well (FMW-3) have exceeded 10 feet. The reference water level for the East Lower Fresh Monitoring Well (FMW-3) is 48.3 feet.

Below is a summary of groundwater production and average drawdown values for fresh zone monitoring wells.

| Report Period | Well Field Product-ion | Brackish Water Product-ion | Fresh Water Product-ion | Product-ion from IW-1 | Product-ion from IW-2 | Product-ion from IW-3 | Avg. Drawdown at FMW-1 | Avg. Drawdown at FMW-2 | Avg. Drawdown at FMW-3 |
|---|---|---|---|---|---|---|---|---|---|
| August 2020 | 149.9 AF | 141.6 AF | 8.4 AF | 6.7 AF | 1.7 AF | 0.0 AF | 45.3 ' | 47.9 ' | 53.4 ' |
| September 2020 | 127.3 AF | 102.0 AF | 25.3 AF | 14.3 AF | 11.0 AF | - | 48.8 ' | 52.2 ' | 59.5 ' |
| October 2020 | 210.2 AF | 210.2 AF | 0.0 AF | 0.0 AF | 0.0 AF | - | 49.0 ' | 52.1 ' | 59.4 ' |
| November 2020 | 185.0 AF | 175.0 AF | 10.0 AF | 0.0 AF | 10.0 AF | - | 49.9 ' | 53.8 ' | 61.9 ' |

Waiver WV-20191219-01 includes the following provision: *"The General Manager may waive or reduce the performance responses described in this section if the Permitted Entity makes a scientifically-credible showing that the exceedance was caused by conditions outside the Permitted Entity's reasonable control, including force majeure."*

On December 10, 2020, Ekstrom Aquaculture submitted a report developed by Mr. Lee Wilson to support their request for the District for forbearance of curtailment of groundwater production from wells of the fresh groundwater zone and requested the scheduling of a special meeting of the Board of Directors to consider the forbearance request. The report includes appendices of Mr. Wilson's resume and a summary of expert testimony provided by Mr. Wilson.

On December 10, 2020, the District forwarded the report developed by Mr. Lee Wilson to Dr. Uddameri and requested a proposal for the review of the report. Dr. Uddameri has been asked to *"review the report and determine if the conclusions expressed in the report are scientifically credible and supportive of any forbearance on the District's part."* Subsequently, Dr. Uddameri confirmed his intention to complete his review by the end of the year.

Dr. Uddameri presented his review of the report developed by Mr. Lee Wilson and concluded that report did not represent a scientifically-credible showing that the exceedances were caused by conditions outside of Ekstrom's reasonable control.

Board Action: None.

4. Adjourn.

# Texana Groundwater Conservation District

411 N. Wells, Room 118, Edna, Texas 77957
P.O. Box 1098, Edna, Texas 77957
Phone (361) 781-0624 | Fax (361) 781-0453 | www.texanagcd.org


Board Action: Mr. Dugger moved to adjourn the meeting at 10:51 AM. Mr. Gendke seconded the motion. Motion passed unanimously.

The above and foregoing minutes were read and approved on this the 15th day of April, 2021.

ATTEST:

District Director

District Director

# Texana Groundwater Conservation District

411 N. Wells, Room 118, Edna, Texas 77957
P.O. Box 1098, Edna, Texas 77957
Phone (361) 781-0624 | Fax (361) 781-0453 | www.texanagcd.org

The meeting of the Texana Groundwater Conservation District Board of Directors convened on January 21, 2021 at 8:30 AM at 411 N. Wells, Edna, Texas.

The following representatives of Texana Groundwater Conservation District attended the meeting:

| | | |
|---|---|---|
| Precinct 1: | Kenneth Koop | Absent |
| Precinct 2: | Michael Skalicky | Present |
| Precinct 3: | Robert Martin | Present |
| Precinct 4: | Fredrick Woodland | Present |
| At Large: | Jim Revel | Present |
| At Large: | Johnny Dugger | Absent |
| At Large: | Robert Gendke, Jr. | Present |
| General Manager: | Tim Andruss | Present |
| Legal Counsel: | Jim Allison of Allison, Bass & Magee, LLP | Present |

**Agenda Item 1: Call the meeting to order and welcome guests.**

Discussion: Mr. Revel called the meeting to order at approximately 8:49 AM.

Board Action: None.

**Agenda Item 2: Receive public comments.**

Discussion: None.

Board Action: None.

**Agenda Item 3: Consideration and possible action on matters related to a request for forbearance regarding groundwater production curtailment from water wells of the Ekstrom Aquaculture Well Field in accordance with waiver WV-20191219-01.**

3.1 - Ekstrom Forbearance Request

Discussion: Mr. Andruss explained that on January 8, 2021, Mr. Ekstrom provided a response to Dr. Uddameri's review of the technical report developed by Dr. Wilson. The response was forwarded to Dr. Uddameri for review. In the same message, Mr. Ekstrom requested reconsideration of the forbearance request, and a new request for forbearance based on animal welfare and the consideration of the "ethical question of imposing preventable suffering and death to our animals, and instead allow us to pump the necessary volume to respond appropriately to any crisis that occurs during the current curtailment period(s)."

On January 11, 2021, the District responded to Mr. Ekstrom's message requesting clarification of "the specific provision under Chapter 36 of the Texas Water Code, the Rules of the District, or related permits and waivers you believe support the new requests and provide additional details about each request including the volume of production you are requesting to be authorized, the period of time for which you are requesting the adjustment, the circumstances under which the

adjusted production would be used, and the purpose of use of the produced groundwater (e.g., emergency fish pond maintenance, pumping drawdown test)."

On January 20, 2021, Mr. Ekstrom notified the District that his technical consultant and legal counsel intended to make a presentation to the Board via virtual meeting applications or telephone.

On January 20,2021, Dr. Uddameri notified the District, via a phone call, that he had reviewed Dr. Wilson's response to his review and the response did not present any new evidence that altered his previous conclusions.

Mr. Jacobs and Dr. Wilson participated in the meeting via telephonic connections.

At 11:24 AM, Mr. Martin moved to go into closed session for legal consultation. Mr. Woodland seconded the motion. Motion passed unanimously.

At 11:58 AM, Mr. Revel moved to open session. Mr. Skalicky seconded the motion. Motion passed unanimously.

Board Action: Mr. Revel moved to instruct the General Manager to withhold any enforcement action against Ekstrom Aquaculture for production from IW-1, IW-2, and IW-3 within permitted volumes until March 31, 2021 and continue to accumulate information on the effect of groundwater production, both within and without the Ekstrom permitted wells, and report to the board on or before March 31, 2021. Mr. Skalicky seconded the motion. Motion passed unanimously.

**Agenda Item 4: Consideration of and possible action on matters related to groundwater management including the efforts and activities of the District regarding permitting as well as complaints, investigations, and enforcement cases associated with permitting.**

4.1 - Report regarding Groundwater Management

Discussion: Mr. Andruss explained that the District has initiated 45 permitting request cases (PRCs) since October 1, 2020.

As of January 20, 2021, the following permitting matters remain unresolved with the District:

A. Administratively Incomplete Permitting Applications requiring coordination with Applicant:
TGCD - GMa - PR - Drilling Permit Requests - ADW-20200720-04 - Otto C. Stanford - Administratively Incomplete
TGCD - GMa - PR - Drilling Permit Requests - ADW-20200730-03 - Kemp Properties, LP - Administratively Incomplete
TGCD - GMa - PR - Production Permit Requests - AOW-20200519-01 - Carl Swenson - Administratively Incomplete
TGCD - GMa - PR - Production Permit Requests - AOW-20200709-06 - Edwin Juranek - Administratively Incomplete

TGCD - GMa - PR - Production Permit Requests - AOW-20200730-04 - Kemp Properties, LP - Administratively Incomplete
TGCD - GMa - PR - Production Permit Requests - AOW-20200923-03 - Charley W. Koop - Administratively Incomplete
TGCD - GMa - PR - Production Permit Requests - AOW-20200923-04 - High Cotton Land Complany, LLC - Administratively Incomplete
TGCD - GMa - PR - Production Permit Requests - AOW-20200928-01 - B'Mann Farms, LLC - Administratively Incomplete
TGCD - GMa - PR - Production Permit Requests - AVW-20190128-01 - Mark Kallus - Status: Administratively Incomplete
TGCD - GMa - PR - Registration Requests - ARW-20190128-03 - Mark Kallus - Status: Administratively Incomplete
TGCD - GMa - PR - Registration Requests - ARW-20200709-02 - Edwin Juranek - WELLLOGID - Administratively Incomplete
B. Permitting Applications considered Dormant:
TGCD - GMa - PR - Production Permit Requests - AONW-20120123-01 - Formosa Plastics (Aggregate Production Application) - Administratively Incomplete
TGCD - GMa - PR - Production Permit Requests - AONW-20120123-02 - Formosa Plastics (Well 3) - Administratively Incomplete
TGCD - GMa - PR - Production Permit Requests - AONW-20120123-03 - Formosa Plastics (Well 7) - Administratively Incomplete
TGCD - GMa - PR - Production Permit Requests - AONW-20120123-04 - Formosa Plastics (Well 8) - Administratively Incomplete
TGCD - GMa - PR - Production Permit Requests - AONW-20120123-05 - Formosa Plastics (Well 10) - Administratively Incomplete
TGCD - GMa - PR - Production Permit Requests - AONW-20120123-06 - Formosa Plastics (Well 11) - Administratively Incomplete
TGCD - GMa - PR - Production Permit Requests - AONW-20120123-07 - Formosa Plastics (Well 12) - Administratively Incomplete
TGCD - GMa - PR - Production Permit Requests - AONW-20120123-08 - Formosa Plastics (Well 13) - Administratively Incomplete
TGCD - GMa - PR - Production Permit Requests - AONW-20120123-09 - Formosa Plastics (Well 14) - Administratively Incomplete
TGCD - GMa - PR - Production Permit Requests - AONW-20120123-10 - Formosa Plastics (Well 16) - Administratively Incomplete
TGCD - GMa - PR - Production Permit Requests - AONW-20120123-11 - Formosa Plastics (Well 17) - Administratively Incomplete
TGCD - GMa - PR - Production Permit Requests - AOW-20190128-02 - Mark Kallus - Status: Administratively Incomplete
TGCD - GMa - PR - Registration Requests - ARGNW-20120123-01 - Formosa Plastics (Well 3) - Administratively Incomplete
TGCD - GMa - PR - Registration Requests - ARGNW-20120123-02 - Formosa Plastics (Well 7) - Administratively Incomplete
TGCD - GMa - PR - Registration Requests - ARGNW-20120123-03 - Formosa Plastics (Well 8) - Administratively Incomplete
TGCD - GMa - PR - Registration Requests - ARGNW-20120123-04 - Formosa Plastics (Well 10) - Administratively Incomplete

TGCD - GMa - PR - Registration Requests - ARGNW-20120123-05 - Formosa Plastics (Well 11) - Administratively Incomplete
TGCD - GMa - PR - Registration Requests - ARGNW-20120123-06 - Formosa Plastics (Well 12) - Administratively Incomplete
TGCD - GMa - PR - Registration Requests - ARGNW-20120123-07 - Formosa Plastics (Well 13) - Administratively Incomplete
TGCD - GMa - PR - Registration Requests - ARGNW-20120123-08 - Formosa Plastics (Well 14) - Administratively Incomplete
TGCD - GMa - PR - Registration Requests - ARGNW-20120123-09 - Formosa Plastics (Well 16) - Administratively Incomplete
TGCD - GMa - PR - Registration Requests - ARGNW-20120123-10 - Formosa Plastics (Well 17) - Administratively Incomplete
TGCD - GMa - PR - Transport Permit Requests - ATW-20120123-01 - Formosa Plastics - Administratively Incomplete
C. Permitting Cases being reviewed for consistency with the Rules of the District:
TGCD - GMa - Pe - Permitting Request Cases - PRC-20200717-01 - ARW-20200709-02/AOW-20200709-06 - Edwin Juranek - Pending
TGCD - GMa - Pe - Permitting Request Cases - PRC-20200717-02 - ARPP-20200716-02 - Vanderbilt Farmers Co-op, Inc - Pending
TGCD - GMa - Pe - Permitting Request Cases - PRC-20200928-02 - AOW-20200923-03 - Charley W. Koop - Pending
TGCD - GMa - Pe - Permitting Request Cases - PRC-20200928-03 - AOW-20200923-04 - High Cotton Land Complany, LLC - Pending
TGCD - GMa - Pe - Permitting Request Cases - PRC-20200928-04 - AOW-20200928-01 - B'Mann Farms, LLC - Pending
TGCD - GMa - Pe - Permitting Request Cases - PRC-20201103-02 - ADW-20201028-01/AOW-20201028-02 - Ms Henke Family Limted Partnership - Pending
TGCD - GMa - PR - Amend Permit or Certificate Requests - AAPC-20200127-13 - Laddie Lee Krenek - VPW-20150520-01/GW-00382 - Administratively Incomplete
TGCD - GMa - PR - Dormant Well Designation Requests - ADWD-20200303-02 - Lee Hafernick - Administratively Complete
D. Permitting Cases awaiting public comment or consideration by the Board of Directors:
TGCD - GMa - Pe - Permitting Request Cases - PRC-20200928-01 - AOW-20200923-01 - Dugger Family Limited Partnership - Pending
TGCD - GMa - Pe - Permitting Request Cases - PRC-20201029-01 - AOW-20201012-01 - Russell K. Ring - Pending
TGCD - GMa - Pe - Permitting Request Cases - PRC-20201103-01 - ARW-20201020-02/AVW-20201020-03 - HMC Land Trust - Pending
TGCD - GMa - Pe - Permitting Request Cases - PRC-20201202-02 - AOW-20201202-01 - M.S. Henke Family Limited Partnership - Pending
TGCD - GMa - Pe - Permitting Request Cases - PRC-20201207-01 - AOW-20201008-01/02/03/04/05 - Robert McCurdy, II - Pending
TGCD - GMa - Pe - Permitting Request Cases - PRC-20201228-01 - AOW-20201228-01 - Wraxall Holdings, LP - Pending
E. Permitting Cases awaiting final completion and close-out:
TGCD - GMa - Pe - Permitting Request Cases - PRC-20200928-01 - AOW-20200923-01 - Dugger Family Limited Partnership - Pending

