



**AGENDA
TOWN OF SUNNYVALE
SUNNYVALE TOWN COUNCIL
SPECIALLY CALLED MEETING
FEBRUARY 14, 2011
6:00 P.M.**

THE TOWN COUNCIL OF THE TOWN OF SUNNYVALE, TEXAS WILL CONDUCT A SPECIALLY CALLED MEETING ON FEBRUARY 14, 2011 AT 6:00 P.M. IN THE COUNCIL CHAMBERS OF THE SUNNYVALE TOWN HALL LOCATED AT 127 N. COLLINS ROAD, SUNNYVALE, TEXAS UNDER V.T.C.A., GOVERNMENT CODE SECTION 551.041 AND GOVERNMENT CODE SECTION 551.071. ITEMS TO BE DISCUSSED:

- **CALL MEETING TO ORDER**

- **CONVENE INTO EXECUTIVE SESSION PURSUANT TO V.T.C.A. GOVERNMENT CODE SECTION 551.071 - LITIGATION AND SECTION 551.087 - ECONOMIC DEVELOPMENT**

EXECUTIVE SESSION AGENDA:

- 1. LITIGATION - DEWS VS TOWN OF SUNNYVALE**
- 2. ECONOMIC DEVELOPMENT - TO DISCUSS AND DELIBERATE COMMERCIAL OR FINANCIAL INFORMATION FROM A POTENTIAL BUSINESS PROSPECT SEEKING TO LOCATE OR EXPAND IN THE TOWN AND TO DELIBERATE THE OFFER OF FINANCIAL OR OTHER INCENTIVE TO SAME**

- **RECONVENE INTO OPEN SESSION AND TAKE ANY ACTION NECESSARY AS A RESULT OF THE EXECUTIVE SESSION**

- **ADJOURN**

ALL LOCATIONS IDENTIFIED ARE IN THE TOWN OF SUNNYVALE UNLESS OTHERWISE INDICATED. FOR A DETAILED PROPERTY DESCRIPTION, PLEASE CONTACT THE BUILDING OFFICIAL AT TOWN HALL. ALL ITEMS ON THE AGENDA ARE FOR POSSIBLE DISCUSSION AND ACTION. PLEASE TURN OFF ALL TELEPHONES AND HANDHELD COMMUNICATION DEVICES WHILE IN ATTENDANCE AT THIS MEETING. MEMBERS OF THE PUBLIC ARE REQUESTED TO LIMIT THEIR COMMENTS, WHETHER AT THE PUBLIC FORUM OR DURING A PUBLIC HEARING, TO NO MORE THAN FIVE (5) MINUTES.

THE SUNNYVALE TOWN COUNCIL RESERVES THE RIGHT TO ADJOURN INTO EXECUTIVE SESSION AT ANY TIME DURING THE COURSE OF THIS MEETING TO DISCUSS ANY OF THE MATTERS LISTED ABOVE, AS AUTHORIZED BY TEXAS GOVERNMENT CODE SECTION 551.071 (CONSULTATION WITH ATTORNEY), 551.072 (DELIBERATION ABOUT REAL PROPERTY), 551.073 (DELIBERATIONS ABOUT GIFTS AND DONATIONS), 551.074 (PERSONNEL MATTERS), 551.076 (DELIBERATIONS ABOUT SECURITY DEVICES), AND 551.086 (ECONOMIC DEVELOPMENT).

THE TOWN OF SUNNYVALE IS COMMITTED TO COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA). REASONABLE ACCOMMODATIONS AND EQUAL ACCESS TO COMMUNICATIONS WILL BE PROVIDED TO THOSE WHO PROVIDE NOTICE TO THE DIRECTOR OF COMMUNITY SERVICES AT 972-226-7177 AT LEAST 48 HOURS PRIOR TO THE MEETING.

