

RICARDO WATER SUPPLY CORPORATION

2302 E. SAGE RD.

KINGSVILLE, TEXAS 78363

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MEMORANDUM

TO: Ricardo Water Supply Corporation Board of Directors
FROM: Baldemar Garcia, President
DATE: May 5, 2021
SUBJECT: Ricardo Water Supply Corporation Meeting Notice and Agenda

A Regular Meeting of the Ricardo Water Supply Corporation Board of Directors is scheduled for:

Wednesday, May 12, 2021

5:30 p.m.

South Texas Water Authority Boardroom
2302 East Sage Road, Kingsville, Texas

to consider and act upon any lawful subject which may come before it, including among others, the following:

Agenda

1. Call to order.
2. Citizen comments.
3. Approval of Minutes. (Attachment 1)
4. Treasurer's Report/Payment of Bills. (Attachment 2)
5. All matters pertaining to TxDOT Upgrades on US 77/169 at CR 2120/FM772 and from CR 2130 south to CR 2230. (Attachment 3)
 - Funding Options
6. Proposed Tariff Amendment -- Section E (13) -- Due Dates, Delinquent Bills, and Service Disconnection Date. (Attachment 4)
7. February 2021 Winter Storm/Freeze Event. (Attachment 5)
8. Adjournment.

This meeting notice was posted on RWSC's website, www.ricardowsc.com, and on indoor and outdoor bulletin boards at RWSC's administrative offices, 2302 East Sage Road, Kingsville, Texas at 4:45 am/noon on May 7, 2021
Francisco De Jesus
Assistant Secretary

The Board may go into closed session at any time when permitted by Chapter 551, Government Code. Before going into closed session, a quorum of the Board must be assembled in the meeting room, the meeting must be convened as an open meeting pursuant to proper notice, and the presiding officer must announce that a closed session will be held and must identify the sections of Chapter 551, Government Code, authorizing the closed session.

BG/CGS/fdl
Attachments

ATTACHMENT 1

Approval of Minutes

RICARDO WATER SUPPLY CORPORATION
Regular Meeting Minutes
April 13, 2021
(This meeting was held remotely by phone and Zoom.)

Board Members Present:

Baldemar Garcia
Robert Zavala
Oliver Hinojosa
Frank Escobedo
James Fischer
Robert Garza
Tim Robertson

Board Members Absent:

James Fischer

Staff Present:

Carola G. Serrato
Frances De Leon
Jo Ella Wagner
Nigel Gomez

Guests Present:

Hector Castaneda, Ardurra

1. Call to Order.

Board President Baldemar Garcia called the Regular Meeting of the Ricardo Water Supply Corporation Board of Directors to order at 5:44 p.m. A quorum was present.

2. Citizen comments.

Mr. Garcia opened the floor to citizen comments. No citizen comments were made.

3. Election of officers.

Mr. Zavala made a motion to re-elect the current slate of officers by acclamation. Mr. Garza seconded. All voted in favor.

The slate of officers remains unchanged as follows:

President – Baldemar Garcia
Vice-President – Robert Zavala
Secretary/Treasurer – Oliver Hinojosa

4. Approval of Minutes.

Mr. Garza made a motion to approve the minutes of the March 4, 2021 Regular Meeting as presented. Mr. Escobedo seconded and the motion carried.

5. Treasurer's Report/Payment of Bills.

The following financial reports were presented for Board review and approval:

Treasurer's Report as of January 31, 2021
Account Activity for General Account for January 1, 2021 to January 31, 2021
Account Activity for Operations Account for January 1, 2021 to January 31, 2021
TEXPOOL Participant Statement for 01/01/2021 – 01/31/2021 for General Account
TEXPOOL Participant Statement for 01/01/2021 – 01/31/2021 for Membership Deposit Account
TEXPOOL Participant Statement for 01/01/2021 – 01/31/2021 for USDA Reserve Account
TexSTAR General Account Statement for 01/01/2021 – 01/31/2021
Treasurer's Report as of February 28, 2021
Account Activity for General Account for February 1, 2021 to February 28, 2021
Account Activity for Operations Account for February 1, 2021 to February 28, 2021
TEXPOOL Participant Statement for 02/01/2021 – 02/28/2021 for General Account
TEXPOOL Participant Statement for 02/01/2021 – 02/28/2021 for Membership Deposit Account
TEXPOOL Participant Statement for 02/01/2021 – 02/28/2021 for USDA Reserve Account
TexSTAR General Account Statement for 02/01/2021 – 02/28/2021
Water Loss Reports for December 2020 – January 2021, January – February 2021 and February – March 2021

The following bills were presented for payment:

STWA Invoice S21-042 February 2021 Water Usage, Water Cost and Handling Charge	\$20,081.91
STWA Invoice S21-043 February 2021 General and Administration	\$17,883.37
STWA Invoice S21-048 February 2021 Taps and Repairs	\$ 4,785.00
STWA Invoice S21-050 Reimbursements for supplies and materials	\$ 347.95

Mr. Garcia questioned the location of a leak listed on the January – February 2021 Water Loss report listed as CR 1065/CR 2180 out of Pump Station #1. He stated that he believes this is an error because that area would be served by Pump Station #2. Ms. Serrato stated that staff would look into it and provide updated information at the next meeting. A motion was made by Mr. Robertson and seconded by Mr. Zavala to approve the Treasurer's Report and payment of the bills. The motion carried.

6. Appointment of Credentials Committee.

At the April 14, 2020 meeting, Mr. Oliver Hinojosa, Mr. Frank Escobedo and Mr. Robert Wagner were appointed to the Credentials Committee. Because Mr. Hinojosa will be up for re-election next April, he is not eligible to serve on the Committee this year. Mr. Hinojosa made a

motion to appoint Mr. Fischer and Mr. Zavala to the Credentials Committee. Mr. Garza seconded and all voted in favor.

7. All matters pertaining to TxDOT Upgrades on US 77/I69 at CR 2120/FM 772 and from CR 2130 south to CR 2230.

Ms. Serrato reported that return of the Corporation's 10% withheld amount (\$28,108.50) is expected after TxDOT's audit which should be complete by June of 2021. She also reported that work on the design for the adjustments continues and should be submitted to TxDOT's consultant within the next two weeks.

Ms. Serrato stated that she contacted Ms. Anne Burger-Entrekin about financing options for the project and presented several loan scenarios provided by Ms. Burger-Entrekin. Closing cost is estimated at \$33,000 which would be added to the engineer's \$505,000 estimate. TWDB may require making the loan in \$5,000 increments. She provided information on 20 and 30-year loans for the amounts of \$538,000 and \$540,000 with annual debt service from \$29,241 to \$36,797 or \$2,437 to \$3,082 monthly resulting in a monthly impact of \$2.28 to \$2.89 per account. Ms. Serrato added that if the project bids come in lower, the excess funds can be redirected to the Corporation's other needed projects. The Board agreed that financing the project would be necessary and to authorize Ms. Serrato to continue researching financing options.

The order of the agenda was changed in order to accommodate the guest, Mr. Hector Castaneda of Ardurra.

10. Discuss and consider executing a Memorandum of Agreement with Kleberg County related to the 2021-22 TxCDBG Colonia Fund.

Ms. Serrato stated that she was contacted by Roxanne Sandoval, Application Specialist with GrantWorks, who indicated that she had been selected by Kleberg County to seek grant funds. Ms. Sandoval asked if RWSC is considering any projects that would benefit all of the RWSC service area as opposed to only certain sections. Ms. Serrato believes that replacement of the transmission line south of FM 772N that was originally installed by South Texas Water Authority about 35 years ago would qualify. She explained that the line is an old ductile iron line that has experienced several leaks in the past and may be contributing to maintaining residual levels at the pump station delivery points and would therefore benefit all RWSC customers. Ms. Sandoval indicated that the application would be submitted by Kleberg County on behalf of the RWSC. Ms. Serrato presented the necessary Memorandum of Agreement and added that Kleberg County has already approved the MOA. Mr. Zavala made a motion to approve the MOA with Kleberg County Commissioners Court for submittal of a grant application to replace the transmission line south of FM 772N. Mr. Escobedo seconded. All voted in favor.

8. COVID-19 Pay Plan Lockout Procedures.

Ms. Serrato explained that due to COVID-19, the Corporation has been operating under modified billing procedures which provide for additional time for customers to pay their balances. She

requested direction on whether to revert to the original procedures or to present Tariff amendments adopting procedures to allow additional time for paying bills. After discussing the options, the Board agreed by consensus to authorize Ms. Serrato to present Tariff amendments for a modified disconnection of service cycle.

9. February 2021 Winter Storm/Freeze Event.

Ms. Serrato reported that insurance claims on the storm damage have been submitted and an inspector will be providing an assessment on the damaged ground storage tank at Pump Station #2. She also reported that the overtime cost associated with the freeze event was \$1,990.70 and the estimated cost to-date to the Corporation is \$3,849.35. The crack at the top of the PS#2 ground storage tank, the yard piping at Pump Station #3 and the 10" valve on the bypass at Pump Station #21 still need to be addressed. She stated that she would continue to provide updates to the Board.

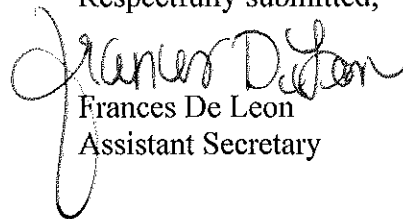
11. On-call Concerns.

Ms. Serrato stated that she wanted to make the Board aware of a recent situation in case it recurs. She stated that recently a call was received by the answering service reporting an overflow at a RWSC ground storage tank but the provided address was unclear. The pump stations were all checked but no evidence of an overflow was found. At this time, it appears to have been a false alarm. Ms. Serrato stated that she would inform the Board if another such call is received and that the matter may need to be discussed with the Corporation's attorney.

12. Adjournment.

With no further business to conduct, Mr. Garza made a motion to adjourn the meeting at 6:52 p.m. Mr. Robertson seconded and all voted in favor.

Respectfully submitted,


Frances De Leon
Assistant Secretary

ATTACHMENT 2

Treasurer's Report/Payment of Bills

Ricardo Water Supply Corporation
Treasurer's Report
As of February 28, 2021
*****Corrected*****

General Account - KFNB	\$118,269.82
General Account - TexPool	\$336,054.42
General Account - TexPool Prime	\$117,383.09
General Account - TexSTAR	\$299,573.75
Operations Account - KFNB	\$7,670.30
Membership Deposit & Refund Account - TexPool	\$110,082.70
Debt Service Account	\$9,073.18
Reserve Account	\$87,878.44
Petty Cash	\$50.00
Cash Drawer	\$100.00
TOTAL	<u><u>\$1,086,135.70</u></u>

	12/14/2020 Billing Reg.	1/13/2021 Billing Reg.	2/12/2021 Billing Reg.
Total Usage (Gal)	7,989,910	6,985,130	6,691,880
Water Sales (\$)	\$77,160.57	\$72,856.78	\$73,256.25
Adjustments	(\$1,514.78)	\$982.95	\$618.06
Turn on Charge	\$0.00	\$0.00	\$0.00
Late Charges	\$1,158.00	\$1,011.00	\$1,132.00
Past Due	\$22,121.10	\$20,991.90	\$19,836.87
Tax	\$419.05	\$396.47	\$399.92
Leak Pay Plan	\$421.06	\$431.40	\$480.92
Sewage	\$6,626.21	\$6,414.93	\$6,539.59
Total Receivables	<u><u>\$106,391.21</u></u>	<u><u>\$103,085.43</u></u>	<u><u>\$102,263.61</u></u>
METERS ON LINE	1055	1053	1060

**RICARDO WATER SUPPLY CORP.
GENERAL
FEBRUARY 2021**

DATE	DESCRIPTION	CK NO.	DEPOSIT	DISBURSEMENT	BALANCE
	BEGINNING BALANCE				\$100,648.45
02-01	WATER RECEIPTS	DEP	\$2,550.56		\$103,199.01
02-01	ONLINE PAYMENTS	DEP	\$755.33		\$103,954.34
02-02	WATER RECEIPTS	DEP	\$923.03		\$104,877.37
02-02	ONLINE PAYMENTS	DEP	\$329.63		\$105,207.00
02-02	RICARDO WASTEWATER IMP. CORP.	4074		\$3,020.37	\$102,186.63
02-03	WATER RECEIPTS	DEP	\$1,891.40		\$104,078.03
02-03	ONLINE PAYMENTS	DEP	\$418.63		\$104,496.66
02-03	R. GUTIERREZ #1259 MEMBERSHIP	DEP	\$1,310.00		\$105,806.66
02-03	R. RIVERA #1260 MEMBERSHIP	DEP	\$1,010.00		\$106,816.66
02-03	C. COLLINS #1233 MEMBERSHIP	DEP	\$401.35		\$107,218.01
02-03	J. TREVINO JR #669 TRANSFER	DEP	\$25.00		\$107,243.01
02-03	P. BROWN/J. TREVINO JR#669	DEP	\$366.38		\$107,609.39
02-04	KFNB-REFUND DISPOSABLE DEP. BAGS	DEP	\$92.68		\$107,702.07
02-04	WATER RECEIPTS	DEP	\$1,862.73		\$109,564.80
02-04	ONLINE PAYMENTS	DEP	\$1,257.05		\$110,821.85
02-05	WATER RECEIPTS	DEP	\$2,325.52		\$113,147.37
02-05	ONLINE PAYMENTS	DEP	\$1,717.24		\$114,864.61
02-06	ONLINE PAYMENTS	DEP	\$569.48		\$115,434.09
02-07	ONLINE PAYMENTS	DEP	\$316.88		\$115,750.97
02-08	WATER RECEIPTS	DEP	\$4,491.59		\$120,242.56
02-08	ONLINE PAYMENTS	DEP	\$1,220.31		\$121,462.87
02-09	WATER RECEIPTS	DEP	\$3,131.35		\$124,594.22
02-09	ONLINE PAYMENTS	DEP	\$2,363.53		\$126,957.75
02-10	WATER RECEIPTS (Error: Entered as \$4,768.68 instead of \$4,780.68) Difference of \$12.00	DEP	\$4,780.68		\$131,738.43
02-10	ONLINE PAYMENTS	DEP	\$2,534.01		\$134,272.44
02-11	WATER RECEIPTS	DEP	\$1,209.11		\$135,481.55
02-11	ONLINE PAYMENTS	DEP	\$1,679.28		\$137,160.83
02-11	S. VERN #574 CALLOUT	DEP	\$85.00		\$137,245.83
02-12	WATER RECEIPTS	DEP	\$215.81		\$137,461.64
02-13	ONLINE PAYMENTS	DEP	\$1,940.92		\$139,402.56
02-12	ONLINE PAYMENTS	DEP	\$1,089.34		\$140,491.90
02-14	ONLINE PAYMENTS	DEP	\$426.69		\$140,918.59
02-15	ONLINE PAYMENTS	DEP	\$493.01		\$141,411.60
02-16	WATER RECEIPTS	DEP	\$135.76		\$141,547.36
02-16	ONLINE PAYMENTS	DEP	\$965.13		\$142,512.49
02-17	WATER RECEIPTS	DEP	\$427.31		\$142,939.80
02-17	ONLINE PAYMENTS	DEP	\$710.79		\$143,650.59
02-18	WATER RECEIPTS	DEP	\$554.90		\$144,205.49
02-18	DEP CORRECTION	DEP	\$1.00		\$144,206.49
02-18	ONLINE PAYMENTS	DEP	\$706.38		\$144,912.87
02-18	RICARDO WASTEWATER IMP. CORP.	4075		\$2,777.75	\$142,135.12
02-19	WATER RECEIPTS	DEP	\$1,554.41		\$143,689.53

02-19	ONLINE PAYMENTS	DEP	\$474.93		\$144,164.46
02-19	STWA- WATER	4076		\$24,265.07	\$119,899.39
02-19	STWA- GEN & ADMIN	4077		\$19,508.14	\$100,391.25
02-19	STWA-TAPS & REPAIRS	4078		\$4,394.04	\$95,997.21
02-19	STWA- REIMBURSEMENT JAN.	4079		\$80.03	\$95,917.18
02-19	RICARDO WSC- OPERATIONS	4080		\$7,000.00	\$88,917.18
02-20	ONLINE PAYMENTS	DEP	\$179.37		\$89,096.55
02-21	ONLINE PAYMENTS	DEP	\$364.96		\$89,461.51
02-22	WATER RECEIPTS	DEP	\$4,064.59		\$93,526.10
02-22	ONLINE PAYMENTS	DEP	\$1,026.23		\$94,552.33
02-22	ACH BANK DRAFTS	DEP	\$12,057.09		\$106,609.42
02-23	WATER RECEIPTS	DEP	\$593.04		\$107,202.46
02-23	ONLINE PAYMENTS	DEP	\$1,200.72		\$108,403.18
02-24	WATER RECEIPTS	DEP	\$3,311.65		\$111,714.83
02-24	ONLINE PAYMENTS	DEP	\$929.24		\$112,644.07
02-24	V. PEREZ #1209 TRANSFER FEE	DEP	\$25.00		\$112,669.07
02-25	WATER RECEIPTS	DEP	\$1,484.88		\$114,153.95
02-25	ONLINE PAYMENTS	DEP	\$867.50		\$115,021.45
02-26	WATER RECEIPTS	DEP	\$1,033.36		\$116,054.81
02-26	ONLINE PAYMENTS	DEP	\$1,615.08		\$117,669.89
02-27	ONLINE PAYMENTS	DEP	\$159.91		\$117,829.80
02-28	ONLINE PAYMENTS	DEP	\$438.15		\$118,267.95
02-28	INTEREST EARNED	DEP	\$1.87		\$118,269.82
			\$78,666.77	\$61,045.40	

Ricardo Water Supply Corporation
Treasurer's Report
As of March 31, 2021

General Account - KFNB	\$167,911.63
General Account - TexPool	\$326,184.80
General Account - TexPool Prime	\$117,392.20
General Account - TexSTAR	\$299,579.23
Operations Account - KFNB	\$13,238.86
Membership Deposit & Refund Account - TexPool	\$110,084.46
Debt Service Account	\$9,073.18
Reserve Account	\$88,862.71
Petty Cash	\$50.00
Cash Drawer	\$100.00
TOTAL	<u><u>\$1,132,477.07</u></u>

	1/13/2021 Billing Reg.	2/12/2021 Billing Reg.	3/12/2020 Billing Reg.
Total Usage (Gal)	6,985,130	6,691,880	8,192,920
Water Sales (\$)	\$72,856.78	\$73,256.25	\$79,816.22
Adjustments	\$982.95	\$618.06	\$2,958.50
Turn on Charge	\$0.00	\$0.00	\$0.00
Late Charges	\$1,011.00	\$1,132.00	\$1,044.00
Past Due	\$20,991.90	\$19,836.87	\$21,648.40
Tax	\$396.47	\$399.92	\$433.80
Leak Pay Plan	\$431.40	\$480.92	\$376.46
Sewage	\$6,414.93	\$6,539.59	\$6,794.34
Total Receivables	<u><u>\$103,085.43</u></u>	<u><u>\$102,263.61</u></u>	<u><u>\$113,071.72</u></u>
METERS ON LINE	1053	1060	1060

