



CITY OF BEVERLY HILLS
PUBLIC WORKS DEPARTMENT
MEMORANDUM

TO: PUBLIC WORKS COMMISSION

FROM: Trish Rhay, Assistant Director of Public Works
Vince Damasse, Water Resources Manager *VP*
Josette Descalzo, Environmental Compliance & Sustainability *JD*
Manager

DATE: December 15, 2016

SUBJECT: SPECIFIC INFORMATION AND DEPARTMENT UPDATES

ATTACHMENTS:

1. City Council Items Tracking
2. Public Works Department Master Plans Update
3. Public Works Commission Ad-Hoc-Sub-Committees

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.

Questions

Question: How much of the money negotiated in the Development Agreement for 9900 Wilshire Boulevard Development Agreement will come to the Water Fund?

Answer: Based on similarly sized development projects, it is estimated that this project would generate approximately \$2.4M in water related capacity, supply and connection fees.

Question: Can the water being captured at the Cabrillo Reservoir be provided or sold to other users?

Answer: While water is no longer being captured at the Cabrillo Reservoir site, staff is using water from the Maple Yard wells.

Staff responded to a similar question in the Public Works Commission packets in June 2016 and August 2016.

Staff will need to get approval from the Los Angeles County Department of Public Health in order to allow the public to use this water. There are a number of processes that will need to be completed before the public can use the water and staff is working with the Los Angeles County Department of Public Health to complete all of these requirements. These efforts will be included as part of the overall development of the Reservoir and Distribution System. At this time, the City continues to use Cabrillo water for street cleaning, power washing of parking structures, sewer cleaning and other municipal uses, and this will continue until the conveyance system is built for long-term permanent landscape irrigation uses (July 14, 2016 PWC Packet; Item 10, Question 3).

Question: Why is the Cabrillo Reservoir project being completed in the timeline and chronology that it is?

Answer: This project has evolved over time from simply capturing and reusing a source of shallow groundwater for City municipal purposes to expanding the capacity for municipal reuse, to now ultimately maximizing the use of this water source via landscape irrigation.

As the project was developing along that thought process, it was determined that a high-density polyethylene liner would allow the City the ability to expand the capturing and storage of the available water source using an abandoned asset without having to structurally retrofit the reservoir. However, as the project continued to evolve into the new goal of maximizing this water source by expanding its uses to landscape irrigation, a pipeline would then be required to convey and deliver this water to its end-use locations.

As this thought process continued to develop, City staff wanted to make sure the structural integrity of the reservoir is sufficient to support its intended use, especially if the City plans to maximize the full storage capacity of 1-million gallons. City staff then commissioned a preliminary structural assessment to determine the safe water storage level with the liner being in place and options to retrofit the reservoir should the City desires to maximize its storage capacity. The preliminary structural assessment indicated that the liner project could still be moving forward and that structural retrofit could be done externally. Following this preliminary structural assessment, the City then awarded the contract to install the liner with the thought that a more thorough study could follow as part of the design work for the pipeline.

Because the reservoir was originally constructed in 1918, staff wanted to ensure that a more thorough structural assessment take place, especially if the ultimate goal is to maximize storage for irrigation use. Staff then issued an RFP to solicit Engineering firms to design the non-potable pipeline including the development of a City-wide non-potable water distribution system master plan. The winning proposal was a \$689,645 to provide the full design scope including the development of City-wide non-potable water distribution system master plan.

Instead of awarding the full scope and cost of \$689,645 for design, Staff met with the selected consultant and identified critical tasks that needed to be developed ahead of time to establish design criteria, therefore, staff recommended awarding an initial contract of \$230,604 (including \$20,964 in contingency) for a more in-depth technical engineering assessment. Engineering assessment will provide clearer focus to better define project scope, evaluate existing site conditions and structural deficiencies, and validate design criteria prior to performing complete design and planning for project construction. If the results are favorable, the remaining contract could be awarded to complete the design.

As it stands, the liner is currently in construction and is anticipated to complete by March 2017. Concurrently, the engineering assessment will be commissioned and completed by May 2017. With the results of the engineering assessment, staff will report back to the commission in May-June 2017 on the recommended engineering improvements the City will need to meet its desired goal of maximizing storage for landscape irrigation uses.

