

**PALMDALE RECYCLED WATER AUTHORITY (PRWA)
CITY OF PALMDALE
CITY HALL COUNCIL CHAMBERS
38300 SIERRA HIGHWAY, SUITE B
PALMDALE, CALIFORNIA
REGULAR MEETING AGENDA NO. 8
SEPTEMBER 18, 2013
7:00 P.M.**

www.cityofpalmdale.org
www.palmdalewater.org.

WELCOME

NOTE: Materials related to an item on this Agenda submitted to the Palmdale Recycled Water Authority Board of Directors, or after distribution of the agenda packet, are available for public inspection at the City of Palmdale City Hall, located at 38300 Sierra Highway, Suite A, Palmdale, California, and at the Palmdale Water District, 2029 East Avenue Q, Palmdale, California during normal business hours and will also be available at the meeting. Those items provided by others at the meeting will be available at City Hall during normal business hours.

A **three-minute time limit** will be imposed on all speakers other than staff members.

In accordance with the Americans with Disabilities Act of 1990, if you require a disability-related modification or accommodation to attend or participate in this meeting, including auxiliary aids or services, please call the Palmdale Water District at least 48 hours prior to the meeting.

Your courtesy is requested to help our meeting run smoothly. If you'll be kind enough to follow these simple rules, we can make the best possible use of your time and ours:

- Please refrain from public displays or outbursts such as unsolicited applause, comments, cheering, foul language, or obscenities.
- Any disruptive activities that substantially interfere with the ability of the Board of Directors to carry out its meeting will not be permitted and offenders will be requested to leave the meeting.
- Please turn off cell phones and pagers.

1. CALL TO ORDER.

2. **ROLL CALL: DIRECTORS JAMES C. LEDFORD, JR., GORDON DEXTER, LAURA BETTENCOURT, KATHRYN MAC LAREN, AND HELEN GONZALEZ**

3. **PLEDGE OF ALLEGIANCE.**

4. **WAIVER OF FULL READING OF RESOLUTION(S).**

Motion: Move to waive full reading of the Resolution(s) to be considered and voted on at this meeting. (**Vote by Roll Call** - Requires a majority to waive.)

5. **CONSENT CALENDAR – PUBLIC COMMENTS ONLY:** If you wish to comment on any item(s) listed on the Consent Calendar on this agenda, please come forward to the podium and state the item number(s) and your comments. **PLEASE NOTE: A three-minute time limit** will be imposed on each speaker other than staff members.

6. **CONSENT CALENDAR:**

NOTICE: All matters listed under the Consent Calendar will be enacted by one motion unless an item(s) is pulled by the Board, in which case the item(s) will be removed from the Calendar and will be considered separately following this portion of the Agenda.

6.1 Adopt Resolution No. PRWA 2013-015, a Resolution of the Palmdale Recycled Water Authority supporting the Palmdale Hybrid Power Plant Project. (Staff Reference: Assistant Executive Director Mischel)

6.2 Approve the Minutes from the previous meeting held on August 31, 2013. (Staff Reference: Secretary Smith)

6.3 Approve receipt and filing of the Treasurer's Report for the month ended August 31, 2013. (Staff Reference: Treasurer/Auditor St. John)

Staff Recommendation: Move to approve the recommendations and findings on all items listed under this Consent Calendar. (**Vote by Roll Call** - Requires a majority to approve.)

7. SPECIAL REPORTS:

7.1 Report on impact of the Palmdale Hybrid Power Plant Contribution on completing the Antelope Valley Recycled Water project and Palmdale Recycled Water Authority. (Staff Reference: Executive Director LaMoreaux)

7.2 Report on next phase of Recycled Water Facilities. (Staff Reference: Assistant Executive Director Mischel)

8. PUBLIC COMMENTS: This portion of the Agenda allows an individual the opportunity to address the Board of Directors on any subject regarding Palmdale Recycled Water Authority business. Under state legislation, no action can be taken on items not specifically referenced on the Agenda. **PLEASE NOTE: A three-minute time limit** will be imposed on each speaker other than staff members.

9. INFORMATIONAL REPORT OF THE BOARD OF DIRECTORS, EXECUTIVE DIRECTOR, AND ASSISTANT EXECUTIVE DIRECTOR.

10. ADJOURNMENT to _____, 2013 at 7:00 p.m. at the Palmdale Water District Board Room located at 2029 East Avenue Q, Palmdale, California.

Complete packets can be viewed at City Hall, located at 38300 Sierra Highway, Suite A, Palmdale, California; Palmdale Water District, 2029 East Avenue Q, Palmdale, California, and the Main Library, located at 700 East Palmdale Boulevard, Palmdale, California. You can also view the Agenda for the Palmdale Recycled Water Authority on the City's website at www.cityofpalmdale.org or the Palmdale Water District website at www.palmdalewater.org.