RICARDO WATER SUPPLY CORP.
GENERAL
MARCH 2021

DATE	DESCRIPTION	CK NO.	DEPOSIT	DISBURSEMENT	BALANCE
	BEGINNING BALANCE				\$118,269.82
03-01	WATER RECEIPTS	DEP	\$5,589.19		\$123,859.01
03-01	ONLINE PAYMENTS	DEP	\$1,093.42		\$124,952.43
03-02	WATER RECEIPTS	DEP	\$881.27		\$125,833.70
03-02	ONLINE PAYMENTS	DEP	\$634.99		\$126,468.69
03-02	RICARDO WASTEWATER IMP. COR	4081		\$2,451.42	\$124,017.27
03-02	C. LOPEZ #1261 MEMBERSHIP	DEP	\$1,310.00		\$125,327.27
03-02	O. GONZALEZ #369 MEMBERSHIP	DEP	\$467.00		\$125,794.27
03-03	WATER RECEIPTS	DEP	\$3,286.05		\$129,080.32
03-03	ONLINE PAYMENTS	DEP	\$920.74		\$130,001.06
03-04	WATER RECEIPTS	DEP	\$2,142.29		\$132,143.35
03-04	ONLINE PAYMENTS	DEP	\$458.44		\$132,601.79
03-04	B. MORALES #1262 MEMBERSHIP	DEP	\$1,310.00		\$133,911.79
03-05	WATER RECEIPTS	DEP	\$2,866.02		\$136,777.81
03-05	ONLINE PAYMENTS	DEP	\$1,603.56		\$138,381.37
03-06	ONLINE PAYMENTS	DEP	\$435.22		\$138,816.59
03-07	ONLINE PAYMENTS	DEP	\$844.93		\$139,661.52
03-08	WATER RECEIPTS	DEP	\$3,451.78		\$143,113.30
03-08	ONLINE PAYMENTS	DEP	\$1,666.69		\$144,779.99
03-09	WATER RECEIPTS	DEP	\$2,639.09		\$147,419.08
03-09	TRACKER SERVICES #1223 WH DEP	DEP	\$50.00		\$147,469.08
03-09	J. LOPEZ #1263 MEMBERSHIP	DEP	\$1,310.00		\$148,779.08
03-09	ONLINE PAYMENTS	DEP	\$1,982.90		\$150,761.98
03-10	WATER RECEIPTS	DEP	\$4,495.94		\$155,257.92
03-10	WATER RECEIPT CORRECTION	DEP	\$0.64		\$155,258.56
03-10	ONLINE PAYMENTS	DEP	\$2,583.83		\$157,842.39
03-11	WATER RECEIPTS	DEP	\$1,191.93		\$159,034.32
03-11	ONLINE PAYMENTS	DEP	\$1,415.21		\$160,449.53
03-11	B. MEJIA #1264 MEMBERSHIP	DEP	\$200.00		\$160,649.53
03-11	J. M. GARCIA III- ANALYSIS	DEP	\$400.00		\$161,049.53
03-12	WATER RECEIPTS	DEP	\$662.67		\$161,712.20
03-12	ONLINE PAYMENTS	DEP	\$1,864.51		\$163,576.71
03-13	ONLINE PAYMENTS	DEP	\$678.67		\$164,255.38
03-14	ONLINE PAYMENTS	DEP	\$607.89		\$164,863.27
03-15	WATER RECEIPTS	DEP	\$701.21		\$165,564.48
03-15	ONLINE PAYMENTS	DEP	\$1,296.26		\$166,860.74
03-16	WATER RECEIPTS	DEP	\$448.78		\$167,309.52
03-16	ONLINE PAYMENTS	DEP	\$1,214.82		\$168,524.34
03-16	CAVAZOS #1265 METER INSTALL	DEP	\$1,352.61		\$169,876.95
03-16	INSF. FUNDS- D. CRUZ#686	NSF		\$88.82	\$169,788.13
03-17	WATER RECEIPTS	DEP	\$972.49		\$170,760.62
03-17	ONLINE PAYMENTS	DEP	\$1,487.96		\$172,248.58

03-18	WATER RECEIPTS	DEP	\$1,112.73		\$173,361.31
03-18	ONLINE PAYMENTS	DEP	\$1,191.39		\$174,552.70
03-18	RICARDO WASTEWATER IMP. COR	4082		\$4,030.62	\$170,522.08
03-18	STWA- WATER	4083		\$20,081.91	\$150,440.17
03-18	STWA- GEN. & ADMIN.	4084		\$17,883.37	\$132,556.80
03-18	STWA- TAPS & REPAIRS	4085		\$4,785.00	\$127,771.80
03-18	STWA- REIMBURSEMENT	4086		\$347.94	\$127,423.86
03-19	WATER RECEIPTS	DEP	\$1,515.86		\$128,939.72
03-19	ONLINE PAYMENTS	DEP	\$1,438.43		\$130,378.15
03-19	G. LANGBECKER#1266 MEMBERSHIP	DEP	\$1,310.00		\$131,688.15
03-19	ACH BANK DRAFTS	DEP	\$13,360.22		\$145,048.37
03-19	ACH PAYMENT-F. PATTILLO#1054	DEB		\$6.87	\$145,041.50
03-19	ACH PAYMENT-F. PATTILLO#522	DEB		\$6.87	\$145,034.63
03-20	ONLINE PAYMENTS	DEP	\$365.55		\$145,400.18
03-21	ONLINE PAYMENTS	DEP	\$280.07		\$145,680.25
03-22	WATER RECEIPTS	DEP	\$4,840.96		\$150,521.21
03-22	ONLINE PAYMENTS	DEP	\$461.93		\$150,983.14
03-23	WATER RECEIPTS	DEP	\$1,366.06		\$152,349.20
03-23	ONLINE PAYMENTS	DEP	\$767.07		\$153,116.27
03-23	K. CANO #568 RESERVICE	DEP	\$835.00		\$153,951.27
03-24	WATER RECEIPTS	DEP	\$1,620.45		\$155,571.72
03-24	ONLINE PAYMENTS	DEP	\$1,480.23		\$157,051.95
03-25	WATER RECEIPTS	DEP	\$1,133.11		\$158,185.06
03-25	ONLINE PAYMENTS	DEP	\$787.66		\$158,972.72
03-26	WATER RECEIPTS	DEP	\$742.32		\$159,715.04
03-26	ONLINE PAYMENTS	DEP	\$620.31		\$160,335.35
03-28	ONLINE PAYMENTS	DEP	\$97.97		\$160,433.32
03-29	WATER RECEIPTS	DEP	\$5,601.34		\$166,034.66
03-29	ONLINE PAYMENTS	DEP	\$111.38		\$166,146.04
03-30	WATER RECEIPTS	DEP	\$200.40		\$166,346.44
03-30	ONLINE PAYMENTS	DEP	\$314.06		\$166,660.50
03-30	K. CANO #568 2ND CSI	DEP	\$50.00		\$166,710.50
03-31	WATER RECEIPTS	DEP	\$592.93		\$167,303.43
03-31	ONLINE PAYMENTS	DEP	\$605.61		\$167,909.04
03-31	INTEREST EARNED	DEP	\$2.59		\$167,911.63
			\$99,324.63	\$49,682.82	

RICARDO WATER SUPPLY CORPORATION
OPERATIONS

2021

DATE	DESCRIPTION	CK NO.	DEPOSITS	DISBURSE.	BALANCE
MARCH 2021					\$7,670.30
03-03	PSI HOLDINGS	ACH		\$32.48	\$7,637.82
03-02	WILLATT & FLICKINGER, PLLC	6466		\$306.00	\$7,331.82
03-12	ECONOMY PRINTING	6467		\$254.02	\$7,077.80
03-12	JOHN WOMACK & CO, P.C.	6468		\$169.18	\$6,908.62
03-12	MCCOY'S BUILDING SUPPLY	6469		\$16.30	\$6,892.32
03-12	TEXAS EXCAVATION SAFETY SYS	6470		\$40.85	\$6,851.47
03-18	BFMC, Inc.	6471		\$578.80	\$6,272.67
03-18	CITY OF CC- CENTRAL CASHIER	6472		\$34.00	\$6,238.67
03-19	RWSC OPERATION	DEP	\$7,000.00		\$13,238.67
03-31	INTEREST EARNED	DEP	\$0.19		\$13,238.86
			\$7,000.19	\$1,431.63	

TexPool Participant Services
 1001 Texas Avenue, Suite 1150
 Houston, TX 77002



TEXAS TRUST
 TEXAS TREASURY SAFEGUARDING TRUST COMPANY
 COMPTROLLER GLENN HEGAR, CHAIRMAN

RECEIVED

APR 09 2021

Participant Statement

RICARDO WATER SUPPLY CORP
 GENERAL ACCT
 ATTN CAROLA G SERRATO
 2302 E SAGE ROAD
 KINGSVILLE TX 78363-3328

RICARDO WATER SUPPLY CORPORATION

Statement Period 03/01/2021 - 03/31/2021

Page 1 of 2

Customer Service 1-866-TEX-POOL
 Location ID 000077893
 Investor ID 000007578

TexPool Update

It's spring cleaning time! Review a current listing of your authorized representatives and contact information by requesting an Account Information Report from TexConnect or the TexPool Participant Services team. Submit any changes on the proper maintenance form, found under Account Documents.

TexPool Summary

Pool Name	Beginning Balance	Total Deposits	Total Withdrawals	Total Interest	Current Balance	Average Balance
Texas Local Government Investment Pool	\$336,054.42	\$0.00	\$9,874.82	\$5.20	\$326,184.80	\$326,179.77
TexPool Prime	\$117,383.09	\$0.00	\$0.00	\$9.11	\$117,392.20	\$117,383.38
Total Dollar Value	\$453,437.51	\$0.00	\$9,874.82	\$14.31	\$443,577.00	

Portfolio Value

Pool Name	Pool/Account	Market Value (03/01/2021)	Share Price (03/31/2021)	Shares Owned (03/31/2021)	Market Value (03/31/2021)
Texas Local Government Investment Pool	449/1370100001	\$336,054.42	\$1.00	326,184.800	\$326,184.80
TexPool Prime	590/1370100001	\$117,383.09	\$1.00	117,392.200	\$117,392.20
Total Dollar Value		\$453,437.51			\$443,577.00

Interest Summary

Pool Name	Pool/Account	Month-to-Date Interest	Year-to-Date Interest
Texas Local Government Investment Pool	449/1370100001	\$5.20	\$40.33
TexPool Prime	590/1370100001	\$9.11	\$29.74
Total		\$14.31	\$70.07



TexPool Participant Services
 1001 Texas Avenue, Suite 1150
 Houston, TX 77002



TEXAS TRUST
 TEXAS TREASURY SEFFERTING TRUST COMPANY
 COMPTROLLER, GLENN HEGAR, CHAIRMAN

Participant Statement

RICARDO WATER SUPPLY CORP
 MEMBERSHIP DEPOSIT
 ATTN CAROLA G SERRATO
 2302 E SAGE ROAD
 KINGSVILLE TX 78363-3328

Statement Period 03/01/2021 - 03/31/2021

Page 1 of 2

Customer Service 1-866-TEX-POOL
 Location ID 000077893
 Investor ID 000007580

TexPool Update

It's spring cleaning time! Review a current listing of your authorized representatives and contact information by requesting an Account Information Report from TexConnect or the TexPool Participant Services team. Submit any changes on the proper maintenance form, found under Account Documents.

TexPool Summary

Pool Name	Beginning Balance	Total Deposits	Total Withdrawals	Total Interest	Current Balance	Average Balance
Texas Local Government Investment Pool	\$110,082.70	\$0.00	\$0.00	\$1.76	\$110,084.46	\$110,082.76
Total Dollar Value	\$110,082.70	\$0.00	\$0.00	\$1.76	\$110,084.46	

Portfolio Value

Pool Name	Pool/Account	Market Value (03/01/2021)	Share Price (03/31/2021)	Shares Owned (03/31/2021)	Market Value (03/31/2021)
Texas Local Government Investment Pool	449/1370100003	\$110,082.70	\$1.00	110,084.460	\$110,084.46
Total Dollar Value		\$110,082.70			\$110,084.46

Interest Summary

Pool Name	Pool/Account	Month-to-Date Interest	Year-to-Date Interest
Texas Local Government Investment Pool	449/1370100003	\$1.76	\$12.76
Total		\$1.76	\$12.76





Participant Statement

RICARDO WATER SUPPLY CORP
 USDA RESERVE ACCOUNT
 ATTN CAROLA SERRATO
 2302 E SAGE ROAD
 KINGSVILLE TX 78363-3328

Statement Period **03/01/2021 - 03/31/2021**

Page 1 of 2

Customer Service 1-866-TEX-POOL
 Location ID 000077893
 Investor ID 000021281

TexPool Update

It's spring cleaning time! Review a current listing of your authorized representatives and contact information by requesting an Account Information Report from TexConnect or the TexPool Participant Services team. Submit any changes on the proper maintenance form, found under Account Documents.

TexPool Summary

Pool Name	Beginning Balance	Total Deposits	Total Withdrawals	Total Interest	Current Balance	Average Balance
Texas Local Government Investment Pool	\$87,878.44	\$982.82	\$0.00	\$1.45	\$88,862.71	\$88,861.31
Total Dollar Value	\$87,878.44	\$982.82	\$0.00	\$1.45	\$88,862.71	

Portfolio Value

Pool Name	Pool/Account	Market Value (03/01/2021)	Share Price (03/31/2021)	Shares Owned (03/31/2021)	Market Value (03/31/2021)
Texas Local Government Investment Pool	449/1370100004	\$87,878.44	\$1.00	88,862.710	\$88,862.71
Total Dollar Value		\$87,878.44			\$88,862.71

Interest Summary

Pool Name	Pool/Account	Month-to-Date Interest	Year-to-Date Interest
Texas Local Government Investment Pool	449/1370100004	\$1.45	\$10.22
Total		\$1.45	\$10.22





RECEIVED

APR 12 2021

RICARDO WATER SUPPLY CORPORATION

RICARDO WATER SUPPLY CORP
ATTN CAROLA SERRATO
PO BOX 1572
KINGSVILLE TX 78364-1572

MONTHLY STATEMENT OF ACCOUNT

ACCOUNT: 1370111110

ACCOUNT NAME: GENERAL FUND

STATEMENT PERIOD: 03/01/2021 - 03/31/2021

TEXSTAR MONTHLY SUMMARY: THE AVERAGE MONTHLY RATE WAS 0.0216%. THE AVERAGE WEIGHTED AVERAGE MATURITY WAS 47 DAYS AND THE NET ASSET VALUE FOR 3/31/21 WAS 1.000154.

MONTHLY ACTIVITY DETAIL

TRANSACTION DATE	DESCRIPTION	CONFIRMATION NUMBER	TRANSACTION AMOUNT	BALANCE
	BEGINNING BALANCE			299,573.75
03/31/2021	MONTHLY POSTING	9999888	5.48	299,579.23
	ENDING BALANCE			299,579.23

MONTHLY ACCOUNT SUMMARY

BEGINNING BALANCE	299,573.75
TOTAL DEPOSITS	0.00
TOTAL WITHDRAWALS	0.00
TOTAL INTEREST	5.48
ENDING BALANCE	299,579.23
AVERAGE BALANCE	299,573.75

ACTIVITY SUMMARY (YEAR-TO-DATE)

ACCOUNT NAME	DEPOSITS	WITHDRAWALS	INTEREST
GENERAL FUND	0.00	0.00	28.00



INVOICE

2302 E. SAGE RD.

S21 - 057

KINGSVILLE, TEXAS 78363

April 14, 2021

Ricardo Water Supply Corporation
2302 East Sage Rd.
Kingsville, Texas 78363

Usage

FM 772 Meter			
Current Reading:	4/1/2021	215927	
Previous Reading:	3/1/2021	215924	
Current usage			3,000
Kingsville Meter			
Current Reading:	4/1/2021	515490	
Previous Reading:	3/1/2021	505315	
Current usage			10,175,000
Total Water Usage for Period	3/1/2021	to 4/1/2021	10,178,000
Total Water delivered			10,178,000
Ratio STWA to Total			100%
Contract Year to Date Usage ----- 53,807,000 gallons			

Water Rate (per thousand gallons)

Cost of Water from City of Corpus Christi (Total charges divided by total consumption):

Total charges	\$108,311.03	
Total consumption	41,250	
Cost of Water from City of Corpus Christi	\$	2.625722

				Amount Due
STWA Handling Charge	10,178,000 g @	\$ 0.426386	=	\$ 4,339.76
Corpus Christi Water Cost	10,178,000 g @	\$ 2.625722	=	\$ 26,724.60
Water Rate for current billing period		\$ 3.052108		

Cost of Water

10,178,000 gallons @ \$3.052108 per thousand gallons \$ 31,064.36

Total Due for Water Usage for period 3/1/2021 to 4/1/2021 **\$ 31,064.36**

Net Water Revenue - STWA	
Handling Charge	\$ 4,339.76
less Pumping Cost	\$ 1,366.53
= Net Revenue	\$ 2,973.23

Payment Due within 30 days of Receipt of Invoice

Thank You!

For more information about the Authority, including information about the Authority's board and board meetings, please go the Comptroller's Special Purpose District Public Information Database located at

Brandon W. Barrera, President
Jose M. Graveley, Vice-President
Imelda Garza, Secretary-Treasurer
Hector Castaneda
Rudy Galvan, Jr.

<https://spdpid.comptroller.texas.gov/> or the Authority's website www.stwa.org

(361) 592-9323 Or (361) 692-0337 (C.C. line)

Fax: (361) 592-5965

Kathleen Lowman
Patsy A. Rodgers
Carola G. Serrato, Executive Director

INVOICE

S21 - 058

April 14, 2021

Ricardo Water Supply Corporation
2302 E. Sage Rd.
Kingsville, Texas 78363

Description		Amount Due	
No. of Connections This Month:		1059	
1059	General Maintenance (per connection) @	\$ 5.65	\$ 5,983.35
1059	Read Meters (per connection) @	\$ 2.50	2,647.50
3	Sample Collection (per sample) @	\$ 40.00	120.00
 Billing Services for Month of:			
March, 2021			
192	Final Notice Cards @	\$ 1.10	03/11/21 211.20
1068	Statements @	\$ 2.00	03/12/21 2,136.00
12	Meter Removal/Cancel Letters @	\$ 1.75	3/12 & 3/23 21.00
1059	Administration (per connection) @	\$ 6.00	6,354.00
882	Annual Meeting Mailouts @	\$ 5.00	03/12/21 4,410.00
3887	Copies @	\$ 0.10	388.70
	Postage		476.51
1	Developer analysis @	\$ 200.00	Cavazos 200.00
			<hr/>
TOTAL			\$ 22,948.26

Payment Due by
April 30, 2021

Thank You!