Question: How much money is the Water Enterprise Fund losing each month that the City does not address its water rates?

Answer: The Administrative Services Director/Chief Financial Officer is expected to attend the January 2017 Public Works Commission Meeting to provide an overview of the financial status of the Water Fund.

Question: How can the City work with the Los Angeles Department of Water & Power (LADWP) to obtain more land for wells?

Answer: The City continues to work with LADWP on this item. Staff will provide a broader update on the Department's land needs at the January 2017 Commission Meeting.

ATTACHMENT 1

CITY COUNCIL ITEMS TRACKING

The following items from the Public Works Department (PW) are currently agendized for the most-recent City Council meetings, as well as upcoming meetings. If there are any changes to these items, staff will provide an update at the December 15, 2016, Public Works Commission meeting. Please note that all items for future Council agendas are subject to change.

November 15, 2016	
Formal Session	
Consent Calendar	<p>AMENDMENT NO. 1 TO THE AGREEMENT WITH STEGEMAN AND KASTNER, INC. FOR DEVELOPMENT, PROJECT, AND CONSTRUCTION MANAGEMENT SERVICES RELATED TO THE CITY-WIDE ENERGY PERFORMANCE UPGRADES PROJECT.</p> <p><i>Approved amendment.</i></p>
Public Hearing	<p>AN ORDINANCE OF THE CITY OF BEVERLY HILLS AMENDING THE BEVERLY HILLS MUNICIPAL CODE TO ESTABLISH A WATER SUPPLY FEE. First Reading – For Introduction; AND RESOLUTION OF THE COUNCIL OF THE CITY OF BEVERLY HILLS AMENDING THE COMPREHENSIVE SCHEDULE OF TAXES, FEES & CHARGES TO ESTABLISH A WATER SUPPLY FEE.</p> <p><i>Hearing was conducted, and resolution was adopted.</i></p>
December 6, 2016	
Formal Session	
Consent Calendar	<p>AMENDING THE BEVERLY HILLS MUNICIPAL CODE TO ESTABLISH A WATER SUPPLY FEE. SECOND READING – FOR ADOPTION.</p> <p><i>Adopted.</i></p> <p>AGREEMENT WITH MICHAEL BAKER INTERNATIONAL, INC. TO PROVIDE ENGINEERING ASSESSMENT FOR THE NON-POTABLE WATER DISTRIBUTION SYSTEM AT CABRILLO RESERVOIR; AND APPROVAL OF A PURCHASE ORDER IN THE AMOUNT OF \$230,604 TO MICHAEL BAKER INTERNATIONAL, INC.</p> <p><i>Approved agreement and corresponding purchase order.</i></p> <p>THE AWARD OF A CONTRACT TO THE LOWEST RESPONSIBLE BIDDER, BBS CONSTRUCTION, INC., FOR LA CIENEGA PARK COMMUNITY CENTER DRYWALL REPLACEMENT - BID# 16-33; AND APPROVAL OF PLANS AND SPECIFICATIONS THEREFOR; AND APPROVAL OF A PURCHASE ORDER TO BBS CONSTRUCTION, INC. IN THE AMOUNT NOT TO EXCEED \$71,225.00 FOR THE CONTRACT WORK.</p> <p><i>Awarded contract, approved plans and specifications, and approved corresponding purchase order.</i></p>
Public Hearing	<p>RESOLUTION OF THE COUNCIL OF THE CITY OF BEVERLY HILLS MAKING EXPRESS FINDINGS AND DETERMINATIONS THAT MODIFICATIONS TO THE CALIFORNIA BUILDING STANDARDS CODE AND FIRE CODE ARE REASONABLY NECESSARY BECAUSE OF LOCAL CLIMATIC, GEOLOGICAL OR TOPOGRAPHICAL CONDITIONS; AN ORDINANCE OF THE CITY OF BEVERLY HILLS ADOPTING AN ADMINISTRATIVE CODE AND ABATEMENT OF DANGEROUS BUILDINGS CODE, AND ADOPTING BY REFERENCE THE 2016 CALIFORNIA BUILDING CODE; THE 2016 CALIFORNIA RESIDENTIAL CODE; THE 2016 CALIFORNIA ELECTRICAL CODE; THE 2016 CALIFORNIA MECHANICAL CODE; THE 2016 CALIFORNIA PLUMBING CODE; THE 2016 CALIFORNIA ENERGY CODE; THE 2016 CALIFORNIA FIRE CODE; THE 2016 CALIFORNIA GREEN BUILDING STANDARDS CODE; THE 2016 CALIFORNIA HISTORICAL BUILDING CODE; THE 2016 CALIFORNIA REFERENCED STANDARDS CODE; THE INTERNATIONAL PROPERTY MAINTENANCE CODE, 2015</p>

