



CITY OF BEVERLY HILLS

PUBLIC WORKS SERVICES DEPARTMENT

MEMORANDUM

TO: PUBLIC WORKS COMMISSION

FROM: Trish Rhay, Assistant Director of Public Works, Infrastructure & Field Operations
Mark Cuneo, City Engineer
Vince Damasse, Water Resources Manager
Josette Descalzo, Environmental Programs & Sustainability Manager
David Hillyer, Water Quality Specialist

DATE: April 18, 2016

SUBJECT: GENERAL INFORMATION AND DEPARTMENT UPDATES

ATTACHMENTS: 1. City Council Items Tracking

This report transmits information regarding upcoming items for the City Council meeting, as well as answers to questions that have been raised at previous Public Works Commission meetings.

Question: What will be done to use the water that will be produced during the pump testing of the two shallow groundwater wells on Foothill Boulevard?

Answer: The tank currently located at Cabrillo Reservoir will be relocated to Foothill Boulevard while the project to re-line Cabrillo Reservoir, to make that reservoir usable as a long-term storage facility, is underway. The tank will store water that is extracted during the testing process, and this water will then be used for street sweeping, sidewalk cleaning, and power washing of parking facilities. It is also important to note that even during testing, water will not be pumped continuously – the pumps will be pumping only when the City needs to obtain water samples and will not pumping at any other time.

Question: What is the conveyance plan for the water produced at the two shallow groundwater wells on Foothill Boulevard?

Answer: The City will be able to move forward with the conveyance plan for the water produced at the two shallow groundwater wells on Foothill Boulevard after it receives notification from the Department of Drinking Water (DDW) about the type of treatment that will be required for the water. The City will then be able to efficiently move forward and develop the appropriate conveyance plan.

Question: Is staff aware of the additional spring water that is flowing through the City and how could this water be used?

Answer: Yes, staff is aware of the additional spring water. Staff visited the site with members of the Public Works Commission following the March meeting. This water is the result of de-watering being done by residential properties in the area that is then discharged to the curb and

gutter and into the storm drain system. There are several issues that would make this water extremely difficult to use:

1. Because of its distance from the Cabrillo Reservoir site, it would be problematic to develop a conveyance system to transport the water to that location.
2. In order to use this water in the public right-of-way (and not on private property), it would need to be captured after being discharged and prior to entering the storm drain system. There would also be water quality and treatment concerns because it would co-mingle with urban runoff, which would degrade the water quality for irrigation use.

Question: What is the City's reduction in Tier 1 water from the Metropolitan Water District of Southern California (MWD)?

Answer: MWD calculated the City's Tier 1 allocation based on a number of factors, including the amount of water purchased from MWD in fiscal years 2012-2013 and 2013-2014, the amount of local groundwater produced in those two Fiscal Years, projected population increase during those two fiscal years, and the City's dependence on MWD for its water purchases. Based on these factors, the City's allocation of water in Tier 1 was 9,643 acre feet (AF), which is approximately 15% less than the average sum of both MWD water purchases and local groundwater production during Fiscal Years 2012-2013 and 2013-2014.

Question: How does the fact that the Water Treatment Plant is down impact the City's Tier 1 allocation reduction from MWD?

Answer: As Dr. Wunderlich, Board Member for the Metropolitan Water District of Southern California (MWD), noted at the March meeting, the City should work with MWD staff to ensure that its allocation reflects the fact that it was producing and treating water at the Water Treatment Plant in 2013 but is not doing so at this time, and has not been during the current fiscal year. As a result of the Dr. Wunderlich's support and the City's conversations with MWD, the City has received an increased allocation of water that can be purchased from MWD at the lower Tier 1 rates.

Question: How can the City recycle the brine that will be produced at the Water Treatment Plant?

Answer: Black and Veatch had previously done a study that looked at the potential to recycle brine that was produced at the Water Treatment Plant during the treatment process. Technology at the Water Treatment Plant is not well-enough developed yet to do this. However, as the Plant comes back online and increases its treatment capacity over the next several months, this opportunity will be re-evaluated.

Question: Is the water being pumped and stored at Cabrillo Reservoir incorporated into the City's monthly report to the State Water Resources Control Board?

Answer: At this time, this water is not being incorporated into the City's monthly report to the State Water Resources Control Board (SWRCB). The volume of water being drawn from here is relatively insignificant compared to the City's actual water consumption. However, as the use increases, the City will re-evaluate whether and how it is incorporated.