I HEREBY CERTIFY THAT THE FOREGOING NOTICE WAS POSTED ON THIS THE 10TH DAY OF FEBRUARY 2011 IN THE FOLLOWING LOCATIONS

TOWN HALL AT 127 N. COLLINS ROAD

SUNNYVALE ISD 417 E. TRIPP ROAD

SUNNYVALE LIBRARY AT 402 TOWER PLACE

KATHRYN DEWEY, TOWN SECRETARY



**AGENDA
TOWN OF SUNNYVALE
SUNNYVALE TOWN COUNCIL
REGULAR MEETING
FEBRUARY 14, 2011
7:00 P.M.**

THE TOWN COUNCIL OF THE TOWN OF SUNNYVALE, TEXAS WILL CONDUCT A REGULAR MEETING ON FEBRUARY 14, 2011 AT 7:00 P.M. IN THE COUNCIL CHAMBERS OF THE SUNNYVALE TOWN HALL LOCATED AT 127 N. COLLINS ROAD, SUNNYVALE, TEXAS UNDER V.T.C.A., GOVERNMENT CODE SECTION 551.041. ITEMS TO BE DISCUSSED:

- **CALL TOWN COUNCIL MEETING TO ORDER**
- **INVOCATION**
- **PLEDGE OF ALLEGIANCE**

1. CONSENT AGENDA

(ALL ITEMS ON THE CONSENT AGENDA ARE ROUTINE ITEMS AND MAY BE APPROVED WITH ONE MOTION; SHOULD ANY MEMBER OF THE TOWN COUNCIL OR ANY INDIVIDUAL WISH TO DISCUSS ANY ITEM, SAID ITEM MAY BE REMOVED FROM THE CONSENT AGENDA BY MOTION OF THE TOWN COUNCIL)

- A. APPROVAL OF MINUTES - SPECIAL MEETING 01-24-11**
- B. APPROVAL OF MINUTES - REGULAR MEETING 01-24-11**
- C. APPROVAL OF MINUTES - SPECIAL MEETING 02-07-11**

• **PUBLIC FORUM**

(CITIZENS MAY SPEAK ON ANY MATTER OTHER THAN PERSONNEL MATTER OR MATTERS UNDER LITIGATION. NO TOWN COUNCIL ACTIONS OR DISCUSSION WILL BE TAKEN UNTIL SUCH MATTER IS PLACED ON THE AGENDA AND POSTED IN ACCORDANCE WITH LAW.)

• **DISCUSSION/ACTION ITEMS**

- 2. DISCUSSION REGARDING DESIGNATION OF US HWY 80 AS A BLUE STAR MEMORIAL HIGHWAY**
- 3. STAFF PRESENTATION TO DISCUSS WATER CAPITAL IMPROVEMENTS PROJECT PLANNING AND FINANCING EFFORTS**

• **ADJOURN**

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THE SUNNYVALE TOWN COUNCIL RESERVES THE RIGHT TO ADJOURN INTO EXECUTIVE SESSION AT ANY TIME DURING THE COURSE OF THIS MEETING TO DISCUSS ANY OF THE MATTERS LISTED ABOVE, AS AUTHORIZED BY TEXAS GOVERNMENT CODE SECTION 551.071 (CONSULTATION WITH ATTORNEY), 551.072 (DELIBERATION ABOUT REAL PROPERTY), 551.073 (DELIBERATIONS ABOUT GIFTS AND DONATIONS), 551.074 (PERSONNEL MATTERS), 551.076 (DELIBERATIONS ABOUT SECURITY DEVICES), AND 551.086 (ECONOMIC DEVELOPMENT).

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I HEREBY CERTIFY THAT THE FOREGOING NOTICE WAS POSTED ON THIS THE 10TH DAY OF FEBRUARY 2011 IN THE FOLLOWING LOCATIONS:

**TOWN HALL AT 127 N. COLLINS ROAD SUNNYVALE ISD 417 E. TRIPP ROAD
SUNNYVALE LIBRARY AT 402 TOWER PLACE**

KATHRYN DEWEY, TOWN SECRETARY



AGENDA ITEM SUMMARY

TO: Town Council
FROM: Scott Campbell, Town Manager *SC*
RE: **ITEM 1: Consent Items**
DATE: February 10, 2011

