

CITY COUNCIL MEETING
October 14, 2004, 8:30 a.m.

CITY COUNCIL OF THE CITY OF ABILENE, TEXAS
COUNCIL CHAMBERS, CITY HALL

The City Council of the City of Abilene, Texas, met in Regular Session on October 14, 2004, at 8:30 a.m. in the Council Chambers at 555 Walnut Street. Mayor Archibald was present and presiding with Councilmen Sam Chase, Anthony Williams, John Hill, Stormy Higgins, Kris Southward, and Councilwoman Laura Moore. Also present were City Manager Larry Gilley, City Attorney Sharon Hicks, City Secretary Jo Moore, and various members of the City staff.

Councilman Chase gave the invocation.

Nate Kittley and Blake Kappell 4th grade students from Thomas Elementary led the Pledge of Allegiance. Mr. Hurst, principal of Thomas Elementary was also present.

EMPLOYEE SERVICE AWARDS

Mayor Archibald, assisted by City Secretary Jo Moore, presented Employee Service Awards to the following individuals for their years of service:

25 Years	John F. Blakeney	Fire Captain Fire
25 Years	John B. Faulkner	Welder I Solid Waste Services
25 Years	Joyce A. Vespremi	Librarian I Library
20 Years	David A. Randall, Jr.	Supervisor I Civic Center
20 Years	Richard L. Wills	Treatment Plant Operator III Wastewater Treatment

PROCLAMATION

Mayor Archibald presented a proclamation to Robert Springer of Christian Homes of Abilene recognizing October 18, 2004 as "Hug Days in Abilene".

SAFETY DRIVING AWARD

Mayor Archibald recognized Pompillo Melchor of the Solid Waste Division for his safe driving record of 100,000 miles without an accident.

RECEPTION

At 8:55 a.m., Mayor Archibald announced the Council would recess for a reception being co-hosted by the Center for Contemporary Arts in recognition of the students that have displayed their art in City Hall.

Following the reception, Council reconvened in Regular Session at 9:10 a.m.

DISPOSITION OF MINUTES

2.0 There being no corrections, additions or deletions to the September 23, 2004 Regular Council Meeting Minutes and the September 23, 2004 and September 24, 2004 City Council Retreat Minutes Councilman Chase made a motion to approve the minutes as printed. Councilwoman Moore seconded the motion, and the motion carried.

AYES: Councilmen Chase, Williams, Hill, Higgins, Southward, Councilwoman Moore and Mayor Archibald.

NAYS: None

CONSENT AGENDA

3.0 Councilman Williams made a motion to approve consent agenda items 3.1 through 3.4, item 3.8, and first reading of items 3.5 through 3.7 as recommended by staff. Councilman Higgins seconded the motion, and the motion carried.

AYES: Councilmen Chase, Williams, Hill, Higgins, Southward, Councilwoman Moore, and Mayor Archibald.

NAYS: None

Resolutions:

- 3.1 Oral Resolution approving an interlocal agreement between the City of Abilene and the Abilene MPO Transportation Policy Board for urban transit planning activities funded by the Federal Transit Administration.
- 3.2 Oral Resolution authorizing the City Manager to execute a land lease with the Development Corporation of Abilene, Inc. to consolidate and replace four existing land leases used to provide facilities for Eagle Aviation Services, Inc.
- 3.3 Oral Resolution approving the Development Corporation of Abilene, Inc. annual contract renewal with the City of Abilene for Business Services and a new annual contract with the City of Abilene for the Airport Business Development Management Program, and authorizing the City Manager to execute the contracts.
- 3.4 Resolution approving the 2004-2005 S.T.E.P. Wave Traffic Enforcement Program.

The Resolution is numbered **27-2004** and captioned as follows:

A RESOLUTION OF THE CITY OF ABILENE, TEXAS PROVIDING FOR THE APPROVAL OF AN APPLICATION FOR THE GRANT FUNDS FROM THE STATE

OF TEXAS FOR A SELECTIVE TRAFFIC ENFORCEMENT PROGRAM, "S.T.E.P."
AND AUTHORIZING ACCEPTANCE OF THE GRANT IF AWARDED.

Ordinances:

- 3.5 An Ordinance amending the City of Abilene Municipal Code Chapter 18, "Motor Vehicles and Traffic", Sections 18-196, Parking Not to Obstruct Traffic, Section 18-286, Decreased Speed Limits – School Zones, Section 18-293, Parking Prohibited – At All Times, and Section 18-299, Parking Time Limited.