Question: What is the City's record on lead levels in water? How can lead get into the water system, specifically the main pipes?

Answer: The City does not have any lead main lines in its system. The City discontinued the use of lead pipes and lead materials in its water system to comply with the state and federal regulations. The City and MWD has taken many steps for years to prevent lead from leaching into our drinking water by monitoring several constituents such as pH, alkalinity and

aggressiveness index to measure the corrosiveness of water in our system. Water quality results indicate that our water is not corrosive which will reduce the potential of lead leaching off from the water customer's plumbing fixtures. In addition, the City has been in compliance with the Federal Lead and Copper Rule since 2006. The Lead and Copper Rule measures lead concentration in selected residents that meet the sampling criteria per regulation. Those residents that have elevated levels of lead exceeding the federal action level (AL) for lead have been advised to replace the galvanized or lead pipes in their homes. Staff has also advised affected residents to flush their faucet for at least 1 minute to prevent the consumption of lead as a result of stagnant water in their faucet or lines. The City has also been under the action level for all lead testing done in the City. These tests are done every three years to comply with Environmental Protection Agency (EPA) requirements based on highest risk locations.

The City's Consumer Confidence Reports since 2006 are posted online via the City's website at <http://www.beverlyhills.org/living/utilities/waterservices/consumerconfidencereports/>. Each of these reports shows that the City has not exceeded the lead action level set by the EPA.

CITY COUNCIL ITEMS TRACKING

The following items from the Public Works Services (PWS) and Capital Assets Departments are currently agendized for the most-recent City Council meetings, as well as the upcoming meetings. If there are any changes to these items, staff will provide an update at the April 18, 2016, Public Works Commission meeting.

April 5, 2016	
Formal Session	
Consent Calendar	<p>APPROVAL OF AN AGREEMENT WITH AQUA METROLOGY SYSTEMS (“AMS”) FOR INSTALLATION AND SERVICE OF A CONTINUOUS WATER MONITORING SYSTEM AT THE CITY WATER TREATMENT PLANT; AND APPROVAL OF A PURCHASE ORDER FOR A NOT-TO-EXCEED AMOUNT OF \$65,000</p> <p><i>Action: Approved Agreement with AMS; and approved a purchase order for a not-to-exceed amount of \$65,000</i></p> <p>A PROFESSIONAL SERVICES AGREEMENT WITH MICHAEL BAKER INTERNATIONAL FOR PRELIMINARY DESIGN REPORT FOR THE WELL, WATER TREATMENT AND TRANSMISSION MAIN PROJECT; AND APPROVAL OF A PURCHASE ORDER TO MICHAEL BAKER INTERNATIONAL, INC. FOR A NOT-TO-EXCEED AMOUNT OF \$768,000</p> <p><i>Action: Approved Agreement with Michael Baker International; and approved a purchase order for a not-to-exceed amount of \$768,000</i></p> <p>AUTHORIZE THE CITY MANAGER TO EXECUTE AN AGREEMENT WITH QUARTIC WEST TECHNOLOGIES FOR PREVENTATIVE MAINTENANCE AND CALIBRATION SERVICES OF INSTRUMENTS AT WATER TREATMENT PLANT AND CITY RESERVOIRS; AND AUTHORIZE THE CITY MANAGER TO APPROVE A PURCHASE ORDER IN THE NOT-TO-EXCEED AMOUNT OF \$82,292.00 TO QUARTIC WEST TECHNOLOGIES FOR THESE SERVICES</p> <p><i>Action: Authorized the City Manager to execute the agreement with Quartic West Technologies; and authorized the City Manager to approve a purchase order in the not-to-exceed amount of \$82,292.00</i></p> <p>THREE AS-NEEDED GENERAL CONSTRUCTION AGREEMENTS RELATING TO THE MAINTENANCE OF CITY FACILITIES:</p> <ol style="list-style-type: none"> 1. AN AGREEMENT WITH BBS CONSTRUCTION, INC. FOR AS-NEEDED GENERAL CONSTRUCTION SERVICES RELATING TO THE MAINTENANCE OF CITY FACILITIES; 2. AN AGREEMENT WITH KORADE & ASSOCIATE BUILDERS, INC. DBA COMMERCIAL WEST FOR AS-NEEDED GENERAL CONSTRUCTION SERVICES RELATING TO THE MAINTENANCE OF CITY FACILITIES; 3. AN AGREEMENT WITH KRB CONSTRUCTION FOR AS-NEEDED GENERAL CONSTRUCTION SERVICES RELATING TO THE MAINTENANCE OF CITY FACILITIES <p><i>Action: Approved agreements with BBS Construction, Inc., Korade Associate Builders, Inc. DBA Commercial West, and KRB Construction</i></p> <p>AWARD OF A CONTRACT TO THE LOWEST RESPONSIBLE BIDDER, DOMINGUEZ GENERAL ENGINEERING, INC. FOR THE ZONE 9 INTERTIE AND PRESSURE REDUCING STATION WITHIN THE CITY OF BEVERLY HILLS, CALIFORNIA, IN THE AMOUNT OF \$345,000; APPROVAL OF THE PLANS AND SPECIFICATIONS THEREFOR; AND APPROVAL OF ISSUANCE OF A PURCHASE ORDER IN THE AMOUNT OF \$400,000 TO DOMINGUEZ GENERAL ENGINEERING, INC. FOR THE PROJECT</p> <p><i>Action: Approved contract with Dominguez General Engineering and the plans and specifications therefore; and approved issuance of a purchase order in the amount of \$400,000</i></p> <p>PURCHASE ORDER TO TORAY MEMBRANCE, U.S.A, INC. TO SUPPLY REVERSE OSMOSIS MEMBRANES FOR THE CITY’S WATER TREATMENT</p>

