

**MINUTES OF THE CITY OF LAS VEGAS PRELIMINARY ENGINEERING
REPORT WORKSHOP ON WEDNESDAY, JULY 27, 2011 AT 1:00 P.M. IN
THE CITY COUNCIL CHAMBERS**

MAYOR: Alfonso E. Ortiz, Jr.

COUNCILORS: Andrew Feldman
Tonita Gurule-Giroń
Diane Moore
David L. Romero - **Absent**

ALSO PRESENT: Tim Dodge, City Manager
Casandra Fresquez, City Clerk
Christian Montano, Seargant at Arms

CALL TO ORDER

Mayor Ortiz, Jr. called the meeting to order at 1:15 p.m.

ROLL CALL

City Manager Dodge stated that Councilor Romero called and would not be able to attend and Councilor Gurule-Giroń would be a little late.

PLEDGE OF ALLEGIANCE

MOMENT OF SILENCE

Mayor Ortiz, Jr. asked Mr. Tod Phinney with WH Pacific to say a few word. Mr. Phinney thanked Mayor and Council and appreciated the opportunity to work on the Water System project with the Community and as the City faces many challenges he asked for a moment of silence to ask for guidance from God.

APPROVAL OF AGENDA

City Manager Dodge stated he had no changes to the agenda. Councilor Feldman moved to approve agenda. Councilor Moore seconded the motion. Mayor Ortiz, Jr. asked for roll call vote. Roll Call Vote was taken and reflected the following:

Andrew Feldman Yes Tonita Gurule-Giroń Had not yet arrived

Diane Moore

Yes

David Romero

Absent

City Clerk Fresquez re-read the motion and advised that the motion carried.

INTRODUCTION TO THE PER AND TO THE CONSULTANTS

Utilities Director Ken Garcia thanked the community for the opportunity to present the results of an extensive study of the City's water systems, the current problem and the recommended solution. Utilities Director Garcia advised that the consultants would summarize each presentation and allow discussion for questions and answers for Council after each presentation and at the end of the presentations, the public could comment and ask questions.

Utilities Director Garcia gave a power point presentation covering the following points: The City has huge inherited water problems; there is no single silver bullet to fix them; numerous diverse actions are needed to help; phased plan to address the problems; the Preliminary Engineering Report plan is a roadmap to fund and to execute and the next step is to act vigorously to implement.

Utilities Director Garcia introduced the consulting companies that were giving presentations to include: Souder Miller Associates – Project Coordination, Chudnoff Consulting – Water Rights and Demand, WH Pacific – Surface Water Capture, URS Corporation – Storage Reservoir Dams, Daniel B. Stephens – Groundwater Capture, Molzen Corbin – Trmt/Distribution/Reuse and RBS Capital – Financing Options.

Mr. Kiko Martinez with Souder Miller & Associates gave a presentation of the overall plan as they are responsible for preparing the integrated preliminary engineering report (PER). Mr. Martinez stated that the project started in July of 2010 and two public meetings were held on September 2010 and March 2011. Consultants have prepared technical reports for the raw water supply, storage and conveyance, groundwater, finished water treatment plant, finished water distribution and storage and effluent reuse. Mr. Martinez added that water rights and water demand have also been addressed in the technical reports and the PER; the integrated PER provides the City with a detailed summary of the identified facilities needs, alternatives and recommended projects for the complete water system.

PRESENTATIONS

Mr. Mustafa Chudnoff gave a presentation on the water supply availability and water rights.

Mr. Tod Phinney with WH Pacific gave a power point presentation on raw surface water system recommendations to include: Additional Source Water Development, Surface Water Conveyance System which included pipeline

replacement, Pre sedimentation Basin improvements, etc., Surface Water Storage which includes seepage loss rate study for Bradner and Peterson Reservoirs, Peterson Dam expansion and dam safety improvements and Bradner Dam engineering stability analysis. Priority 2 included: Constructing pump station at pre-sedimentation basin, installing impervious liner in Bradner and Peterson Reservoirs and rehabilitate Bradner Dam. Priority 3 included: Water quality project – supplemental Bradner inlet pipeline and system automation project.

Mr. John Kay with Daniel B. Stephens presented a technical report and recommendation for long term groundwater supply including the following recommendations: pursue funding for Taylor Well Field, pursue access to well sites west of Taylor Well Field, Pursue funding for west of Taylor Wells, continue to evaluate emerging RO technologies and fund if cost effective and pursue funding for east of Taylor Wells.

Mr. Doug Albin with Molzen & Corbin presented a finished water facilities preliminary engineering report including the following components: Surface water treatment Plant, Finished water storage tanks, Water distribution system and Effluent reuse facilities. Molzen & Corbin provided Short term improvements which included the Surface Water Treatment Plant facility improvements – safely meeting drinking water standards and improving taste and odor problems and replacing filter building roofing and stabilize filter building foundation. Also Finished Water Storage to include rehabilitation of Camp Luna and Cabin Site Tank and inspection of Valencia Tank. Distribution System Improvements – Unknown leak detection and repair, identified and known improvements and system configuration improvements. Effluent Reuse Improvements would include Cinder Road/asylum reservoirs.