CITY COUNCIL ITEMS TRACKING

	<p>EDITION; INCLUDING CERTAIN AMENDMENTS, ADDITIONS, AND DELETIONS, AND AMENDING TITLE 9 OF THE BEVERLY HILLS MUNICIPAL CODE. First Reading - For Introduction; AND AN URGENCY ORDINANCE OF THE CITY OF BEVERLY HILLS ADOPTING AN ADMINISTRATIVE CODE AND ABATEMENT OF DANGEROUS BUILDINGS CODE, AND ADOPTING BY REFERENCE THE 2016 CALIFORNIA BUILDING CODE; THE 2016 CALIFORNIA RESIDENTIAL CODE; THE 2016 CALIFORNIA ELECTRICAL CODE; THE 2016 CALIFORNIA MECHANICAL CODE; THE 2016 CALIFORNIA PLUMBING CODE; THE 2016 CALIFORNIA ENERGY CODE; THE 2016 CALIFORNIA FIRE CODE; THE 2016 CALIFORNIA GREEN BUILDING STANDARDS CODE; THE 2016 CALIFORNIA HISTORICAL BUILDING CODE; THE 2016 CALIFORNIA REFERENCED STANDARDS CODE; THE INTERNATIONAL PROPERTY MAINTENANCE CODE, 2015 EDITION; INCLUDING CERTAIN AMENDMENTS, ADDITIONS, AND DELETIONS, AND AMENDING TITLE 9 OF THE BEVERLY HILLS MUNICIPAL CODE; AND DECLARING THE URGENCY THEREOF.</p> <p><i>The code amendment to require a separate landscape water meter for landscapes greater than 500 square feet and for any new application for a water meter will be included as a part of this item, as well as requirements for sidewalk and driveway replacement at the end of construction projects to ensure that the pedestrian right-of-way is repaired at the completion of the project.</i></p>
<p>December 20, 2016</p>	
<p>Study Session</p>	
<p>A Item</p>	<p>MANAGEMENT STUDY OF THE WATER SUPPLY AND DISTRIBUTION PROGRAM</p>
<p>C Item</p>	<p>COMMUNITY CHOICE AGGREGATION</p>
	<p>NORTH SANTA MONICA BOULEVARD RECONSTRUCTION SIGNAGE</p>
<p>Formal Session</p>	
<p>Consent Calendar</p>	<p>APPROPRIATION OF \$40,500 FOR THE PURCHASE OF A VEHICLE RELATED TO THE PUBLIC WORKS UTILITY LOCATOR POSITION</p>
	<p>AMENDMENT NO. 10 TO AN AGREEMENT BETWEEN THE CITY OF BEVERLY HILLS AND LANDCARE, USA, LLC (FORMERLY TRUGREEN LANDCARE LLC) FOR LANDSCAPE MAINTENANCE SERVICES; AND APPROVAL OF A CORRESPONDING PURCHASE ORDER IN THE NOT-TO-EXCEED AMOUNT OF \$456,953 FOR THESE SERVICES.</p>
	<p>AMENDMENT NO. 1 TO AN AGREEMENT BETWEEN THE CITY OF BEVERLY HILLS AND LINDMARK ENGINEERING INC. FOR ARSENIC EVALUATION AND EVALUATION AND ENVIRONMENTAL SERVICES RELATED TO THE NORTH SANTA MONICA BOULEVARD RECONSTRUCTION PROJECT; AND APPROVAL OF A CORRESPONDING CHANGE PURCHASE ORDER TO LINDMARK ENGINEERING, INC. IN THE NOT-TO-EXCEED AMOUNT OF \$83,000; AND AUTHORIZATION OF THE CITY MANAGER TO EXECUTE AMENDMENT NO. 1 TO AN AGREEMENT BETWEEN THE CITY OF BEVERLY HILLS AND PARKING CONCEPTS, INC. FOR THE RECONFIGURATION AND OPERATION OF CERTAIN PARKING FACILITIES RELATED TO THE SANTA MONICA BOULEVARD RECONSTRUCTION PROJECT; AND APPROVAL OF A CORRESPONDING CHANGE PURCHASE ORDER IN THE NOT-TO-EXCEED AMOUNT OF \$1,089,000.00.</p>
<p>Continued & New</p>	<p>PERMIT APPLICATION FOR THE USE OF THE PUBLIC RIGHT-</p>