Item A: Minutes of 1-24-11 and 2-07-11



**MINUTES
TOWN OF SUNNYVALE
SUNNYVALE TOWN COUNCIL
SPECIALLY CALLED MEETING
JANUARY 24, 2011
6:00 P.M.**

THE TOWN COUNCIL OF THE TOWN OF SUNNYVALE, TEXAS CONDUCTED A SPECIALLY CALLED MEETING ON JANUARY 24, 2011 AT 6:00 P.M. IN THE COUNCIL CHAMBERS OF THE SUNNYVALE TOWN HALL LOCATED AT 127 N. COLLINS ROAD, SUNNYVALE, TEXAS UNDER V.T.C.A., GOVERNMENT CODE SECTION 551.041 AND GOVERNMENT CODE SECTION 551.071. THOSE PRESENT WERE:

MAYOR	DAVID BYRD
MAYOR PRO-TEM	KAREN HILL
COUNCILMEMBER	PAULA YATES
COUNCILMEMBER	SAJI GEORGE
COUNCILMEMBER	RONNIE HENDERSON, JR
COUNCILMEMBER	PAT WILEY

- **CALL MEETING TO ORDER**

Mayor Byrd called the meeting to order at 6:00 p.m.

- **CONVENE INTO EXECUTIVE SESSION PURSUANT TO V.T.C.A. GOVERNMENT CODE SECTION 551.071 - LITIGATION**

EXECUTIVE SESSION AGENDA:

1. LITIGATION - DEWS VS TOWN OF SUNNYVALE

Motion was made by Councilmember Yates to adjourn into executive session. Motion seconded by Councilmember Hill. Motion carried unanimously.

Mayor Byrd adjourned into executive session at 6:00 p.m.

Mayor Byrd reconvened into regular session at 7:05 p.m.

- **RECONVENE INTO OPEN SESSION AND TAKE ANY ACTION NECESSARY AS A RESULT OF THE EXECUTIVE SESSION**

No action taken.

- **ADJOURN**

Mayor Byrd adjourned the meeting at 7:05 p.m.

The undersigned presiding officer certifies that this is a true and correct record of the proceedings.

Mayor David Byrd

ATTEST:

Kathryn Dewey, Town Secretary

A TAPE RECORDING OF THIS MEETING IS ON FILE AT TOWN HALL. THESE MINUTES ARE CONDENSED THEREFROM



**MINUTES
TOWN OF SUNNYVALE
SUNNYVALE TOWN COUNCIL
REGULAR MEETING
JANUARY 24, 2011
7:00 P.M.**

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MAYOR	DAVID BYRD
MAYOR PRO-TEM	KAREN HILL
COUNCILMEMBER	PAULA YATES
COUNCILMEMBER	SAJI GEORGE
COUNCILMEMBER	RONNIE HENDERSON, JR
COUNCILMEMBER	PAT WILEY

• **CALL TOWN COUNCIL MEETING TO ORDER**

Mayor Byrd called the town council meeting to order at 7:05 p.m.

• **INVOCATION**

Councilmember Hill gave the invocation.

• **PLEDGE OF ALLEGIANCE**

The honor guard from Sunnyvale Fire Department posted the colors. Mayor Byrd led the pledge of allegiance.

1. CONSENT AGENDA

(ALL ITEMS ON THE CONSENT AGENDA ARE ROUTINE ITEMS AND MAY BE APPROVED WITH ONE MOTION; SHOULD ANY MEMBER OF THE TOWN COUNCIL OR ANY INDIVIDUAL WISH TO DISCUSS ANY ITEM, SAID ITEM MAY BE REMOVED FROM THE CONSENT AGENDA BY MOTION OF THE TOWN COUNCIL)

A. APPROVAL OF MINUTES - SPECIAL MEETING 12-22-10

B. APPROVAL OF MINUTES - REGULAR MEETING 01-10-11

C. APPROVAL OF MINUTES - SPECIAL MEETING 01-10-11

Motion was made by Councilmember Hill to approve the consent agenda with corrections made to Regular Meeting Minutes from 01-10-11. Motion seconded by Councilmember Yates. Motion carried unanimously.