Molzen & Corbin also provided mid term improvements to include Surface Water Treatment Plant – Operation and maintenance improvements which would improve drainage of west sludge lagoon and add sun roof over liquid alum tank. The Water Distribution System configuration improvements would include Camp Luna loop, East loop Airport Road extension, NM Avenue loop line, North loop, South Loop and zone 2 fire flow improvements.

Mr. Albin concluded his presentation by listing the Long Term Improvements for surface water treatment plant including the expansion of water treatment plant adding clarifier structure and adding additional granular filters. Also included in the long term improvements would be effluent reuse to include McAllister Lake reuse with constructed wetlands, expansion of effluent reuse for blending and storage in Storrie Lake, store/transfer water for use by the Acequias and supplemental storage and treatment facilities to enhance reuse quality.

Mayor Ortiz Jr. entertained a motion for a short recess. Councilor Feldman moved for a ten minute recess. Councilor Gurule-Giroń seconded the motion.

Mayor Ortiz, Jr. asked for roll call vote. Roll Call Vote was taken and reflected the following:

Andrew Feldman	Yes	Tonita Gurule-Giroń	Yes
Diane Moore	Yes	David Romero	Absent

City Clerk Fresquez re-read the motion and advised that the motion carried.

Mayor Ortiz, Jr. called the meeting back into order at 3:30 p.m.

The final presentation was by Paul Cassidy and Erik Harrigan with RBC Capital Markets. Mr. Cassidy and Mr. Harrigan gave a short presentation providing preliminary numbers and stated that the numbers may change as they are very broad assumptions and they will have a better idea once the City has the actual operating costs and look forward to working with city staff and rate consultants on the revenue requirements moving forward.

Utilities Director Garcia advised that there will be an executive summary report prepared and distributed to Council with a target date of August 15, 2011.

Mr. Tod Phinney stated that the plan is to get that executive summary report to council for adoption which will include the recommended projects and the priority projects which are the one to five years which need to be integrated into the City's ICIP and then to finalize the financing plan which includes the rates, bonds, grants, etc. Mr. Phinney concluded by stating that the next step would be then to initiate the City's procurement process to procure the professional engineering services to execute those recommended projects and finally to initiate the environmental review/permitting process.

DISCUSSION ON THE DROUGHT CONTINGENCY

City Manager Dodge recommended to continue the discussion on the drought contingency at the next Council Meeting.

Councilor Feldman moved to continue discussion on the drought contingency at the next Council Meeting. Councilor Gurule-Giroń seconded the motion. Mayor Ortiz, Jr. asked for roll call vote. Roll Call Vote was taken and reflected the following:

Tonita Gurule-Giroń	Yes	Andrew Feldman	Yes
Diane Moore	Yes	David Romero	Absent

City Clerk Fresquez re-read the motion and advised that the motion carried.

PUBLIC COMMENT

Utilities Director Garcia stated he would allow two minutes for each individual to comment starting with each row in the audience.

Mr. Alex Aragon commented that the master plan should be a tool that is followed and implemented, not a dust collector.

Mr. Glenn Yokum commented that he is on the Utilities Committee and this is by far the best attempt to deal with the real problems and progress is being made. Mr. Yokum also stated that he is certain the citizens do not pay enough for water in the City of Las Vegas.

Mr. Abe Estrada stated that he would like to see about twenty five users where he lives be given the opportunity to utilize the effluent re-use line in lieu of pumping water out of Storrie Lake. Mr. Estrada also stated the water shed area needs thinning and car washes are wasting a lot of water.

Ms. Sara Moore spoke on conserving water and taking care of the environment, and keeping our water clean and pure as all Americans deserve such.

Mr. Bruce McAllister stated that he is excited about the plan; however he would like to see the approval of such projects to move forward and would like to see a block rate for water.

Mr. Russ Jackson commented that he would like to see a projection on the expected growth of the City per year which would define where we go with the water projects.

Ms. Judith Kilpatrick commented that she sees people's homes being watered with well water and wonders if anything can be done as that water also comes out of the aquifer.

City Manager Dodge pointed out that any additional comments should be submitted to the City within the next five days.

Councilor Feldman stated for the record, he is impressed with the information that has been provided and he certainly wants to see the community prosper and be sustainable and added that the City needs to diversify the water supply whether it be pipelining or groundwater; the bottom line is we need more water.

City Manger Dodge stated that when you look at a comprehensive plan, it talks about various elements and it talks about those elements in general whereas the PER is a very detailed report which is technical into the specifics in almost every aspect of the water delivery system which is a component of the comprehensive plan.

Mayor Ortiz, Jr. thanked everyone for attending the workshop including the consultants who have worked very hard in preparing the detailed reports.

ADJOURN

Councilor Feldman moved to adjourn. Councilor Gurule-Giron seconded the motion. Mayor Ortiz, Jr. asked for roll call vote. Roll Call Vote was taken and reflected the following:

Diane Moore	Yes	Andrew Feldman	Yes
Tonita Gurule-Giron	Yes	David Romero	Absent

City Clerk Fresquez re-read the motion and advised that the motion carried.

Council Meeting adjourned at 5:00 p.m.



Mayor Alfonso E. Ortiz, Jr.

ATTEST:



Casandra Fresquez, City Clerk