TGCD - GMa - Pe - Permitting Request Cases - PRC-20201029-01 - AOW-20201012-01 - Russell K. Ring - Pending
TGCD - GMa - Pe - Permitting Request Cases - PRC-20201103-01 - ARW-20201020-02/AVW-20201020-03 - HMC Land Trust - Pending
TGCD - GMa - Pe - Permitting Request Cases - PRC-20201202-02 - AOW-20201202-01 - M.S. Henke Family Limited Partnership - Pending
TGCD - GMa - Pe - Permitting Request Cases - PRC-20201207-01 - AOW-20201008-01/02/03/04/05 - Robert McCurdy, II - Pending
TGCD - GMa - Pe - Permitting Request Cases - PRC-20201228-01 - AOW-20201228-01 - Wraxall Holdings, LP - Pending
TGCD - GMa - Pe - Permitting Request Cases - PRC-20201230-01 - ADW-20201214-01 - LNRA - Pending
TGCD - GMa - Pe - Permitting Request Cases - PRC-20170213-01 - Hearing Date: - Roen LLC - Closed
TGCD - GMa - Pe - Permitting Request Cases - PRC-20170801-01 - Hearing Date: - Gideon Baptist Church - Closed
TGCD - GMa - Pe - Permitting Request Cases - PRC-20180514-03 - ADW-20180514-01/AOW-20180514-02 - Russell Johnson - Complete
TGCD - GMa - Pe - Permitting Request Cases - PRC-20181009-06 - ADW-20181009-01/AOW-20181009-03 - Larry Ellis - Status: Approved
TGCD - GMa - Pe - Permitting Request Cases - PRC-20181009-07 - ADW-20181009-02/AOW-20181009-04 - Larry Ellis - Status: Approved
TGCD - GMa - Pe - Permitting Request Cases - PRC-20190304-03 Part C - AWV, ADWs, AOWF - Ekstrom Aquaculture, LLC - Status: Pending
TGCD - GMa - Pe - Permitting Request Cases - PRC-20191101-01 - ADW-20191001-01 /AOW-20191007-01 - Brock Family Partnership - Pending
TGCD - GMa - Pe - Permitting Request Cases - PRC-20191106-02 - ADW-20191106-02/AOW-20191106-03 - Morales Baptist Church - Pending
TGCD - GMa - Pe - Permitting Request Cases - PRC-20200108-01 - ADW-20200108-01/AOW-20200108-02 - LNRA - Pending
TGCD - GMa - Pe - Permitting Request Cases - PRC-20200504-01 - ADW-20200427-01/AOW-20200427-02 - Almetta S. Clark - Pending
F. Permits awaiting final execution
TGCD - GMa - Pe - Production Permits - OPW-20160414-01 - Ernest F. Roth - Approved/Unexecuted
TGCD - GMa - Pe - Production Permits - OPW-20160525-02 - Dorothy Jacobs Koop Life Estate by Charley W. Koop - Active
TGCD - GMa - Pe - Production Permits - OPW-20170306-02 - ROEN, LLC - Approved/Unexecuted
TGCD - GMa - Pe - Production Permits - OPW-20170825-02 - Gideon Baptist Church - Draft
TGCD - GMa - Pe - Production Permits - OPW-20180618-01 - Russell Johnson - Approved/Unexecuted
TGCD - GMa - Pe - Production Permits - OPW-20190124-01 - L and S Land - Pending
TGCD - GMa - Pe - Production Permits - OPW-20190124-02 - Land S Land - Pending
TGCD - GMa - Pe - Production Permits - OPW-20190315-01 - Mirage Industrial Group, LLC - Approved/Unexecuted
TGCD - GMa - Pe - Production Permits - OPW-20191119-01 - Morales Baptist Church - Draft

TGCD - GMa - Pe - Production Permits - OPW-20191121-01 - Brock Family Partnership, LTD - Draft
TGCD - GMa - Pe - Production Permits - OPW-20200220-01 - Lavaca Navidad River Authority - Draft
TGCD - GMa - Pe - Production Permits - OPW-20200225-02 - Double B Energy, LLC - Draft
TGCD - GMa - Pe - Production Permits - OPW-20200520-01 - Almetta S. Clark - Draft
TGCD - GMa - Pe - Production Permits - OPW-20200817-02 - Shaun J. Garza - Approved/Unexecuted
TGCD - GMa - Pe - Production Permits - PPA-20200107-01 - Carlon Budd - Approved/Unexecuted
TGCD - GMa - Pe - Production Permits - PPA-20200107-02 - Kemp Properties, LP - Approved/ Unexecuted
TGCD - GMa - Pe - Production Permits - PPA-20200113-01 - Todish Farms - Approved/Unexecuted
TGCD - GMa - Pe - Production Permits - VPW-20150917-02 - Elizabeth C. Rogers - Approved/Unexecuted
TGCD - GMa - Pe - Production Permits - VPW-20150917-05 - Mauritz Rogers - Approved/Unexecuted
TGCD - GMa - Pe - Production Permits - VPW-20150917-07 - Elizabeth C. Rogers - Approved/Unexecuted
TGCD - GMa - Pe - Production Permits - VPW-20181025-01 - Formosa Plastics Corporation, Texas - Draft
TGCD - GMa - Pe - Production Permits - VPW-20181025-03 - Formosa Plastics Corporation, Texas - Draft
TGCD - GMa - Pe - Production Permits - VPW-20190808-01 - Dorothy M. Morton - Approved/Unexecuted
G. The District has the following investigations open related to Groundwater Management:
TGCD - GMa - CIE - Investigations - INV-20141015-01 - Failure to Obtain Permit - Non-Exempt Uses from Non-Grandfathered Well - Active
TGCD - GMa - CIE - Investigations - INV-20150410-01 - Failure to Obtain Permit - Non-Exempt Uses from Non-Grandfathered Well - Active
TGCD - GMa - CIE - Investigations - INV-20160525-02 - Failure to Obtain Permit - Non-Exempt Uses from Non-Grandfathered Well - Active
TGCD - GMa - CIE - Investigations - INV-20180302-01 - Failure to Obtain Permit - Well Drilling - Active
TGCD - GMa - CIE - Investigations - INV-20190926-01 - Failure to Obtain Permit - Well Drilling - Active
TGCD - GMa - CIE - Investigations - INV-20200522.1355 - Failure to Obtain Permit - Non-Exempt Uses from a Non-Grandfathered Well - Active
TGCD - GMa - CIE - Investigations - INV-20200911.0917 - Failure to Obtain Permit - Well Drilling - Active
TGCD - GMa - CIE - Investigations - INV-20160225.0800 - Failure to Register a Non-Grandfathered or Replacement Water Well - Active
TGCD - GMa - CIE - Investigations - INV-20160225.0900 - Failure to Register a Non-Grandfathered or Replacement Water Well - Active
TGCD - GMa - CIE - Investigations - INV-20160330.0800 - Failure to Register a Non-Grandfathered or Replacement Water Well - Active

TGCD - GMa - CIE - Investigations - INV-20160405.0800 - Failure to Register a Non-Grandfathered or Replacement Water Well - Active
TGCD - GMa - CIE - Investigations - INV-20160411.0100 - Failure to Register a Non-Grandfathered or Replacement Water Well - Active
TGCD - GMa - CIE - Investigations - INV-20160411.1200 - Failure to Register a Non-Grandfathered or Replacement Water Well - Active
TGCD - GMa - CIE - Investigations - INV-20160425.0800 - Failure to Register a Non-Grandfathered or Replacement Water Well - Active
TGCD - GMa - CIE - Investigations - INV-20160503.1000 - Failure to Register a Non-Grandfathered or Replacement Water Well - Active
TGCD - GMa - CIE - Investigations - INV-20160516.0200 - Failure to Register a Non-Grandfathered or Replacement Water Well - Active
TGCD - GMa - CIE - Investigations - INV-20160613.1000 - Failure to Register a Non-Grandfathered or Replacement Water Well - Active
TGCD - GMa - CIE - Investigations - INV-20160718.1100 - Failure to Register a Non-Grandfathered or Replacement Water Well - Active
TGCD - GMa - CIE - Investigations - INV-20160811.0100 - Failure to Register a Non-Grandfathered or Replacement Water Well - Active
TGCD - GMa - CIE - Investigations - INV-20160811.0400 - Failure to Register a Non-Grandfathered or Replacement Water Well - Active
TGCD - GMa - CIE - Investigations - INV-20160822.0900 - Failure to Register a Non-Grandfathered or Replacement Water Well - Active
TGCD - GMa - CIE - Investigations - INV-20161013.0800 - Failure to Register a Non-Grandfathered or Replacement Water Well - Active
TGCD - GMa - CIE - Investigations - INV-20170418.0800 - Failure to Register a Non-Grandfathered or Replacement Water Well - Active
TGCD - GMa - CIE - Investigations - INV-20170526.0800 - Failure to Register a Non-Grandfathered or Replacement Water Well - Active
TGCD - GMa - CIE - Investigations - INV-20180713.0900 - Failure to Register a Non-Grandfathered or Replacement Water Well - Active
TGCD - GMa - CIE - Investigations - INV-20180926.0800 - Failure to Register a Non-Grandfathered or Replacement Water Well - Active
TGCD - GMa - CIE - Investigations - INV-20181218.0900 - Failure to Register a Non-Grandfathered or Replacement Water Well - Active
TGCD - GMa - CIE - Investigations - INV-20181218.1000 - Failure to Register a Non-Grandfathered or Replacement Water Well - Active
TGCD - GMa - CIE - Investigations - INV-20160711-01 - Failure to Satisfy Permit Condition or Rule - Drilling of Water Well without Proper License - Active
TGCD - GMa - CIE - Investigations - INV-20160712-01 - Failure to Satisfy Permit Condition or Rule - Drilling of Water Well without Proper License - Active
TGCD - GMa - CIE - Investigations - INV-20170118-01 - Failure to Satisfy Permit Condition or Rule - Well Located Outside of Authorized Drilling Area - Active
TGCD - GMa - CIE - Investigations - INV-20170208-01 - Failure to Satisfy Permit Condition or Rule - Well Located Outside of Authorized Drilling Area - Active
TGCD - GMa - CIE - Investigations - INV-20170214-02 - Failure to Satisfy Permit Condition or Rule - Well Located Outside of Authorized Drilling Area - Active

TGCD - GMa - CIE - Investigations - INV-20161228-01 - Failure to Submit an Accurate Well Log - Well Location - Active
TGCD - GMa - CIE - Investigations - INV-20161228-02 - Failure to Submit an Accurate Well Log - Well Location - Active
TGCD - GMa - CIE - Investigations - INV-20170525-01 - Failure to Submit an Accurate Well Log - Annular Seal Data - Active
TGCD - GMa - CIE - Investigations - INV-20170526-01a - Failure to Submit an Accurate Well Log - Annular Seal Data - Active
TGCD - GMa - CIE - Investigations - INV-20171121-01 - Failure to Submit an Accurate Well Log - Well Location - Active
TGCD - GMa - CIE - Investigations - INV-20171122-02 - Failure to Submit an Accurate Well Log - Well Location - Active
TGCD - GMa - CIE - Investigations - INV-20171122-03 - Failure to Submit an Accurate Well Log - Well Location - Active
TGCD - GMa - CIE - Investigations - INV-20171122-04 - Failure to Submit an Accurate Well Log - Well Location and Annular Seal Data - Active
TGCD - GMa - CIE - Investigations - INV-20171122-05 - Failure to Submit an Accurate Well Log - Well Location - Active
TGCD - GMa - CIE - Investigations - INV-20171122-06 - Failure to Submit an Accurate Well Log - Well Location and Annular Seal Data - Active
TGCD - GMa - CIE - Investigations - INV-20171122-07 - Failure to Submit an Accurate Well Log - Well Location and Annular Seal Data - Active
TGCD - GMa - CIE - Investigations - INV-20171122-08 - Failure to Submit an Accurate Well Log - Well Location - Active
TGCD - GMa - CIE - Investigations - INV-20171122-09 - Failure to Submit an Accurate Well Log - Well Location - Active
TGCD - GMa - CIE - Investigations - INV-20171122-10 - Failure to Submit an Accurate Well Log - Well location - Active
TGCD - GMa - CIE - Investigations - INV-20171122-11a - Failure to Submit an Accurate Well Log - Annular Seal Data - Active
TGCD - GMa - CIE - Investigations - INV-20180125-01 - Failure to Submit an Accurate Well Log - Annular Seal Data - Active
TGCD - GMa - CIE - Investigations - INV-20180125-02 - Failure to Submit an Accurate Well Log - Annular Seal Data - Active
TGCD - GMa - CIE - Investigations - INV-20180427-01 - Failure to Submit an Accurate Well Log - Annular Seal Data - Active
TGCD - GMa - CIE - Investigations - INV-20180601-01 - Failure to Submit an Accurate Well Log - Annular Seal Data - Active
TGCD - GMa - CIE - Investigations - INV-20180718-02 - Failure to Submit an Accurate Well Log - Annular Seal Data and Screen Data - Active
TGCD - GMa - CIE - Investigations - INV-20180719-01 - Failure to Submit an Accurate Well Log - Annular Seal Data and Screen Data - Active
TGCD - GMa - CIE - Investigations - INV-20180808-01 - Failure to Submit an Accurate Well Log - Annular Seal Data and Screen Data - Active
TGCD - GMa - CIE - Investigations - INV-20181005-01 - Failure to Submit an Accurate Well Log - Annular Seal Data and Screen Data - Active

TGCD - GMa - CIE - Investigations - INV-20181017-01 - Failure to Submit an Accurate Well Log - Annular Seal Data - Active
TGCD - GMa - CIE - Investigations - INV-20181017-02 - Failure to Submit an Accurate Well Log - Annular Seal Data and Screen Data - Active
TGCD - GMa - CIE - Investigations - INV-20181017-03 - Failure to Submit an Accurate Well Log - Annular Seal Data and Screen Data - Active
TGCD - GMa - CIE - Investigations - INV-20181218-01 - Failure to Submit an Accurate Well Log - Well Location - Active
TGCD - GMa - CIE - Investigations - INV-20190522-01 - Failure to Submit an Accurate Well Log - Well Location - Active
On January 20, 2021, the District closed the following investigations without a finding that related violation(s) persist:
TGCD - GMa - CIE - Investigations - INV-20160212.0800 - Failure to Register a Non-Grandfathered or Replacement Water Well - Closed
TGCD - GMa - CIE - Investigations - INV-20160405.0900 - Failure to Register a Non-Grandfathered or Replacement Water Well - Closed
TGCD - GMa - CIE - Investigations - INV-20160411.1000 - Failure to Register a Non-Grandfathered or Replacement Water Well - Closed
TGCD - GMa - CIE - Investigations - INV-20160513.0100 - Failure to Register a Non-Grandfathered or Replacement Water Well - Closed
TGCD - GMa - CIE - Investigations - INV-20160520.0800 - Failure to Register a Non-Grandfathered or Replacement Water Well - Closed
TGCD - GMa - CIE - Investigations - INV-20160613.1100 - Failure to Register a Non-Grandfathered or Replacement Water Well - Closed
TGCD - GMa - CIE - Investigations - INV-20160630.0800 - Failure to Register a Non-Grandfathered or Replacement Water Well - Closed
TGCD - GMa - CIE - Investigations - INV-20161228.0900 - Failure to Register a Non-Grandfathered or Replacement Water Well - Closed
TGCD - GMa - CIE - Investigations - INV-20161228.1000 - Failure to Register a Non-Grandfathered or Replacement Water Well - Closed
TGCD - GMa - CIE - Investigations - INV-20161228.1200 - Failure to Register a Non-Grandfathered or Replacement Water Well - Closed
TGCD - GMa - CIE - Investigations - INV-20170201.0800 - Failure to Register a Non-Grandfathered or Replacement Water Well - Closed
TGCD - GMa - CIE - Investigations - INV-20170626.0800 - Failure to Register a Non-Grandfathered or Replacement Water Well - Closed
TGCD - GMa - CIE - Investigations - INV-20180112.1257 - Failure to Submit an Accurate Well Log - Annular Seal Data - Closed
TGCD - GMa - CIE - Investigations - INV-20190923.0900 - Failure to Register a Non-Grandfathered or Replacement Water Well - Closed
Board Action: None.