Thank you for attending your Palmdale Recycled Water Authority meeting. If you have any further questions, please contact the Secretary's Office at (661) 267-5151, Monday through Thursday, 7:30 a.m. to 6:00 p.m., closed every Friday.

PALMDALE RECYCLED WATER AUTHORITY

BOARD MEMORANDUM

DATE: September 11, 2013 **September 18, 2013**
TO: BOARD OF DIRECTORS **Board Meeting**
FROM: Mr. Michael J. Mischel, Assistant Executive Director, PRWA
VIA: Mr. Dennis LaMoreaux, Executive Director, PRWA

RE: ***AGENDA ITEM NO. 6.1 – CONSIDERATION AND POSSIBLE ACTION ON
RESOLUTION NO. PRWA 2013-015 SUPPORTING THE PALMDALE HYBRID
POWER PLANT PROJECT***

Recommendation:

Palmdale Recycled Water Authority (PRWA) staff recommends approval of Resolution No. PRWA 2013-015 supporting the Palmdale Hybrid Power Plant Project.

Background:

The City of Palmdale has been working on the Palmdale Hybrid Power Plant Project (PHPP) since 2006. In August 2011, after more than three years of intense study and scrutiny, the California Energy Commission (CEC) adopted the Presiding Member's Proposed Decision to approve the PHPP. That was followed in November 2011 by the Environmental Protection Agency's (EPA) issuance of their permit to the City of Palmdale, for the construction and operation of the project.

In addition to the multiple benefits this project will bring to the Antelope Valley, the project will pay for the construction of a large portion of the Antelope Valley Recycled Water Project backbone at a cost of approximately \$20 million which will benefit the entire region. The PHPP will construct approximately 1,800 feet of 36-inch water line at the Palmdale Water Reclamation Plant that will supply the pump station that will feed the PHPP and the PRWA's future pump station for its entire service area. The PHPP will also provide the grading and site preparation for the PRWA's pump station. The recycled water backbone that the PHPP will install will also provide redundancy between the Lancaster Water Reclamation Plant and the Palmdale Water Reclamation Plant, hence providing the PRWA with additional redundancy.

The PHPP has been thoroughly vetted, having undergone one of the most extensive environmental review processes in the nation. Both the CEC and EPA have concluded there are no environmental concerns. The PHPP is in full compliance with all State and Federal health and air quality regulations.

Report to the Board Regarding Support for the PHPP
September 18, 2013
Page 2 of 2

Supporters of the PHPP include: Senator Steve Knight, Assemblyman Steve Fox, Palmdale Chamber of Commerce, Antelope Valley African American Chamber of Commerce, Antelope Valley Hispanic Chamber of Commerce, and the Los Angeles/Orange Counties Building and Construction Trade Council.

Financial Impact:

No Fiscal Impact.

Supporting Documents:

Resolution No. PRWA 2013-015

RESOLUTION NO. PRWA 2013-0015

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE PALMDALE RECYCLED WATER AUTHORITY SUPPORTING THE PALMDALE HYBRID POWER PLANT PROJECT

WHEREAS, the City of Palmdale has been working on the Palmdale Hybrid Power Plant (Project) since 2006, and

WHEREAS, in August 2011, after more than three years of intense study and scrutiny, the California Energy Commission adopted the Presiding Member's Proposed Decision to approve the Project; and

WHEREAS, in November 2011 the Environmental Protection Agency's (EPA) issued their permit to the City of Palmdale, for the construction and operation of the project; and

WHEREAS, this Project will create 600 to 800 good paying jobs during construction; and,

WHEREAS, the Project will create 35 direct, permanent jobs upon completion; and,

WHEREAS, approximately \$5 million dollars a year from the plant's operating budget will be spent directly in the local economy; and

WHEREAS, the Project will spend \$3 to \$5 million on the paving of roads, which are currently dirt roads in unincorporated Los Angeles County and hereby dramatically reduce PM10 pollutants in the ambient air; and,

WHEREAS, the Emission Reduction Credits that are required are at a level of 1.3:1 which is greater than 1:1, thereby resulting in reduced emissions; and,

WHEREAS, the Project will produce nearly 600 MW of electricity---enough to supply approximately 500,000 homes---and will help hold down the costs of generating electricity statewide; and,

WHEREAS, the Project will fund \$18.5M of Phase 4 of the regional recycled water trunk line, which is estimated to cost approximately \$20 million; and,

WHEREAS, the Project's recycled water line will provide a graded pump station pad and infrastructure for the Palmdale Recycled Water Authority's future use; and,

WHEREAS, the Project will use recycled water rather than the Antelope Valley's limited potable water resources.