• **PUBLIC FORUM**

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Public Comments:

- 1) **Chief Joe Plumlee** explained that the honor guard had participated in the meeting to begin their 40th year celebration for the Sunnyvale Fire Department. He gave a list of activities being planned for 2011.

There were no other public comments.

• **DISCUSSION/ACTION ITEMS**

2. CONSIDER RESOLUTION 11-03, RESOLUTION OF THE TOWN OF SUNNYVALE SUSPENDING THE FEBRUARY 14, 2011, EFFECTIVE DATE OF ONCOR ELECTRIC DELIVERY COMPANY'S REQUESTED RATE CHANGE TO PERMIT THE CITY TIME TO STUDY THE REQUEST AND TO ESTABLISH REASONABLE RATES; APPROVING COOPERATION WITH THE STEERING COMMITTEE OF CITIES SERVED BY ONCOR TO HIRE LEGAL AND CONSULTING SERVICES AND TO NEGOTIATE WITH THE COMPANY AND DIRECT ANY NECESSARY LITIGATION AND APPEALS; FINDING THAT THE MEETING AT WHICH THIS RESOLUTION IS PASSED IS OPEN TO THE PUBLIC AS REQUIRED BY LAW; REQUIRING NOTICE OF THIS RESOLUTION TO THE COMPANY AND LEGAL COUNSEL FOR THE STEERING COMMITTEE

Mayor Byrd read item #2 into the record. He explained the resolution being proposed.

Motion was made by Councilmember Hill to approve Resolution 11-03 as presented. Motion seconded by Councilmember Yates. Motion carried unanimously.

3. CONSIDER ORDINANCE NO. 524, AN ORDINANCE OF THE TOWN OF SUNNYVALE ORDERING AN ELECTION TO BE HELD IN SAID TOWN AT THE NEXT REGULAR MUNICIPAL ELECTION DATE ON THE 14TH DAY OF MAY 2011, FOR THE PURPOSE OF ELECTING ONE MAYOR AND TWO COUNCILMEMBERS; DESIGNATING THE PLACE AT WHICH SAID ELECTION IS TO BE HELD, MAKING PROVISIONS FOR THE CONDUCT OF THAT ELECTION AND OTHER PROVISIONS INCIDENT AND RELATING TO THE PURPOSE OF THIS ORDINANCE; PROVIDING A SEVERABILITY CLAUSE; AND PROVIDING AN EFFECTIVE DATE.

Mayor Byrd read Item #3 into the record and explained the ordinance under consideration.

Motion was made by Councilmember Hill to approve Ordinance 524 as presented. Motion seconded by Councilmember Wiley. Motion carried unanimously.

• **PUBLIC HEARING**

OPEN OR CONTINUE PUBLIC HEARING, CONSIDER TESTIMONY AND OTHER INFORMATION PROVIDED, CLOSE PUBLIC HEARING, AND TAKE NECESSARY ACTION WITH RESPECT TO THE FOLLOWING:

4. APPLICATION FOR CONCEPT PLAN

APPLICANT: MICHAEL L. CLARK, P.E.

AT OR ABOUT: SW CORNER OF HWY 80 AND COLLINS RD

REQUEST: SUNNYVALE CENTRE CONCEPT PLAN

Steve Gilbert, Building Official, stated that a concept plan had been received from RKS Texas Investments for a 26 acre retail development center. He said the application had received a favorable recommendation from the Planning and Zoning Commission.

Mike Anderson, representing Sunnyvale Centre, gave a slide presentation of their proposal. He showed a ring road from the service road along Hwy 80 to T. C. Lupton. He explained it would be a private easement for public use that the town would never have to maintain due to the Property Owner's Association being formed. Presentation showed design details, signage and proposals for the corner of Hwy 80 and Collins Road. Construction start date was planned for April 15, 2011 with completion at the same time as the opening of the Hwy 80 Bridge. Discussion followed regarding landscape, road access, sidewalks, street lights and project name.

Mayor Byrd opened the public hearing.

Public Comments:

- 1) **Paul Cash**, 347 E. Tripp Rd, spoke in favor of the project. He said he was convinced in the merits of the project and believed this would be the start for the four corner development.