For more information about the Authority, including information about the Authority's board and board meetings, please go the Comptroller's Special Purpose District Public Information Database located at <https://spdpid.comptroller.texas.gov/> or the Authority's website www.stwa.org

Invoice

S21-061

April 12, 2021

Ricardo Water Supply Corporation
 2302 E. Sage Rd.
 Kingsville, Texas 78363

Date	Description	Hours per pay period	Rate of Pay	Amount Paid
<u>January</u>				
1/13/2021	Serena Quinones	60.25	\$11.00	\$662.75
1/27/2021	Serena Quinones	56.50	\$11.00	\$621.50
<u>February</u>				
2/10/2021	Serena Quinones	41.25	\$11.00	\$453.75
2/24/2021	Serena Quinones	48.25	\$11.00	\$530.75
<u>March</u>				
3/10/2021	Serena Quinones	60.00	\$11.00	\$660.00
3/24/2021	Serena Quinones	51.00	\$11.00	\$561.00
Total pay January, February, & March				\$3,489.75
Less 10% - STWA portion				-\$348.98
Total Part-time Employee pay due from NWSC & RWSC				\$3,140.77
Employer's Medicare Tax Contribution @ 1.45%				\$45.54
State Unemployment Tax @ 1.60%				\$50.25
				\$3,236.57
1/2 Due from NWSC				\$1,618.28
1/2 Due from RWSC				\$1,618.28

Payment Due by April 30, 2021

Invoice

S21-063

April 12, 2021

Ricardo Water Supply Corporation
2302 E. Sage Rd.
Kingsville, Texas 78363

Description	Amount Due
Reimburse for payroll expenses incurred with Stand By Pay for the period of January 1, 2021 through March 24, 2021 (See Attached Breakdown)	\$338.85

Payment Due by April 30, 2021

Date	Employee	Amount	Retirement	Medicare	Total	1/3 Share
1/6/2021	Victor Gutierrez	\$75.00	\$8.25	\$1.09	\$84.34	\$28.11
1/13/2021	Nigel Gomez	\$75.00	\$9.00	\$1.09	\$85.09	\$28.36
1/20/2021	Valentin Gonzales	\$75.00	\$9.00	\$1.09	\$85.09	\$28.36
1/27/2021	Victor Gutierrez	\$75.00	\$8.25	\$1.09	\$84.34	\$28.11
2/3/2021	Nigel Gomez	\$75.00	\$9.00	\$1.09	\$85.09	\$28.36
2/10/2021	Danny Hinojosa	\$75.00	\$8.25	\$1.09	\$84.34	\$28.11
2/17/2021	Valentin Gonzales	\$75.00	\$9.00	\$1.09	\$85.09	\$28.36
2/24/2021	Victor Gutierrez	\$75.00	\$8.25	\$1.09	\$84.34	\$28.11
3/3/2021	Nigel Gomez	\$75.00	\$9.00	\$1.09	\$85.09	\$28.36
3/10/2021	Danny Hinojosa	\$75.00	\$8.25	\$1.09	\$84.34	\$28.11
3/17/2021	Valentin Gonzales	\$75.00	\$9.00	\$1.09	\$85.09	\$28.36
3/24/2021	Victor Gutierrez	\$75.00	\$8.25	\$1.09	\$84.34	\$28.11
					Total	\$338.85

Invoice

S21-065

April 19, 2021

Ricardo Water Supply Corporation
2302 E. Sage Rd.
Kingsville, Texas 78363

Description	Amount Due
Quarterly reimburse for Fiber optic phone service through AT&T for the period of 12/19/2020 through 03/19/2021 (See Breakdown below)	\$305.50
Quarterly reimburse for Technology Support from High Touch for the period of 01/01/2021 through 03/31/2021 (See Breakdown below)	\$1,018.92
Due from Invoice S21-018 dated January 13, 2021 (additional email filtering)	\$6.00
Total Due	\$1,330.42

Payment Due by April 30, 2021

	Fiber Optic Phone Lines			Invoice
	STWA	NWSC	RWSC	
Jan-21	\$407.33	\$101.83	\$101.83	\$611.00
Feb-21	\$407.33	\$101.83	\$101.83	\$611.00
Mar-21	\$407.33	\$101.83	\$101.83	\$611.00
	\$1,222.00	\$305.50	\$305.50	

HIGHTOUCH Technology Support

	Server Management & 14		NWSC	Server Management & 2		RWSC	Server Management & 3		Invoice
	STWA	Email		Offsite Backup	Email Filtering		Offsite Backup	Email Filtering	
Jan-21	\$257.72	\$28.00	\$216.14	\$117.50	\$4.00	\$216.14	\$117.50	\$6.00	\$963.00
Feb-21	\$257.72	\$28.00	\$216.14	\$117.50	\$4.00	\$216.14	\$117.50	\$6.00	\$963.00
Mar-21	\$257.72	\$28.00	\$216.14	\$117.50	\$4.00	\$216.14	\$117.50	\$6.00	\$963.00
Quarterly	\$773.16	\$84.00	\$648.42	\$352.50	\$12.00	\$648.42	\$352.50	\$18.00	
Total	\$857.16			\$1,012.92			\$1,018.92		

S21-069

Ricardo Water Supply Corporation
2302 East Sage Road
Kingsville, Tx 78363

DATE	DESCRIPTION	W.O. #	Invoiced to others	Due to STWA
---	Voided Work Orders - All Service Orders accounted for	6469-6482	---	---
3/6-3/7	Weekend residual checks on rural system and read meters.	6487	0.00	227.50
---	****VOID - STWA WO****	6488	---	---
2/27-2/28	Weekend residual checks on rural system and read meters. Also C12/LAS adjustments.	6489	0.00	192.50
2/27-28 & 3/4-3/5	After hours work on Bac T Samples, retail customer meter readings, Pump Station #1 levels not showing up on phone.	6490	0.00	122.50
3/4/21	Board meeting D.Cantu, J.Wagner, F.De Leon, & N.Gomez	6491	0.00	249.86
3/18/21	Tap & meter set at acct. #1261-Lopez, CR 2170.	6492	585.00	430.00
3/18/21	Tap & meter set at acct. #1262-B. Morales, CR 2170.	6493	585.00	430.00
3/10/21	Meter lock out at acct. #573-H. Morales, CR 1016.	6494	N/C	N/C
3/15/21	Meter change out due to meter malfunction at acct. #262-Rodriguez, Dana Lane.	6495	0.00	110.00
3/11/21	Meter unlock at acct. #573-Morales, CR 1016.	6496	0.00	60.00
2/18/21	Regular hour call out to close curb stop at acct. #294-Telles, East Chavez Road. **Freeze WO**	6497	35.00	35.00
2/19/21	Regular hour call out to close curb stop at acct. #317-Garza, CR 1015. **Freeze WO**	6498	35.00	35.00
2/19/21	Regular hour call out at acct. #661-Jencks, CR 2165. **Freeze WO**	6499	35.00	35.00
2/18/21	Regular hour call out at acct. #88-Sacred Heart Mission Church. Reported that valve was not shutting off water. Field personnel found that customer was closing the wrong valve. **Freeze WO**	6500	35.00	35.00

Brandon W. Barrera, President
Jose M. Graveley, Vice-President
Imelda Garza, Secretary-Treasurer
Hector Castaneda
Rudy Galvan, Jr.

(361) 592-9323 Or (361) 692-0337 (C.C. line)
Fax: (361) 592-5965

Frances Garcia
Kathleen Lowman
Patsy A. Rodgers
Carola G. Serrato, Executive Director

DATE	DESCRIPTION	W.O. #	Invoiced to others	Due to STWA
3/27/21	Rivera Extension on CR 2150. Installed 320LF of 2" water line and set 2 taps, including OT. No meter installs.	6501	2,801.00	2,161.00
3/25/21	Meter reservice at acct. #568-Cano, located on CR 2170.	6502	110.00	110.00
3/25/21	Regular hour call out by the Kleberg County Sheriff's Dept. to shut of water at 209 E. CR 2170 due to fire.	6503	0.00	35.00
3/29/21	Customer service inspection at acct. #568-Cano, on CR 2170. Failed inspection.	6504	75.00	75.00
3/24/21	Customer service inspection at acct. #1261-Lopez, CR 2170. Passed inspection.	6505	75.00	75.00
3/28/21	Weekend residual checks on rural system and read meters.	6506	0.00	175.00
3/30/21	2nd customer service inspection at acct. #568-Cano, on CR 2170. Passed inspection.	6507	50.00	50.00
3/30/21	After hours work w/Third Coast Services, taking samples.	6508	0.00	70.00
---	Work Order sequence out of order - To be billed in May.	6509-6518	---	---
2/16/21	Regular hour to close curb stop at acct. # 219-Bowyer, CR 1050. **Freeze WO**	6601	35.00	35.00
3/20/21	After hours work at acct. #1263-Lopez, on CR 1070, north of FM 1118. Unable to find water line to install tap.	6602	0.00	614.04
3/13-14 & 3/20-21	Two (2) weekend residual checks on rural system and read meters.	6603	0.00	315.00
3/1/21	Meter reservice at acct. #369-Gonzalez, CR 1035.	6604	110.00	110.00
3/1/21	Meter removal due to non-payment at acct. #6-Raines, CR 2160.	6605	0.00	60.00
3/19/21	Meter change out due to meter malfunction at acct. #726-Elizondo, Dana Lane.	6606	0.00	110.00
3/19/21	Meter change out due to meter malfunction at acct. #625-Painter, CR 1070, and installed new meter lid.	6607	0.00	145.00
3/19/21	Meter change out due to meter malfunction at acct. #936-Cantu, CR 2170.	6608	0.00	110.00

DATE	DESCRIPTION	W.O. #	Invoiced to others	Due to STWA
3/19/21	Meter change out due to meter malfunction at acct. #498-Stanley, CR 1050.	6609	0.00	110.00
3/19/21	Replace meter box at acct. #1203-Esquivel, CR 1016.	6610	0.00	60.00
3/19/21	Replace meter box lid at acct. #260-Saenz, Lonnie Lane.	6611	0.00	35.00
02/15/21-02-19-21	Overtime to keep system from freezing, during week of 2021 extreme freeze	6612	0.00	1,990.70
3/2/21	Open and close meter for in-home inspections at acct. #369-Gonzalez, CR 1035.	6613	35.00	35.00
3/2/21	Customer service inspection at acct. #369-Gonzalez, CR 1035. Failed inspection.	6614	75.00	75.00
3/11/21	Customer service inspection at acct. #1259-Gutierrez, CR 1065. Passed inspection.	6615	75.00	75.00
3/24/21	After hours time for Finance Manager to prepare for audit.	6616	0.00	605.13

6601-6616 Used out of sequence - 6617 in folder to be used after 6599.

Due to STWA \$ 9,198.23
Amount Invoiced to Others \$ 4,751.00

Payment due by April 28, 2021

Thank you

RICARDO WATER SUPPLY CORPORATION
WATER LOSS COMPUTATION

January 8, 2021 through February 9, 2021

Corrected 04/14/2021

				Loss	
	11	22	33	Pump Station Totals	Kingsville & FM 772 Totals
	Pump #1	Pump #2	Pump #3		
+ STWA Mtr. Rdg. Totals	4,080,000	3,228,000	541,000	7,849,000	7,958,000
RWSC Billing Register	3,645,360	2,555,050	465,070	6,665,480	6,665,480
+/- Adjustments					
+ Haulers (Kleberg County)	0			0	0
+Overflows/Tie In				0	0
+Leaks		55,000		55,000	55,000
+Leaks on 12" line				0	0
+Fire Dept Use	5,500			5,500	5,500
+Unmetered Flushing	0	0	0	0	0
+Flushing	16,970	3,800	2,640	23,410	23,410
- Accounted water	3,667,830	2,613,850	467,710	6,749,390	6,749,390
= Water loss	412,170	614,150	73,290	1,099,610	1,208,610
% Water loss/gain	10.10%	19.03%	13.55%	14.01%	15.19%

Register Routes:

11 - Pump #1

22 - Pump #2

33 - Pump #3

*The following leaks were repaired during this period.

1/11/21 - FM 1118, PS #2 - 50,000 gallons

~~2/8/21 - CR 1065/CR 2180, PS #1 - 5,000 gallons~~

Corrected leak information: 02/06/21 - CR 1065 between CR 2208 and CR 2210, PS#2 - 5,000 gallons

ATTACHMENT 3

TxDOT Upgrades

Memorandum

To: Ricardo Water Supply Corporation Board of Directors
From: Carola G. Serrato, General Manager
Date: May 6, 2021
Re: TxDOT Upgrades –Adjustments to Waterlines south of CR 2130 and Financing

Background:

Enclosed is a TxDOT email and my response regarding the return of the Corporation's 10% withheld amount (\$28,108.50). As such, staff anticipates receiving the reimbursement in the very near future.

Last month, the Board authorized staff to research the Texas Water Development Board loan process. Staff has been in contact with Mireya Loewe, Team 6 South Manager, regarding several questions in the application. One of the items is related to the environmental review that is a typical part of any construction project. (See attached email.) In addition, I have been in contact with the USDA regarding the parity of debt. According to the USDA, if the TWDB wants their loan to be on parity with USDA's debt, the TWDB would need to indicate such and submit an approval form to the USDA.

Finally, today Eric Villarreal, Ardurra (previously LNV), called in response to the enclosed email about additional improvements that the Board discussed as possible projects if the bids on the TxDOT adjustments are lower than the engineer's estimate. My voice mail to Mr. Villarreal also requested an update on the status of the submittals to TxDOT. Mr. Villarreal indicated that the designs are complete and should be submitted to TxDOT shortly.

Analysis:

During my conversation with Ms. Loewe, she mentioned the possibility of applying to the TWDB's rural assistance fund. Although the interest rate would be higher, the rural fund allows for a 40-year term. This is a factor to consider if the Board is concerned with the impact on the monthly minimums.

With regards to the questions related to the environmental review, staff believes the TxDOT adjustments and any projects within the pump stations' boundaries should be eligible for the CE/DNE approval that would eliminate the need and cost of a full-scale environmental study. I had hoped to submit the request for approval prior to the submittal of the loan application. However, Ms. Lauren Dill, Environmental Review, has indicated her preference is to receive the request when the application is submitted.

Staff can continue to gather information as required by the application process. However, the bids on the TxDOT adjustments, any additional funds the Board determines are needed for PS 1, 2 or 3 improvements and the impact to retail water rates will be needed prior to formalizing the submittal and the necessary documents (such as a resolution).

Staff Recommendation:

Continue to work with Ms. Burger-Entrekin and Mr. Valdez as well as Texas Water Development Board staff on a loan application.

Board Action:

Provide feedback to staff.

RWSC – TxDOT Memo
I-69 Adjustments
May 6, 2021
Page 2 of 2

Summarization:

My assessment is not changed from the last memo – the reality of the timeline in terms of bids, paperwork and legal documents means that STWA staff and my replacement will work with the TWDB, TxDOT and consultants to accomplish these adjustments and any projects the Board determines must be done.

mcserrato@stwa.org

From: mcserrato@stwa.org
Sent: Monday, May 3, 2021 3:35 PM
To: 'Leonel Tovar'
Cc: Jo Ella Wagner
Subject: RE: U15993 Citation Letter

Yes, please process.

Thank-you. Your assistance is truly appreciated.

Carola

Carola G. Serrato
General Manager
Ricardo Water Supply Corporation
2302 East Sage Rd
Kingsville, Texas 78363
361-592-3952 x112

From: Leonel Tovar <Leonel.Tovar@txdot.gov>
Sent: Monday, May 3, 2021 3:11 PM
To: mcserrato@stwa.org
Subject: FW: U15993 Citation Letter

Carola,

Please see below and attached. Please let me know if the findings are acceptable.

Thanks,
Leo



Texas Department of Transportation
Leonel (Leo) Tovar
District Utility Coordinator
Texas Dept. of Transportation
Corpus Christi District
1701 S. Padre Island Dr. Corpus Christi, Tx, 78416
M: 361-945-9282 | O: 361-808-2257
Leonel.Tovar@txdot.gov

From: Tonya Shaw
Sent: Monday, May 03, 2021 3:08 PM
To: Leonel Tovar <Leonel.Tovar@txdot.gov>
Cc: RUSSELL JOHNSON <RUSSELL.JOHNSON@txdot.gov>
Subject: U15993 Citation Letter

Please see the attached citation letter; it shows the remaining audit retainage balance less any citations issued. Currently there are no citations being issues for U15993.

Please provide any additional support or information you may have within 10 business days. If additional information is not received the payment will be processed on day 11. If the findings are acceptable please let us know and the payment will be processed sooner.

If there are any questions please feel free to contact me at 512-416-2353 or by email.

Thank you,

Tonya J. Shaw

Auditor II | Utility Portfolio Section

Right of Way Division

Texas Department of Transportation

118 E. Riverside Dr., Austin, TX 78704

Office 512.416.2353

Tonya.Shaw@txdot.gov

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A Texas Department of Transportation (TXDOT) message

#EndTheStreakTX

From: mcserrato@stwa.org
Sent: Wednesday, April 28, 2021 4:39 PM
To: Leonel Tovar
Cc: Frances Rosales; Jo Ella Wagner
Subject: TxDOT Environmental Review/Study

Tracking:	Recipient	Read
	Leonel Tovar	
	Frances Rosales	
	Jo Ella Wagner	
	Joella Wagner	Read: 4/28/2021 5:27 PM
	Frances Rosales - De Leon	Read: 4/30/2021 9:39 AM

Leo,

Per our conversation this afternoon, is it possible to obtain the Environmental Study for the Ricardo area highway improvements?

The four sections that RWSC will need to make adjustments are from Stations 559+00 to 693+00.

If it isn't possible to obtain your agency's information for this specific area, I would be happy to get the entire study.

As I mentioned, the RWSC Board has authorized staff to move forward with developing a Texas Water Development Board loan application. I am hoping that the TxDOT information will assist in getting an approval on TWDB's CE/DNE exclusion thereby saving RWSC time and money on a full blown environmental study.

Please let me know if you need any additional information.

Thanks,

Carola

Carola G. Serrato
General Manager
Ricardo Water Supply Corporation
2302 East Sage Rd
Kingsville, Texas 78363
361-592-3952 x112

From: mcserrato@stwa.org
Sent: Monday, April 26, 2021 2:12 PM
To: 'lauren.dill@twdb.texas.gov'
Cc: 'Eric Villarreal'; Jo Ella Wagner; Frances Rosales; Anne Burger Entrekín (HTS); Noel Valdez (nvaldez@mphlegal.com)
Subject: Ricardo Water Supply Corporation - DFUND - CE/DNE Request Form

Tracking:	Recipient	Read
	'lauren.dill@twdb.texas.gov'	
	'Eric Villarreal'	
	Jo Ella Wagner	
	Frances Rosales	
	Anne Burger Entrekín (HTS)	
	Noel Valdez (nvaldez@mphlegal.com)	
	Frances Rosales - De Leon	Read: 4/26/2021 2:47 PM
	Noel Valdez	Read: 4/26/2021 2:46 PM
	Joella Wagner	Read: 4/26/2021 3:11 PM

Good Afternoon Lauren:

Your contact information was provided by Mireya Loewe in response to some of my questions on a loan application that the Ricardo Water Supply Corporation (RWSC) will likely be submitting in the near future. Currently, the RWSC is considering applying for a D Fund loan. However, Mireya indicated that the Rural Water Assistance Fund could be another option.

Regardless, it appears that RWSC may be able to submit a CE/DNE (Categorical Exclusion/Determination of No Effect) Request Form. My understanding is if the RWSC qualifies for this exclusion it would eliminate certain environmental reviews/studies/clearances.

I believe this may be the case since the RWSC's project is in response to TxDOT upgrading US Hwy 77 to I-69 standards. The adjustments to RWSC waterlines are in four (4) areas on the east side of US Highway 77. The term adjust is used since the majority of the cost is not due to a relocation. Of the estimated \$505,500, approximately \$300,000 is to extend casing on existing highway crossings. All of the work will be done within the existing or expanded TxDOT right-of-way. Below is the engineer's breakdown.

Information can be provided from TxDOT in terms of their road way/overpass/drainage improvements. A request to TxDOT for any environmental studies/reviews that State agency has already completed can also be made.

With regards to the specific Form TWDB – 0803, I believe RWSC's Table 1 responses are 1. Yes 2. No 3. Yes – based on the project description and the use of any remaining funds at existing pump stations should the final TxDOT Adjustment Project be less than the engineer's estimate. For Table 2, I believe the responses to all 5 questions are "No." For Table 3, I believe the responses to all 9 questions are "No." Is it possible for you to confirm this information without the formal submission of the form?