CITY COUNCIL ITEMS TRACKING

	<p>PLANT FOR A NOT-TO-EXCEED AMOUNT OF \$84,420.22</p> <p><i>Action: Approved purchase order with Toray Membrane U.S.A., Inc. in an amount not-to-exceed \$84,420.22</i></p>
	<p>A PURCHASE ORDER TO DOWNTOWN FORD FOR A TOTAL NOT-TO-EXCEED AMOUNT OF \$196,995.11 FOR THE PURCHASE OF TWO (2) FORD PUBLIC WORKS SERVICES VEHICLES</p> <p><i>Action: Waived the bidding requirements and approved the purchase order with Downtown Ford in the not-to-exceed amount of \$196,995.11</i></p>
<p>April 19, 2016</p>	
<p>Study Session</p>	
<p>A Item</p>	<p>CONSERVATION PROGRAM AND POLICY UPDATE</p>
<p>Formal Session</p>	
<p>Consent Calendar</p>	<p>MODIFYING THE PENALTY SURCHARGE FOR WATER USAGE IN EXCESS OF THE PROVISIONS OF THE STAGE D WATER CONSERVATION REQUIREMENTS</p>
	<p>CONSENT TO SUBLEASE BY AND BETWEEN THE CITY OF BEVERLY HILLS, THE W. MCDEVITT COMPANY, INC. AND NIGEL BURGESS, INC. FOR OFFICE SPACE IN THE 9400 SANTA MONICA BOULEVARD BUILDING</p>
	<p>PERMIT APPLICATION FOR THE DEMOLITION OF PARCELS W-2301 (8471-8485 WILSHIRE BLVD), W-2302 (14 N. LA CIENEGA BLVD), AND W-2307 (8421 WILSHIRE BLVD) FOR FUTURE CONSTRUCTION AND LAYDOWN LOCATIONS FOR SECTION 1 OF THE WESTSIDE SUBWAY EXTENSION PROJECT</p>
	<p>ACCEPTANCE OF THE CONTRACT FOR THE INSTALLATION OF CONNECTOR PIPE SCREENS FOR THE CITY OF BEVERLY HILLS CATCH BASINS TO COMPLY WITH THE BALLONA CREEK TRASH TOTAL MAXIMUM DAILY LOAD (TMDL) BY UNITED STORM WATER INC. IN THE FINAL AMOUNT OF \$468,991, AND AUTHORIZATION OF CITY CLERK TO RECORD NOTICE OF COMPLETION</p>
	<p>REQUEST APPROPRIATION OF ADDITIONAL FUNDING TO COMPLETE THE CONSTRUCTION CONTRACT WITH CANYON SPRINGS ENTERPRISES DBA RSH CONSTRUCTION SERVICES FOR THE PROJECT "REVERSE OSMOSIS (R.O) WATER TREATMENT PLANT REHABILITATION" (JOB #10102); AND APPROPRIATION OF \$200,000 FROM THE WATER FUND</p>
	<p>THE AWARD OF A CONTRACT TO XXX FOR THE SOIL REMEDIATION FOR THE DOG PARK PROJECT AND APPROVING PLANS & SPECS THEREFOR, AND APPROVAL OF A PURCHASE ORDER IN THE AMOUNT OF \$XXX TO XXX FOR THE CONTRACT WORK</p>
	<p>ACCEPTANCE OF THE CONTRACT FOR THE CONSTRUCTION OF GATEWAYS AND STREETScape LOCATED AT OLYMPIC BOULEVARD AT SPALDING DR. AND SAN VICENTE BLVD. AT WILSHIRE BLVD. PROEJCT BY ICON WEST, INC. IN THE FINAL AMOUNT OF \$1,640,023.15 AND AUTHORIZATION BY CITY CLERK TO RECORD NOTICE OF COMPLETION</p>
	<p>ACCEPTANCE OF THE CONTRACT WORK FOR THE CONSTRUCTION OF FY 14/15 SIDEWALK, CURB AND GUTTER, AND DRIVEWAY APPROACH REPAIRS PROJECT BY C.S. LEGACY CONSTRUCTION, INC. IN THE FINAL AMOUNT OF \$1,125,770.13 AND AUTHORIZATION OF CITY CLERK TO RECORD A NOTICE OF COMPLETION</p>
	<p>APPROVE ACCEPTANCE OF BID PROPOSAL FROM LDV, INC. TO PROVIDE ONE TRUCK, MOBILE COMMAND CENTER, AND</p>