There were no other public comments. Mayor Byrd closed the public hearing.

Motion was made by Councilmember Hill to approve the application for concept plan for the southwest corner of Hwy 80 and Collins Rd, Sunnyvale Centre. Motion seconded by Councilmember Yates. Motion carried unanimously.

• **ADJOURN**

Mayor Byrd adjourned the meeting at 7:50 p.m.

Minutes
Town Council Meeting
January 24, 2011
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The undersigned presiding officer certifies that this is a true and correct record of the proceedings.

Mayor David Byrd

ATTEST:

Kathryn Dewey, Town Secretary

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ARE CONDENSED THEREFROM



**MINUTES
TOWN OF SUNNYVALE
SUNNYVALE TOWN COUNCIL
SPECIALLY CALLED MEETING
FEBRUARY 7, 2011
7:00 P.M.**

THE TOWN COUNCIL OF THE TOWN OF SUNNYVALE, TEXAS CONDUCTED A SPECIALLY CALLED MEETING ON FEBRUARY 7, 2011 AT 7:00 P.M. IN THE COUNCIL CHAMBERS OF THE SUNNYVALE TOWN HALL LOCATED AT 127 N. COLLINS ROAD, SUNNYVALE, TEXAS UNDER V.T.C.A., GOVERNMENT CODE SECTION 551.041 AND GOVERNMENT CODE SECTION 551.071. THOSE PRESENT WERE:

<p>ABSENT</p>	<p>MAYOR MAYOR PRO-TEM COUNCILMEMBER COUNCILMEMBER COUNCILMEMBER COUNCILMEMBER</p>	<p>DAVID BYRD KAREN HILL PAULA YATES SAJI GEORGE RONNIE HENDERSON, JR PAT WILEY</p>
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- **CALL MEETING TO ORDER**

Mayor Byrd called the meeting to order at 7:02 p.m.

- **CONVENE INTO EXECUTIVE SESSION PURSUANT TO V.T.C.A. GOVERNMENT CODE SECTION 551.071 - LITIGATION**

EXECUTIVE SESSION AGENDA:

1. LITIGATION - DEWS VS TOWN OF SUNNYVALE

Motion was made by Councilmember Yates to adjourn into executive session. Motion seconded by Councilmember Henderson. Motion carried unanimously.

Mayor Byrd adjourned into executive session at 7:02 p.m.

Mayor Byrd reconvened into regular session at 9:10 p.m.

- **RECONVENE INTO OPEN SESSION AND TAKE ANY ACTION NECESSARY AS A RESULT OF THE EXECUTIVE SESSION**

No action taken.

- **ADJOURN**

Mayor Byrd adjourned the meeting at 9:10 p.m.

The undersigned presiding officer certifies that this is a true and correct record of the proceedings.

Mayor David Byrd

ATTEST:

Kathryn Dewey, Town Secretary

A TAPE RECORDING OF THIS MEETING IS ON FILE AT TOWN HALL. THESE MINUTES ARE CONDENSED THEREFROM



AGENDA ITEM SUMMARY

TO: Town Council

FROM: Scott Campbell, Town Manager *SC*

RE: **ITEM 2: Discussion Regarding Designation of US Hwy 80 as a Blue Star Memorial Highway**

DATE: February 10, 2011

This item was discussed at a previous meeting and we would like to discuss the next step associated with this effort before moving forward. Basically we will need authorization from council to contact our state representative. We will discuss this in more detail Monday night.



AGENDA ITEM SUMMARY

TO: Town Council

FROM: Scott Campbell, Town Manager *SC*

RE: **ITEM 3: Discussion Regarding Water CIP Planning and Related Financing**

DATE: February 10, 2011

With the recent acquisition of property for our water tower, we would like to present final cost estimates relative to the pending debt sale. Attached please find the following documents:

- A report from our consultant engineer to include a final breakdown and cost estimate for all components of the water tower project.
- A debt service schedule provided by our financial advisors. Monday night we will also discuss a few scenarios for servicing the annual debt. Those decisions do not have to be made until we adopt the 2012 budget, but we believe the discussion is warranted at this time.
- A memorandum regarding utilization of ground storage and pumps only as opposed to constructing a water tower to meet our demand needs.