Finally, if I understand correctly, Form 0803 can be submitted prior to the full application. I would like to submit the information sooner rather than later, if possible. Any assistance/guidance you can provide would be very much appreciated.

Sincerely,

Carola

Carola G. Serrato
General Manager
Ricardo Water Supply Corporation

2302 East Sage Rd
 Kingsville, Texas 78363
 361-592-3952 x112

PRELIMINARY ESTIMATE OF PROBABLE CONSTRUCTION COST					
RWSC Waterline Line Adjustment Sta 559+00 - 578+00 (CR 2150 to FM 1118)					
ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
	US 77 Frontage Road Relocation/Combination of 3"/6" Water				
1	6" PVC Waterline Replacement	1,900	LF	\$ 30.00	\$ 57,000.00
2	6" Reconnection	1	EA	\$ 5,000.00	\$ 5,000.00
3	14" Casing*	55	LF	\$ 1,250.00	\$ 68,750.00
4	6" to 3" Connection	2	EA	\$ 5,000.00	\$ 10,000.00
5	6" 45 degree bend*	4	EA	\$ 500.00	\$ 2,000.00
6	6" 22.5 degree bend*	4	EA	\$ 450.00	\$ 1,800.00
7	6" 11.25 degree bend*	2	EA	\$ 400.00	\$ 800.00
8	6"x3" Tee*	2	EA	\$ 1,000.00	\$ 2,000.00
9	6" Gate Valve*	6	EA	\$ 1,500.00	\$ 9,000.00
10	Remove Existing 3" Line	1,900	LF	\$ 5.00	\$ 9,500.00
11	Remove Existing 6" Line	1,900	LF	\$ 10.00	\$ 19,000.00
Section 1				CONSTRUCTION SUB TOTAL	\$184,850.00

PRELIMINARY ESTIMATE OF PROBABLE CONSTRUCTION COST					
RWSC Waterline Line Adjustment Sta 583+50 (Extend Casing)					
ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
	US 77 Frontage Road Casing Extension				
1	14" Casing*	75	LF	\$ 1,250.00	\$ 93,750.00
Section 2				CONSTRUCTION SUB TOTAL	\$93,750.00

PRELIMINARY ESTIMATE OF PROBABLE CONSTRUCTION COST					
RWSC Waterline Line Adjustment Sta 605+00 (CR 2170)					
ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
	US 77 Frontage Road Relocation/Casing Extension				
1	6" PVC Waterline Replacement	150	LF	\$ 30.00	\$ 4,500.00
2	6" Reconnection	2	EA	\$ 5,000.00	\$ 10,000.00
3	14" Casing*	75	LF	\$ 1,250.00	\$ 93,750.00
5	6" 45 degree bend*	4	EA	\$ 500.00	\$ 2,000.00
12	Remove Existing 6" Line	120	LF	\$ 10.00	\$ 1,200.00
Section 3				CONSTRUCTION SUB TOTAL	\$111,450.00

PRELIMINARY ESTIMATE OF PROBABLE CONSTRUCTION COST					
RWSC Waterline Line Adjustment Sta 693+00 (FM 772)					
ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
	US 77 Frontage Road Relocation/Casing Extension				
1	6" PVC Waterline Replacement	250	LF	\$ 30.00	\$ 7,500.00
2	6" Reconnection	2	EA	\$ 5,000.00	\$ 10,000.00
3	14" Casing*	75	LF	\$ 1,250.00	\$ 93,750.00
5	6" 45 degree bend*	6	EA	\$ 500.00	\$ 3,000.00
12	Remove Existing 6" Line	120	LF	\$ 10.00	\$ 1,200.00
Section 4				CONSTRUCTION SUB TOTAL	\$115,450.00

SECTIONS 1 - 4 TOTAL \$505,500.00

From: mcserrato@stwa.org
Sent: Wednesday, May 5, 2021 11:37 AM
To: Eric Villarreal
Subject: Estimates for Ricardo WSC Improvements
Attachments: Painting of PS 1 EST Mar 2020.docx

Eric,

I left a voice mail message for you this morning about a meeting RWSC board members and I had with the Kleberg County Judge, Rudy Madrid, Commissioner David Rosse and grant writers with Santos McBain Management and Planning.

RWSC Board President Baldemar Garcia spoke about the county assisting RWSC with the cost of the TxDOT adjustments as well as needed improvements at Pump Stations 1, 2 and 3.

Pump Station 1 on CR 2160 needs the elevated storage tank to be repainted. Attached is a memo from about a year ago with information on quotes to paint that EST.

Pump Station 2 on CR 2170 needs a new ground storage tank to replace the existing concrete tanks. With the recent Winter Storm Uri, additional problems have surfaced with the tanks. Last year, one tank collapsed. There are three remaining tanks with a capacity of 21,000 gallons – 63,000 gallons total. The elevated storage tank at that location is 150,000. We believe a single tank should be constructed as a replacement.

And, Pump Station 3 needs to be upgraded in its entirety: pumps, ground storage tanks and building. This is the smallest of the pump stations and is actually offline since PS 1 and 2 can accommodate all of the customers. It should be noted that there is not a generator at this station. The construction of this station will require a full review by TCEQ.

At this time, the county's consultant is asking for a cost estimate on these four (4) items: TxDOT, PS 1 EST, PS 2 GST and PS 3.

We have your breakdown on TxDOT and last year's quotes on PS 1 paint work. However, would Ardurra be able to assist with some type of estimates on the other items? Also, I am wondering if the paint quotes could be updated.

Thanks,

Carola

Carola G. Serrato
General Manager
Ricardo Water Supply Corporation
2302 East Sage Rd
Kingsville, Texas 78363
361-592-3952 x112

From: mcserrato@stwa.org <mcserrato@stwa.org>
Sent: Tuesday, April 6, 2021 12:03 PM
To: Baldemar Garcia <bgarcia@gtek.biz>
Subject: Quotes on EST painting

Mr. Garcia,

Attached is the memo from about a year ago with information on quotes for painting the EST at PS#1.

Carola G. Serrato
General Manager
Ricardo Water Supply Corporation
2302 East Sage Rd
Kingsville, Texas 78363
361-592-3952 x112

Memorandum

To: Ricardo Water Supply Corporation Board of Directors
From: Carola G. Serrato, General Manager
Date: February 27, 2020
Re: Paint Work – Pump Station #1 Elevated Storage Tank (PS #1 EST)

Background:

With regards to the quotes for the paint work on the EST at PS #1, Diamond Enterprises (Diamond) continues to express an interest in the project. Staff repeatedly contacted NG Painting after the December Board meeting, to no avail. Staff also contacted a company used by Mercer Controls, Inc. by the name of Fastco Sandblasting and Painting. Mr. Oscar Juarez responded by stating that his company does not work on elevated storage tanks. Another company that recently did work for the Nueces Water Control and Improvement District #3 in Robstown by the name of Texas Tank Service (TTS) was contacted. Enclosed is their quote. And finally, staff thought Pittsburg Paint and Tank Group was going to submit a quote; however, enclosed is the email correspondence indicating that their company already had two (2) containment projects and did not have the resources to add a third job.

Analysis:

The two (2) quotes submitted by Diamond and TTS are enclosed. Warranty work is typically one-year. However, TTS is indicating on the less costly option that there is no warranty.

Option/Task	Diamond	TTS
Exterior – Sandblast, Containment, Logo, 3 coats of paint	\$119,000	\$106,500
Wet Bowl Interior – Sandblast, sterilize, 3 coats of paint	\$89,000	\$52,800
Dry Interior – Sandblast, 2 coats of paint	\$44,900	\$43,280
Total	\$252,900	\$202,580
Exterior – Pressure wash, power tool & prime/rust areas Logo, 2 coats	\$69,500	\$44,000
Wet Bowl Interior – Spot/Sweep blast & coat, sterilize, 2 coats	\$54,900	\$28,000
Dry Interior – Spot/Sweep blast & coat, 1 coat	\$32,600	\$24,500
Total	\$157,000	\$96,500

Staff Recommendation:

Mr. Archie Wilkins with Diamond is indicating that the more expensive option should last 12 to 15 years and the second option should last 8 to 10 years. Staff has not worked with TTS; however, according to Armando Yruegas, O&M Supervisor, NCWCID#3 was very satisfied with their work. However, with regard to the lowest option, staff is wary of the lack of any warranty on the work.

Board Action:

Provide feedback to staff. Determine if additional research or quotes are needed.

Summarization:

Tank work is needed. The difficult part is making a decision about how extensive the job should be while weighing the cost and the Corporation's available resources keeping in mind the TxDOT project, which although it is reimbursable can take considerable time before the Corporation's money is received.

ATTACHMENT 4

Tariff Amendment

Memorandum

To: Ricardo Water Supply Corporation Boards of Directors
From: Carola G. Serrato, General Manager
Date: May 5, 2021
Re: Post COVID-19 Lockout Procedures

Background:

As requested during the last board meeting, staff has been in contact with Logics/Edmunds GovTech regarding the capabilities or possible limitations of the billing system to: (1) either issue more than one delinquent notice or forgo issuing the 1st month's delinquent notice (2) continue to charge late fees for more than one month if the first month's delinquency does not result in a disconnection service fee and (3) produce an arrears list for only those accounts with two (2) past-due bills.

As you can see from the attached email to legal counsel Bill Flickinger, the COVID procedures have allowed for three bills to be generated resulting in a pay plan letter followed by a disconnection notice if there is not a response to the pay plan offer. The pre-COVID procedures allowed for one (1) month to be past-due resulting in a delinquency notice giving approximately two (2) weeks before service is disconnected. The proposed procedures will allow two (2) months to be past-due resulting in a delinquency notice giving approximately two weeks before service is disconnected.

Analysis:

All of the factors listed in last month's memo still apply:

- The shorter time frame for lockouts was adopted due to issues with the previous billing system.
- The shorter time-frame resulted in the number of lockouts increasing -- in some months dramatically.
- More lock-outs did not translate to the Corporation's revenue increasing since STWA charges the Corporation the same amount charged to the customer.
- The modified COVID procedures significantly reduced the number of lockouts.
- With regards to bad debt, there were no significant impacts.
- The pre-COVID number of lockouts were extremely time-consuming from a man-hour perspective that affected not only field personnel but office staff, including management.

Staff Recommendation:

Approve the recommended tariff amendments which will allow additional time before a customer is disconnected for non-payment.

Board Action:

Determine whether to approve the recommended tariff amendments which will allow additional time before a customer is disconnected for non-payment.

Summarization:

To be clear, staff's recommendation is not about allowing customers to "take advantage of the system." It is about efficiency of man-hours and improving staff's working conditions with the added benefit of consideration for your fellow corporation members.

From: Bill Flickinger <bflickinger@wfaustin.com>
Sent: Thursday, May 6, 2021 4:18 PM
To: mcserrato@stwa.org
Cc: 'Frances Rosales'; 'Jo Ella Wagner'; 'Noemi Flores'; 'Monica Ayarzagotia'; 'Yvette Garza'; Allison Nix
Subject: RE: Revised Tariffs for Nueces and Ricardo WSCs - Disconnection/Payment Cycle

Carola:

I did not see Section I on fees. That is acceptable however when the Tariff is revised in the future you may want to add a reference to Section I in Section G. However, that change is not mandatory. Thank you.

Very truly yours,

Bill Flickinger

Willatt & Flickinger, PLLC
Attorneys at Law
12912 Hill Country Blvd., Suite F-232
Austin, Texas 78738

Phone: (512) 476-6604
Facsimile: (512) 469-9148

Email: bflickinger@wfaustin.com

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From: mcserrato@stwa.org <mcserrato@stwa.org>
Sent: Thursday, May 6, 2021 4:06 PM
To: Bill Flickinger <bflickinger@wfaustin.com>
Cc: 'Frances Rosales' <fvrosales@stwa.org>; 'Jo Ella Wagner' <jwagner@stwa.org>; 'Noemi Flores' <nflores@stwa.org>; 'Monica Ayarzagotia' <mayarzagotia@stwa.org>; 'Yvette Garza' <ygarza@stwa.org>; Allison Nix <anix@wfaustin.com>
Subject: RE: Revised Tariffs for Nueces and Ricardo WSCs - Disconnection/Payment Cycle

Bill,

I can't be certain; but, I think staff had decided that if we had the attached list as part of the tariff then we didn't need to include the amounts in Section G. Does that not work?

Carola

Carola G. Serrato
General Manager
Ricardo Water Supply Corporation
2302 East Sage Rd
Kingsville, Texas 78363

From: Bill Flickinger <bflickinger@wfaustin.com>

Sent: Thursday, May 6, 2021 3:06 PM

To: mcserrato@stwa.org

Cc: Frances Rosales <fyrosales@stwa.org>; Jo Ella Wagner <jwagner@stwa.org>; Noemi Flores <nflores@stwa.org>; Monica Ayarzagoitia <mayarzagoitia@stwa.org>; Yvette Garza <ygarza@stwa.org>; Allison Nix <anix@wfaustin.com>

Subject: RE: Revised Tariffs for Nueces and Ricardo WSCs - Disconnection/Payment Cycle

Carola:

Here are my responses to your questions:

- Can the Tariffs be amended simply by adding the phrase “for the second month in arrears” at the end of the sentence that reads “Lockout notices will be send immediately or as soon thereafter as possible following the due date”? *Response: Yes, that simple change will work.*
- Do we need to specify in the Tariffs what needs to be paid to re-establish service? If the NWSC/RWSC boards decide that all past due months (Month 1 and 2) need to be paid, do we need to include that language in the Tariffs? The delinquent notice reads that way – this is a pre-printed form from a card-stock supplier. *Response: The way the Tariffs are currently written, all amounts due would need to be paid prior to reconnection. You would only need to modify the Tariffs if a partial payment would be accepted. I recommend that full payment be required prior to reconnection especially since you will now be allowing two months billings to go unpaid prior to disconnect/lock out. However, the Tariff for RWSC dated July 14, 2017 in Section G does not specify amount of the late charge or service fees. The Tariff for NWSC in Section G does specify those amounts. If the July 14, 2017 RWSC Tariff is the most current version, I recommend that Section G of the RWSC Tariff also be amended to specify the amount of those charges and fees as well as the returned check fee and meter test fee.*

Very truly yours,

Bill Flickinger

Willatt & Flickinger, PLLC

Attorneys at Law

12912 Hill Country Blvd., Suite F-232

Austin, Texas 78738

Phone: (512) 476-6604

Faaxsimile: (512) 469-9148

Email: bflickinger@wfaustin.com

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From: mcserrato@stwa.org <mcserrato@stwa.org>

Sent: Tuesday, May 4, 2021 4:11 PM

To: Bill Flickinger <bflickinger@wfaustin.com>

Cc: Frances Rosales <fvrosales@stwa.org>; Jo Ella Wagner <jwagner@stwa.org>; Noemi Flores <nflores@stwa.org>; Monica Ayarzagoitia <mayarzagoitia@stwa.org>; Yvette Garza <ygarza@stwa.org>

Subject: Revised Tariffs for Nueces and Ricardo WSCs - Disconnection/Payment Cycle

Bill,

Attached are the pages from the NWSC and RWSC Tariffs pertaining to disconnection of service for non-payment. At the last board meetings, staff requested the board authorize us to research the possibility of transitioning out of the COVID procedures to a cycle that is shorter than the COVID cycle but longer than the original one.

We had been waiting for confirmation from the billing program company that it would be possible to make the changes. Today, they confirmed it would work with an added filter to the program.

The COVID procedures have allowed three months of bills to be generated resulting in offering a payment plan. If no response is received (in the form of a pay plan agreement), then a disconnection letter is sent giving the customer 2 weeks before being disconnected. During this time, customers have not been charged any service charge fees (\$60).

The original method was as follows:

--A bill is generated (Month 1).

--It is due the following month on the 7th for NWSC and on the 10th for RWSC.

--A delinquent notice is generated typically the next day.

--The delinquent notice is sent giving the customer two weeks before being disconnected. The notice advises the customer that a service charge fee (\$60) will be charged before 4 pm and \$90 after 4 pm.

--By this time, a second bill (Month 2) has been generated. The customer's service is re-established if they pay the past due bill, the late charge that was assessed and the \$60 service charge fee.

Staff is proposing the following which allows more time than the original procedure but less time than the COVID procedures:

--A bill is generated – (Month 1).

--It is due the following month on the 7th for NWSC and on the 10th for RWSC.

--If it is not paid by those dates, a late fee (\$5.00) will be added.

--A second bill is generated (Month 2).

--A second late fee is added on 7th/10th of the following month.

--A delinquent notice is generated, immediately after the second late fee is assessed, advising the customer that service will be disconnected in approximately 2 weeks. The notice will have the amount needing to be paid to re-establish service.

This proposed cycle is very similar to the COVID cycle except it eliminates the pay plan letter and giving the customer time to return a signed pay plan agreement.

Please advise on the questions as follows:

- Can the Tariffs be amended simply by adding the phrase “for the second month in arrears” at the end of the sentence that reads “Lockout notices will be send immediately or as soon thereafter as possible following the due date”?
- Do we need to specify in the Tariffs what needs to be paid to re-establish service? If the NWSC/RWSC boards decide that all past due months (Month 1 and 2) need to be paid, do we need to include that language in the Tariffs? The delinquent notice reads that way – this is a pre-printed form from a card-stock supplier.

Please let me know if you want the full Tariffs for NWSC and RWSC.

Carola

- D. Delinquency in payment for service by a previous occupant of the premises to be served;
- E. Failure to pay for materials or charges for non-utility service provided by the Corporation.
- F. Failure to pay the bill of another customer at the same address except where the change of customer identity is made to avoid or evade payment of a utility bill;
- G. Failure to pay for the restoration of a tap removed by the utility at its option or removed as the result of tampering or delinquency in payment by a previous customer;
- H. Failure to comply with regulations or rules for anything other than the type of utility service specifically requested including failure to comply with septic tank regulations.

11. Deferred Payment Agreement. The Corporation may offer a deferred payment plan to a Member who cannot pay an outstanding balance in full and is willing to pay the balance in reasonable installments as determined by the Corporation, including any Late Penalty Fees or interest on the monthly balance to be determined as per agreement.

12. Charge Distribution and Payment Application.

- A. The Minimum Monthly Charge or the Reserved Service Charge is applied from the twelfth day of the month to the twelfth day of the next month. Charges shall be prorated for meter installations and service terminations falling during the calendar month. Billings for this amount shall be mailed on or about the 13th of the month preceding the month for which this charge is due. All services shall be subject to this charge whether or not the service is in use by the Member.
- B. Gallonage Charge, defined as water usage in excess of the water allotment included in the Minimum Monthly Charge, shall be billed at the rate specified in Section G, and shall be billed in one thousand (1000) gallon increments. Water charges for usage exceeding the monthly allotment are based on monthly meter readings and are calculated from reading date to reading date. Readings used in all billing calculations shall be taken by the Corporation's employees or designated representative.
- C. Posting of Payments -- All payments shall be posted against previous balances prior to posting against current billings.