4.4.a - Permitting Request Case - PRC-20200928-01 – DFLP

Discussion: Mr. Andruss explained that Mr. Johnny Dugger for Dugger Family Limited Partnership seeks, under permitting request case PRC-20200928-01, a production permit authorizing production of groundwater for construction and agriculture uses at rates not to exceed

90 gallons per minute or 145 acre-feet per year from well GW-00082. The subject well is located on a 1592-acre tract of land near the intersection of FM 1593 and Highway 35 in Jackson County, Texas.

The applications and supplemental information associated with this permitting request case are considered administratively complete and contain sufficient information evaluate the request relative to the Rules of the District. Provided the resulting permit is properly conditioned, the operation of the existing well would satisfy the requirements as established within the Rules of the District without a waiver or variance.

On January 5, 2021, the public notice related to the consideration of the permit case was completed.

As of January 20, 2021, the District had not received notice of intent to contest the permitting request.

Board Action: Mr. Martin moved to 1) cancel the permit hearing and proceed with the permitting case as an uncontested matter; 2) issue a production permit to Dugger Family Limited Partnership under application AOW-20200928-01 with the following conditions in accordance with the Rules of the District: Authorized Purpose of Use: construction and agriculture uses; Authorized Maximum Rate of Production per Minute: 90 gallons per minute; Authorized Maximum Rate of Production per Year: 145 acre-feet per year; and Expiration Date: July 31, 2025. Mr. Gendke seconded the motion. The motion passed unanimously.

4.4.b - Permitting Request Case - PRC-20201029-01 - R. Ring

Discussion: Mr. Andruss explained that Mr. Russell K. Ring seeks, under permitting request case PRC-20201029-01, a production permit authorizing production of groundwater for domestic, livestock, fire protection, and pasture irrigation uses at rates not to exceed 150 gallons per minute or 190 acre-feet per year from well NW-00273. The subject well is located on a 384-acre tract of land near the intersection of County Road 284 and County Road 401 in Jackson County, Texas.

The applications and supplemental information associated with this permitting request case are considered administratively complete and contain sufficient information evaluate the request relative to the Rules of the District. Provided the resulting permit is properly conditioned, the operation of the existing well would satisfy the requirements as established within the Rules of the District without a waiver or variance.

On January 5, 2021, the public notice related to the consideration of the permit case was completed.

As of January 20, 2021, the District had not received notice of intent to contest the permitting request.

Management Recommendation: Mr. Martin moved to 1) cancel the permit hearing and proceed with the permitting case as an uncontested matter; 2) issue a production permit to Mr. Ring under application AOW-20201012-01 with the following conditions in accordance with the Rules of the

District: Authorized Purpose of Use: domestic, livestock, fire protection, and pasture irrigation uses; Authorized Maximum Rate of Production per Minute: 150 gallons per minute; Authorized Maximum Rate of Production per Year: 190 acre-feet per year; and Expiration Date: July 31, 2025. Mr. Woodland seconded the motion. The motion passed unanimously.

4.4.c - Permitting Request Case - PRC-20201207-01 - R McCurdy

Discussion: Mr. Andruss explained that Mr. Robert McCurdy seeks, under permitting request case PRC-20201207-01, five production permits authorizing production of groundwater for irrigation and wildlife uses at rates not to exceed 100 gallons per minute or 49.8 acre-feet per year per well from wells NW-00150, NW-00151, NW-00152, NW-00153, and NW-00154. The subject wells are located on a 498.51-acre tract of land near the intersection of County Road 127 and FM 822 in Jackson County, Texas.

The applications and supplemental information associated with this permitting request case are considered administratively complete and contain sufficient information evaluate the request relative to the Rules of the District. Provided the resulting permits are properly conditioned, the operation of the existing wells would satisfy the requirements as established within the Rules of the District without a waiver or variance.

On January 5, 2021, the public notice related to the consideration of the permit case was completed.

As of January 20, 2021, the District had not received notice of intent to contest the permitting request.

Board Action: Mr. Martin moved to 1) cancel the permit hearing and proceed with the permitting case as an uncontested matter; 2) issue five production permit to Mr. McCurdy under application AOW-20201008-01 with the following conditions in accordance with the Rules of the District: Authorized Purpose of Use: irrigation and wildlife uses; Authorized Maximum Rate of Production per Minute: 100 gallons per minute; Authorized Maximum Rate of Production per Year: 49.8 acre-feet per year; and
Expiration Date: July 31, 2025. Mr. Gendke seconded the motion. The motion passed.

4.4.d - Permitting Request Case - PRC-20201103-01 – HMC

Discussion: Mr. Andruss explained that Ms. Carol Drushel Arter for HMC Land Trust seeks, under permitting request case PRC-20201103-01, a historic use production permit authorizing production of groundwater for golf course irrigation at rates not to exceed 50 gallons per minute or 8.61 acre-feet per year from grandfathered well GW-00558. The subject well is be located on an 85-acre tract of land near the intersection of County Road 301 and County Road 3011 in Jackson County, Texas.

The applications and supplemental information associated with this permitting request case are considered administratively complete and contain sufficient information evaluate the request relative to the Rules of the District. Provided the resulting permit is properly conditioned, the

operation of the existing well would satisfy the requirements as established within the Rules of the District without a waiver or variance.

The application identifies year 1953 as the validation year and provides a estimation of the volume produced based on operating the well at 50 GPM for 4 hours for 4.5 days per week for 52 weeks a year, totaling 2,808,000 gallons per year or 8.167 acre-feet per year. The application is supported by an affidavit from Carol Drushel Arter.

On January 5, 2021, the public notice related to the consideration of the permit case was completed.

As of January 20, 2021, the District had not received notice of intent to contest the permitting request.

Board Action: Mr. Gendke moved to 1) cancel the permit hearing and proceed with the permitting case as an uncontested matter; and 2) authorize the general manager to issue a historic use permit to HMC Land Trust under application AVW-20201020-03 for well GW-00558 authorizing the production of 8.61 acre-feet of groundwater per year for irrigation uses. Mr. Martin seconded the motion. The motion passed unanimously.

4.4.e - Permitting Request Case - PRC-20201202-01 - M.S. Henke Family Limited Partnership

Discussion: Mr. Andruss explained that Mr. Ross Russell for M.S. Henke Family Limited Partnership seeks, under permitting request case PRC-20201202-01, a production permit authorizing the production of groundwater for agriculture, livestock, and wildlife conservation and management purposes at rates not to exceed 350 gallons per minute or 100 acre-feet per year. The well drilled under permit DP-20201118-012 is located on a 1100-acre tract of land near the intersection of County Road 476 and FM 3280 in Jackson County, Texas.

The applications and supplemental information associated with this permitting request case are considered administratively complete and contain sufficient information evaluate the request relative to the Rules of the District. Provided the resulting permit is properly conditioned, the operation of the existing well would satisfy the requirements as established within the Rules of the District without a waiver or variance.

On January 5, 2021, the public notice related to the consideration of the permit case was completed.

As of January 20, 2021, the District had not received notice of intent to contest the permitting request.

Board Action: Mr. Gendke moved to 1) cancel the permit hearing and proceed with the permitting case as an uncontested matter; 2) issue a production permit to M.S. Henke Family Limited Partnership under application AOW-20201202-01 with the following conditions in accordance with the Rules of the District: Authorized Purpose of Use: agriculture, livestock, and wildlife conservation and management uses;
Authorized Maximum Rate of Production per Minute: 350 gallons per minute;

Authorized Maximum Rate of Production per Year: 100 acre-feet per year; and
Expiration Date: July 31, 2025. Mr. Woodland seconded the motion. The motion passed unanimously.

4.4.f - Permitting Request Case - PRC-20201228-01 - Wraxall Holdings, LP

Discussion: Mr. Andruss explained that Mr. James H. Long, Manager of Draycott Management LLC, General Partner of Wraxall Holdings, LP seeks, under permitting request case PRC-20201228-01, a production permit authorizing the production of groundwater for irrigation and agriculture uses at rates not to exceed 499 gallons per minute or 1,200 acre-feet per year. The production well will be located on a 2,450.72-acre tract of land near the intersection of CR 127 and FM 822 in Jackson County, Texas.

Mr. Long intends to rework an oil and gas well to plug the casing back to a depth of 900 feet below the surface which above the base of usable quality water as determined by the RRC (1,750 feet below the surface).

The applications and supplemental information associated with this permitting request case are considered administratively complete and contain sufficient information evaluate the request relative to the Rules of the District. Provided the resulting permit is properly conditioned, the operation of the proposed well would satisfy the requirements as established within the Rules of the District without a waiver or variance.

On January 5, 2021, the public notice related to the consideration of the permit case was completed.

As of January 20, 2021, the District had not received notice of intent to contest the permitting request.

Board Action: Mr. Martin moved to 1) cancel the permit hearing and proceed with the permitting case as an uncontested matter; 2) issue a production permit to Wraxall Holdings, LP under application AOW-20201228-01 with the following conditions in accordance with the Rules of the District: Authorized Purpose of Use: irrigation and agriculture uses; Authorized Maximum Rate of Production per Minute: 499 gallons per minute; Authorized Maximum Rate of Production per Year: 1,200 acre-feet per year; and
Expiration Date: July 31, 2025, contingent upon plugging to 900' and notice of plugging to District. Mr. Woodland seconded the motion. The motion passed unanimously.

4.5 - Enforcement Case - ENC-20200505-01 - Edwin Juranek

Discussion: Mr. Andruss explained that on January 20, 2021, the District reviewed its records regarding enforcement case EC-20200505-01. A CMRRR receipt for a request for supplemental information dated October 21, 2020 could not be located. The request will be resent via CMRRR.

Board Action: None.

**Agenda Item 5: Consideration of and possible action on matters related to groundwater protection including complaints, investigations, violations and enforcement cases.**

Discussion: None.

Board Action: None.

**Agenda Item 6: Consideration of and possible action on matters related to Groundwater Monitoring.**

6.1 - Report regarding Groundwater Level Analysis

Discussion: Mr. Andruss explained that on October 2, 2020, the District provided notice to Dr. Young of Intera to proceed with the geostatistics project as described in the proposal with a geographic scope of Victoria, Jackson, Calhoun, and Refugio Counties.

On January 18, 2021, Dr. Young provided a presentation of the certain results to be included in the final report related to the computed changes to water levels since year 2000. Slide 3 of the presentation illustrates the best estimate of water level change within Jackson County between Year 2000 and Year 2020. The slide illustrates positive change (recovery/rebound) of approximately 5 feet in water levels in the Chicot Aquifer, a negative change (drawdown/decline) of approximately 2.5 feet in the Evangeline Aquifer, and a positive change (recovery/rebound) of the Chicot and Evangeline Aquifers (combined) of approximately 2 feet which represents a reasonable assessment of water level change of the Gulf Coast Aquifer System within Jackson County.

The desired future conditions of Gulf Coast Aquifer System within GMA 15 is: drawdown shall not exceed 13 feet at December 2069.

The desired future conditions of Gulf Coast Aquifer System within Jackson County is: drawdown shall not exceed 15 feet at December 2069.

This information provided by Intera supports a conclusion that the District is fully complying with the desired future conditions of Gulf Coast Aquifer in Jackson County.

This information will be incorporated in the annual report for the District for fiscal year 2020 under Goal 7: Addressing the desired future conditions adopted by the district under Section 36.108; Objective G7O2: Analyze water level monitoring information to evaluate water level trends and determine the degree to which the DISTRICT is complying with the desired future conditions of Gulf Coast Aquifer in Refugio County.

Board Action: None.

6.2 - Drought Monitoring

Discussion: Mr. Andruss explained that the U.S. Drought Monitor, produced through a partnership between the National Drought Mitigation Center at the University of Nebraska-Lincoln, the United

States Department of Agriculture, and the National Oceanic and Atmospheric Administration, indicates that no portion of Jackson County was experiencing dry or drought conditions as of January 12, 2021.
Board Action: None.

**Agenda Item 7: Consideration of and possible action on matters related to Groundwater Conservation.**

Discussion: Mr. Andruss explained that the District has identified an objective within its management plan to "[p]romote conservation, rainwater harvesting or brush control within Jackson County." This objective has been achieved in previous years by developing news releases promoting conservation and participating in the annual South Texas Farm and Ranch Show. Due to complications created by the COVID 19 Pandemic and other operational issues, these approaches to achieving the the objective are either no longer available or advisable. Therefore, the District will develop and maintain a webpage focusing on promoting water conservation, rainwater harvesting or brush control as a means of achieving the stated objective the District.

Board Action: None.

**Agenda Item 8: Consideration of and possible action on matters related to groundwater resource planning including Groundwater Management Area 15 Joint Planning, DFC Proposals, and regional water planning.**

Discussion: Mr. Andruss explained that on December 29, 2020, the District requested that Dr. Uddameri develop and submit a letter with his presentation related to his review of the TWDB conceptual model for GMA 15 and 16 to TWDB.