The above information does not include any of the 4A projects previously discussed. As indicated in prior communication, the Town is waiting on 4A's final recommendation relative to their CIP plans, and economic development incentives. Those projects will be funded with 4A existing funds, and/or included in the Town's debt sale. However, any debt payment associated with 4A projects will be reimbursed to the Town by 4A via an economic development agreement between both bodies. Again, we will move forward with the required resolution of intent to sell debt upon council's receiving and approving a final 4A recommendation. This will likely require council to rescind their last approval of the 4A projects.

Town of Sunnyvale
1,000,000 Gallon Elevated Tank & Connecting Water Line
Engineer's Estimate of Probable Construction Cost

Summary

2/10/21011

Elevated Tank	\$ 2,310,000.00
Line Work	661,632.00
Total Project Cost	\$ 2,971,632.00

Elevated Tank

Item	Description	No. of Units	Units	Unit Cost	Total Cost
1	1,000,000 Gallon Elevated Tank	1	L.S.	\$ 1,416,000.00	\$ 1,925,000.00
Total Construction Cost					\$ 1,925,000.00
Engineering and Contingencies					385,000.00
Total Project Cost					\$ 2,310,000.00

Line Work Along Town East Blvd. and Polly Road to Elevated Tank

Item	Description	No. of Units	Units	Unit Cost	Total Cost
1	24" Water Line to Elevated Tank	170	L.F.	\$ 100.00	\$ 17,000.00
2	18" Water Line	1,260	L.F.	50.00	63,000.00
3	16" Water Line	6,765	L.F.	40.00	270,600.00
4	18" Water Line by Boring	240	L.F.	200.00	48,000.00
5	16" Water Line by Boring w/ Enc	20	L.F.	500.00	10,000.00
6	18" Gate Valve	2	Ea.	4,500.00	9,000.00
7	16" Gate Valve	7	Ea.	4,000.00	28,000.00
8	Fire Hydrant	16	Ea.	3,000.00	48,000.00
9	Salvage Fire Hydrant	7	Ea.	500.00	3,500.00
10	Connect to Existing Water Line	3	Ea.	1,500.00	4,500.00
11	Long Water Services	14	Ea.	700.00	9,800.00
12	Short Water Services	11	Ea.	300.00	3,300.00
13	Plug & Abandon Existing Water Line	4	Ea.	300.00	1,200.00
14	Trench Safety System	8,025	L.F.	1.00	8,025.00
15	Street Repair	44	S.Y.	100.00	4,400.00
16	Driveway Repair (Asphalt)	14	S.Y.	40.00	560.00
17	Driveway Repair (Gravel)	64	S.Y.	25.00	1,600.00
18	Driveway Repair (Concrete)	53	S.Y.	75.00	3,975.00
19	Revegetate Lawns w/ Sod	1,683	S.Y.	4.00	6,733.33
20	Seeding	3,667	S.Y.	1.00	3,666.67
21	SWPPP	1	Ea.	6,500.00	6,500.00
Total Construction Cost					\$ 551,360.00
Engineering and Contingencies					110,272.00
Total Project Cost					\$ 661,632.00

February 11, 2011

Mr. Scott Campbell
Town Manager
Town of Sunnyvale
127 N Collins Rd
Sunnyvale, TX 75182-9516

Re: Elevated Tank No. 2

Dear Mr. Campbell:

You had asked for a description of the function of elevated tanks in the system, particularly related to the proposed 1.0 million gallon elevated tank that is being considered for funding. The following is a capsule of the considerations that are relevant to elevated tank sizing.

A properly designed and operated water system must be able to meet the following requirements:

1. Regulatory requirements
2. Maximum day demand
3. Peak hour demand
4. Fire flow demand

These requirements are met with systems that have properly sized water lines, pumps, ground storage reservoirs, and elevated storage tanks. In most cases, if the amount of elevated storage is increased, smaller ground storage tanks, water lines, pumping equipment, and standby generators are required.