AN ORDINANCE AMENDING CHAPTER 18, "MOTOR VEHICLES AND TRAFFIC", OF THE ABILENE MUNICIPAL CODE, BY AMENDING CERTAIN SECTIONS AS SET OUT BELOW; PROVIDING A SEVERABILITY CLAUSE; AND DECLARING A PENALTY.

- 3.6 An Ordinance electing for the City of Abilene to make current and prior service contributions to the Texas Municipal Retirement System.

AN ORDINANCE OF THE CITY OF ABILENE AUTHORIZING CHANGES TO BE MADE TO THE CURRENT SERVICE AND PRIOR SERVICE CONTRIBUTIONS TO THE CITY'S ACCOUNT IN THE MUNICIPAL ACCUMULATION FUND OF THE TEXAS MUNICIPAL RETIREMENT SYSTEM AT THE ACTUARIALLY DETERMINED RATE OF TOTAL EMPLOYEE COMPENSATION.

- 3.7 **Z-2704** – Rezone from Shopping Center (SC) to General Commercial (GC), property located at 2465 Buffalo Gap Road; and set a public hearing for October 21, 2004 at 8:30 a.m.

AN ORDINANCE OF THE CITY OF ABILENE, TEXAS, AMENDING CHAPTER 23, SUBPART E, "ZONING", OF THE ABILENE MUNICIPAL CODE, BY CHANGING THE ZONING DISTRICT BOUNDARIES AFFECTING CERTAIN PROPERTIES; CALLING A PUBLIC HEARING; PROVIDING A PENALTY AND AN EFFECTIVE DATE.

Bid Awards:

- 3.8 **Bid #CB-5000** – Vehicles for various divisions. Items 1, 3, and 8 (full-size sedan, patrol sedans, and 8600 GVWR trucks) were awarded to Arrow Ford of Abilene, Texas; items 4, 6, and 7 (mid-size SUV, mid-size passenger van, and utility trucks) were awarded to Lawrence Hall Chevrolet of Abilene, Texas; and items 2, 5, and 9 (sedans, SUV, and half-ton pickup trucks) were awarded to Baby Jack Ford Automotive of Caldwell, Texas; for a total bid award of \$668,567.30.

REGULAR AGENDA

4.1 Tommy O'Brien, Director of Water Utilities noted at the June 12, 2003 City Council Meeting, the Council approved a Professional Services Contract with Alan Plummer Associates, Inc. for both the evaluation of Abilene's water treatment plant facilities and the development of a Master Plan for treatment improvements at two of the City's water treatment plants (the Grimes and Northeast Plants). Mr. O'Brien further noted the Plan has been completed and the Executive Summary as submitted to Council summarizes the results, recommendations and costs set forth in the Master Plan. In general, the Master Plan recommends that the City of Abilene consider spending approximately \$57.3 million over the next 10 to 15 years to provide a water treatment plant capacity of 50 million gallons per day at these two plants. Although no action is to be taken by Council today staff will present at the October 21, 2004 Council meeting for Council consideration and action both the Water Treatment Plant Master Plan and a proposed financial plan for funding of the projects presented in the Master Plan.

Mr. O'Brien then presented to Council the City of Abilene Water Treatment Plant Master Plan and addressed the following key issues identified in the Plan:

- Why do a Master Plan for the Northeast and Grimes Water Treatment Plants.
- Scope of Work – Alan Plummer Associates, Inc.
- Water Treatment Process (Grimes and Northeast WTPs)
- Regulations Address Two Primary Parameters:
 1. Turbidity (clarity of water)
 2. Disinfection
- Grimes Water Treatment Plant Deficiencies
- Northeast Water Treatment Plant Deficiencies
- Process Options Evaluated
 1. Conventional
 2. Membrane
- Relative Process Benefits
- Northeast WTP 25 MGD Upgrade Cost-to-Benefit Ratio
- Grimes WTP 25 MGD Upgrade and Consolidation Cost-to-Benefit Ratio

- Proposed Plan of Action:
 - Northeast WTP – Immediately upgrade to 25 MGD.
 - Grimes WTP – Phase out treatment capabilities at Grimes WTP by increasing capacity at Northeast WTP from 25 to 50 MGD.
 - Grimes High Service Pump Station – Rehabilitate pump station to improve efficiency and reliability of pumps to deliver water into City's distribution system.
- Recommended Plan:
 - Phase 1A - \$7.2 million – Northeast WTP partial upgrade to 25 MGD.
 - Phase 1B - \$8.6 million – Grimes HSPS renovation
 - Phase 2 - \$18.7 million – Northeast WTP expansion to 37.5 MGD.
 - Phase 3 - \$15.6 million – Northeast WTP expansion to 50 MGD in segments as needed.