The District participated in the Management Area 15 Meeting on January 14, 2021, at the Goliad County GCD Office. The committee is concluding the technical tasks associated with the 3rd DFC Development Cycle. Prior to the next meeting of the GMA 15 Committee, the District will consider options for proposing a DFC for GMA 15 based on the relevant technical information.

The District will participate in the Management Area 15 Meeting on April 8, 2021.

Board Action: None.

**Agenda Item 9: Consideration of and possible action on matters related to Groundwater Policy including the Management Plan of the District and the Rules of the District.**

9.1 - Report regarding Groundwater Policy

Discussion: Mr. Andruss explained that on January 12, 2021, Mr. Ellis provided the District with lists of bills filed for the 87th Legislature related to Chapter 36 of the Water Code, Local Government, Open Government, and Groundwater. The 87th Legislative Session began on January 12, 2021 and is scheduled to reconvene on January 26, 2021.

Board Action: None.

9.2 - Management Plan Adoption

Discussion: Mr. Andruss explained that on November 4, 2020, Mr. Allen with TWDB transmitted technical information regarding historical water use and the state water plan for use in the development of a revised management plan.

On November 18, 2020, Ms. Shearhart of TWDB transmitted GAM Run 20-006 to the District for use in the development of a revised management plan.

The current Management Plan of the District will expire on June 13, 2021. TWDB suggests that a revised plan should be adopted by March 15, 2021 and submitted to the Executive Administrator of TWDB by April 14, 2021.

The District will prepare a draft management plan revision and schedule it for hearing and consideration at the meeting of the Board scheduled for March 18, 2021.

Board Action: None.

**Agenda Item 10: Consideration of and possible action on matters related to Groundwater Research.**

Discussion: None.

Board Action: None.

**Agenda Item 11: Consideration of and possible action on matters related to performance management including management goals and objectives of the District.**

Discussion: None.

Board Action: None.

**Agenda Item 12: Consideration of and possible action on matters related to meeting management including minutes of previous meeting.**

12.1 - Report regarding Meeting Management
Discussion: Mr. Andruss explained that the next meeting of the Board of Directors is scheduled for March 18, 2021, at 8:30 AM.

Board Action: None.

12.2 - Minutes of Previous Meeting

Discussion: Mr. Andruss explained that the minutes for the meeting held on January 4, 2021, were sent the board members prior to the meeting.

Board Action: None.

**Agenda Item 13: Consideration of and possible action on matters related to financial management including the annual budget of the district, financial reports of the district, bills and invoices of the district.**

13.1 - Report on Financial Management

Discussion: Mr. Andruss explained that the financial records for December 2020 have been compiled, reviewed, and sent to the board members prior to the meeting. All accounts reconcile with internal records. All expenditures are related to business of the District and properly authorized.

Board Action: Mr. Skalicky moved to accept and approve the financial records for December 2020. Mr. Woodland seconded the motion. The motion passed unanimously.

13.2 - Financial Audit for FY2020

Discussion: Mr. Andruss explained that Mr. Cox of Goldman, Hunt and Notz informed the District that his firm had completed the financial audit for the fiscal year ending September 30, 2020 and Mr. Cox presented the audit report at the meeting, noting a "clear" opinion.

Board Action: Mr. Revel moved to accept the financial audit for FY20200930. Mr. Woodland seconded the motion. The motion passed unanimously.

13.3 - Unpaid Accounts Payable

Discussion: Mr. Andruss explained that the District has outstanding accounts payable invoices that are not considered regular and routine for which the District has received the goods and services billed for under the invoices.

Board Action: Mr. Skalicky moved to authorize the general manager to pay the following items: TGCD - Adm - FM - Accounts Payable - ACCTP-20210119-01 - $4,834.30 - Invoice No. 5037 - Allison, Bass and Magee, L.L.P - OPEN. Mr. Gendke seconded the motion. The motion passed unanimously.

13.4 - Prosperity Bank Accounts

Discussion: Mr. Andruss explained that in order for Ms. Amaimo, Administrative Coordinator, to obtain information and reports regarding any financial accounts, including certificates of deposit, from Prosperity Bank the board would need to authorize the bank to allow her access to do so.

Board Action: Mr. Revel moved to authorize Ms. Amaimo, Administrative Coordinator, to obtain information and reports regarding any financial accounts, including certificates of deposit, from Prosperity Bank. Mr. Skalicky seconded the motion. The motion passed unanimously.

**Agenda Item 14: Consideration of and possible action on matters related to office administration and management including personnel, staffing, employment agreements, consultant agreements, interlocal cooperation agreements, support services provided to and from other groundwater conservation districts, administrative policies, by-laws of the District, and election of officers.**

14.1 - Report regarding Administration and Management

Discussion: Mr. Andruss explained that on January 19, 2021, the RGCD Board of Directors passed a resolution authorizing the payment of Fees of Office at a rate of $250.00 per day and motion authorizing reimbursement of expenses associated with traveling to board meeting between October 1, 2019 and September 30, 2021. The RGCD Board is considering changes to the operation of their office in response to a recent employee resignation and the potential to reduce expenses.

Board Action: None.

14.2 - Review of Administrative Policies

Discussion: Mr. Andruss explained that on February 2020, the Board re-adopted all existing administrative policies and explicitly re-adopted the Investment Policy and By-Laws of the District. Based on a review of the records of the District, and additional policy as been located related to injection wells. While the District deliberately cancelled this policy in the past, record of a specific board action to cancel the policy cannot be identified.
Board Action: Mr. Revel moved to adopt the Investment Policy and the By-Laws of the District and ratify the cancellation the policy related to injection wells.

14.3 - Election of Officers of the Board

Discussion: Mr. Andruss explained that the By-Laws of the District require the election of four officers, President, Vice-President, Secretary, and Treasurer, each January. Currently, Mr. Skalicky serves as President is vacant; Mr. Dugger serves as the Office of Vice-President; Mr. Revel serves as Secretary; Mr. Koop serves as Treasurer.

Board Action: Mr. Martin moved to re-elect Mr. Skalicky serves as President is vacant; Mr. Dugger serves as the Office of Vice-President; Mr. Revel serves as Secretary; Mr. Koop serves as Treasurer. Mr. Woodland seconded the motion. The motion passed unanimously.

**Agenda Item 15: Consideration of and possible action on matters related to legal counsel report.**

Discussion: None.

Board Action: None.

**Agenda Item 16: Adjourn.**

# Texana Groundwater Conservation District

411 N. Wells, Room 118, Edna, Texas 77957
P.O. Box 1098, Edna, Texas 77957
Phone (361) 781-0624 | Fax (361) 781-0453 | www.texanagcd.org


Board Action: Mr. Gendke moved to adjourn the meeting at 12:44 PM, after concluding all business of the District. Mr. Skalicky seconded the motion. The motion passed unanimously.

The above and foregoing minutes were read and approved on this the 15th day of April, 2021.

ATTEST:

District Director

District Director

# Texana Groundwater Conservation District

411 N. Wells, Room 118, Edna, Texas 77957
P.O. Box 1098, Edna, Texas 77957
Phone (361) 781-0624 | Fax (361) 781-0453 | www.texanagcd.org

The meeting of the Texana Groundwater Conservation District Board of Directors convened on April 15, 2021 at 8:30 AM at 411 N. Wells St., Edna, Texas 77957

The following representatives of Texana Groundwater Conservation District attended the meeting:

| | | |
|---|---|---|
| Precinct 1: | Kenneth Koop | Present |
| Precinct 2: | Michael Skalicky | Present |
| Precinct 3: | Robert Martin | Present |
| Precinct 4: | Fred Woodland | Present |
| At Large: | Jim Revel | Present |
| At Large: | Johnny Dugger | Present |
| At Large: | Robert Gendke, Jr. | Present |
| General Manager: | Tim Andruss | Present |
| Legal Counsel: | Jim Allison of Allison, Bass & Magee, LLP | Absent |

1. Call the meeting to order and welcome guests.

   Discussion: Mr. Skalicky called the meeting to order at approximately 8:30 AM.

   Board Action: None.

2. Receive public comments.

   Discussion: None.

   Board Action: None.

3. Consideration of and possible action on matters related to groundwater production from water wells of the Ekstrom Aquaculture Well Field in accordance with waiver WV-20191219-01.

   3.1 - Groundwater Production from Ekstrom Aquaculture Well Field

   Discussion: Mr. Andruss explained that on January 21, 2021, the Board granted forbearance to Ekstrom Aquaculture by instructing the General Manager to withhold any enforcement action against Ekstrom Aquaculture for production from IW-1, IW-2, and IW-3 within permitted volumes until March 31, 2021.

   On March 10, 2021, Ekstrom Aquaculture submitted the performance report for February 2021. Based on the information contained within the report and continued achievement of the performance standards established with waiver WV-20191219-01, production curtailment was no longer required.

   The forbearance request submitted by Ekstrom Aquaculture requested forbearance through April 2021.

   Board Action: None.

4. Consideration of and possible action on matters related to groundwater management including

the efforts and activities of the District regarding permitting as well as complaints, investigations, and enforcement cases associated with permitting.

4.1 - Report regarding Groundwater Management

Discussion: Mr. Andruss explained that as of March 2, 2021, the District had eight NIPCRs and twenty-five well logs awaiting processing.

Board Action: None.

4.2 - Groundwater Production

Discussion: Mr. Andruss explained that as of April 2021, the District has recorded groundwater production of 17,109.611 acre-feet during calendar year 2020. The historic average of reported production from wells that did not supply a production value for CY2020 is 8,090.829 AF. At present, the best estimate for groundwater production in CY2020 is 25,200.44 AF.

There appear to be numerous instances in which groundwater production was not reported to the District as required by Rule 2.6: REPORTING REQUIREMENT OF NON-EXEMPT USE WELLS and, at least one instance, in which annual groundwater production was reported through an alternate procedure (e.g., Ekstrom Aquaculture monthly reports).

Board Action: Mr. Skalicky moved to 1) authorize the General Manager to open enforcement cases for each instance in which required groundwater production was not reported, 2) find that each instance of failure to report groundwater production is a violation unless the well owner can demonstrate that groundwater production for the subject well for calendar year 2020 was submitted on or before January 31, 2021, and 3) send an initial Notice of Violation (1st NOV) with an offer to settle the violation without penalty or fee if, by July 1, 2021, a) groundwater production for the subject well for calendar year 2020 is reported and b) the well owner of the subject well acknowledges the violation. Mr. Duggar seconded the motion. The motion passed unanimously.

4.4.1 - Permitting Request Case - PRC-20210322-01 - E. Roth

Discussion: Mr. Andruss explained that Mr. Ernest F. Roth seeks, under permitting request case PRC-20210322-01, a production permit authorizing production of groundwater for domestic, irrigation, and agriculture uses at rates not to exceed 80 gallons per minute or 2 acre-feet per year from well NW-00421. The subject well is located on a 4-acre tract of land near the intersection of FM 822 and CR 130 in Jackson County, Texas.

The applications and supplemental information associated with this permitting request case are considered administratively complete and contain sufficient information evaluate the request relative to the Rules of the District. Provided the resulting permits are properly conditioned, the operation of well NW-00421 would satisfy the requirements as established within the Rules of the District without a waiver or variance.

On April 5, 2021, the public notice related to the consideration of the permit case was completed.

As of April 12, 2021, the District had not received notice of intent to contest the permitting request.

Board Action: Mr. Skalicky moved to 1) cancel the permit hearing and proceed with the permitting case as an uncontested matter; 2) issue a production permit to Mr. Roth under application AOW-20210318-01 with the following conditions in accordance with the Rules of the District: Authorized Purpose of Use: domestic, irrigation, and agriculture uses; Authorized Maximum Rate of Production per Minute: 80 gallons per minute; Authorized Maximum Rate of Production per Year: 2 acre-feet per year; Expiration Date: July 31, 2025. Mr. Duggar seconded the motion. The motion passed with 6 aye and 1 nay vote. Mr. Revel voted nay.

5. Consideration of and possible action on matters related to groundwater protection including complaints, investigations, violations and enforcement cases.

5.1 - Enforcement Case - ENC-20200505-01 - Edwin Juranek

Discussion: Mr. Andruss explained that on April 12, 2021, the District reviewed the well log and related applications (ARW indicates capacity of 900 GPM) submitted by Mr. Juranek for the subject well of the enforcement case. Based on a review of the well log (e.g., annular seal information) and the information provided in the related applications (e.g., 900 GPM capacity), several potential violations of the Rules of the District have been identified. In particular, the following provisions of the Rules of the District appear to have been violated in addition to the rules related to obtaining drilling permits and production permits:

- Rule 4.2.4 (notice of intent to place casing),
- Rule 4.3.18 (monthly water level measurements from two or monitoring wells),
- Rule 4.3.19 (monthly water quality measurements from two or more monitoring wells),
- Rule 7.2.3.a (annular seal requirements).

Board Action: Mr. Gendke moved to:

1. extend the following settlement to Mr. Juranek:
    1. cease groundwater production immediately from the well until he demonstrates that:
        1. the subject well was re-worked/re-construct in a manner that satisfies the annular seal requirements of Rule 7.2.3.a; or
        2. the subject well was plugged and replaced in accordance with the Rules of the District including proper sealing of the annual space; and
        3. either:
            1. demonstrate the actual production rate of the subject well is less than 720,000 GPD (500 GPM) and complete with the permitting process established by the Rules of the District for wells that do not exceed a production capacity of 720,000 GPD; or
            2. install of two monitoring wells; provide the monthly water level and water quality measurements in accordance with Rule 4.3.18 and Rule 4.3.19; and complete with the permitting process established by the Rules of the District for wells that exceed a production capacity of 720,000 GPD; and

2. authorize legal counsel to proceed with the process to bring suit against Mr. Juranek if he fails to accept the settlement offer by May 3, 2021.

Mr. Woodland seconded the motion. The motion passed unanimously.

6. Consideration of and possible action on matters related to groundwater protection including complaints, investigations, violations, and enforcement cases.

6.1 - Report regarding Groundwater Level Analysis

Discussion: Mr. Andruss explained that Dr. Young of Intera submitted a draft report for the project proposed by Intera titled *Proposal to Use Geostatistical Techniques to Assess Water Levels and to Evaluate Water Level Changes in Victoria County* which was modified to incorporate Jackson County at the request of the Board. After completing the technical work of the project, the District held a workshop (posted as a public meeting of the participating GCDs) during which Dr. Young presented details on the methodology used to develop the water level data and analysis.