13. Due Dates, Delinquent Bills, and Service Disconnection Date. The Corporation shall mail all bills on or about the 15th of the month. All bills shall be due by the date indicated on the bill (allowing approximately twenty five (25) days to pay), after which time a penalty shall be applied as described in Section G. A bill is delinquent if not paid by the due date. Payments made by mail will be considered late if not received in the Corporation's mail receptacle on or before due date. Payments made by drop box will be considered late if not received in the Corporation's office before the due date or by 4:59 pm on the due date. Payments made using the computer online service will be considered late if not made by the customer by 4:59 pm on the due date. Lockout notices will be sent immediately or as soon thereafter as possible following the due date. Lockout notices shall be mailed allowing seven (7) additional days for payment prior to disconnection. The seven (7) additional days shall begin on the day the lockout notice is deposited with the U.S. Postal Service with sufficient postage. If the due date for the regular billing is on a weekend or holiday, the due date for payment purposes shall be the next day the Corporation office is open for business after said weekend or holiday. Payment must be received whether made in person, drop

RWSC

box, U.S. Postal Service or using the online computer service by 4:59 pm on the business day before the actual disconnection date in order to avoid incurring a service charge/cutoff fee.

14. Rules for Disconnection of Service. The following describes the rules and conditions for disconnection of service:

- A. Disconnection With Notice -- Water utility service may be disconnected for any of the following reasons after proper notification has been given:
- (i) Returned Checks -- In the event a check, draft, or any other similar instrument is given by a person, firm, corporation, or partnership to the Corporation for payment of services provided for in this Tariff, and the instrument is returned by the bank or other similar institution as insufficient or non-negotiable for any reason, the Corporation shall mail, via the U.S. Postal Service, a notice requiring redemption of the returned instrument within ten (10) days of the date of the notice to be made in the Corporation office. Redemption of the returned instrument shall be made by cash, money order, or certified check. Failure to meet these terms shall initiate disconnection of service
 - (ii) Failure to pay a delinquent account for utility service or failure to comply with the terms of a deferred payment agreement;
 - (iii) Violation of the Corporation's rules pertaining to the use of service in a manner which interferes with the service of others or the operation of non-standard equipment if a reasonable attempt has been made to notify the Member and the Member is provided with a reasonable opportunity to remedy the situation;
 - (iv) Failure of the Member to comply with the terms of the Corporation's Service Agreement, Tariff, Bylaws, or Special Contract provided that the Corporation has given notice of said failure to comply, and Member has failed to comply within a specified amount of time after notification.
 - (v) Failure to provide access to the meter under the terms of this Tariff or to property at which water service is received when there is reason to believe that a hazardous condition or policy violation exists for which access is necessary to verify.
 - (vi) Misrepresentation by any Applicant or Transferee of any fact on any form, document, or other agreement required to be executed by the Corporation.
 - (vii) Failure of Member to re-apply for service upon notification by the Corporation that Member no longer meets the terms of the service classification originally applied for under the original service application.
- B. Disconnection Without Notice -- Water utility service may be disconnected without notice for any of the following conditions:
- (i) A known dangerous or hazardous condition exists for which service may remain disconnected for as long as the condition exists, including but not limited to a violation of the Texas Sanitation and Health Protection Law 4477-1, or there is reason to believe a dangerous or hazardous condition exists and the Member refuses to allow access for the purpose of confirming the existence of such condition and/or removing the dangerous or hazardous condition;
 - (ii) Service is connected without authority by a person who has not made application for service or who has reconnected service without authority following termination of services for nonpayment; and

mcserrato@stwa.org

From: Edmunds GovTech Support <support@edmundsgovtech.com>
Sent: Tuesday, May 4, 2021 2:43 PM
To: mcserrato@stwa.org
Subject: Support Case # 00099648 has been Closed for South Texas Water Authority! ref:_00D6g267X8._5004v1YoHnf:ref



Customer Support

Dear Carola,

The case below has been Closed:

Case #: 00099648
Subject: change late charge cut off schedule

It was our pleasure to support you today.

Please take the short survey below to let us know how we did!

https://feedback.edmundsgovtech.com/r/cxKkdziU?Case_Contact_ID=0036g00000QoGrV&Case_Account_ID=0016g00000MvXoz&Case_ID=5004v00001YoHnf:ref

Thank you,

Customer Support

ref:_00D6g267X8._5004v1YoHnf:ref

From: mcserrato@stwa.org
Sent: Tuesday, May 4, 2021 1:32 PM
To: 'Beth Dixon'
Cc: 'ngomez@stwa.org'; 'jwagner@stwa.org'; 'fvrosales@stwa.org'; 'ygarza@stwa.org'; 'nflores@stwa.org'; 'dcantu@stwa.org'; 'mayarzagoitia@stwa.org'
Subject: RE: Voicemail from SOUTH TEXAS WAT at (361) 592-9323 on Apr 22 2021 12:20 PM [ref:_00D6g267X8._5004v1YoHnf:ref]

Importance: High

Tracking:	Recipient	Read
	'Beth Dixon'	
	'ngomez@stwa.org'	
	'jwagner@stwa.org'	
	'fvrosales@stwa.org'	
	'ygarza@stwa.org'	
	'nflores@stwa.org'	
	'dcantu@stwa.org'	
	'mayarzagoitia@stwa.org'	
	nflores@stwa.org	Read: 5/4/2021 1:50 PM
	Joella Wagner	Read: 5/4/2021 2:20 PM
	Frances Rosales - De Leon	Read: 5/4/2021 3:05 PM
	Monica Ayarzagoitia	Read: 5/4/2021 3:01 PM
	dcantu@stwa.org	Read: 5/4/2021 4:17 PM
	ngomez@stwa.org	Read: 5/5/2021 8:13 AM
	ygarza@stwa.org	Read: 5/5/2021 8:41 AM

Sorry, I was down the hall when your call came in. Regardless, I would like for Monica to be available when you call. She should be in the office shortly after 2 p.m. I would very much appreciate you calling today at that time.

Thanks,
Carola

Carola G. Serrato
Executive Director
South Texas Water Authority
2302 East Sage Rd
Kingsville, Texas 78363
361-592-9323 x112

From: Beth Dixon <support@edmundsgovtech.com>
Sent: Tuesday, May 4, 2021 1:25 PM
To: mcserrato@stwa.org
Cc: ngomez@stwa.org; jwagner@stwa.org; fvrosales@stwa.org; ygarza@stwa.org; nflores@stwa.org; dcantu@stwa.org; mayarzagoitia@stwa.org
Subject: RE: Voicemail from SOUTH TEXAS WAT at (361) 592-9323 on Apr 22 2021 12:20 PM [ref:_00D6g267X8._5004v1YoHnf:ref]

Carola,
Assuming you want to move forward with the process we discussed we will need to make a change to the current late fee set

up, add a 2nd late fee set up and add a custom filter to the delinquent notice step.

Please either reply to the email or call (919) 232-2378 when you're available.

Beth Dixon
Customer Support Specialist
Edmunds GovTech

----- Original Message -----

From: Beth Dixon [support@edmundsgovtech.com]

Sent: 4/30/2021, 3:41 PM

To: mcserrato@stwa.org

Cc: ngomez@stwa.org; jwagner@stwa.org; fvrosales@stwa.org; ygarza@stwa.org; nflores@stwa.org; dcantu@stwa.org; mayarzagoitia@stwa.org

Subject: RE: Voicemail from SOUTH TEXAS WAT at (361) 592-9323 on Apr 22 2021 12:20 PM [ref:_00D6g267X8._5004v1YoHnf:ref]

Carola,

I just left you a message. I do apologize for not getting back to you sooner. I will be out on Monday, so will give you a call on Tuesday to discuss the delinquent process set up.

Thanks,

Beth Dixon
Customer Support Specialist
Edmunds GovTech

----- Original Message -----

From: [mcserrato@stwa.org]

Sent: 4/23/2021, 5:52 PM

To: support@edmundsgovtech.com

Cc: ngomez@stwa.org; jwagner@stwa.org; fvrosales@stwa.org; ygarza@stwa.org; nflores@stwa.org; dcantu@stwa.org; mayarzagoitia@stwa.org

Subject: RE: Voicemail from SOUTH TEXAS WAT at (361) 592-9323 on Apr 22 2021 12:20 PM [ref:_00D6g267X8._5004v1YoHnf:ref]

Beth,

Sorry for the delay. Your email address is new to my computer and it placed it in the junk folder.

Yes, I believe this is what should work best. However, I want to discuss this with personnel. We are hoping this significantly reduces the number of disconnections and phone traffic each month.

It bears noting that if it is possible only to do **one (1)** delinquent notice after the **second month** – I think that could work also. Monica and I have briefly discussed this as a possibility and the need for a mass mailout explaining the new procedures/timeline – which could specify only one delinquent notice.

Carola G. Serrato

Executive Director

South Texas Water Authority

2302 East Sage Rd

Kingsville, Texas 78363

361-592-9323 x112

From: Beth Dixon <support@edmundsgovtech.com>

Sent: Friday, April 23, 2021 7:25 AM

To: mogserrato@stwa.org

Subject: RE: Voicemail from SOUTH TEXAS WAT at (361) 592-9323 on Apr 22 2021 12:20 PM [ref:_00D6g267X8._5004v1YoHnf:ref]

Hi Carola,

I wanted to write up your proposed process to make sure I understand the way you want the delinquent process to work.

Ex. Nueces - 4/8 bill, due 5/7. If April bill is not paid by 5/7, add late charge. Then if the April bill is not paid by 6/7 send delinquent notice. May bills will be processed. If April bill is still not paid by 6/7 add another \$5 late charge and send a second delinquent notice. If April bill is not paid by 6/21 the account will be cut off.

Can you please verify that this is the process you would like to have set up?

Thanks,

Beth Dixon
Customer Support Specialist
Edmunds GovTech

----- Original Message -----

From: SOUTH TEXAS WAT - Voicemail box 3111 [voicemail-noreply@jivecommunications.com]


Sent: 4/22/2021, 12:21 PM

To: support@edmundsgovtech.com

Subject: Voicemail from SOUTH TEXAS WAT at (361) 592-9323 on Apr 22 2021 12:20 PM



You received a new voicemail message

 New voicemail message

Time: Thursday, April 22 2021 12:20 PM
From: SOUTH TEXAS WAT (361) 592-9323
Duration: 1 minute 14 seconds
Voicemail box: 3111

© 2021 LogMeIn Inc
320 Summer St, Boston, MA 02210, United States
Follow us on [Twitter](#), [LinkedIn](#), [Facebook](#)

ref:_00D6g267X8._5004v1YoHnf:ref



ATTACHMENT 5

Winter Storm/Freeze Event

Memorandum

To: Ricardo Water Supply Corporation Board of Directors
From: Carola G. Serrato, General Manager
Date: May 5, 2021
Re: February 2021 Freeze Event

Background:

Enclosed is an updated list of the main items affected during the freeze. As reported in the April memorandum on this subject, the overtime associated with the event was \$1,990.70. The estimate last month for the total cost was \$3,849.35 and the main items needing to be addressed were a crack at the top of one of the three ground storage tanks at PS #2, yard piping repairs at PS #3 and the replacement of a 10" valve on the bypass piping at PS #1.

Analysis:

As you can see from the enclosed list. The remaining items are the valve at Pump Station #1. Although the yard piping has been fixed at Pump Station #3, the tanks needed to be disinfected and Bac-T samples collected prior to being put back online. Staff anticipates that will occur next week. Also enclosed is WO # 6548 for the repair to that station. This added cost brings the Corporation's total to \$4,539.35

Frances DeLeon, Business/Risk Manager, continues to remain in contact with AIA Insurance (AIA), the Corporation's property insurance provider. Enclosed is the communication between AIA and Ms. DeLeon. In the last memo, staff reported that AIA would be inspecting the tank at PS #2. The inspection occurred; however, it appears the claim will likely be denied.

Staff Recommendation:

Keep the Board updated on the status of costs, insurance reimbursements and any necessary FEMA claims.

Board Action:

Provide feedback to staff.

Summarization:

Staff continues to work on the last remaining items. It appears that the valve at PS #1 may require scheduling during late night hours when the pump station can be isolated with the elevated tank at full capacity while the work is being done.

Ricardo Water Supply Corporation - February Freeze Event Problems and Status

As of May 5, 2021

PS	Problem	Status
1	10" valve on MR Bypass needs to be replaced - cracked	Valve is in stock and remains to be scheduled - see May 2021 Board memo.
1	All pvc plumbing in disinfection bldgs cracked/leaked.	All have been fixed or replaced.
1	Disinfection 3/4" valves broke.	All have been fixed or replaced.
1	Flow switches on GST and EST stopped working.	All have been fixed.
1	Pumps not working in auto. No signals coming in.	PS is working in auto again.
1	PSI Level Control and copper line on EST froze.	Working again.
2	Southeast GST cracked at top of tank.	Level is kept below crack. Not leaking now. AIA Insurance has indicated it will likely be declined
2	Flow Switch on EST was not working.	Working again.
2	Meter Run froze.	Back to normal operations.
3	No power and no emergency generator.	PS taken offline and customers put on PS1
3	MR piping to GST separated.	Piping has been repaired. Pump station is scheduled to be put back online on the week of 5/10/21

Date: 4-22-21
4-21-21

RICARDO WATER SUPPLY CORPORATION
WORK ORDER

No 6548

SS Bore LF LSC LF
 Reservice Unlock CSI
 Meter Size: 5/8" 3/4" 1"
 2" Other: _____
 Meter # _____ Reading: _____
 EID: N/A _____ Inv or P.O.# _____
 Corp Stop Size() Inv or P.O.# _____
 Curb Stop Size() Inv or P.O.# _____
 T. Saddle Size() Inv or P.O.# _____
 Box Inv or P.O.# _____

Meter Change-Out:

Old meter # _____ Old Reading: _____
 Old EID: N/A _____

Meter Removal

Inv Salvage Meter # _____

Extension:

_____ LF of _____ Valve Installations
 _____ LF of _____ Size & # _____
 _____ LF of _____ Size & # _____

Leak Repair Line Size _____

Leak-Customer's side: Repair/Other:

Pump Station Troubleshoot

Hydrant Change-out

Materials: _____

Inv P.O.# _____

Regular Hours	#	Crew	Time of Day
	4.50	NG	9:00-12:00 / 1:00-2:00
	1.0	JDL	3:00-4:00
	3.0	VG, JDL	8:00-11:00

O. T. Hours	#	Crew	Time of Day

Accounting Dept.

Tap/Set	_____	@	_____	=	_____
Meter Install	_____	@	_____	=	_____
Box Install	_____	@	_____	=	_____
Valve Install	_____	@	_____	=	_____
Bore	_____	LF @	_____	=	_____
LSC	_____	LF @	_____	=	_____
CSI	_____	@	_____	=	_____
Unlock	_____	@	_____	=	_____
Meter Removal	_____	@	_____	=	_____
Bee Control	_____	@	_____	=	_____
Meter Testing	_____	@	_____	=	_____
Regular Hours Call-Out					
# of hours	4.50	@	60 ⁰⁰	=	270 ⁰⁰
# of hours	4.00	@	60 ⁰⁰	=	240 ⁰⁰
After Hours Call-Out 3.00					
# of hours		@	60 ⁰⁰	=	180 ⁰⁰
# of hours		@		=	
Hydrant Install					
# of hours		@		=	
Extension					
		LF @		=	
		LF @		=	
Leak					
Regular Hours Repair					
# of hours		@		=	
# of hours		@		=	
# of hours		@		=	
O. T. Hour Repair					
# of hours		@		=	
# of hours		@		=	
# of hours		@		=	

Work Order Total
 # 690⁰⁰

Location/Description:
 RWSC # 3
 repairing pipe on GST
 south side was relocated

Bill To:

Frances Rosales - De Leon

From: Lance E. Shore <lshore@glatfelters.com>
Sent: Tuesday, April 27, 2021 1:23 PM
To: 'Frances Rosales - De Leon'
Cc: Cherry Guidry
Subject: Claim#TXPF21030997 Ricardo Water Supply- Status Update
Attachments: IR110000.pdf

RE:

Ms. Francis Rosales- Risk Manager
Policy Number: GPNUPF0026928-00
Loss Location: Multiple
Date of Loss: 2/15/2021
Description of Loss: Freeze damage to Real Property- water system

Dear Ms. Rosales:

Glatfelter Claims Management, Inc. is handling this matter on behalf of National Union and its Affiliated Companies which issued the captioned policy of insurance. I received a Loss Notice on 3/24/2021, and engineering firm PIE Consulting & Engineering was assigned to inspect the water tank at 154 & CR 2170 (Premise2).

As you are aware, the engineer has concluded his investigation and we have attached a copy of the report for your records. A coverage determination letter is forthcoming regarding the concrete water tank at Premise2.

Regarding the remaining damage at 159 W CR2160 (Premise1) and 349 W CR2140 (Premise3), our investigation is still ongoing. Please provide the requested damage photos, repair estimate, and completed repair affidavit for further consideration.

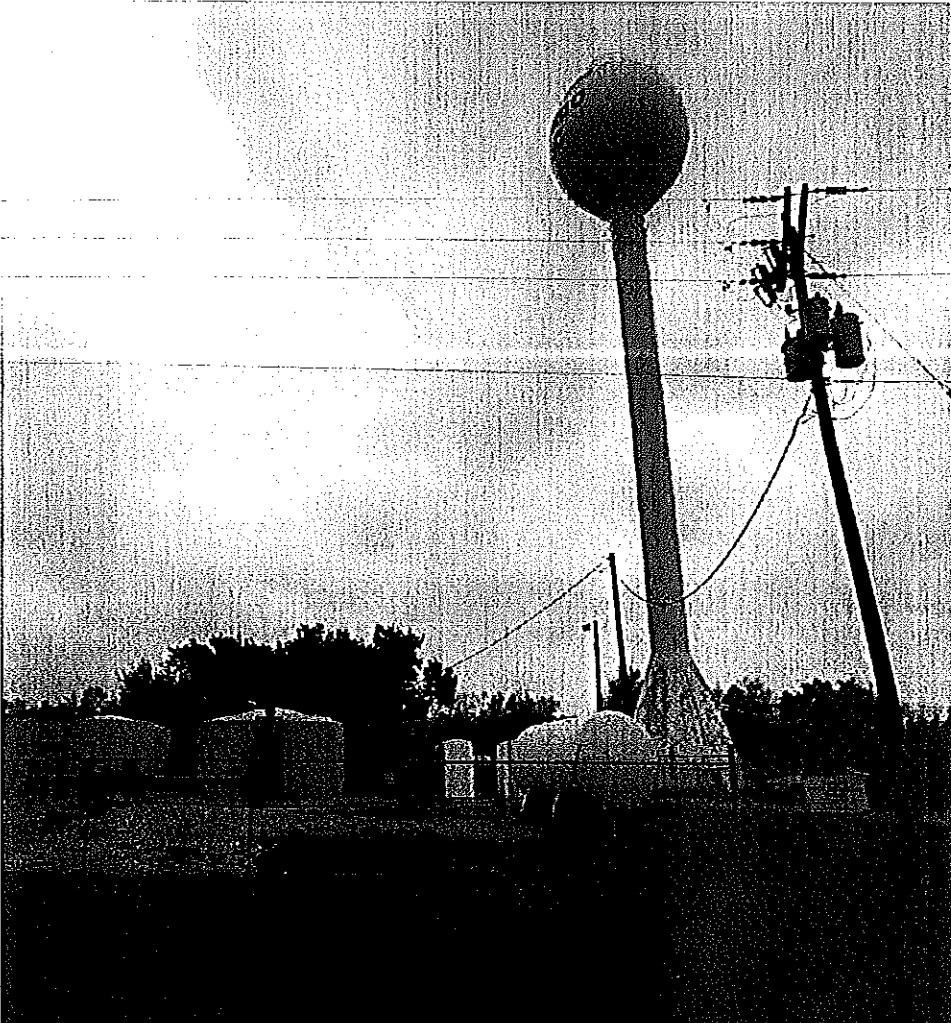
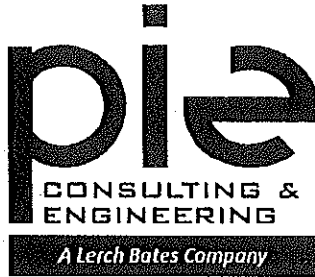
We appreciate your cooperation as our investigation continues and we will keep you advised of our progress. If you have questions, please feel free to contact me at the toll-free number shown below.