Note: includes 20% construction contingency
- Implementation Schedule
- Phase 1A Project Description:
 - New rapid mixer – Improve filtered water turbidity.
 - Replace clarifier mechanism/add tube settlers – Increase capacity to 25 MGD and improve filtered water turbidity.
 - Upgrade filters – Increase capacity to 25 MGD and improve filtered water turbidity.
 - Add flow meters and upgrade C10₂ system – Improve disinfection and meet TCEQ concerns.
 - Install backwash basin decanter/pumps/C10₂ – Comply with TCEQ filter backwash and disinfection rules.
 - GWTP new rapid mixer/valves – Improve mixing for short-term improvements of filtered water turbidity.
 - GWTP install chlorine scrubber and vacuum system – Comply with Vulnerability and Risk Management Plans.
- Phase 1B Project Description:
 - New High Service Pump Station – Improve pumping efficiency and reliability.
- Phase 2 Project Description (Northeast WTP 12.5 MGD Expansion):
 - 12.5 MGD membranes – Increase capacity to 37.5 MGD.
 - Convert 1 raw water pipe to finished water – Transfer water to GWTP for pumping into system.
 - Electrical generator for high service pumps – To meet demand during power outage and increase pumping reliability.
 - Recycled treatment and LAS system – TCEQ requirement and comply with Vulnerability Assessment and Risk Management Plan.

- Phase 3 Project Description (Northeast WTP 12.5 MGD Expansion):
 - 12.5 MGD membranes – Increase capacity to 50 MGD.
 - Convert second raw water pipe to finished water – Transfer water to GWTP for pumping into system.
- Treatment Capacity vs. Future Demands

Council, staff and Alan Plummer engineering consultant (Mr. Lee Head) discussion included: 1) current and average water demand per day; 2) peak demand periods and average for past nine years; 3) cost and life span of equipment for various projects and possibility of utilizing portable units; 4) water capacity at, and potential for expansion of the Hargesheimer Plant; 5) Abilene's reliance on Hubbard; 6) relative process benefits and unaddressed process; 7) city staff and outside sources that were involved in evaluation process; 8) Council's concerns that the "Master Plan" is a partial plan, addressing only two of Abilene's treatment plants and that it is a 10 year plan versus a 30 year plan; 9) the master plan for the Hargesheimer Plant; 10) the contract with the Water District that requires the city to develop an Operations Plan; 11) staff noting the need to discuss the phasing in of projects and the phasing in of the financing of the projects; 12) membrane technology versus conventional and related expenses; 13) Council's request for a chart reflecting the upfront construction and maintenance cost over a 20 year period for the expansion of the Grimes and Northeast Plants; 14) expense for excess treatment capacity (upgrading from 30 million gallon a day water usage capacity to 50 million, when 50 million is rarely reached); 15) what's required to treat water to additional capacity; 16) cost to build a new water treatment plant and benefits to having two plants functioning at once; 17) Council noting the city needs to provide good quality water in an adequate quantity, in a dependable fashion and at a fair cost; 18) improvements needed at the Northeast Plant and renovations needed at Grimes; 19) turbidity, water quality issues and requirements for treatment of different water sources; 20) time period of performance data study; 21) how often turbidity test are conducted and the primary turbidity reading being 0.3 NTU; 22) the Council's concerns over not having adequate time to review the proposal prior to staff submitting for consideration at the October 21st Council meeting, and; 23) potential benefits of blending Hubbard water into Lake Ft. Phantom to enhance treatment capabilities.

City Manager Larry Gilley suggested, due to Council's discussion, that the proposal and financing plan not be placed on the October 21 agenda but be held until additional information is provided to Council and any remaining concerns have been addressed.

No Council action was required.

Councilman Southward left the Council meeting prior to Executive Session.

EXECUTIVE SESSION

Mayor Archibald recessed the Council into Executive Session pursuant to Sections 551.071, 551.074, and 551.072 of the Open Meetings Act, to seek the advice of the City Attorney with respect

to pending and contemplated litigation, to consider the appointment and evaluation of public officers, and to consider the purchase, exchange, lease or value of real property.

Councilman Williams left the Council meeting after Executive Session.

REGULAR SESSION

The Council reconvened from Executive Session and reported no action taken.

5.4 Councilman Hill made a motion to approve Mayor Archibald's appointment of Rita Johnston to the Betty Hardwick Center Board of Trustees, term expiring August 2005. Councilman Higgins seconded the motion, and the motion carried.

AYES: Councilmen Chase, Higgins, Hill, Councilwoman Moore, and Mayor Archibald.

NAYS: None

There being no further business, the meeting was adjourned at 11:40 a.m.

Jo Moore
City Secretary

Norm Archibald
Mayor