The report includes the following passages of particular importance to the District:

On page ES-3, "Notable changes from 2000 to 2020 are: ...
Jackson County
- Chicot Aquifer: Water levels rose across about 90% of the county. Increases of about 25 ft occurred in northeast and of about 20 ft occurred in south. In the remaining areas, water levels dropped less than 5 ft.
- Evangeline Aquifer: Water levels increased across about 50% of the county with the largest increase of about 12 ft occurring in the northern region. Water levels dropped across the remaining county with the greatest decline of 10 ft occurring in the southern region."

Board Action: Mr. Skalicky moved to 1) accept the report developed by Dr. Young of Intera titled *Application of Geostatistical Techniques to Quantify Changes in Water Levels* and 2) authorize the General Manager to pay the associated invoices in an amount of $17,500. Mr. Duggar seconded the motion. The motion passed unanimously.

6.2 - Drought Monitoring

Discussion: Mr. Andruss explained that the United States Drought Monitor, an information source produced through a partnership between the National Drought Mitigation Center at the University of Nebraska-Lincoln, the United States Department of Agriculture, and the National Oceanic and Atmospheric Administration, indicates that all portions of Jackson County were experiencing moderate drought conditions as of April 6, 2021.

Board Action: None.

7. Consideration of and possible action on matters related to groundwater monitoring.

7.1 - Report regarding Groundwater Conservation

Discussion: Mr. Andruss explained that in order to address conservation as required by the Management Plan of the District and TWC §36.1071(a)(7) and 31 TAC 356.52(a)(1)(G), the District has revised its website to include information and links to websites related to the District's conservation efforts. The website will continue to be updated, revised, and maintained to ensure the District is addressing conservation goals and objectives.

Board Action: None.

8. Consideration of and possible action on matters related to groundwater conservation.

   8.1 - Report regarding Groundwater Resource Planning

   Discussion: Mr. Andruss explained that the District will participate in the next Region P Regional Water Planning Group Meeting when scheduled.

   The District participated in the Management Area 15 Meeting convened on April 8, 2021. The representatives of GMA 15 proposed for adoption a GMA-Wide DFC and County-Specific DFCs. The proposed DFCs and supporting information will be mailed to member districts soon to begin the public comment period (at least 90 days) on the proposed DFCs. The District will be required to conduct a public hearing, likely to be scheduled for July 2021, regarding the proposed DFCs during the comment period.

   Board Action: None.

9. Consideration of and possible action on matters related to groundwater resource planning including Groundwater Management Area 15 Joint Planning, proposals for desired future conditions, and regional water planning.

   9.1 - Management Plan Adoption

   Discussion: Mr. Andruss explained that on January 21, 2021, the Board considered the technical data provided by TWDB to support the District's efforts to draft a revised management plan. The District drafted a revised management plan that incorporates the technical data as appendices and modifies other portions of the management plan. In addition to formatting changes, several objectives and performance standards have been revised, beginning on page 16 of the draft plan, to better reflect the how the District operates, and the activities completes to achieve the goals established with in the plan.

   Board Action: Mr. Duggar moved to authorize the General Manager to submit the draft plan to TWDB for pre-review and make the necessary public notices for the District to conduct a hearing on the draft management plan on July 15, 2021. Mr. Revel seconded the motion. The motion passed unanimously.

10. Consideration of and possible action on matters related to groundwater policy including the Management Plan of the District and the Rules of the District.

    Discussion: None.

Board Action: None.

11. Consideration of and possible action on matters related to groundwater research.

    11.1 - Report regarding Performance Management of the District

    Discussion: Mr. Andruss explained that based on the review of the activities and projects of the Texana Groundwater Conservation District Management Plan between October 1, 2019 and September 30, 2020, the District has determined that all the goals and associated objectives, based on an assessment of the performance standards, have been fully achieved the fiscal year ending September 30, 2020.

    Board Action: Mr. Revel moved to accept and approve the Annual Report for FY2020, as presented.

12. Consideration of and possible action on matters related to performance management including management goals and objectives of the District.

    12.1 - Report regarding Meeting Management

    Discussion: Mr. Andruss explained that the next meeting of the Board of Directors is scheduled for May 20, 2021, at 8:30 AM in the Jackson County Services Building , 411 N. Wells, Edna, Texas 77957.

    Board Action: None.

    12.2 - Minutes of Previous Meeting

    Discussion: Mr. Andruss explained that the minutes for the meeting held on January 4, 2021, and January 21, 2021, were sent the board members prior to the meeting.

    Board Action: Mr. Skalicky moved to accept and approved the meeting minutes for January 4, 2021, and January 21, 2021, as drafted. Mr. Duggar seconded the motion. The motion passed unanimously.

13. Consideration of and possible action on matters related to meeting management including minutes of previous meetings.

    13.1 - Report on Financial Management

    Discussion: Mr. Andruss explained that the financial reports for March 2021 have been compiled, reviewed, and sent to the board members prior to the meeting. All expenditures are related to business of the District and properly authorized.

    Board Action: Mr. Skalicky moved to accept and approve the financial records for March 2021, as presented. Mr. Duggar seconded the motion. The motion passed unanimously.

14. Consideration of and possible action on matters related to financial management including the annual budget of the district, financial reports of the district, bills and invoices of the district.

    Discussion: Mr. Andruss explained that for a second year, local government entity employees who have access to a local government computer system or database and elected officials must take a DIR-certified cybersecurity course by June 14, 2021, as required by Texas Government Code Section 2054.5191. TMLIRP makes available a video that includes a self-administered test. This option is available to anyone who can access the website. See http://bit.ly/TMLIRPCyber for the video.

    Once the training is completed by staff and directors, Tammy Amaimo, Administrative Assistant will submit the Cybersecurity Training Certification for Local Governments form at www.dir.texas.gov to the DIR by June 15, 2021, to verify the District's compliance after training has been completed.

    Board Action: None.

15. Consideration of and possible action on matters related to office administration and management including personnel, staffing, employment agreements, consultant agreements, interlocal cooperation agreements, and support services provided to and from other groundwater conservation districts.

    Discussion: None.

    Board Action: None.

16. Consideration of and possible action on matters related to legal counsel report.

    Discussion: None.

    Board Action: None.

17. Adjourn.

Board Action: Mr. Dugger moved to adjourn the meeting at 11:20 AM, after concluding all business of the District. Mr. Revel seconded the motion. The motion passed unanimously.

The above and foregoing minutes were read and approved on this the 20th day of May, 2021.

ATTEST:

District Director

District Director

# Texana Groundwater Conservation District

411 N. Wells, Room 118, Edna, Texas 77957
P.O. Box 1098, Edna, Texas 77957
Phone (361) 781-0624 | Fax (361) 781-0453 | www.texanagcd.org

The meeting of the Texana Groundwater Conservation District Board of Directors convened on July 15, 2021, at 8:30 AM at the 411 N. Wells, Edna, Texas.

The following representatives of Texana Groundwater Conservation District attended the meeting:

| | | |
|---|---|---|
| Precinct 1: | Kenneth Koop | Present |
| Precinct 2: | Michael Skalicky | Present |
| Precinct 3: | Robert Martin | Absent |
| Precinct 4: | Fredrick Woodland | Present |
| At Large: | Jim Revel | Present |
| At Large: | Johnny Dugger | Present |
| At Large: | Robert Gendke | Present |
| General Manager: | Tim Andruss | Present |
| Legal Counsel: | Jim Allison of Allison, Bass & Magee, LLP | Present |

Agenda Items:

1. Call the meeting to order and welcome guests.

Mr. Skalicky called the meeting to order at 8:30 AM.

2. Receive public comments.

Meeting Discussion: None.

Board Action: None.

3. Consideration and possible action regarding matters related to the litigation filed by Edna Masonic Lodge against the taxing entities of Jackson County.

3.1 - Edna Masonic Lodge Litigation

Meeting Discussion: Mr. Andruss explained that on June 23, 2021, the District learned, via email, that a suit had been filed against the Jackson County Central Appraisal District and certain taxing entities of Jackson County including the District.

The information received by the District regarding the case was forwarded to Mr. Allison for his review.

As of July 12, 2021, the District had received correspondence from Jackson County Commissioners' Court and the Edna ISD through which these entities authorized the legal counsel of the appraisal district to seek dismissal of the case on their behalf.

Board Action: Mr. Dugger moved to request that the appraisal district to file a response on behalf of the District and seek dismissal of the case. Mr. Koop seconded the motion. The motion passed unanimously.

4. Consideration of and possible action on matters related to groundwater management including the efforts and activities of the District regarding permitting as well as complaints, investigations, and enforcement cases associated with permitting.

4.1 - Report regarding Groundwater Management

Meeting Discussion: Mr. Andruss explained that as of July 12, 2021, the District had four permitting cases related to non-exempt use wells, and 16 well logs awaiting processing by the District.

Board Action: None.

4.2 - Groundwater Production from Ekstrom Aquaculture Well Field

Meeting Discussion: Mr. Andruss explained that on July 12, 2021, Ekstrom Aquaculture submitted the performance report for June 2021.

Ekstrom has reported groundwater production totaling 427.016 acre-feet between January 2021 and June 2021 with 2.830 acre-feet being produced during June 2021. While conductivity levels had shown a modest decrease in the lower fresh monitoring well as the East Monitoring Site, the levels remain above the established performance condition

Based on the failure to achieve the performance standards established with waiver WV-20191219-01 during the preceding reporting period for April 2021, May 2021, and June 2021, production curtailment is required from wells producing from the Fresh Zone. The average conductivity measurement for June 2021 was 2 ,725 µS/cm. The maximum allowable conductivity average under waiver WV-20191219-01 is 2,087 µS/cm.

Board Action: None.

4.3 - Groundwater Production

Meeting Discussion: Mr. Andruss explained that per the Board's authorization on April 15, 2021, the District has initiated 36 enforcement cases related to potential failures to report groundwater production for CY2020. The District must extend the time period to respond to settlement offer from July 1, 2021, to August 15, 2021, due to the delay in developing the enforcement case and transmittal of notices of violation letters to well owners.

Board Action: Mr. Skalicky moved to revise the previously approved settlement offers as follows: "offer to settle the alleged violation without penalty or fee if, by September 1, 2021, a) groundwater production for the subject well for calendar year 2020 is reported and b) the well owner of the

subject well acknowledges the violation." Mr. Revel seconded the motion. The motion passed unanimously.

4.4 - Production Permit Renewals

Meeting Discussion: Mr. Andruss explained that the District has received Applications to Renew a Production Permit. In order for the District to approve the request to renew a production permit, the Rules of the District require the permit holder to a) be current in paying any fee required by the district; b) not be subject to a pending enforcement action for a substantive violation of a district permit, order, or rule that has not been settled by agreement with the district or a final adjudication; or c) be current in paying any civil penalty or otherwise comply with any order resulting from a final adjudication of a violation of a district permit, order, or rule.

Board Action: Mr. Revel moved to authorize the general manager to issue production permit renewals for the permits associated with the following renewal requests: Permitting Request Cases - PRC-20210422-02 - ARPP-20210422-01 - Kinder Morgan Tejas Pipeline, LLC; Permitting Request Cases - PRC-20210527-02 - ARPP-20210525-01 - Tennessee Gas Pipeline Company, LLC. Mr. Dugger seconded the motion. The motion passed unanimously.

4.5.1 - Permitting Request Case - PRC-20210621-01 - Black Sheep Ag. LLC

Meeting Discussion: Mr. Andruss explained that Mr. Houston Hennigh for Black Sheep Ag, LLC seeks, under permitting request case PRC-20210621-01, a drilling permit and production permit authorizing construction of a well and the production of groundwater for crop irrigation uses at rates not to exceed 475 gallons per minute or 37.5 acre-feet per year. The proposed well will be located on a 75-acre tract of land near the intersection of County Road 256 and County Road 257 in Jackson County, Texas.

The applications and supplemental information associated with this permitting request case are considered administratively complete and contain sufficient information evaluate the request relative to the Rules of the District. Provided the resulting permits are properly conditioned, the drilling and operation of the proposed well would satisfy the requirements as established within the Rules of the District without a waiver or variance.

On July 2, 2021, the public notice related to the consideration of the permit case was completed.

As of July 13, 2021, the District had not received notice of intent to contest the permitting request.

Board Action: Mr. Revel moved to cancel the permit hearing and proceed with the permitting case as an uncontested matter. Mr. Skalicky seconded the motion. The motion passed unanimously.

Board Action: Mr. Skalicky moved to approve the drilling permit to Black Sheep Ag, LLC under application ADW-20210618-01 with the requirement that the proposed well be offset from the nearest property line by 50 feet and 475 feet from wells owned by other landowners. Mr. Revel seconded the motion. The motion passed unanimously.

Board Action: Mr. Revel moved to issue a production permit to Black Sheep Ag, LLC under application AOW-20210618-02with the following conditions in accordance with the Rules of the District: Authorized Purpose of Use: crop irrigation uses; Authorized Maximum Rate of Production per Minute: 475 gallons per minute; Authorized Maximum Rate of Production per Year: 37.5 acre-feet per year; and Expiration Date: July 31, 2026. Mr. Skalicky seconded the motion. The motion passed unanimously.

4.5.2 - Permitting Request Case - PRC-20210518-01 - Punta de Vista, LLC

Meeting Discussion: Mr. Andruss explained that Mr. John Murray for Punta de Vista, LLC seeks, under permitting request case PRC-20210518-01, a production permit authorizing production of groundwater for irrigation and wildlife management uses at rates not to exceed 499 gallons per minute or 364 acre-feet per year from well GW-00565. The subject well is located on a 728.32-acre tract of land near the intersection of County Road 110 and County Road 111 in Jackson County, Texas.

The applications and supplemental information associated with this permitting request case are considered administratively complete and contain sufficient information evaluate the request relative to the Rules of the District. Provided the resulting permits are properly conditioned, the drilling and operation of the proposed well would satisfy the requirements as established within the Rules of the District without a waiver or variance.

On July 2, 2021, the public notice related to the consideration of the permit case was completed.

As of July 13, 2021, the District had not received notice of intent to contest the permitting request.

Board Action: Mr. Skalicky moved to 1) cancel the permit hearing and proceed with the permitting case as an uncontested matter; 2) issue a production permit to Punta de Vista, LLC under application AOW-20210512-02with the following conditions in accordance with the Rules of the District: Authorized Purpose of Use: irrigation and wildlife management uses; Authorized Maximum Rate of Production per Minute: 499 gallons per minute; Authorized Maximum Rate of Production per Year: 364 acre-feet per year; and Expiration Date: July 31, 2026. Mr. Woodland seconded the motion. The motion passed unanimously.