Please be advised that our actions at this time are not to be construed as a waiver of any and all rights or defenses the National Union and its Affiliated Companies may have, all of which are expressly reserved. We will be in contact with you once our investigation is complete concerning what coverage, if any, is available under the captioned policy.

Sincerely,

Lance Shore
Sr. Claim Representative
Glatfelter Claims Management Inc.
Please send claim docs to: claims@glatfelters.com
P.O. Box 5126 | York, PA 17405

Confidentiality Notice: The information contained in this communication, including all attachments, is legally protected information, confidential or proprietary information, or a trade secret intended solely for the use of the intended recipient. The information may also be subject to legal privilege. If you are not the intended recipient, you are hereby notified that any use, disclosure, dissemination, distribution, forwarding, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender by reply Fax or e-mail stating the communication was "received in error" and delete or destroy all copies of this communication, including all attachments.



Investigative Report

Ricardo Water Supply Corp
154 CR-E 2170, Kingsville, TX 78363
TX221081.00

Prepared for:
**Glatfelter Claims
Management**

Claim Number:
TXPF21030997

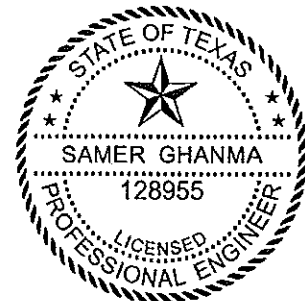
Property Address:
**154 CR-E 2170
Kingsville, TX 78363**

Date:
April 21, 2021

Investigation Supervised by:
Sam Ghanma, P.E.
TX Firm Name: LB PIE LLC
TX Firm Number: 21438

Digitally signed by
Samer Ghanma
Date: 2021.04.21
17:16:49-05'00'

A handwritten signature in black ink, appearing to read "Samer Ghanma".



April 21, 2021

Mr. Lance Shore
Glatfelter Claims Management
P.O. Box 5126
York, Pennsylvania 17405

Project Number: TX221081.00 (220)
Insured: Ricardo Water Supply Corp
Claim Number: TXPF21030997
Date of Loss: February 15, 2021
Loss Location: 154 CR-E 2170
Kingsville, TX 78363

Dear Mr. Shore:

Pie was retained by Glatfelter Claims Management to investigate the concrete water tank as it relates to reported damage due to a freeze event at the above address.

The structure was a reinforced concrete water tank. For the purpose of this report, the water tank faced south onto CR-E 2170. According to information provided, the water tank was built in 1964.

The results of our investigation are presented herein.

Purpose and Scope

Pie's scope of work was the following:

1. Determine causation of reported damage to concrete water tank.
2. Document ancillary tank equipment, such as meters, valves, etc. for freeze damage.

Gathered Information

Pie conducted the site investigation on April 7, 2021. Mr. Donny Cantu, with South Texas Water Authority, was present during the site visit.

INFORMATION PROVIDED BY OTHERS

While conducting the onsite investigation, Mr. Cantu provided information related to the property and the following is Pie's understanding of the information:

- The reinforced concrete water tanks were built in 1964.
- The site includes four reinforced concrete water tanks that hold approximately 20,000 gallons of water each.
- Cracks were observed at the wall-to-cap transition of the southeast reinforced concrete water tank during a February 2021 winter event.
- The top cap of the tank to the west of the subject water tank collapsed prior to the February 2021 winter event and is no longer in use.
- PVC pipes were replaced during winter event.
- Steel tank to the east of the water tanks is not in use.
- The water level in the concrete water tanks is usually at 6 to 7-feet except for emergencies where the water is at 8-feet deep.

OBSERVATIONS

SITE AND ANCILLARY COMPONENTS

The Ricardo Water Supply Corp site was fenced-in and included four painted reinforced concrete water tanks to the northwest portion of the property, a steel tank that is not in use to the southeast, and a water standpipe to the northeast. Three shed-type ancillary structures were located to the east of the concrete water tanks.

PVC pipes were observed connecting to the main steel pipes at the south end of the property. Some of the PVC pipes had insulating sleeves surrounding them, while others were exposed to the elements. The main steel pipes had insulation, black plastic sheets, and duct tape wrapped around them.

Two of the ancillary sheds were used to store disinfecting equipment and as storage for ammonia and chlorine tanks. The disinfecting equipment used PVC piping.

REINFORCED CONCRETE WATER TANKS

The concrete water tanks were situated as two rows of two tanks. The first row, located slightly south of the second row, included tanks 1 and 2 (from west to east). The second row included tanks 3 and 4 (from west to east).

Tank 1 was not in use due to the top cap that had failed at the wall-to-cap transition. The top cap had collapsed into the interior cavity of the tank. Broken concrete sections and debris were surrounding the perimeter of the tank. The debris included rust deposits on the inner surfaces of the concrete (which would have been facing the interior of the tank), rusted diamond steel mesh reinforcement, and flakes/bits of rusted steel rebar. Corroded rebar steel protruded from the wall-to-cap transition and from the perimeter of the top cap that had collapsed into the base of the tank. The corrosion had caused the rebar to lose cross-sectional area. Rust stains were observed on the interior surfaces of the tank walls, originating from the rusted wall rebar. The inner diameter and depth of the tank were measured at 19-feet and 9-feet, respectively.

Tank 2, which is the subject tank, exhibited mostly horizontal cracking at the wall-to-cap transition, as well as cracking with no specific pattern at the top cap of the tank. The cracks at these locations ranged from hairline cracks to approximately 0.05-inches in width. Sporadic shallow spalling and chipped paint finishes were evident at the top cap. Some of the cracks had sharp jagged edges and did not include debris, paint, or dull surfaces within the crack. On the other hand, some of the cracks had rounded edges and exhibited paint or debris on the surfaces within the crack. A spall at the wall-to-cap transition on the north end of the tank revealed a portion of the inner surface of the top cap. Rusted diamond steel mesh reinforcement was observed at this location.

Tanks 3 and 4 exhibited similar mostly horizontal cracking at the wall-to-cap transitions.

Wall plumbness measurements of Tank 2 were taken using a digital level. The maximum measurement recorded was 0.5-degrees from vertical. In addition, a Schmidt hammer test was utilized per ASTM C805 "Standard Test Method for Rebound Number of Hardened Concrete" to estimate the in-place strength of the concrete tank walls and to delineate regions of poor quality or deteriorated concrete. It should be noted that the estimation of the strength of concrete cannot be held to be very accurate, and the probable accuracy of prediction of concrete strength in a structure is +/- 25% using this method. The rebound numbers from two exterior wall surfaces on Tank 2, CR#1 and CR#2 on the south and west walls, respectively, are tabulated below.

Table 1: Summary of Rebound Numbers Recorded from Concrete Tank 2.

Surface Designation	Rebound Numbers Recorded	Average Rebound Number
CR#1	52, 46, 52, 52, 50, 48, 48, 50	50
CR#2	52, 50, 54, 52, 54, 52, 54, 48, 52, 52	52

Using the appropriate conversion calculations of the rebound data to the correlating estimated concrete compressive strength, the results indicate that the average strength of concrete was approximately 8,550 psi.

WEATHER DATA

Weather Research was performed using the services in part of the Weather Underground's historical weather archive (WU at <http://wunderground.com>). Information from these sources has been retained in Pie's files and may be produced upon request. The weather data was reviewed in the vicinity of the property between February 14 and 19, 2021. Due to weather variations with distance and variations in reporting, weather at the property may not have been the same as was recorded elsewhere in the area. Rather, this data is included to provide a summary of reported storm events in the vicinity of the property. Moreover, additional weather data may be available at a later date. A summary table of the most relevant data is included below.

Table 2: Temperature data for Corpus Christi, Texas between February 14 and February 19, 2021.

Date	Minimum Temperature (F)	Maximum Temperature (F)
February 14, 2021	25	36
February 15, 2021 (Date of Loss)	17	30
February 16, 2021	19	34
February 17, 2021	30	41
February 18, 2021	32	48
February 19, 2021	31	51

Discussion and Analysis

In analyzing the data collected, Pie relied upon the sound fundamentals of engineering and science.

An excerpt from the American Concrete Institute document ACI 222R-19 "Guide to Protection of Reinforcing Steel in Concrete against Corrosion" states the following: *Deterioration of concrete due to corrosion of the reinforcing steel results because the solid products of corrosion (rust) occupy a greater volume than the original steel and exert expansive stresses on the surrounding concrete. The outward manifestations of the rusting include staining, cracking, and spalling of the concrete (Torres-Acosta and Sagüés 2004). Concurrently, the cross-sectional area of the reinforcing steel is*

reduced. With time, structural distress may occur either because of loss of bond between the reinforcing steel and concrete due to cracking, delamination, and spalling, or because of the reduced steel cross-sectional area."

According to Mr. Cantu, the collapsed top of Tank 1 failed prior to the freeze event in February 2021. Severely corroded rebar, causing significant section loss of the steel, was observed at the wall-to-cap transition and the cap itself. Debris inside the tank and surrounding the perimeter of the tank included broken sections of concrete that exhibited rust stains, severely rusted diamond steel mesh reinforcement and flakes/bits of rusted rebar.

Cracks within the concrete are indicative of movement of the specific building material or the structure. Close observation of the crack characteristics can provide insight into the potential cause and relative age of the damage to the material.

Characteristics of recently formed cracks include:

- Sharp, jagged edges. As cracks age, the edges become rounded and dull due to wear and exposure. Thus, a sharp-edged crack is indicative of relatively recent formation.
- For concrete surfaces, the presence of loose concrete along the edges of the crack or spalls. Over time loose pieces of concrete tend to fall out of the crack/spall. Therefore, the presence of the loose materials still attached to the surface of the crack/spall is suggestive of relatively recent damage.
- A bright color in the exposed surfaces of the crack. As building materials age, their surfaces oxidize, collect particulate and debris, and generally become duller over time and blend in with the surrounding surface. The exposed concrete surfaces within recently formed cracks tend to have a brighter and sharper color contrast than aged cracks. In addition, recently formed cracks exhibit a lack of dust, cobwebs, paint and debris within the crack.

Crack characteristics that indicate the damage is likely a long-term condition include the presence of cobwebs, dust, and insect debris within the crack. In addition, the presence of paint within the crack can also help date the formation of the damage provided the date the paint was applied is known. Over time, loose materials along the edges of a crack tend to fall out and become worn down. Dull, rounded edges of the crack surfaces are an indicator that can help determine the age of a crack.

Tank 2, which is the subject tank, had cracks at the wall-to-cap transition and top of the tank. Some of these cracks had sharp jagged edges and did not include debris, paint, or dull surfaces within the crack. This indicates that these cracks are of a newer vintage. On the other hand, some of the cracks had rounded edges and exhibited paint or debris on the surfaces within the crack. This indicates that these specific cracks are of older vintage and due to a long-term condition. Moreover, spalling at the wall-to-cap transition on the north end of the tank revealed a portion of the inner surface of the top cap. Rusted diamond steel mesh reinforcement was observed at this location. Wall plumbness measurements were within 0.5-degrees of vertical, which is within allowable tolerances for a reinforced concrete tank built in 1964. Additionally, the in-place strength of the

concrete tank walls was measured at 8,550 psi. No indications of poor quality or deteriorating concrete was evident at the two test locations (CR#1 and CR#2) on tank number 2.

Similarly, Tanks 3 and 4 exhibited horizontal cracks at the wall-to-cap transitions. These distresses followed a similar pattern. Specifically, the mostly horizontal cracks occurred at the wall-to-cap transitions across Tanks 2, 3 and 4. Moreover, the failure of the top cap of Tank 1 appeared to have occurred at the wall-to-cap transition and had failed prior to the freeze event in February 2021. Although subfreezing temperatures as low as 17-degrees Fahrenheit occurred at the subject property during a winter storm event, it was evident that the cracks and deterioration of concrete were due to corrosion of the reinforcing steel at the wall-to-cap transition and top cap. The freeze event did not cause any damage to the water tank. The rust exerted expansive stresses on the surrounding concrete causing it to crack. With time, the top cap of Tank 1 failed due to loss of bond between the reinforcing steel and concrete due to cracking and because of the reduced steel cross-sectional area. All three remaining tanks are experiencing similar distresses, indicating that the reinforcement steel in those tanks have rusted, consequently causing the deterioration of concrete observed.

Water expands by approximately 9% in volume once it freezes. Hypothetically, if the tanks were filled with water to emergency levels at 8-feet deep, which equates to approximately 17,000 gallons of water, and the entire volume of water in the concrete tanks froze, the water would expand by 1,530 gallons for a total volume of 18,530 gallons. This means that the 20,000-gallon capacity tank would still have enough room to accommodate the water expanding prior to applying pressure on the tank walls.

The PVC piping connected to the ancillary components were reported to freeze and burst, requiring them to be replaced. The property experienced subfreezing temperatures on and around February 15, 2021, as reported by weather data researched. These temperatures would be expected to cause damage to uninsulated PVC pipes.

Conclusions

It is Pie's determination that:

1. The cracks in the top cap and wall-to-cap transition of Tank 2 are due to progressive and long-term deterioration of the concrete due to corrosion of the reinforcing steel.
2. The uninsulated PVC pipes connected to the ancillary components experienced subfreezing temperatures on and around February 15, 2021, which had caused them to freeze and burst.

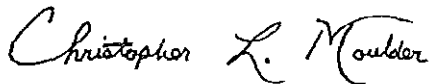
The determinations and results described in this report are based on information available at the time of the observation and preparation of this report. Should additional information or unknown conditions be uncovered or made available, Pie Consulting & Engineering retains the right to revise and supplement this report accordingly. In addition, this report is a general summary of writings, recordings, photographs, and other information, which is available for review and placed within the job file.

Sincerely,
Pie Consulting and Engineering

Firm Name: LB PIE LLC
Firm Number: F-21438



Observed and Prepared by:
Sam Ghanma, P.E.
Project Manager



Reviewed by:
Christopher L. Moulder, P.E.
Technical Director

SRG:CLM:lb

Attachments:
Attachment A – Photographs

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Attachment A

Ricardo Water Supply Photos

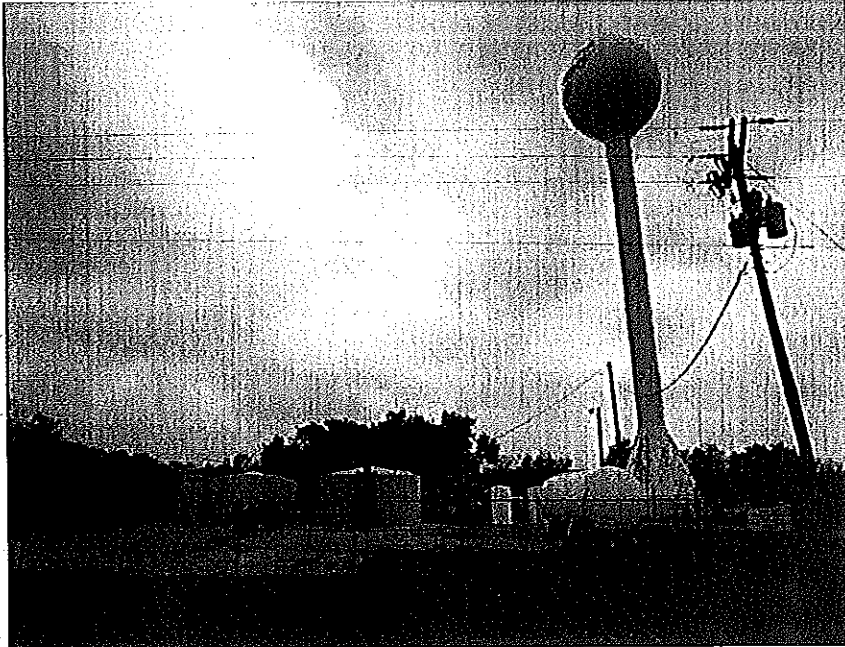


Photo 1 – General overview of site.

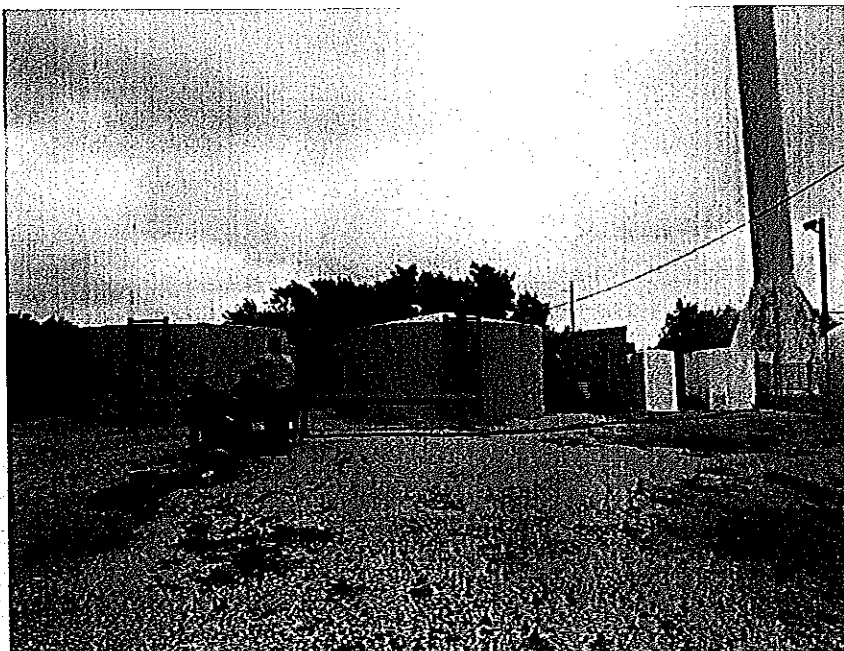


Photo 2 – General overview of site. Note the steel pipes wrapped with insulation, black plastic sheets, and duct tape.

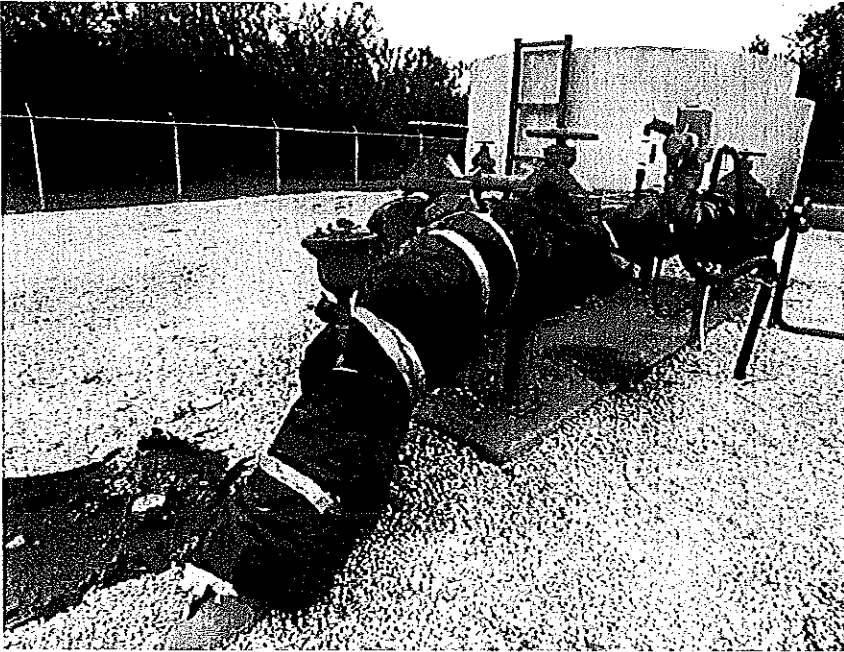


Photo 3 – Close-up view of ancillary components wrapped with insulation, black plastic sheets, and duct tape.



