

AGENDA
SPECIAL MEETING
OF THE BOARD OF DIRECTORS OF THE
LEUCADIA WASTEWATER DISTRICT
Wednesday, June 16, 2009 – 9:00 a.m.
1960 La Costa Avenue, Carlsbad, CA 92009

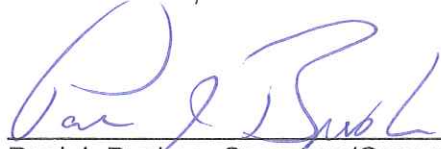
*NOTE: ITEMS ON THE AGENDA MAY BE TAKEN OUT OF SEQUENTIAL ORDER
AS THEIR PRIORITY IS DETERMINED BY THE BOARD OF DIRECTORS*

1. **Call to Order**
2. **Roll Call**
3. **Pledge of Allegiance**
4. **Approval of Agenda**
In the case of an emergency, items may be added to the Agenda by a majority vote of the Board of Directors. Also, items that arise after posting of the Agenda may be added, per Government Code Section 54954.2, by a 2/3 or unanimous vote of the Board.
5. **Public Comment**
Anyone wishing to address the Board or bring an agenda item forward may do so.
6. **Old Business**
None.
7. **New Business**
 - A. Groundwater Feasibility Study Results. (Page 1)
 - B. Status of LWD's Water Recycling Program. (Pages 2-3)
8. **Information Items**
None.
9. **Comments, Questions or Requests by Directors**
This item is placed on the agenda to allow individual Board members to briefly convey information to the Board or public, or to request staff to place a matter on a future agenda and/or report back on any matter. There is no discussion or action taken on comments by Board members.
10. **General Manager's Report**
Informational report by the General Manager on items not requiring Board action.
11. **Adjournment**

AFFADAVIT OF POSTING

I, Paul J. Bushee, Secretary of the Leucadia Wastewater District, hereby certify that I posted a copy of the foregoing agenda in the lobby of the District office at 1960 La Costa Avenue, Carlsbad California at least 72 hours prior to the meeting, in accordance with Govt. Code Section 54954.2(a).


Date: June 9, 2010



Paul J. Bushee, Secretary/General Manager

MEMORANDUM

Ref: 10-2512

DATE: June 9, 2010
TO: Board of Directors
FROM: Paul J. Bushee, General Manager 
SUBJECT: Results of the Groundwater Feasibility Study

RECOMMENDATION:

Staff recommends that the Board of Directors:

1. This item is presented for information purposes.

DISCUSSION:

During strategic planning, the Board of Directors expressed a desire to have staff investigate the use of groundwater as a source for reclaimed water. Subsequently, Staff included conducting a Groundwater Feasibility Study (GFS) in the Fiscal Year 2010 Tactical Goals. In January 2010, the Board authorized an agreement with Dexter Wilson Engineering, Inc. (DWE) to conduct the GFS to investigate groundwater sources at the District site and within the northeastern portions of the District's service area. The following is a summary of the study's Scope of Work:

- Provide an overall description of the available groundwater resources.
- Identify and describe potential water rights, pumping rights, and other related jurisdictional requirements.
- Identify environmental issues and compliance documentation, permitting, or regulatory issues that may be required.
- Identify general water quality, salinity levels, and other quality-related concerns.
- Identify any potential treatment necessary to facilitate the potable or non-potable use of the identified water resources.
- Identify available capacity from the identified groundwater sources.
- Prepare concept-level cost opinions associated with defined project implementation.
- Prepare the final Groundwater Feasibility Analysis Report.

DWE and Peterson Environmental Services, hydrogeologic subcontractor, completed the GFS report on April 28, 2010. The study found that groundwater from the District's Site and the northeastern portion of its service area is not favorable for beneficial use. The two primary reasons are the lack of significant volume of groundwater and the high salt content in the groundwater that is available. A brief executive summary has been attached for your review. A copy of the Groundwater Feasibility Analysis is available upon request. Andrew Owen and Dexter Wilson will attend the meeting to present the results of the GFS.

Attachment
rjm:PJB

EXECUTIVE SUMMARY

The primary purpose of the Groundwater Feasibility Analysis was to ensure that any potential groundwater resources available to the Leucadia Wastewater District were identified, characterized, and evaluated for their possibility of treatment and beneficial use to supplement potable domestic uses or irrigation uses.

The findings of the study are not favorable to cost-effective beneficial use of groundwater from District property. The two primary reasons discovered are the lack of significant volume of groundwater and the high salt content of what little groundwater is available to the District.

The data gathering and analyses performed indicate that there is no significant groundwater volume on the District Headquarters property. In addition, the investigations show that the existence of groundwater in other areas of the District is constrained by lack of property ownership, lack of means of collecting and distributing the water, and lack of certainty of a secure long-term supply.

Therefore, it is this report's conclusion and recommendation that no further efforts be expended on considering groundwater beneficial use on the District Headquarters site and in any areas within the District's service area boundary.

MEMORANDUM

Ref: 10-2513

DATE: June 9, 2010
TO: Board of Directors
FROM: Paul J. Bushee, General Manager 
SUBJECT: Status of Leucadia Wastewater District's Water Recycling Program

RECOMMENDATION:

1. This item is presented for information purposes.

DISCUSSION:

Conducting a Board Workshop on LWD's Water Recycling Program was included as a goal on the Fiscal Year 2010 Tactics and Action Plan.

As you know, LWD staff has been attempting to extend our water recycling agreement with Carlsbad for the past several years. Over this period, staff has had sporadic meetings with Carlsbad staff with limited results.

Last summer, staff was contacted by the Olivenhain Municipal Water District regarding the possibility of wholesaling recycling water to it in the North Green Valley area off of El Camino Real. LWD staff subsequently met joint with Olivenhain and Carlsbad staff to further discuss optimizing the use of recycled water amongst the three agencies.

This effort morphed into a discussion amongst several North County water and wastewater agencies regarding the optimization of recycled water in the region. This group is somewhat informal but is known as the North County Water Recycling Group. The North County Group is in the process of retaining an engineering firm to evaluate the best ways to link recycled water supply with end users. The goal of this effort is to develop a study that can be used to apply for state and federal grant monies.

Staff plans to present an overview of this effort as well as the status of the Recycled Water Program at the upcoming meeting.

PJB