5. Consideration of and possible action on matters related to groundwater protection including complaints, investigations, violations, and enforcement cases.

Meeting Discussion: None.

Board Action: None.

6. Consideration of and possible action on matters related to groundwater monitoring.

Meeting Discussion: Mr. Andruss explained that the United States Drought Monitor, an information source produced through a partnership between the National Drought Mitigation Center at the University of Nebraska-Lincoln, the United States Department of Agriculture, and

the National Oceanic and Atmospheric Administration, indicates that no portions of Jackson County were experiencing moderate drought conditions as of July 8, 2021.

Board Action: None.

7. Consideration of and possible action on matters related to groundwater conservation.

Meeting Discussion: None.

Board Action: None.

8. Consideration of and possible action on matters related to groundwater resource planning including Groundwater Management Area 15 Joint Planning, regional water planning, and the Desired Future Conditions Proposed for Adoption by Groundwater Management Area 15.

8.1 - Report regarding Groundwater Resource Planning

Meeting Discussion: Mr. Andruss explained that the District participated in the Region P Regional Water Planning Group Meeting held virtually on June 14, 2021.

The District will participate in the Management Area 15 Meeting scheduled for October 14, 2021.

Board Action: None.

8.2 - Public Hearing regarding DFCs Proposed for Adoption by GMA 15

Meeting Discussion: Mr. Andruss explained that on May 4, 2021, the desired future conditions proposed for Groundwater Management Area 15 were mailed to the member districts initiating the public comment period (period of not less than 90 days) for the desired future conditions proposed for adoption by the representatives of GMA 15.
The representatives of Groundwater Management Area 15 proposed the following Desired Future Conditions for Adoption on April 8, 2021:

1. The Desired Future Condition for the counties in the groundwater management area (gma-specific DFC) shall not exceed an average drawdown of 13 feet for the Gulf Coast Aquifer System at December 2080; and
2. The Desired Future Conditions for each county within the groundwater management area (county-specific DFCs) shall not exceed the values specified in Table A at December 2080:

Table A. Desired Future Conditions for Counties of GMA 15 expressed as an Average Drawdown between January 2000 and December 2080.

- Aransas County: 0 feet of drawdown of the Gulf Coast Aquifer System.
- Bee County: 7 feet of drawdown of the Gulf Coast Aquifer System.
- Calhoun County: 5 feet of drawdown of the Gulf Coast Aquifer System.

- Colorado County: 17 feet of drawdown of the Chicot and Evangeline Aquifers; and 25 feet of drawdown of the Jasper Aquifer.
- DeWitt County: 17 feet of drawdown of the Gulf Coast Aquifer System.
- Fayette County: 44 feet of drawdown of the Gulf Coast Aquifer System.
- Goliad County: 4 feet of recovery of the Chicot Aquifer; 2 feet of recovery of the Evangeline Aquifer; 7 feet of drawdown of the Burkeville Aquifer; and 14 feet of drawdown of the Jasper Aquifer.
- Jackson County: 15 feet of drawdown of the Gulf Coast Aquifer System.
- Karnes County: 22 feet of drawdown of the Gulf Coast Aquifer System.
- Lavaca County: 18 feet of drawdown of the Gulf Coast Aquifer System.
- Matagorda County: 11 feet of drawdown of the Chicot and Evangeline Aquifers.
- Refugio County: 5 feet of drawdown of the Gulf Coast Aquifer System.
- Victoria County: 5 feet of drawdown of the Gulf Coast Aquifer System.
- Wharton County: 15 feet of drawdown of the Chicot and Evangeline Aquifers.

During this period, the District has made available in its office a copy of the proposed desired future conditions and supporting materials, such as the documentation of factors considered under Subsection (d) and groundwater availability model run results.

On July 11, 2021, the District completed the posting requirements established for the public hearing on the proposed desired future conditions.

While the District has been informed that public comments may be submitted to the District or other GCDs with GMA 15, as of July 13, 2021, the District had not received any public comments on the DFCs proposed for adoption by GMA 15.

Mr. Skalicky opened the public hearing.

Public Comments: Mr. Andruss informed the Board that the District had received written comments from organization called Neighbors Against Destroying Aquifers regarding the DFC proposed for adoption and would be incorporated into the summary report of the public comment period.

Mr. Skalicky moved to close the public hearing at 10:00 AM, after receiving all public comments regarding the DFC's proposed for adoption by GMA 15 and moved to terminate the public comment period on September 1, 2021, and authorize the General Manager to compile and submit for consideration at the next joint planning meeting a summary of relevant comments received, any suggested revisions to the proposed desired future conditions, and the basis for the revisions. Mr. Dugger seconded the motion. The motion passed unanimously.

9. Consideration of and possible action on matters related to groundwater policy including the proposed Management Plan of the District with revisions and the Rules of the District.

9.1 - Report regarding Groundwater Policy

Meeting Discussion: Mr. Andruss explained that the regular session of the 87th Legislature concluded without the passage of any legislation that would have a negative and direct impact on the ability of the District to manage groundwater resources with Jackson County. Mr. Allison provided additional comments regarding legislative changes that may impact the District.

Board Action: None.

9.2 - Public Hearing regarding Proposed Management Plan of the District

Meeting Discussion: Mr. Andruss explained that the District proposes for adoption a revised management plan that (1) identifies the performance standards and management objectives under which the district will operate to achieve the management goals ; (2) specifies the actions, procedures, performance, and avoidance that are or may be necessary to effect the plan; (3) includes estimates of (A) modeled available groundwater in the district based on the desired future condition established under Section 36.108; (B) the amount of groundwater being used within the district on an annual basis; (C) the annual amount of recharge from precipitation, if any, to the groundwater resources within the district; (D) for each aquifer, the annual volume of water that discharges from the aquifer to springs and any surface water bodies, including lakes, streams, and rivers; (E) the annual volume of flow into and out of the district within each aquifer and between aquifers in the district, if a groundwater availability model is available; (F) the projected surface water supply in the district according to the most recently adopted state water plan; and (G) the projected total demand for water in the district according to the most recently adopted state water plan; and (4) considers the water supply needs and water management strategies included in the adopted state water plan.

On May 21, 2021, the TWDB notified the District that the draft management plan passed the pre-adoption review process. On June 16, 2021, the District complete the requirements for public notice. On July 8, 2021, the District sent notice to the Lavaca-Navidad River Authority and Jackson County Commissioners' Court of the hearing on the management plan.

On July 14, 2021, the District received comments from Patrick Brzozowski of the Lavaca-Navidad River Authority. Mr. Brzozowski commented: "Upon review of the District's Groundwater Management Plan, I would propose that the District consider undertaking the effort to establish goal(s) and objective(s) for the management of the brackish groundwater supplies in the District. The desalination of brackish water, from groundwater and/or brackish surface water sources, is a water management strategy identified and adopted by the Region P Regional Water Planning Group and this strategy was included in the most recently adopted 2021 State Water Plan. Because the timeline to develop a new water supply can be extensive, no matter the source, I propose the District consider taking the necessary steps to establish the framework under which this water resource might be developed, managed and/or governed."

Mr. Skalicy opened the public hearing on the proposed management plan of the District.

Mr. Brzozowski provided oral comments.

Board Action: Mr. Dugger moved to 1) close the public hearing after receiving all public comments regarding the proposed management plan of the District, and 2) approve and adopt the proposed

management plan of the District by Resolution 2021-07-15-A. Mr. Woodland seconded the motion. The motion passed unanimously with 6 ayes and 0 nays.

10. Consideration of and possible action on matters related to groundwater research.

Meeting Discussion: None.

Board Action: None.

11. Consideration of and possible action on matters related to performance management including management goals and objectives of the District.

Meeting Discussion: None.

Board Action: None.

12. Consideration of and possible action on matters related to meeting management including minutes of previous meetings.

12.1 - Report regarding Meeting Management

Meeting Discussion: Mr. Andruss explained that the next meeting of the Board of Directors is scheduled for August 19, 2021, at 8:30 AM in the Jackson County Services Building, 411 N. Wells, Edna, Texas 77957.

Board Action: None.

12.2 - Minutes of Previous Meeting

Meeting Discussion: Mr. Andruss explained that the minutes for the meeting held on May 20, 2021, were sent the board members prior to the meeting.

Board Action: Mr. Dugger moved to accept and approved the meeting minutes for May 20, 2021, as drafted. Mr. Gendke seconded the motion. The motion passed unanimously.

13. Consideration of and possible action on matters related to financial management including the annual budget of the district, financial reports of the district, bills and invoices of the district.

13.1 - Report on Financial Management

Meeting Discussion: Mr. Andruss explained that the financial reports for June 2021 have been compiled, reviewed, and sent to the board members prior to the meeting. All accounts reconcile with internal records. All expenditures are related to business of the District and properly authorized.

Board Action: Mr. Skalicky moved to accept and approve the financial records for June 2021. Mr. Dugger seconded the motion. The motion passed unanimously.

13.2 - Unpaid Accounts Payable

Meeting Discussion: Mr. Andruss explained that the District has outstanding accounts payable invoices that are not considered regular and routine for which the District has received the goods and services billed for under the invoices.

Board Action: Mr. Revel moved to authorize the general manager to pay the following items: TGCD - Adm - FM - Accounts Payable - ACCTP-20210712-01 - $270.88 - Invoice No. 2903 - Prosperity Bank - OPEN; TGCD - Adm - FM - Accounts Payable - ACCTP-20210618-02 - $1,685.15 - Invoice No. 354352 - Victoria Advocate - OPEN; TGCD - Adm - FM - Accounts Payable - ACCTP-20210617-01 - $1,890.55 - Invoice No. 6140 - Allison, Bass and Magee, L.L.P- OPEN; TGCD - Adm - FM - Accounts Payable - ACCTP-20210714-13- $6,603.82 - Invoice No. ILA-202106-T - VCGCD - OPEN; TGCD - Adm - FM - Accounts Payable - ACCTP-20210714-12 - $6,694.88 - Invoice No. ILA-202105-T - VCGCD - OPEN; TGCD - Adm - FM - Accounts Payable - ACCTP-20210714-11 - $6,720.98- Invoice No. ILA-202104-T - VCGCD - OPEN; TGCD - Adm - FM - Accounts Payable - ACCTP-20210714-10- $6,876.42 - Invoice No. ILA-202103-T - VCGCD - OPEN; TGCD - Adm - FM - Accounts Payable - ACCTP-20210714-09 - $6,763.32 - Invoice No. ILA-202102-T - VCGCD - OPEN; TGCD - Adm - FM - Accounts Payable - ACCTP-20210714-08 - $6,597.44 - Invoice No. ILA-202101-T - VCGCD - OPEN; TGCD - Adm - FM - Accounts Payable - ACCTP-20210714-07- $6,629.92 - Invoice No. ILA-202012-T- VCGCD - OPEN; TGCD - Adm - FM - Accounts Payable - ACCTP-20210714-06 - $150.00 - Invoice No. ILA-202106-T-LS - VCGCD - OPEN; TGCD - Adm - FM - Accounts Payable - ACCTP-20210714-05 - $450.00 - Invoice No. ILA-202105-T-LS - VCGCD - OPEN; TGCD - Adm - FM - Accounts Payable - ACCTP-20210714-04 - $450.00 - Invoice No. ILA-202104-T-LS - VCGCD - OPEN; TGCD - Adm - FM - Accounts Payable - ACCTP-20210714-03 - $450.00 - Invoice No. ILA-202103-T-LS - VCGCD - OPEN; TGCD - Adm - FM - Accounts Payable - ACCTP-20210714-02 - $450.00 - Invoice No. ILA-202102-T-LS - VCGCD - OPEN; TGCD - Adm - FM - Accounts Payable - ACCTP-20210714-01 - $17,500.00 - Invoice No. ILA-20210104-T - VCGCD – OPEN. Mr. Dugger seconded the motion. The motion passed unanimously.

14. Consideration of and possible action on matters related to office administration and management including personnel, staffing, employment agreements, consultant agreements, interlocal cooperation agreements, and support services provided to and from other groundwater conservation districts.

14.1 - Report regarding Administration and Management

Meeting Discussion: Mr. Andruss explained that the agreement between the District and VCGCD (INTERLOCAL AGREEMENT FOR SERVICES RELATED TO GENERAL MANAGEMENT AND ADMINISTRATIVE ACTIVITIES) states "[t]his agreement will automatically renew for an additional one (1) year period on October 1 of each year unless either party provides 90-day written notice of their Intent to not renew the agreement." The agreement presently costs the District $6,500 per month (i.e., $78,000 per year) unless a qualifying event occurs resulting in a credit by VCGCD to the District.

The VCGCD Board of Directors will be asked to consider significant changes to staffing which support the District via the interlocal agreement. The changes include the addition of an enforcement specialist position (VCGCD Office), the reclassification of an administrative assistant position to an office assistant position (VCGCD Office), wage increases for existing staff, and revision to the fee credit provisions. If approved, VCGCD will likely propose a revised agreement to for services to be provided during FY2022.

Mr. Andruss explained that the District had received an interlocal cooperation agreement from the Jackson County Tax-Assessor Collector titled the 2021-2022 Property Tax Assessment/Collection Agreement.

Board Action: Mr. Skalicky moved to accept and approve 2021-2022 Property Tax Assessment/Collection Agreement. Mr. Gendke seconded the motion. The motion passed unanimously.

15. Consideration of and possible action on matters related to legal counsel report.

Meeting Discussion: None.

Board Action: None.

16. Adjourn.

Mr. Skalicky moved to adjourn the meeting. Mr. Gendke seconded the motion. The motion passed unanimously.

The above and foregoing minutes were read and approved on this the 19TH day of AUGUST, 2021.

ATTEST:

James T. Revel
District Director SEC'Y

District Director PRES.

# Texana Groundwater Conservation District

411 N. Wells, Room 118, Edna, Texas 77957
P.O. Box 1098, Edna, Texas 77957
Phone (361) 781-0624 | Fax (361) 781-0453 | www.texanagcd.org

The meeting of the Texana Groundwater Conservation District Board of Directors convened on August 19, 2021, at 8:30 AM at the 411 N. Wells, Edna, Texas.