CITY COUNCIL ITEMS TRACKING

Business	OF-WAY TO PERFORM PRE-PILING TO INSTALL WORK TRAFFIC CONTROL AND POTHOLING FOR FUTURE PILING OPERATIONS, AND INSTALLATION OF GEOTECHNICAL MONITORING INSTRUMENTATION FOR THE LA CIENEGA STATION OF THE WESTSIDE SUBWAY EXTENSION PROJECT.
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ATTACHMENT 2

**Public Works
Department Master Plans
Updated 12/1/16**

Topic Area	Plan	Purpose	Type	Approving Agency	Frequency Updated	Last Adopted	Next Update (Anticipated)	Notes
Water	Water Master Plan	Identifies and assesses existing and future water infrastructure, maintenance, and Capital Improvement Project water needs	Best Practice	n/a	Every 5 Years (best practice)	2002	2017	Staff will soon begin the development of an updated hydraulic model and, subsequently, the Water Master Plan will be updated.
Water	Groundwater Sustainability Plan - Central Basin	Manages and regulates the groundwater in the Hollywood Basin to ensure the long-term sustainability of the Basin. New requirement under the 2014 Sustainable Groundwater Management Act (SGMA). Requires all local public agencies utilizing the Hollywood Basin to coordinate to develop the Plan.	Regulatory	Department of Water Resources	Every 5 years (following initial adoption of Groundwater Sustainable Plan (GSP))	n/a (new regulatory requirement)	2017	Groundwater Sustainable Agency (GSA) developed by June 30, 2017; Alternative GSA developed and submitted by January 1, 2017. GSPs completed by 2020/2022 to be updated every 5 years
Water	Urban Water Management Plan	Support long-term resource planning to ensure that adequate water supplies are available to meeting existing and future water demands.	Regulatory	Department of Water Resources	Every 5 Years ending in "0" or "5"	2010	2020	2015 UWMP was approved by the City Council on June 21, 2016, and was submitted to the State by June 30, 2016, as required by State law.
Water	Water Enterprise Plan	Identifies the City's ten-year strategy related to the City's water supply and identify the portfolio of actions/projects needed to meet this goal.	Council Directed	n/a	As needed	2015	n/a	Unscheduled at this time
Wastewater	Sanitary Sewer Management Plan	Describes activities the City uses to manage the wastewater collection system, including maintaining/improving the condition of the collection system infrastructure, providing adequate sewer capacity, and minimizing the number and impact of sanitary sewer overflows that occur. Must be adopted to comply with the Statewide General Waste Discharge Requirements for Sanitary Sewer Systems.	Regulatory	State Water Resources Control Board	Every 5 Years	2012	2017	Staff anticipates that work will begin on this project in the coming months.
Wastewater	Wastewater Master Plan/ Sewer Master Plan	Provides infrastructure assessment, assesses flow capacity, sewer integrity and creates schedule for wastewater/sewer mains replacement.	Best Practice	n/a	n/a	2010	n/a	Unscheduled at this time
Stormwater	Enhanced Watershed Management Program (EWMP) Plan	Describes activities to implement requirements of the MS4 Permit on a watershed scale through customized strategies control measures, and best management practices (BMPs). Prescribes compliance strategy for the Ballona Creek Watershed Management Group and Beverly Hills to comply with the MS4 Permit.	Regulatory	Los Angeles Regional Water Quality Control Board	Upon direction from the Los Angeles Regional Water Quality Control Board	Anticipated 2016 (Under review by LARWQCB)	anticipated 2021 (Upon direction from LARWQCB)	Plan updates will be based upon the adaptive management process. The Ballona Creek Watershed Management Group (BC-WMG) will update the plan based upon the effectiveness of control measures and BMPs.