CITY COUNCIL ITEMS TRACKING

	APPROVE A PURCHASE ORDER IN THE NOT-TO-EXCEED AMOUNT OF \$904,038.11 TO LDV, INC. FOR THE PURCHASE OF 1 TRUCK, MOBILE COMMAND CENTER
	APPROVAL OF A CHANGE PURCHASE ORDER TO HARRINGTON PLASTICS FOR \$25,000, FOR A TOTAL NOT-TO-EXCEED AMOUNT OF \$84,500 FOR MATERIALS FOR THE WATER TREATMENT PLANT
May 3, 2016	
Study Session	
C Item	TAXICAB FRANCHISE UPDATE
Formal Session	
Consent Calendar	APPROVAL OF AN AGREEMENT BETWEEN THE CITY OF BEVERLY HILLS AND DATA SPECIALTIES, INC. FOR ON-CALL AND AS-NEEDED UNLIMITED POWER SUPPLY (UPS) SYSTEM MAINTENANCE AT VARIOUS CITY FACILITIES IN THE AMOUNT OF \$200,000
	AGREEMENT WITH MACRO AUTOMATICS CORPORATION FOR INSTALLATION AND PROGRAMMING OF CONTROL PANELS AT VARIOUS RESERVOIRS; AND APPROVAL OF A PURCHASE ORDER WITH MACRO AUTOMATICS FOR AN AMOUNT NOT-TO-EXCEED \$78,105
	AGREEMENT WITH XX TO COMPLETE A COMPREHENSIVE OPERATIONAL, ORGANIZATIONAL, AND FINANCIAL AUDIT OF THE WATER SYSTEM; AND APPROVAL OF PURCHASE ORDER IN THE NOT-TO-EXCEED AMOUNT OF \$X* *Vendor and contract amount to be determined.
	AGREEMENT WITH XX FOR ELEVATOR MAINTENANCE SERVICES FOR ALL CITY ELEVATORS AND LIFTS LOCATED THROUGHOUT THE CITY IN THE NOT-TO-EXCEED AMOUNT OF \$XX* *Vendor and contract amount to be determined.
	AWARDING A CONTRACT TO THE LOWEST RESPONSIBLE BIDDER, TRAVIS AGRICULTURAL CONSTRUCTION, INC. FOR INSTALLATION OF A CONTAINMENT LINER SYSTEM AT RESERVOIR 3B COLDWATER CANYON DRIVE AND CABRILLO DRIVE IN THE AMOUNT OF \$456,797 AND APPROVING PLAN AND SPECIFICATIONS THEREFOR; AND APPROVE A PURCHASE ORDER TO TRAVIS AGRICULTURAL CONSTRUCTION, INC. IN THE AMOUNT OF \$456,797
Public Hearing	ORDINANCE AMENDING THE BEVERLY HILLS MUNICIPAL CODE TO ESTABLISH A WATER SUPPLY EXACTION FEE; AND RESOLUTION OF THE COUNCIL OF THE CITY OF BEVERLY HILLS AMENDING THE COMPREHENSIVE SCHEDULE OF TAXES, FEES, & CHARGES TO ESTABLISH A WATER SUPPLY EXACTION FEE