The following representatives of Texana Groundwater Conservation District attended the meeting:

| | | |
|---|---|---|
| Precinct 1: | Kenneth Koop | Present |
| Precinct 2: | Michael Skalicky | Present |
| Precinct 3: | Robert Martin | Present |
| Precinct 4: | Robert Gendke Jr. | Present |
| At Large: | Jim Revel | Present |
| At Large: | Johnny Dugger | Absent |
| At Large: | Fredrick Woodland | Present |
| General Manager: | Tim Andruss | Present |
| Legal Counsel: | Jim Allison of Allison, Bass & Magee, LLP | Present |

Agenda

1. Call the meeting to order and welcome guests.

   Mr. Skalicky called the meeting to order at 8:34 AM.

2. Receive public comments.

   Public Comments: None.

3. Consideration of and possible action on matters related to Groundwater Management including the efforts and activities of the District regarding permitting as well as complaints, investigations, and enforcement cases associated with permitting.

   3.1 - Ekstrom Aquaculture Forbearance Request

   Discussion: Mr. Andruss explained that following a meeting with Mr. Ekstrom to discuss issues with the existing permits and waivers associated with the Ekstrom Aquaculture Fish Farm, Mr. Ekstrom submitted a request for forbearance on August 12, 2021.

   On August 17, 2021, the District requested additional information from Mr. Ekstrom regarding the request for forbearance.

   Board Action: Mr. Revel moved to grant the request for forbearance from Ekstrom Aquaculture by authorizing the production groundwater from the water wells completed in the fresh zone until November 30, 2021, for the following purposes and volumes: 10 acre-feet hatchery operations; 20 acre-feet for water quality maintenance purposes; and 80 acre-feet for pump test purposes contingent upon approval of a pumping test plan by the District. Mr. Gendke seconded the motion. The motion passed unanimously.

Board Action: Mr. Revel moved to authorize the General Manager to obtain support of a technical consultant to assist with reviewing the pumping plan proposed by Ekstrom. Mr. Skalicky seconded the motion. The motion passed unanimously.

3.2 - Groundwater Production from Ekstrom Aquaculture Well Field
Discussion: Mr. Andruss explained that on August 5, 2021, Ekstrom Aquaculture submitted the performance report for July 2021.

Ekstrom has reported groundwater production totaling 468.992 acre-feet between January 2021 and July 2021 with 41.976 acre-feet being produced during July 2021 and 0.0 acre-feet being produced from the fresh zone wells during July 2021. While conductivity levels have shown a modest decrease in the lower fresh monitoring well at the East Monitoring Site during June and July 2021, the levels remain above the established performance condition

Based on the failure to achieve the performance standards established with waiver WV-20191219-01 during the preceding reporting period for April 2021, May 2021, June 2021, and July 2021, production curtailment is required from wells producing from the Fresh Zone. The average conductivity measurement for June 2021 was 2 ,725 µS/cm and for July 2021 was 2,642 µS/cm. The maximum allowable conductivity average under waiver WV-20191219-01 is 2,087 µS/cm.

Board Action: None.

3.3 - Production Permit Renewals

Discussion: Mr. Andruss explained that the District has received an Application to Renew a Production Permit. In order for the District to approve the request to renew a production permit, the Rules of the District require the permit holder to a) be current in paying any fee required by the district; b) not be subject to a pending enforcement action for a substantive violation of a district permit, order, or rule that has not been settled by agreement with the district or a final adjudication; or c) be current in paying any civil penalty or otherwise comply with any order resulting from a final adjudication of a violation of a district permit, order, or rule.

The following applications are administratively complete and satisfy the requirements related to production permit renewal established by the Rules of the District: TGCD - GMa - Pe - Permitting Request Cases - PRC-20200717-02 - ARPP-20200716-02 - Vanderbilt Farmers Co-op, Inc – Pending.

Board Action: Mr. Skalicky move to authorize the general manager to issue production permit renewals for the permits associated with the following renewal requests: TGCD - GMa - Pe - Permitting Request Cases - PRC-20200717-02 - ARPP-20200716-02 - Vanderbilt Farmers Co-op, Inc - Pending. Mr. Woodland seconded the motion. The motion passed unanimously.

4. Consideration of and possible action on matters related to Groundwater Protection including complaints, investigations, violations, and enforcement cases related to groundwater contamination and waste.

Discussion: None.

Board Action: None.

5. Consideration of and possible action on matters related to Groundwater Monitoring.

   Discussion: None.

   Board Action: None.

6. Consideration of and possible action on matters related to Groundwater Conservation.

   Discussion: None.

   Board Action: None.

7. Consideration of and possible action on matters related to Groundwater Resource Planning including Groundwater Management Area 15 Joint Planning and regional water planning.

   Discussion: None.

   Board Action: None.

8. Consideration of and possible action on matters related to Groundwater Policy including the Management Plan of the District and the Rules of the District.

   Discussion: None.

   Board Action: None.

9. Consideration of and possible action on matters related to Groundwater Research.

   Discussion: None.

   Board Action: None.

10. Consideration of and possible action on matters related to Performance Management including management goals and objectives of the District.

    Discussion: None.

    Board Action: None.

11. Consideration of and possible action on matters related to Meeting Management including minutes of previous meetings.

11.1 - Report regarding Meeting Management

Discussion: Mr. Andruss explained that the next meeting of the Board of Directors is scheduled for September 16th, at 8:30 AM in the Jackson County Services Building, 411 N. Wells, Edna, Texas 77957.

Board Action: None.

11.2 - Minutes of Previous Meeting

Discussion: Mr. Andruss explained that the minutes for the meeting held on July 15, 2021, were sent the board members prior to the meeting.

Board Action: Mr. Skalicky moved to accept and approved the meeting minutes for July 15, 2021, as drafted. Mr. Revel seconded the motion. The motion passed unanimously.

12. Consideration of and possible action on matters related to Financial Management including the annual budget, budget recommendation FY2022 of the district, Tax Rate for tax year 2021, bank accounts, investments, financial reports of the district, bills, and invoices of the district.

12.1 - Report on Financial Management

Discussion: Mr. Andruss explained that the financial reports for July 2021 have been compiled, reviewed, and sent to the board members prior to the meeting. All accounts reconcile with internal records. All expenditures are related to business of the District and properly authorized.

Board Action: Mr. Skalicky moved to accept and approve the financial records for July 2021. Mr. Woodland seconded the motion. The motion passed unanimously.

12.2 - Unpaid Accounts Payable

Discussion: Mr. Andruss explained that the District has outstanding accounts payable invoices that are not considered regular and routine for which the District has received the goods and services billed for under the invoices.

Board Action: Mr. Gendke moved to authorize the general manager to pay the following items: 1) ACCTP-20210729-03 - $100.00 - Invoice No. 1390781 - Pace Analytical - OPEN; 2) ACCTP-20210729-02 - $40.00 - Invoice No. 1390763 - Pace Analytical - OPEN; 3) ACCTP-20210729-01 - $280.00 - Invoice No. 1390315 - Pace Analytical – OPEN; and 4) ACCTP-20210818-01 - $6,836.40 - Invoice No. 202107-T - VCGCD. Mr. Skalicky seconded the motion. The motion passed unanimously.

12.3 - Budget Recommendation for FY2022

Discussion: Mr. Andruss explained that a recommended budget for fiscal year 2022 for the District has been developed that, if adopted, would fund the operations of the District in a

manner that should provide for 1) the accomplishment of the management plan goals and objectives and 2) the completion of certain projects and tasks associated with the administration of the district, groundwater conservation, groundwater management and permitting, groundwater monitoring, groundwater policy development, groundwater protection, groundwater research, and groundwater resource planning, and 3) avoid a budget deficit in Fiscal Year 2021-2022.

The recommended budget anticipates the continued cooperation with and support of the staff of the Victoria County Groundwater Conservation to be achieved through the approval of a revised interlocal cooperation agreement. The significant revisions provide for 1) an increase to the monthly fees for service from $6,500.00 to $6850.00 and 2) a decrease to the credit provided for office closure. The revised agreement includes the following changes:
7. The COOPERATING DISTRICT shall pay VCGCD a monthly fee of ~~$6,500.00~~6,825.00 for services provided under this agreement. The amount of the monthly fee will be subjected to an annual review by the parties.
8. The VCGCD shall credit the COOPERATING DISTRICT ~~$1,000.00~~500.00 for each calendar week ~~during~~ for those weeks in which the office of the COOPERATING DISTRICT is closed for more than ~~twelve~~ twenty-eight(~~12~~28) hours during of normal business hours excluding weeks with office closures ~~associate~~ associated with observing federal, state, and county holidays.

The recommended budget includes and is based on the following:

- estimation of total fund balance of $587,612 at the end of Fiscal Year 2020-2021;
- anticipation of expenditures of $215,380 during Fiscal Year 2021-2022;
- allocation of $215,380 of the total fund balance to the Operating Fund effective October 1, 2021;
- allocation of the remainder of the total fund balance to the Reserve Fund effective October 1, 2021;
- commitment of the monies of the Reserve Fund in equal portions to groundwater conservation, groundwater management, groundwater monitoring, groundwater protection, groundwater research, groundwater resource planning, and legal contingencies with the adoption of this budget;
- anticipation of revenue from sources other than tax-related sources to be $2,500;
- adoption of a Tax Year 2021 tax rate of $0.008100/$100 of taxable value;
- anticipation of revenue from tax-related sources to be $248,933; and
- anticipation of an increase of the reserve fund by $36,053 at the conclusion of the fiscal year.

Based on District's budget information as of May 31, 2021, the District anticipates the following unencumbered fund balances at the End of the Fiscal Year:

- Operating Fund Balance: $ 68,902
- Reserve Fund Balance: $518,710

Based on calculations completed by the Jackson County Tax Assessor-Collector, the following tax rates exist for the District for Tax Year 2021:

- No-New-Revenue Tax Rate: $0.008100/$100
- Voter-Approved Tax Rate: $0.008700/$100

The District adopted a tax rate of $0.009100/$100 for Tax Year 2020.

The recommended tax rate for Tax Year 2021 (No-New-Revenue Tax Rate; $0.008100/$100), if adopted, would decrease the tax rate, and produce an additional $1,120 of tax revenue.

Board Action: Mr. Revel moved to 1) designate the budget for FY2022 recommended by the General Manager as revised as the Proposed Budget of the District for FY2022; 2) propose a tax rate of $0.008700/$100 of taxable value for Tax Year 2021; and 3. authorize the General Manager to complete all public notice requirements to facilitate the required public hearings and action by the Board to adopt the budget for FY2022, the tax rate for Tax Year 2021, and the acceptance of the certified tax roll for Tax Year 2021 on September 16, 2021. Mr. Skalicky seconded the motion. The motion passed with 5 ayes and 1 nay:
Mr. Koop – Aye
Mr. Skalicky – Aye
Mr. Martin – Aye
Mr. Gendke – Nay
Mr. Revel – Aye
Mr. Woodland – Aye

13. Consideration of and possible action on matters related to office administration and management including staffing, consultant agreements, interlocal cooperation agreements, and support services provided to and from other groundwater conservation districts.

13.1 - Report regarding Administration and Management

Discussion: Mr. Andruss explained that on August 17, 2021, the District was informed that the Jackson Central Appraisal District was seeking the dismissal of the Edna Masonic Lodge's suit brought against the appraisal district, the groundwater district, and other taxing entities

Board Action: None.

13.2 - Interlocal Cooperation Agreement with VCGCD for FY2022

Discussion: Mr. Andruss explained that on July 16, 2021, the VCGCD Board expressed interest in continuing the cooperative arrangement with RGCD, TGCD, and CCGCD, as well as adjusting the staffing schedule to reduce administrative staffing and increase technical staffing to support increase efforts related to compliance and enforcement of the rules of the district. The revised interlocal cooperation agreement used to develop the recommended budget for FY2022 was accepted and approved by the RGCD Board on August 16, 2021, and will be presented to the VCGCD Board on August 20, and the CCGCD Board on August 23 with a recommendation that the agreement be accepted and approved contingent upon the ultimate acceptance and approval by the other cooperating districts.

Board Action: Mr. Revel moved to accept and approve the revised interlocal cooperation agreement and authorize the execution of the revised agreement by the President of the Board upon acceptance and approval by the boards of the VCGCD and the CCGCD. Mr. Martin seconded the motion. The motion passed unanimously.

14. Consideration of and possible action on matters related to the vacancy in the office of director of the Texana Groundwater Conservation District.

    Discussion: Mr. Martin informed the Board that he was resigning as a director of the district.

    Board Action: None.

15. Consideration of and possible action on matters related to legal counsel report.

    Discussion: None.

    Board Action: None.

16. Adjourn.

    Mr. Revel moved to adjourn the meeting at Mr. Martin seconded the motion. The motion passed unanimously.

The above and foregoing minutes were read and approved on this the 23RD day of SEPT, 2021.

ATTEST:

James F. Revel
District Director

Mike Shiel
District Director

# Texana Groundwater Conservation District

411 N. Wells, Room 118, Edna, Texas 77957
P.O. Box 1098, Edna, Texas 77957
Phone (361) 781-0624 | Fax (361) 781-0453 | www.texanagcd.org

The meeting of the Texana Groundwater Conservation District Board of Directors convened on September 23, 2021, at 8:30 AM at the 411 N. Wells, Edna, Texas.

The following representatives of Texana Groundwater Conservation District attended the meeting:

| | | |
|---|---|---|
| Precinct 1: | Kenneth Koop | Present |
| Precinct 2: | Michael Skalicky | Present |
| Precinct 3: | Robert Martin | Absent |
| Precinct 4: | Robert Gendke Jr. | Absent |
| At Large: | Jim Revel | Present |
| At Large: | Johnny Dugger | Present |
| At Large: | Fredrick Woodland | Absent |
| General Manager: | Tim Andruss | Present |
| Legal Counsel: | Jim Allison of Allison, Bass & Magee, LLP | Absent |

1. Call the meeting to order and welcome guests.

   Mr. Skalicky called the meeting to order at 8:30 AM.

2. Receive public comments.

   No Public Comments.

3. Consideration of and possible action on matters related to groundwater management including the efforts and activities of the District regarding permitting as well as complaints, investigations, and enforcement cases associated with permitting.

   3.1 - Report regarding Groundwater Management

   Management Discussion: Mr. Andruss explained that the District has initiated 92 permitting request cases (PRCs) since October 1, 2020. As of September 13, 2021, the following permitting requests and applications are pending with the District:

   Board Action: None.