Stormwater	Coordinated Integrated Monitoring Plan (CIMP)	The process for collecting data to meet the goals and requirements of the Monitoring and Reporting Program (MRP) as part of the MS4 Permit. The CIMP provides information on sample collection and analysis methodologies. The CIMP is comprised of five required elements including: 1) Receiving Water Monitoring 2) Stormwater Outfall Monitoring 3) Non-stormwater (NSW) Outfall Monitoring 4) New Development/Redevelopment Effectiveness Tracking 5) Regional Studies and 6) Trash and Plastic Pellets Monitoring.	Regulatory	Los Angeles Regional Water Quality Control Board	Upon direction from the Los Angeles Regional Water Quality Control Board	Anticipated 2016 (Under review by LARWQCB)	anticipated 2021 (Upon direction from LARWQCB)	The Ballona Creek Watershed Management Group (BC-WMG) can update the CIMP based upon the adaptive management process allowed by the MS4 permit. Changes in the plan will be dependent on data results, necessity to implement enhanced monitoring frequency, and changes to monitoring locations. Changes to the CIMP can be done annually if necessary.
Stormwater	Storm Drain System Master Plan	Assessment of capacity and condition of storm drain lines and catch basins in the City and management of infrastructure and storm drains.	Best Practice	n/a	n/a	1999	n/a	Not a priority at this time because the storm drain system has not changed significantly since the Plan was last adopted.
Sustainability	Beverly Hills Sustainable City Plan	Provides tool kit for City to use in part or in whole to address sustainability issues.	City Council Direction	n/a	n/a	2009	2017	Workplan item for FY 2016-17
Solid Waste	Zero Waste Plan	Identifies zero waste goals for the City and outlines a course and programs to help the City meet that goal.	Best Practice/City Council Direction	n/a	n/a	Never been completed	n/a	Project on hold pending release of Solid Waste Franchise RFP
Streets	Pavement Management Plan	Helps the City to plan, budget, fund, design, construct, monitor, evaluate, maintain and rehabilitate the pavement network to provide the maximum benefits from the available funds. A pavement management plan/program provides a set of tools or methods that provide the optimum strategies for providing and maintaining pavements over a given time period.	Regulatory	LA County Metropolitan Transportation Authority	Every 3 years	2014	2016	Staff scheduling meeting with the Street & Sidewalk Improvements Ad Hoc Committee in the near future to review the Pavement Management Plan.

ATTACHMENT 3

Public Works Commission Ad-Hoc Subcommittee Assignments

Sidewalk Repair & Pavement Planning	Ad Hoc	Commissioner Pressman Vice-Chair Wolfe
Water Conservation & Education	Ad Hoc	Chair Aronberg Vice-Chair Wolfe
Solid Waste Franchise	Ad Hoc	TBD Commissioner Shalowitz
Burton Way Green Streets	Ad Hoc	*To be named as Project nears
2017-18 Budget	Ad Hoc	Sitting Chair Sitting Vice-Chair
Beverly Gardens Park Project	Ad Hoc	Commissioner Shalowitz Commissioner Pressman
LED	Ad Hoc	Commissioner Shalowitz Commissioner Felsenthal
FIBER IT Technology Committee	Ad Hoc	Vice-Chair Wolfe
Water Enterprise Plan	Ad Hoc	Commissioner Pressman Vice-Chair Wolfe
Water Supply & Distribution Management Study	Ad Hoc	Commissioner Shalowitz Commissioner Pressman

Updated: December 2016