Photo 4 - Close-up view of ancillary components wrapped with insulation, black plastic sheets, and duct tape.



Photo 5 – Ancillary structures containing disinfecting chemicals and equipment.

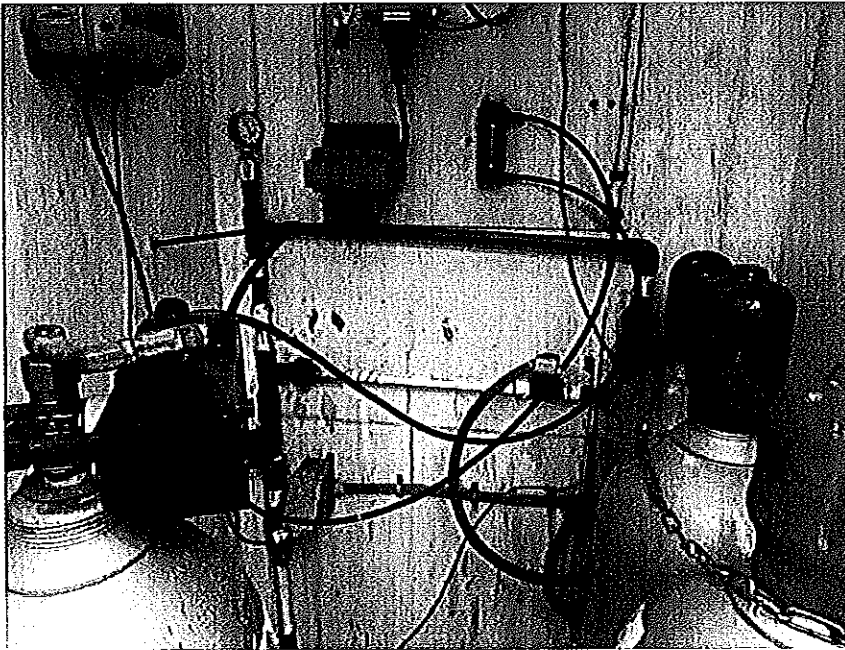


Photo 6 – View of PVC pipes inside ancillary shed containing chlorine.

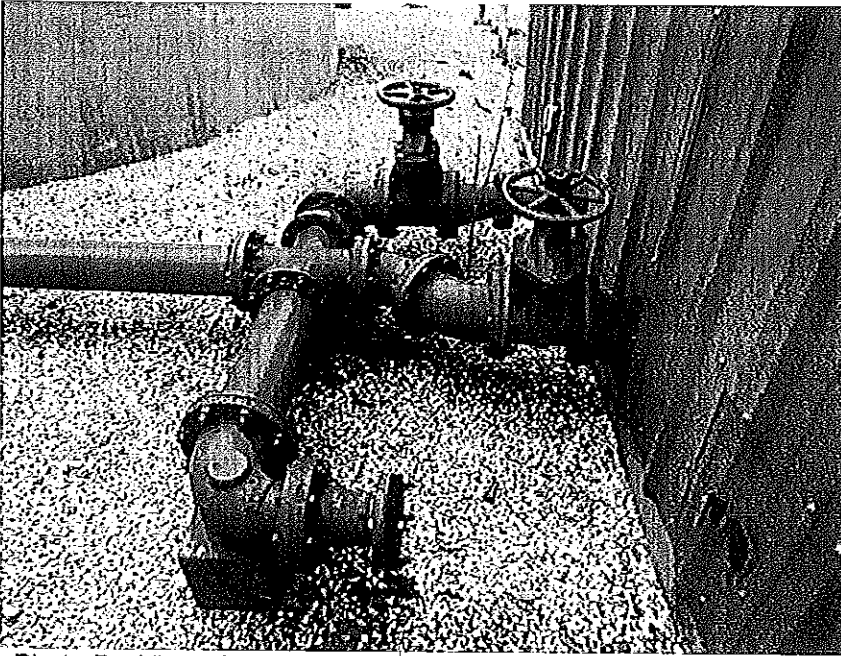


Photo 7 – View of steep pipes located between ancillary structure and concrete water tanks.

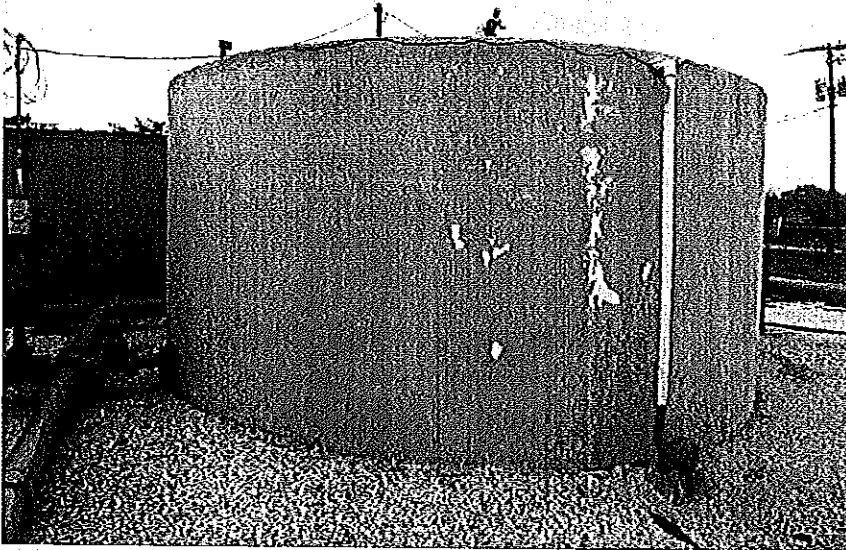


Photo 8 – Northwest portion of tank 2. Note the horizontal crack at the wall-to-cap transition.

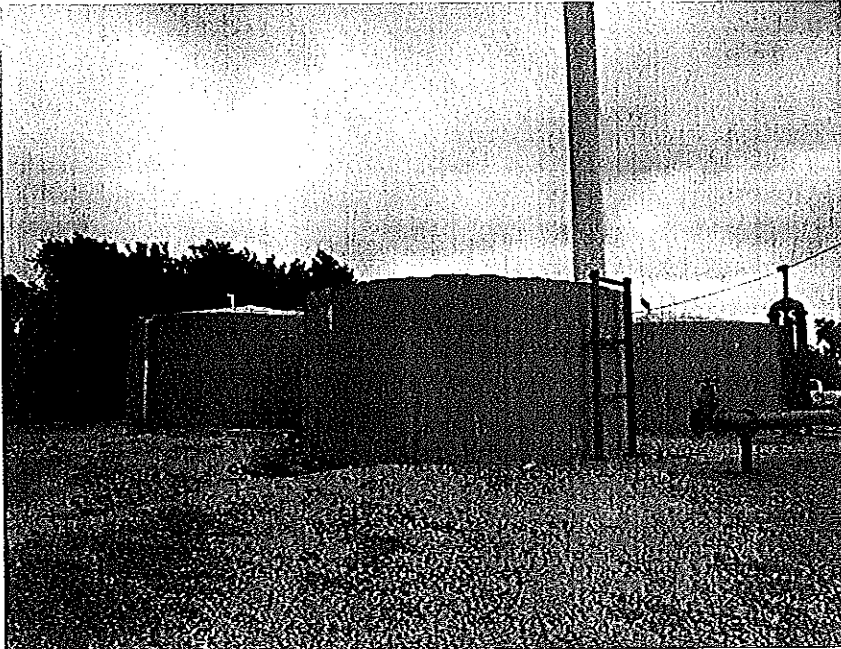


Photo 9 – View of Tank 1, which had a collapsed top cap.



Photo 10 – View of north elevations of Tanks 3 and 4.

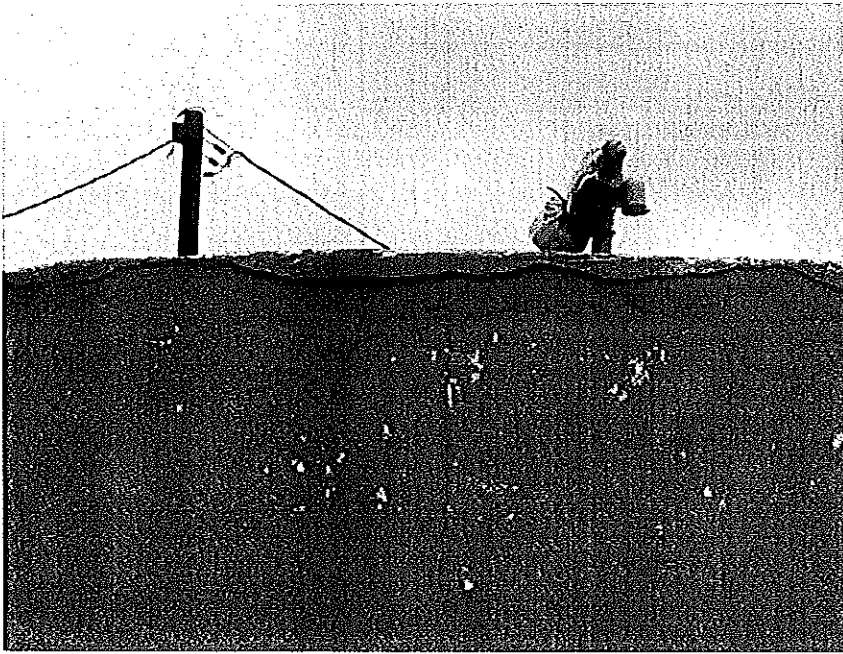


Photo 11 – View of horizontal crack at wall-to-cap transition at Tank 2.

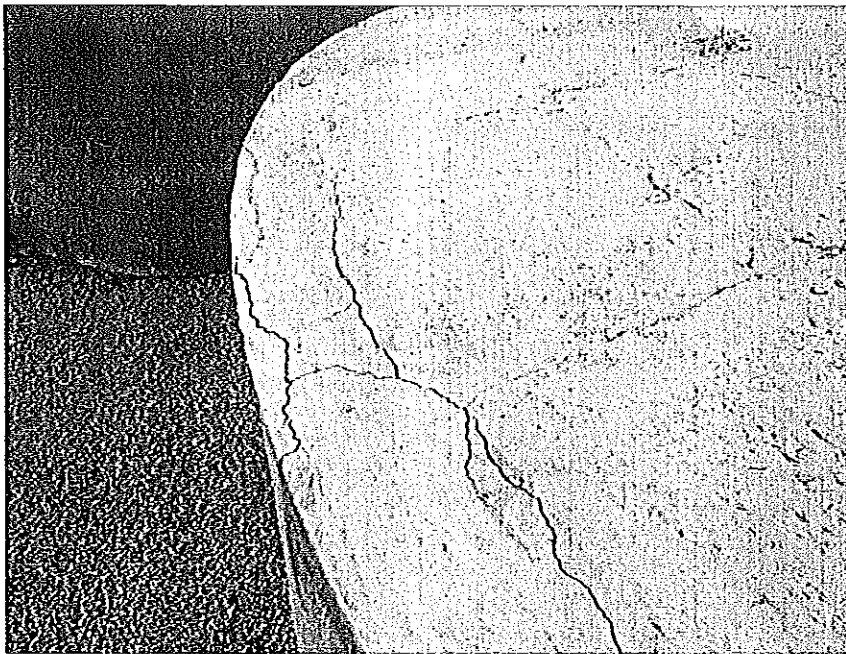


Photo 12 – View of cracking on top cap of Tank 2.

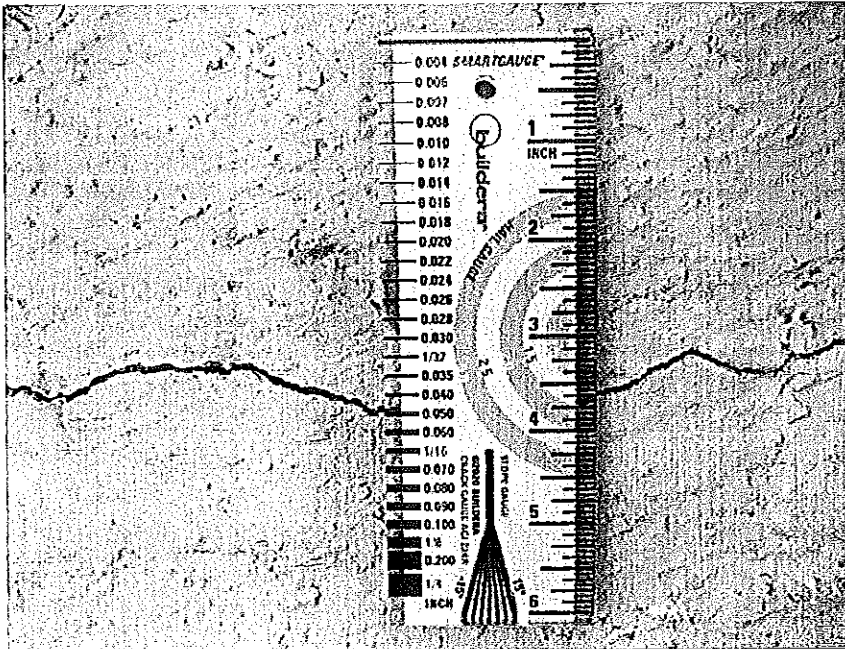


Photo 13 – View of crack on top cap of Tank 2.

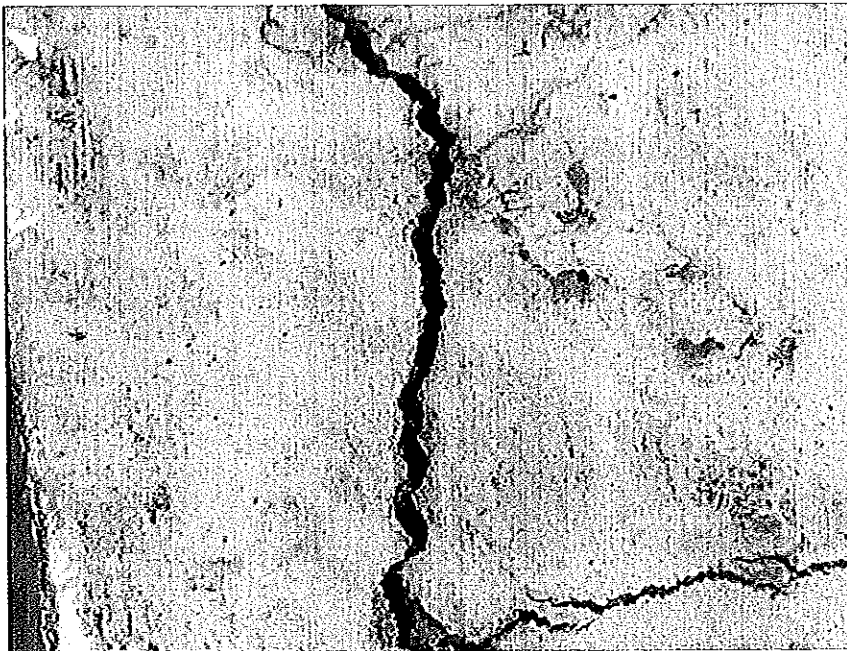


Photo 14 – Close-up view of crack at top of Tank 2.

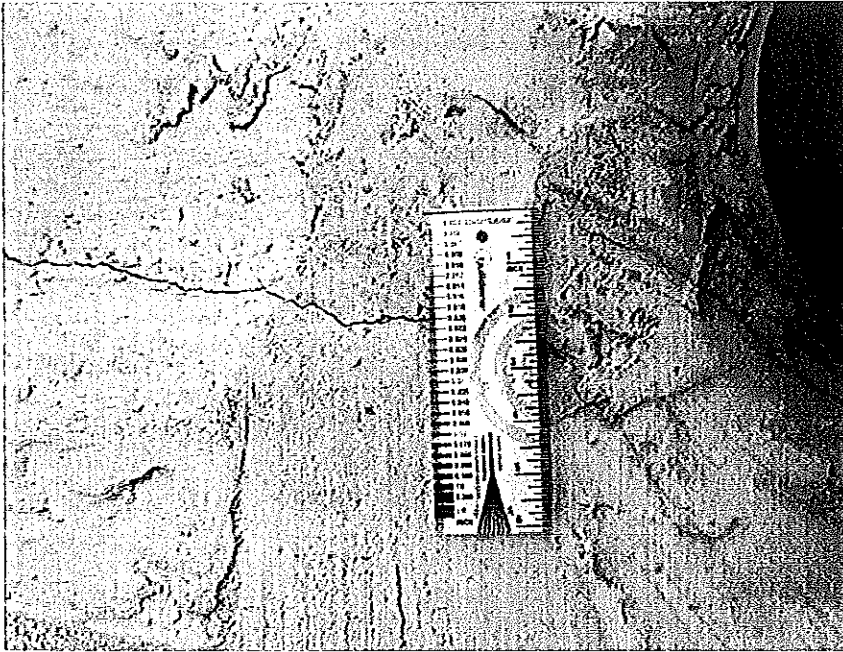


Photo 15 – View of crack on top of Tank 2.



Photo 16 – View of horizontal crack at wall-to-cap transition at south elevation of Tank 2.

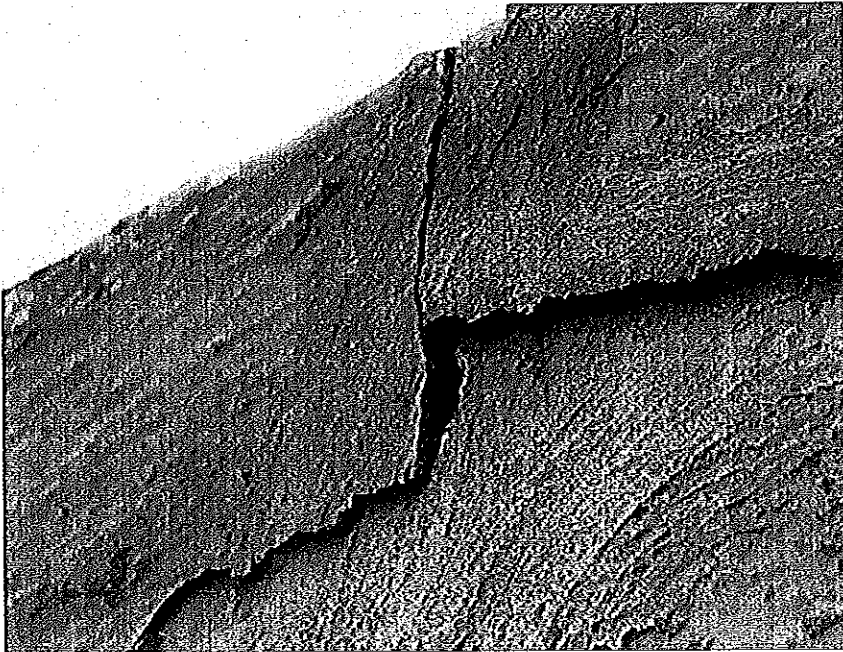


Photo 17 – Close-up view of crack at wall-to-cap transition.