The Texas Commission on Environmental Quality (TCEQ) sets the bare minimum standards for elevated tank sizing in 30 TAC 290. Their requirement is 100 gallons per connection. Sunnyvale has a little over 2000 connections at present, resulting in a minimum required elevated tank size of 200,000 gallons. The existing elevated tank has a capacity of 300,000 gallons so the minimum requirement has been met.

At ultimate development, Sunnyvale should have about 7,900 connections requiring a minimum elevated tank volume of 790,000 gallons. Even using TCEQ's minimum requirements, an additional elevated tank will be required.

TCEQ's requirements are established for systems that use less water per connection than does Sunnyvale. They have based their standards assuming the maximum day demand is 0.6 gpm per connection and that the peak hour demand is 2.0 gpm per connection. For Sunnyvale, based on historical water use coupled with a projected increase due to drought conditions, the design maximum day demand is 2.2 gpm per connection and the peak hour demand is 3.7 gpm per connection.

TCEQ's minimum standards can be used to establish the minimum elevated tank size but the pumping facilities and water distribution system would need to be designed to provide 3.7 gpm per connection plus a fire demand of about 2,500 gpm. This would require a pump station with a capacity of 12,400 gpm to meet the existing demand and a capacity of 34,000 gpm at build out. The existing pump station can pump 5,200 gpm and is programmed to be expanded to a capacity of 18,000 gpm in the future. In essence, the pump station, as planned, can only meet slightly more than the maximum day demand. Therefore, the peak hour and fire flow demand must be met with a combination of pumping and withdrawal from elevated tanks.

Based on 2010 data for Sunnyvale, the peak hourly demand can be met if the elevated tanks have an available capacity of 100,000 gallons per million gallons per day (MGD) of maximum day demand. This would require an elevated storage volume of 590,000 gallons now and 2,500,000 gallons at full development. The current fire demand is estimated to be 2,500 gpm for two hours or 300,000 gallons. Therefore, the recommended elevated tank size required to meet the combination of peak hourly and fire demands is 890,000 gallons now and 2,800,000 gallons at full development. This is a little more than the capacity shown in the 2007 Capital Improvements Plan (2,800,000 gallons vs. 2,000,000 gallons in the C.I.P.) but the tank sizes may be reduced back to the sizes in the 2007 CIP as the system expands and water demand patterns change.

In summary, the elevated tank capacity for Sunnyvale can be as low as 200,000 gallons now and 790,000 gallons in the future and still meet TCEQ requirements. However, with elevated tankage this small, the size of Riverstone Pump Station would have to be doubled, the generator capacity more than doubled, the size of the ground storage reservoir(s) increased, and the capacity of most of the major water lines in the system would have to be doubled. Though the cost of elevated tank construction would be less using smaller sized tanks, the cost of increasing the capacity of the other system components will more than offset the cost of elevated tank construction.

Hopefully, the above narrative answers the questions that have been raised regarding the need for the new tank. However, if we need to provide more information, please let me know.

Very truly yours,

FREEMAN - MILLICAN, INC.

A handwritten signature in black ink, appearing to read "J. T. Millican", with a long horizontal flourish extending to the right.

J. T. Millican, P.E.

BOND DEBT SERVICE

Town of Sunnyvale, Texas
 Certificates of Obligation
 \$3 million - 20 year - Level Debt Service
 (water tower project)

Period Ending	Principal	Interest	Debt Service
09/30/2012	60,000	167,416.67	227,416.67
09/30/2013	110,000	121,770.00	231,770.00
09/30/2014	110,000	117,260.00	227,260.00
09/30/2015	115,000	112,647.50	227,647.50
09/30/2016	120,000	107,830.00	227,830.00
09/30/2017	125,000	102,807.50	227,807.50
09/30/2018	130,000	97,580.00	227,580.00
09/30/2019	140,000	92,045.00	232,045.00
09/30/2020	145,000	86,202.50	231,202.50
09/30/2021	150,000	80,155.00	230,155.00
09/30/2022	155,000	73,902.50	228,902.50
09/30/2023	160,000	67,445.00	227,445.00
09/30/2024	170,000	60,680.00	230,680.00
09/30/2025	175,000	53,607.50	228,607.50
09/30/2026	185,000	46,227.50	231,227.50
09/30/2027	190,000	38,540.00	228,540.00
09/30/2028	200,000	30,545.00	230,545.00
09/30/2029	205,000	22,242.50	227,242.50
09/30/2030	215,000	13,632.50	228,632.50
09/30/2031	225,000	4,612.50	229,612.50
	3,085,000	1,497,149.17	4,582,149.17

