CITY OF LOS ANGELES
CALIFORNIA

HOLLY L. WOLCOTT
Interim City Clerk

When making inquiries relative to this matter, please refer to the Council File No.

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April 30, 2014

To All Interested Parties:

The City Council adopted the action(s), as attached, under Council File No. 13-0952, at its meeting held April 29, 2014.

City Clerk
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File No. 13-0952

ENERGY AND ENVIRONMENT COMMITTEE REPORT relative to local water supplies, San Fernando Valley Basin groundwater remediation, and development of the Stormwater Capture Master Plan.

Recommendation for Council action:

NOTE and FILE the August 21, 2013 Los Angeles Department of Water and Power (LADWP) report relative to local water supplies, San Fernando Valley Basin groundwater remediation, and development of the Stormwater Capture Master Plan.

Fiscal Impact Statement: Not applicable.

Community Impact Statement: None submitted.

Summary:

On April 2, 2014, your Committee considered an August 21, 2013 LADWP report relative to local water supplies, San Fernando Valley Basin groundwater remediation, and development of the Stormwater Capture Master Plan. According to the LADWP, on July 30, 2013, Council introduced a Motion (Huizar - Fuentes - Koretz) requesting the LADWP to report on the progress of:

a. Accelerating local water supply development

b. Remediation of the San Fernando Basin (SFB)

c. Development of the Stormwater Capture Master Plan

In response, the LADWP prepared its August 21, 2013 report, attached to the Council file.

For local water development, the LADWP stated that on October 4, 2012, the Board of Water and Power Commissioners (Board) adopted the Board Resolution "LADWP Guiding Principles for the Development and Implementation of the Local Water Supply Program" which called for LADWP to generate a plan to accelerate local water supply development and remediate contamination in SFB. As a result of this Board Resolution, the LADWP began developing the initiative entitled LA's Water Reliability 2025. The LADWP is currently finalizing the first draft report of LA's Water Reliability 2025. Preliminary findings show that LADWP can potentially meet its 2010 Urban Water Management Plan (UWMP) goals for local water resource development approximately 10 years early by accelerating plans to implement specific stormwater capture, water conservation, and recycled water projects and programs. LA's Water Reliability 2025 includes a significant acceleration in the Recycled Water Program's Groundwater Replenishment Project by achieving 30,000 AFY of groundwater recharge in SFB with recycled water by 2023. This equates to an acceleration of 12 years when compared to the 2010 UWMP goal of achieving 30,000 AFY of groundwater recharge with recycled water by 2035.

Next, the LADWP discussed remediation of the SFB, stating that in 2009, the LADWP initiated a 6-year, $24 million comprehensive analysis by independent experts that will provide recommendations and assistance in developing short and long term projects, including the design and construction of

the Groundwater Remediation Facilities. As part of GSIS, LADWP is in the process of drilling approximately 26 new groundwater monitoring wells to obtain supplemental water quality data necessary to fully map and monitor the extent of the contamination. This information will then be used to plan the Groundwater Remediation Facilities in SFB. The drilling of the new monitoring wells was initiated in April 2012, and is anticipated to be completed by January 2014. Given the extent of groundwater contamination and the increasing regulatory and environmental restrictions on imported water from both the Los Angeles Aqueduct and the State Water Project, a viable alternative resource is cleanup of the City's local groundwater supplies.

Based on GSIS, LADWP has embarked on an ambitious capital intensive plan to cleanup groundwater in SFB. This project will provide environmental benefits, meet safe drinking water regulations, and prevent further loss of this important groundwater resource, which will be of growing importance to Los Angeles as imported water supplies come under increased pressure. The draft conceptual plan includes construction and operation of centralized and localized remediation facilities in the vicinity of LADWP's North Hollywood, Rinaldi- Toluca, and Tujunga Wellfields.

Future treatment facilities may treat up to 123,000 acre-feet of contaminated groundwater per year from the San Fernando Groundwater Basin. The LADWP is planning to have these facilities in-place and operational by 2021-22, subject to securing the necessary funding and approvals. These proposed facilities will facilitate restoration of Los Angeles' historic groundwater pumping capacity from the San Fernando Groundwater Basin, and provide a reliable local source of high-quality water to Los Angeles' residents and businesses well into the future.

Finally, the LADWP gave an overview of the Stormwater Capture Master Plan. In May 2013, the LADWP hired Geosyntec Consultants to assist the LADWP in developing the City's Stormwater Capture Master Plan (Master Plan) which will be used to guide decision makers in the City when making decisions affecting how the City plans to implement both centralized and decentralized stormwater capture strategies. The Master Plan will include a number of tasks and objectives including:

a. Evaluate Existing Stormwater Capture Facilities and Projects.

b. Quantify the Maximum Stormwater Capture Potential.

c. Provide Potential Strategies to Increase Stormwater Capture.

d. Recommend Stormwater Capture Projects, Programs, Policies, and Incentives Currently, the project team is in the process of developing a customized outreach approach for the Master Plan.

Public outreach will be an integral part of the Master Plan development process. Public outreach will include the involvement of key technical personnel, regional stakeholders, general public and the media. Work to-date has included data collection, existing conditions analysis, and evaluation of various hydrologic models to determine which is most suitable for the Master Plan's goals. The Master Plan development began on July 5, 2013, and is scheduled for completion in July 2015. The estimated cost of the Master Plan is $828,068. The LADWP has applied for grant funding of up to 50 percent of this cost from the Metropolitan Water District of Southern California.

After further consideration and having provided an opportunity for public comment, the Committee

moved to note and file the August 21, 2014 LADWP report. This matter is now submitted to Council for its consideration.

Respectfully Submitted,

ENERGY AND ENVIRONMENT COMMITTEE

MEMBER	VOTE
FUENTES:	
BLUMENFIELD:	
LABONGE:	
HUIZAR:	
KORETZ:	

ADOPTED
APR 29 2014
LOS ANGELES CITY COUNCIL

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4/2/14

-NOT OFFICIAL UNTIL COUNCIL ACTS-