Photo 18 – View of spall on wall-to-cap transition at north end of Tank 2.

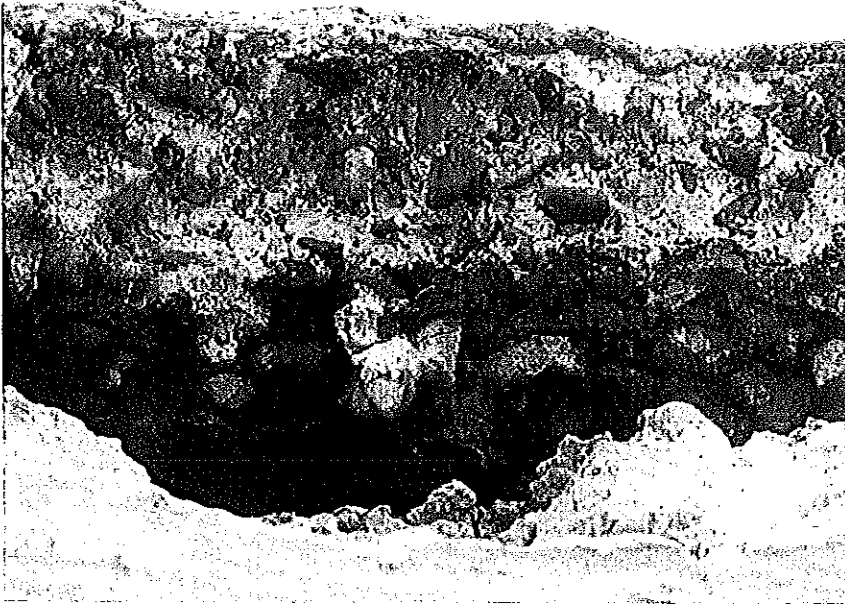


Photo 19 – Close-up view of spall on wall-to-cap transition at north end of Tank 2. Note the rusted diamond steel mesh reinforcement.

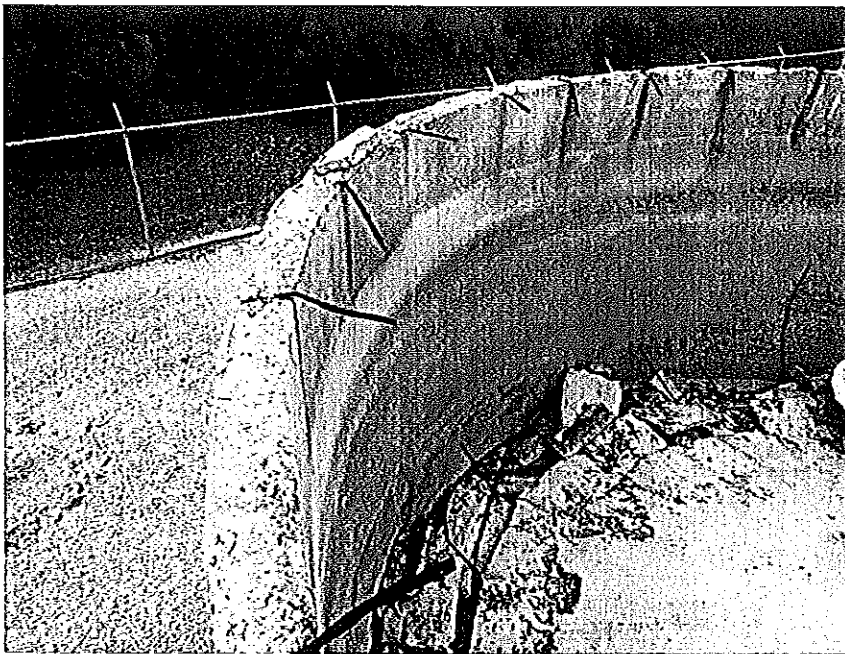


Photo 20 – Overview of Tank 1. Note the rusted reinforcement and collapsed top cap.

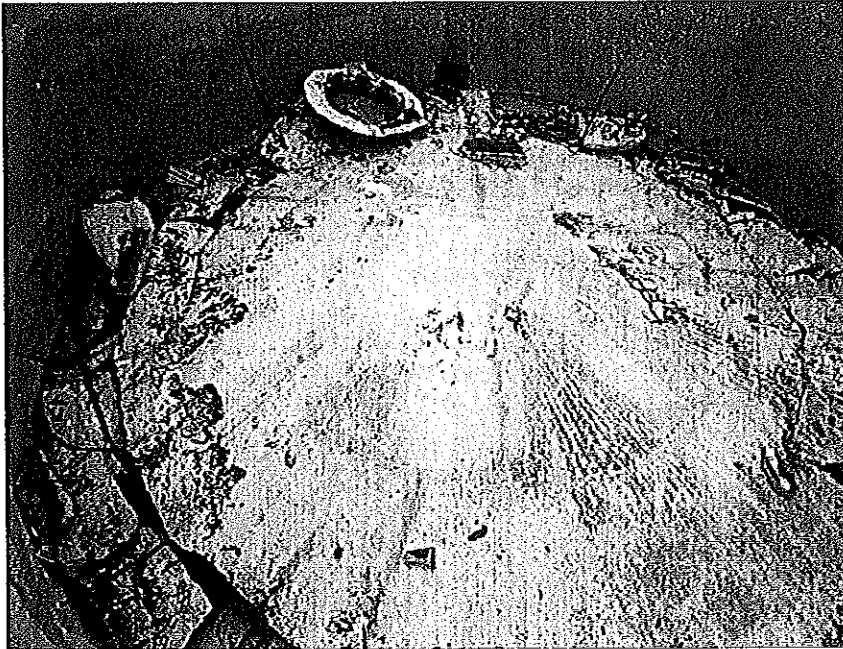


Photo 21 – View of collapsed top cap at interior of Tank 1.



Photo 22 – Close-up view of rusted rebar at top of Tank 1 wall.

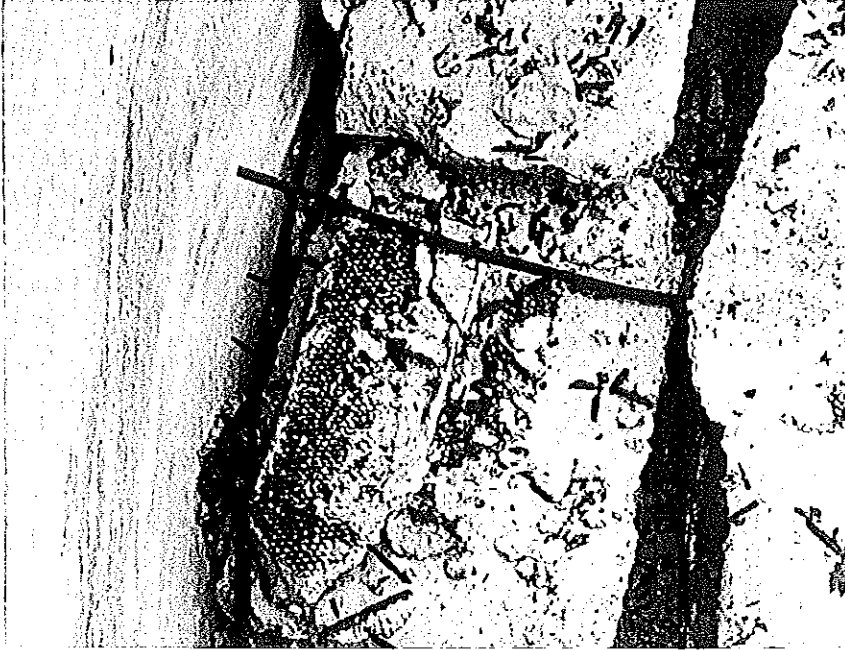


Photo 23 – Close-up view of debris at bottom of Tank 1. Note the rusted rebar flakes/bits and rusted diamond steel mesh reinforcement.

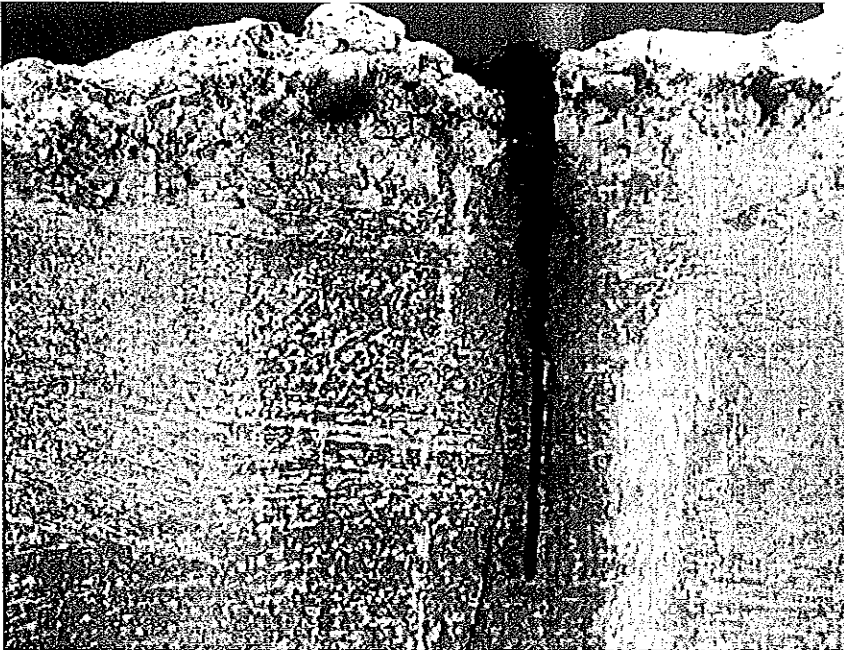


Photo 24 - Close-up view of significant section loss of rebar at top of Tank 1 wall.

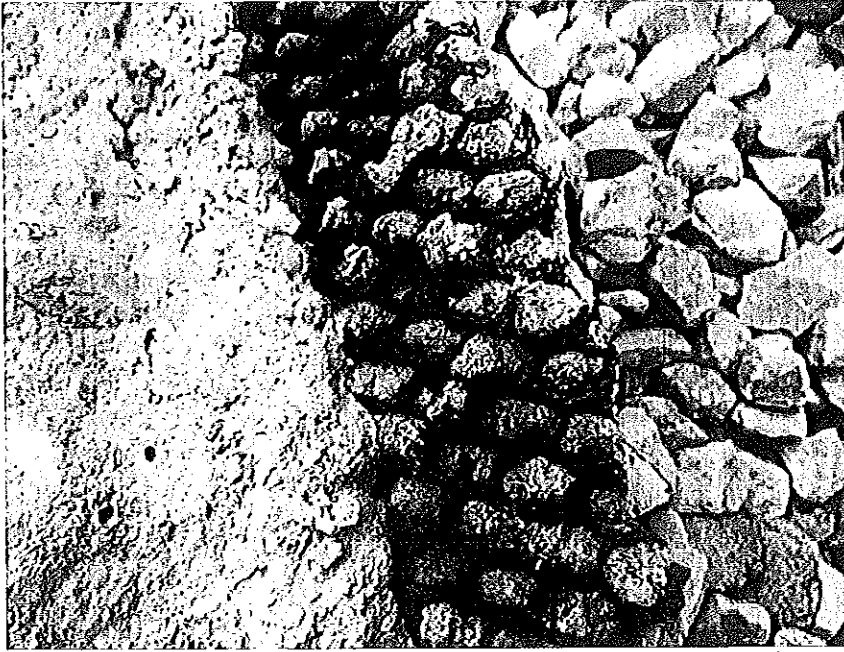


Photo 25 – Close-up view of rusted diamond steel mesh reinforcement on broken piece of concrete adjacent to Tank 1.

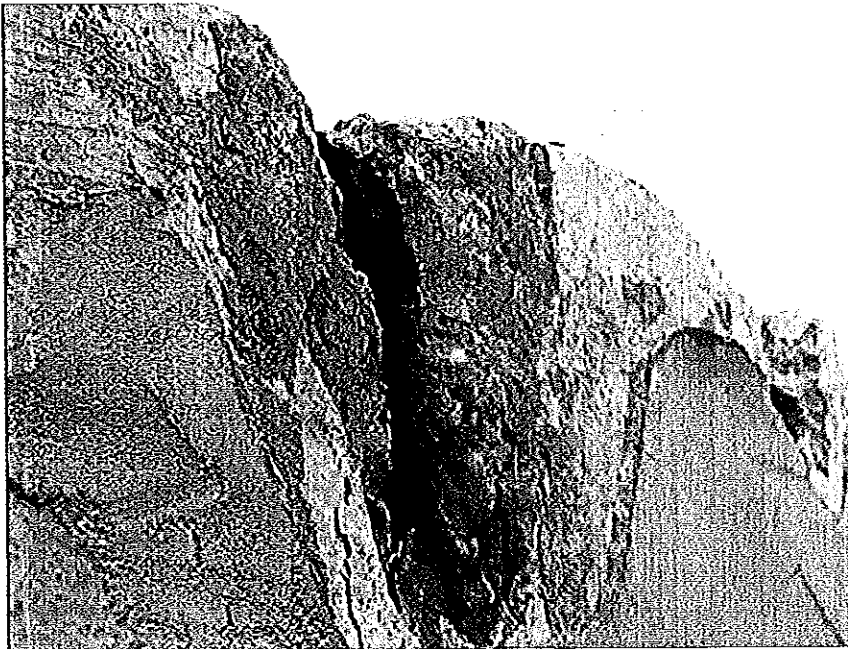


Photo 26 – Close-up view of rusted rebar and condition of concrete surrounding rebar at top of Tank 1 wall.

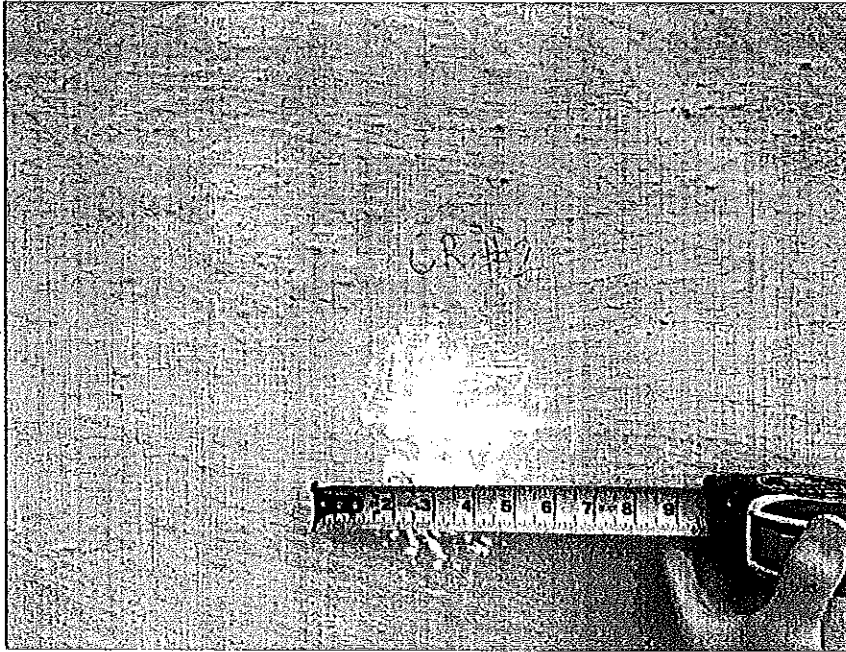


Photo 27 – Location of smoothed surface at test location CR#2.

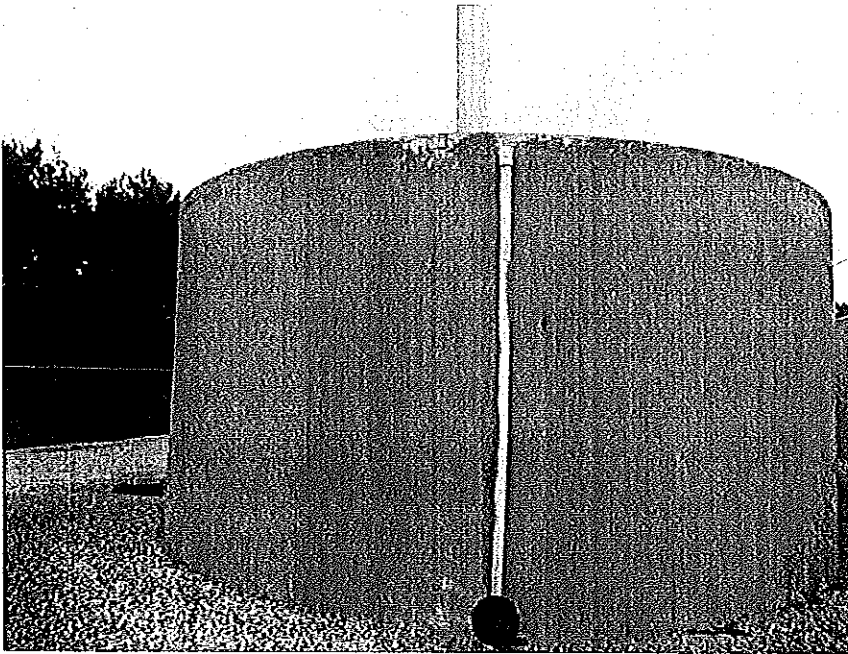


Photo 28 – Overview of Tank 3. Note the horizontal cracks at the wall-to-cap transition.

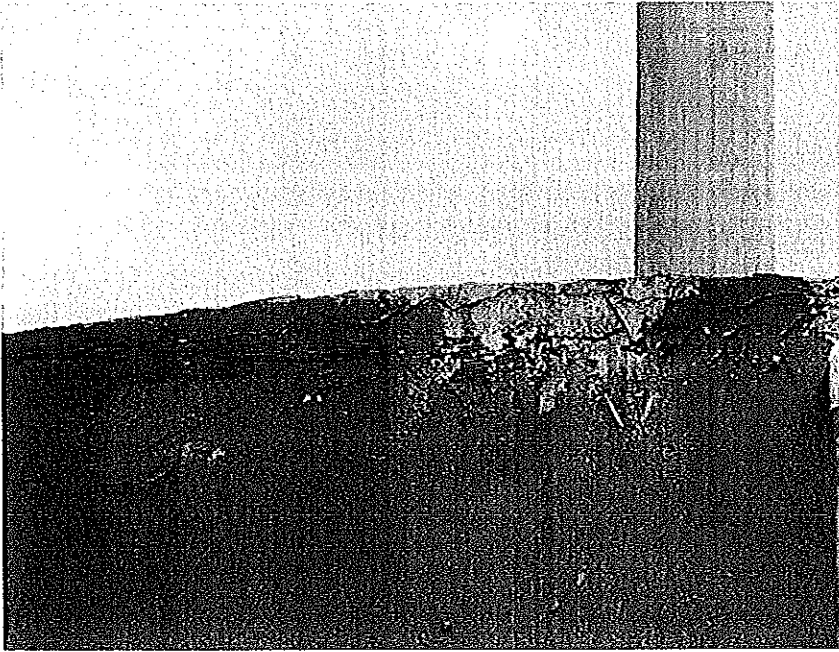


Photo 29 – Close-up view of horizontal crack at wall-to-cap transition at Tank 3.



Photo 30 - Overview of Tank 4. The tank exhibited horizontal cracks at the wall-to-cap transition.