



AGENDA REPORT

Meeting Date: January 21, 2014

Item Number: D-11

To: Honorable Mayor & City Council

From: Mark Cuneo, City Engineer

Subject: PERMIT APPLICATION FOR GROUNDWATER AND GAS SAMPLING IN EXISTING MONITORING WELLS ASSOCIATED WITH THE WESTSIDE SUBWAY EXTENSION

Attachments: 1. Monitoring Well Locations

RECOMMENDATION

Staff recommends the City Council authorize staff to issue necessary permits to AMEC Environment & Infrastructure, Inc., for groundwater and gas sampling in three existing monitoring wells on Wilshire Boulevard associated with the Westside Subway Extension Project.

INTRODUCTION

The work to be authorized by the permit includes temporary traffic control and use of the public right-of-way for groundwater and gas sampling from existing monitoring wells. The work will require closing one travel lane on both eastbound and westbound Wilshire Boulevard between Stanley Drive and San Vicente Boulevard. Lane closures will occur in only one direction at a time. Traffic control and all work on Wilshire Boulevard will be limited to Monday – Friday from 10 AM to 3 PM and Sunday from 8 AM to 6 PM. The duration of work is anticipated to be three working days. If authorized, staff will issue all permits upon the payment of associated permit fees.

DISCUSSION

AMEC Environment & Infrastructure, Inc., on behalf of Metro, submitted a permit application for the use of the public right-of-way to obtain groundwater level information and gas samples from three existing monitoring wells between 8383 and 8566 Wilshire Boulevard.

The existing monitoring wells were permitted and installed in June 2009 and June 2012. The scope of the field monitoring requested by this permit includes measuring groundwater levels and gas pressures, and gathering gas vapor samples. The gas vapor samples obtained from the wells will be analyzed for concentrations of methane and hydrogen sulfide. The sampling results/data will be provided to prospective Design-Build Contractors as background information on sub-surface conditions to assist in the planning/design for construction of the La Cienega Station.

The locations of the three monitoring wells to be sampled are shown on Attachment 1. In order to obtain samples, lane closures will be required for a short duration at each of the three well locations. Only one direction of traffic will be impacted by lane closures at a time. The entire scope of work, including traffic control set-up, water and gas sampling and traffic control removal is anticipated to take less than three hours at each location. It is anticipated that one location can be completed per day and a total of three days is necessary to complete all work under this permit.

Work under this permit will require the closure of the left turn lane and one travel lane. Staff recommends that work be allowed during off-peak traffic hours only and limited to the days/hours designated below. A minimum of two travel lanes both eastbound and westbound on Wilshire Boulevard will remain opened at all times. On-street parking on Wilshire Boulevard in the work area will be restricted in order to maintain two lanes of traffic in each direction.

Staff has reviewed the permit application for potential impacts to traffic, parking and infrastructure. Staff has conditionally approved the permit application, pending review by the City Council. The conditions for approval of the permit include:

- Traffic control and all work on Wilshire Boulevard will be limited to Monday – Friday from 10 AM to 3 PM and Sunday from 8 AM to 6 PM.
- Two travel lanes in each direction will be maintained at all times.
- Prior notifications of the work to adjacent residents and business owners and posting of “No Parking” signs 72 hours prior to work activity.

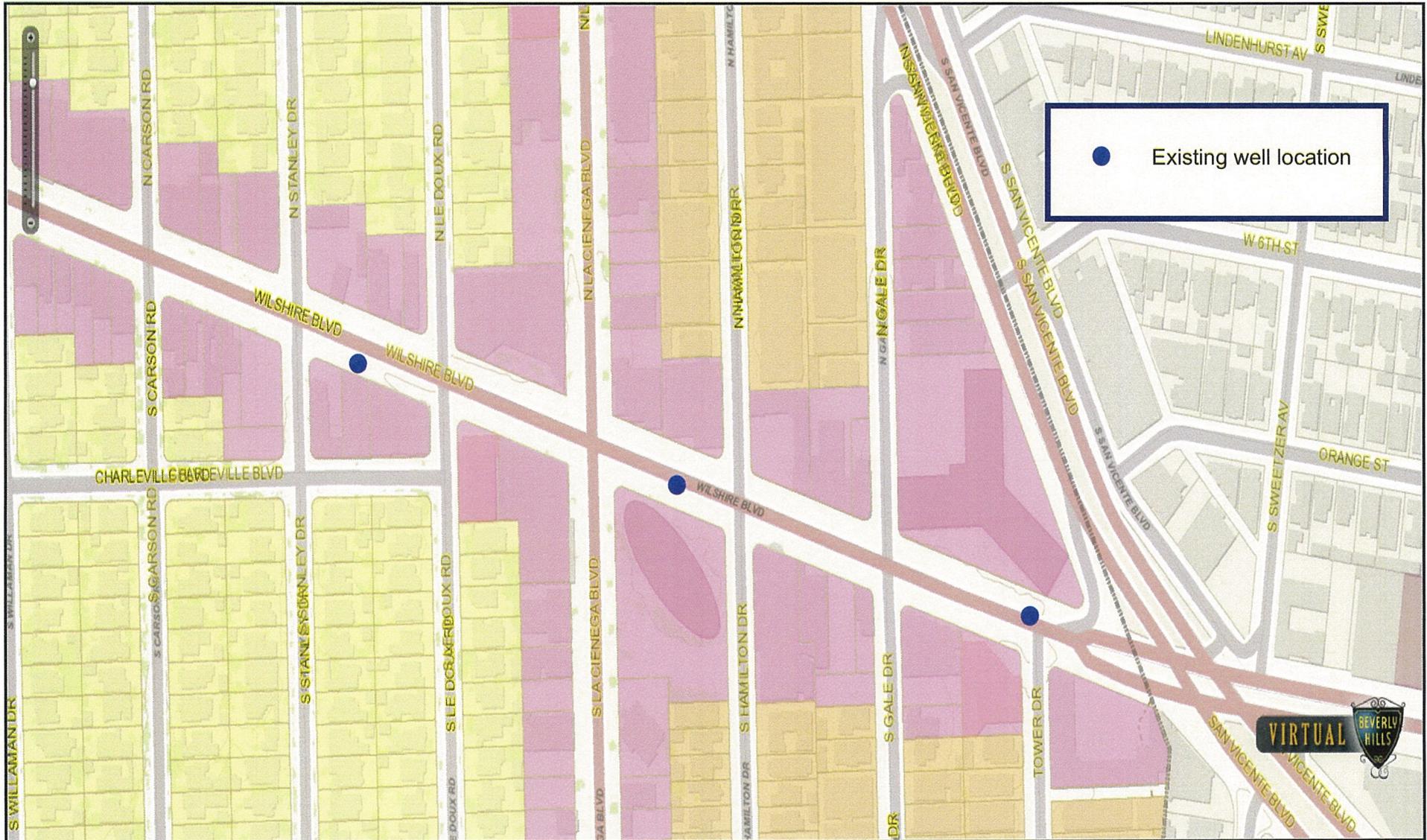
If authorized, staff will issue all necessary permits upon the payment of all associated permit fees.

FISCAL IMPACT

The estimated fees associated with this permit, including staff time for plan review and inspection, are \$3,000.

David E. Lightner *DLE*
Approved By

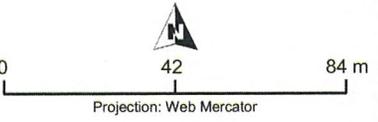
Attachment 1



● Existing well location



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Author:

Date: 13 January 2014

Attachment 1 Monitoring Well Locations