   3.5.1 - Permitting Request Case - PRC-20210823-02 – LNRA

   Management Discussion: Mr. Andruss explained that Mr. Doug Anders for Lavaca-Navidad River Authority seeks, under permitting request case PRC-20210823-02, a drilling permit and production permit authorizing construction of a well and the production of groundwater for pump test uses at rates not to exceed 250 gallons per minute or 5 acre-feet per year. The proposed well will be located on a 17,012-acre tract of land near the intersection of FM 3131 and FM 1822 in Jackson County, Texas.

The applications and supplemental information associated with this permitting request case are considered administratively complete and contain sufficient information evaluate the request relative to the Rules of the District. Provided the resulting permits are properly conditioned, the drilling and operation of the proposed well would satisfy the requirements as established within the Rules of the District without a waiver or variance.

On September 2, 2021, the public notice related to the consideration of the permit case was completed.

As of September 13, 2021, the District had not received notice of intent to contest the permitting request.

Upon cancellation of the meeting of the Board scheduled for September 16, 2021, the District posted a permit issuance notice for PRC-20210823-02.

Board Action: None.

4. Consideration of and possible action on matters related to groundwater protection including complaints, investigations, violations, and enforcement cases.

   Management Discussion: None.

   Board Action: None.

5. Consideration of and possible action on matters related to groundwater monitoring.

   5.1 - Intera Proposals re Groundwater Monitoring

   Management Discussion: Mr. Andruss explained that in response to the recommendations made by Dr. Young in the Water Level Assessment Report, the District requested a proposal from Intera to improve and expand the District's effort to monitor groundwater levels. Dr. Young provided a proposal for:

   1. Assignment of aquifers to water wells recorded in the District's database;
   2. Development of protocols for flagging measured water levels that appear to be unrepresentative of actual aquifer conditions;
   3. Establishment of criteria for assessing the adequacy of the monitoring well coverage in the Chicot and Evangeline aquifers to assess water level changes over time within Calhoun, Jackson, Refugio, and Victoria Counties;
   4. Identification and evaluation of the potential benefits to groundwater monitoring to be obtained by quantifying the predictive uncertainty of the Kriged interpolation values and the average annual water levels within the report;
   5. Development of an approach for identifying the most beneficial locations for adding monitoring wells (purpose-built, new monitoring wells) to the groundwater monitoring network and determination of the benefits resulting from the incorporation of the identified locations in the use of geostatistics to evaluate aquifer conditions; and

6. Design and construction specifications for dedicated aquifer monitoring wells.

The Technical Support for Monitoring project cost is $55,000 and has a spatial scope of Victoria, Calhoun, Refugio, and Jackson Counties ($13,750 per GCD).

The Board of VCGCD accepted the proposal and authorize the General Manage to initiate the project upon approval to equally share costs for the project by the boards of CCGCD, RGCD, and TGCD.

The District has also requested a proposal from Intera for updating the Water Level Assessment Report with CY2021 water level. The cost of the Update Water Level Analysis project is $10,000 ($2,500 per GCD).

Board Action: Mr. Dugger moved to 1) accept the proposals, 2) authorize the General Manage to initiate the projects upon approval to equally share costs for the project by the boards of VCGCD, RGCD, and CCGCD. Mr. Skalicky seconded the motion. The motion passed unanimously.

5.2 - Drought Monitoring

Management Discussion: Mr. Andruss explained that the U.S. Drought Monitor, produced through a partnership between the National Drought Mitigation Center at the University of Nebraska-Lincoln, the United States Department of Agriculture, and the National Oceanic and Atmospheric Administration, indicates that no portions of Jackson County were experiencing dry or drought conditions as of September 7, 2021.

Board Action: None.

6. Consideration of and possible action on matters related to groundwater conservation.

Management Discussion: None.

Board Action: None.

7. Consideration of and possible action on matters related to groundwater resource planning including Groundwater Management Area 15 Joint Planning and regional water planning.

7.1 - Report regarding Groundwater Resource Planning

Management Discussion: Mr. Andruss explained that the District will participate in the next Region P Regional Water Planning Group Meeting anticipated to be held at the LNRA offices in Jackson County.

The District will participate in the Management Area 15 Meeting on October 14, 2021, at 9:30 AM at Jackson County Services Building in Edna.

Board Action: None.

7.2 - Summary of Public Comment Period re Proposed DFC

Management Discussion: Mr. Andruss explained that on July 15, 2021, the District conducted a public hearing regarding the desired future condition proposed for adoption on April 8, 2021, for GMA 15. The proposed DFC specifies the following relevant to Texana GCD:

1. The Desired Future Condition for the counties in the groundwater management area (gma-specific DFC) shall not exceed an average drawdown of 13 feet for the Gulf Coast Aquifer System in December 2080; and
2. Jackson County: 15 feet of drawdown of the Gulf Coast Aquifer System.

During the public comment period, the District received written comments from the organization Neighbors Against Destroying Aquifers (NADA) dated July 15, 2021. NADA asserts within the written comments that the District, as well as GMA 15, would violate 36.108(d)(8) of the Texas Water Code relating to the consideration of "the feasibility of achieving the desired future condition." NADA recommends that the District suggest a revision to the proposed DFC to 1) limit the acceptable level of drawdown in the Gulf Coast Aquifer from 15 feet to 0 feet at 2080, and 2) set a water quality-specific conditions limiting increases of total dissolved solids, on average, to not more than 50 mg/L per year (i.e., 2,000 mg/L over a 40-year period).

The representatives of GMA 15 considered each of the factors identified in 36.108(d)of the Texas Water Code before approving the desired future condition proposed for adoption on April 8, 2021.

At the conclusion of the technical work to evaluate the 36.108(d) factors and the process to draft the desired future condition proposed for adoption, the technical consultant affirmed that the draft of the desired future condition proposed for adoption was feasible.

Board Action: None.

8. Consideration of and possible action on matters related to groundwater policy including the Management Plan of the District and the Rules of the District.

Management Discussion: None.

Board Action: None.

9. Consideration of and possible action on matters related to groundwater research.

Management Discussion: None.

Board Action: None.

10. Consideration of and possible action on matters related to performance management including management goals and objectives of the District.

    Management Discussion: None.

    Board Action: None.

11. Consideration of and possible action on matters related to meeting management including minutes of previous meetings.

    11.1 - Report regarding Meeting Management

    Management Discussion: Mr. Andruss explained that the next meeting of the Board of Directors is scheduled for October 28, 2021, at 8:30 AM in the Jackson County Services Building, 411 N. Wells, Edna, Texas 77957.

    Board Action: None.

    11.2 - Minutes of Previous Meeting

    Management Discussion: Mr. Andruss explained that the minutes for the meeting held on August 19, 2021, were sent the board members prior to the meeting.

    Board Action: Mr. Revel moved to accept and approved the meeting minutes for August 19, 2021, as drafted. Mr. Koop seconded the motion. The motion passed unanimously.

12. Consideration of and possible action on matters related to financial management including the annual budget of the district, the adoption of the annual budget for Fiscal Year 2022, the hearing on the proposed tax rate for Tax Year 2021, approval of the appraisal roll for Tax Year 2021, financial reports of the district, bills and invoices of the district.

    12.1 - Proposed Budget for FY2022

    Management Discussion: Mr. Andruss explained that the proposed budget was published on the home page of the website of the District on September 9, 2021. The District has received no comments on the proposed budget as of September 13, 2021.

    Board Action: Mr. Revel moved to approve and adopt the proposed budget for FY2022 by order. Mr. Dugger seconded the motion. The motion passed unanimously.

    12.2 - Tax Rate for FY2021

Management Discussion: Mr. Andruss explained that the District completed the public notice requirements related the required public hearing regarding the proposed tax rate for tax year 2021. The District has received ten comments on the proposed tax rate for tax year 2021 as of September 14, 2021.

The Board proposed a tax rate of $0.008700/$100 value for Tax Year 2021. If the Board adopts the proposed rate, the tax rate would be lower than the current rate of $0.009100/$100 value but would exceed the No-New-Revenue Rate by 7.41%. The taxes on a $100,000 home would be increased by -$0.40. However, due to the increase to the Total Taxable Value, the proposed tax rate is anticipated to generate an addition $19,560 as compared to the tax levy for Tax Year 2020.

Board Action: Mr. Revel moved to approve and adopt the proposed tax rate of $0.008700/$100 value as the tax rate for tax year 2021 and adopt the Order Adopting Tax Rate for Tax Year 2021. Mr. Koop seconded the motion. The motion passed unanimously.

12.3 - Appraisal Roll for FY2021

Management Discussion: None.

Board Action: Mr. Skalicky moved to accept and approve the appraisal roll for Tax Year 2021 adopt the Order Approving the 2021 Appraisal Roll. Mr. Koop seconded the motion. The motion passed unanimously.

12.4 - Report on Financial Management

Management Discussion: Mr. Andruss explained that the financial reports for August 2021have been compiled, reviewed, and sent to the board members prior to the meeting. All accounts reconcile with internal records. All expenditures are related to business of the District and properly authorized.

Board Action: Mr. Skalicky moved to accept and approve the financial records for August 2021. Mr. Koop seconded the motion. The motion passed unanimously.

12.5 - Unpaid Accounts Payable

Management Discussion: Mr. Andruss explained that the District has outstanding accounts payable invoices that are not considered regular and routine for which the District has received the goods and services billed for under the invoices.

Board Action: Mr. Dugger moved to authorize the general manager to pay the following items: TGCD - Adm - FM - Accounts Payable - ACCTP-20210920-01 - $6,500.00 - Invoice No. ILA-202108-T - VCGCD - OPEN Mr. Skalicky seconded the motion. The motion passed unanimously.

13. Consideration of and possible action on matters related to office administration and management including personnel, staffing, employment agreements, consultant agreements, interlocal cooperation agreements, and support services provided to and from other groundwater conservation districts.

    13.1 - Report regarding Administration and Management

    Management Discussion: Mr. Andruss explained that the VCGCD has extended an offer of employment to Ms. Caitlynn Davenport for the position of Administrative Coordinator with her first day of employment schedule for October 5, 2021. Ms. Davenport will share time between the offices of VCGCD, RGCD, and CCGCD and support TGCD remotely.

    The office computer used by Ms. Whittley was purchased in 2016 and is insufficient for the current operations of the office.

    Board Action: Mr. Dugger moved to authorize the purchase of a new office computer as well as the surplus and disposal of the existing computer. Mr. Koop seconded the motion. The motion passed unanimously.

14. Consideration of and possible action on matters related to legal counsel report.

    Management Discussion: None.

    Board Action: None.

15. Adjourn.

    Mr. Skalicky moved to adjourn the meeting at 9:35 AM, after concluding all business of the District.
    Mr. Dugger seconded the motion. The motion passed.

    The above and foregoing minutes were read and approved on this the _____ day of _____, _____.

    ATTEST:

District Director

District Director

# Texana Groundwater Conservation District

411 N. Wells, Room 118, Edna, Texas 77957
P.O. Box 1098, Edna, Texas 77957
Phone (361) 781-0624 | Fax (361) 781-0453 | www.texanagcd.org

## INVESTMENT REPORT
## Fiscal Year 2020 – 2021
## As of September 30, 2021

**Detailed Description of Investment Position - PFIA 2256.023(b)(1)**
The investment position of the Texana Groundwater Conservation District (District) during the reporting period was restricted to: 1) cash deposited into an interest-bearing, demand deposit account for the purposes of holding monies of the Operating Fund, and 2) cash deposited into an interest-bearing, money-market account for the purposes of holding monies of the Operating Fund and Reserve Fund.

During the reporting period, the District deposited cash in an interest-bearing, demand deposit account at Prosperity Bank (Account Number: 217837512) for the purpose of holding monies of the Operating Fund, receiving interest deposits of the account, receiving deposits of district fees, and paying of bills and invoices of the District.

During the reporting period, the District deposited cash in an interest-bearing, money market account at Prosperity Bank (Number: 219189448) for the purpose of holding monies of the Operating Fund and the Reserve Fund, receiving interest deposits of the account, and receiving ad valorem tax revenue deposits.

The accounts are secured by FDIC insurance and pledged collateral in accordance with state law and the Investment Policy of the District.

**Summary of Pooled Fund Groups – PFIA 2256.023(b)(4)(A-D)**
The District did not invest any portion of its funds in any pooled fund groups during the reporting period.

| | |
|---|---|
| Beginning Market Value of Investments in Pooled Fund Groups: | $0.00 |
| Additions and Changes to the Market Value of Investments in Pooled Fund Groups: | $0.00 |
| Ending Market Value of Investments in Pooled Fund Groups: | $0.00 |
| Fully Accrued Interest of Investments in Pooled Fund Groups: | $0.00 |

**Book and Market Values by Asset Type and Fund Type Statement – PFIA 2256.023(b)(5)**

| Asset Type | Institution | Fund Types | Book Value | Market Value |
|---|---|---|---|---|
| Interest-Bearing Demand Deposit Bank Account* | Prosperity Bank | Operating | $100,467.70 | $100,467.70 |
| Interest-Bearing Money Market Bank Account* | Prosperity Bank | Operating and Reserve | $522,192.16 | $522,192.16 |
| | | Total: | $622,659.86 | $622,659.86 |

* Based on monthly statements provided by banking institutions.

**Summary of Insurance and Collateral by Institution**

| Institution | FDIC Insurance | Market Value of Pledged Securities as Collateral | Total Insurance and Pledged Securities |
|---|---|---|---|
| Prosperity Bank | $250,000.00 | $656,495.04 | $906,495.04 |

* Based on statements provided by banking institutions.

**Asset Maturity Date Statement – PFIA 2256.0023(b)(6)**

| Asset | Maturity Date |
|---|---|
| Operating Funds in Interest-Bearing Demand Deposit Account | N/A |
| Reserve Funds in Interest-Bearing Money Market Account | N/A |

**Investments for Funds Statement – PFIA 2256.0023(b)(7)**

| Investment | Fund |
|---|---|
| Cash Deposits in Interest-Bearing Demand Deposit Account | Operating |
| Cash Deposits in Interest-Bearing Money Market Account | Reserve |

**Statement of Compliance – PFIA 2256.0023(b)(8)**

The portfolio of the District is believed to be in compliance with the District's Investment Strategy expressed in the District's Investment Policy and the Public Funds Investment Act.

**Statement regarding Report Preparation – PFIA 2256.0023(b)(2-3)**

By my signature, I represent that 1) this report was written under my direct supervision; 2) I have thoroughly reviewed all the information contained within and used to develop this report; and 3) I believe this report to be true and correct to the best of my knowledge.

Timothy A. Andruss, TGCD Investment Officer — Date: 1//18/21