Note: PRELIMINARY, Subject to change

BOND DEBT SERVICE

Town of Sunnyvale, Texas
 Certificates of Obligation
 \$3 million - 20 year - Level Debt Service
 (water tower project)

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Period Ending	Principal	Interest	Debt Service	Annual Debt Service
02/15/2012	60,000	105,404.17	165,404.17	
08/15/2012		62,012.50	62,012.50	
09/30/2012				227,416.67
02/15/2013	110,000	62,012.50	172,012.50	
08/15/2013		59,757.50	59,757.50	
09/30/2013				231,770.00
02/15/2014	110,000	59,757.50	169,757.50	
08/15/2014		57,502.50	57,502.50	
09/30/2014				227,260.00
02/15/2015	115,000	57,502.50	172,502.50	
08/15/2015		55,145.00	55,145.00	
09/30/2015				227,647.50
02/15/2016	120,000	55,145.00	175,145.00	
08/15/2016		52,685.00	52,685.00	
09/30/2016				227,830.00
02/15/2017	125,000	52,685.00	177,685.00	
08/15/2017		50,122.50	50,122.50	
09/30/2017				227,807.50
02/15/2018	130,000	50,122.50	180,122.50	
08/15/2018		47,457.50	47,457.50	
09/30/2018				227,580.00
02/15/2019	140,000	47,457.50	187,457.50	
08/15/2019		44,587.50	44,587.50	
09/30/2019				232,045.00
02/15/2020	145,000	44,587.50	189,587.50	
08/15/2020		41,615.00	41,615.00	
09/30/2020				231,202.50
02/15/2021	150,000	41,615.00	191,615.00	
08/15/2021		38,540.00	38,540.00	
09/30/2021				230,155.00
02/15/2022	155,000	38,540.00	193,540.00	
08/15/2022		35,362.50	35,362.50	
09/30/2022				228,902.50
02/15/2023	160,000	35,362.50	195,362.50	
08/15/2023		32,082.50	32,082.50	
09/30/2023				227,445.00
02/15/2024	170,000	32,082.50	202,082.50	
08/15/2024		28,597.50	28,597.50	
09/30/2024				230,680.00
02/15/2025	175,000	28,597.50	203,597.50	
08/15/2025		25,010.00	25,010.00	
09/30/2025				228,607.50
02/15/2026	185,000	25,010.00	210,010.00	
08/15/2026		21,217.50	21,217.50	
09/30/2026				231,227.50
02/15/2027	190,000	21,217.50	211,217.50	
08/15/2027		17,322.50	17,322.50	
09/30/2027				228,540.00
02/15/2028	200,000	17,322.50	217,322.50	
08/15/2028		13,222.50	13,222.50	
09/30/2028				230,545.00
02/15/2029	205,000	13,222.50	218,222.50	
08/15/2029		9,020.00	9,020.00	
09/30/2029				227,242.50
02/15/2030	215,000	9,020.00	224,020.00	

BOND DEBT SERVICE

Town of Sunnyvale, Texas
 Certificates of Obligation
 \$3 million - 20 year - Level Debt Service
 (water tower project)

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Period Ending	Principal	Interest	Debt Service	Annual Debt Service
08/15/2030		4,612.50	4,612.50	
09/30/2030				228,632.50
02/15/2031	225,000	4,612.50	229,612.50	
09/30/2031				229,612.50
	3,085,000	1,497,149.17	4,582,149.17	4,582,149.17

Note: PRELIMINARY, Subject to change