WHEREAS, the use of recycled water by the Project will provide a positive impact to the balance of salt management in the Antelope Valley Region and as it is a part of the proposed Salt and Nutrient Management Plan of the Antelope Valley.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Palmdale Recycled Water Authority hereby supports the Palmdale Hybrid Power Plant.

The Clerk of the Authority shall certify to the adoption of this Resolution and enter it into the official records of the Authority.

PASSED, APPROVED and ADOPTED this 18th day of September, 2013, by the following vote:

AYES: _____

NOES: _____

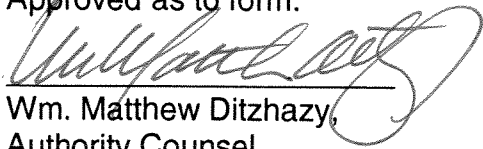
ABSENT: _____ ABSTAIN: _____

James C. Ledford, Jr., Chair

ATTEST:

Rebecca Smith,
Authority Secretary

Approved as to form:



Wm. Matthew Ditzhazy,
Authority Counsel

**PALMDALE RECYCLED WATER AUTHORITY (PRWA)
PALMDALE WATER DISTRICT
2029 EAST AVENUE Q
PALMDALE, CALIFORNIA
REGULAR MEETING AGENDA NO. 7
AUGUST 21, 2013
7:00 P.M.**

www.cityofpalmdale.org
www.palmdalewater.org.

1. CALL TO ORDER.

Called to Order at 7:00 p.m.

**2. ROLL CALL: DIRECTORS JAMES C. LEDFORD, JR., GORDON
DEXTER, LAURA BETTENCOURT, KATHRYN
MAC LAREN, AND HELEN GONZALEZ**

Chair Ledford, Vice Chair Mac Laren, and Director Gonzalez were present.

Motion: Excuse the absence of Directors Dexter and Bettencourt.
Moved by Vice Chair Mac Laren, seconded by Director Gonzalez.

Vote: Motion carried (3-0).

Yes: Chair Ledford, Vice Chair Mac Laren and Director Gonzalez

Absent: Directors Dexter and Bettencourt.

3. PLEDGE OF ALLEGIANCE.

4. CONSENT CALENDAR – PUBLIC COMMENTS ONLY:

None.

5. CONSENT CALENDAR:

5.1 Approve receipt and filing of the Treasurer's Report for the month ended July 31, 2013. (Staff Reference: Treasurer/Auditor St. John)

- 5.2 Consideration and possible action regarding an amendment proposal of the Joint Exercise of Powers Agreement (JPA) between the City of Palmdale and the Palmdale Water District as to JPA Section 4.19 “Authority Documents” which requires written resolutions for specific matters and amending to allow Authority direction on minor or routine matters via “minute orders”. (Staff Reference: Authority Counsel Ditzhazy)
- 5.3 Approve the Minutes from the previous meeting held on June 19, 2013. (Staff Reference: Secretary Smith)

Motion: Approve the recommendations and findings on all items listed under the Consent Calendar.

Moved by Vice Chair Mac Laren, seconded by Director Gonzalez.

Vote: Motion carried (3-0).

Yes: Chair Ledford, Vice Chair Mac Laren and Director Gonzalez

Absent: Directors Dexter and Bettencourt.

6. PUBLIC COMMENTS:

Loel Havilland asked if Item 5.2 was to take care of the issue between the City and Palmdale Water District regarding the contract discussed at the last meeting. Executive Director LaMoreaux explained that he was talking about recycled water allocation from the Sanitation District to various entities in the Valley and that Item 5.2 was put on the agenda in order to streamline the Joint Powers Authority so that items could be approved by minute order instead of resolution and clarified that the issue is with outside agencies.

7. INFORMATIONAL REPORT OF THE BOARD OF DIRECTORS, EXECUTIVE DIRECTOR, AND ASSISTANT EXECUTIVE DIRECTOR.

Director Gonzalez had nothing to report.

Vice Chair Mac Laren had nothing to report.

Chair Ledford stated that at the next meeting he would like to discuss our next effort at Domenic Massari Park and get a report from staff.

Assistant Executive Director Mischel stated that yes we could provide a report.

General Counsel Ditzhazy stated that the Authority has several goals including irrigation to parks and the other one was to allow for in lieu farming which was to allow a trade between the Palmdale Water District which would be a buyer of the water for the parks, and the other aspect was to do in lieu farming where there is

an exchange for ground water rights. The Palmdale Water District would buy recycled water and sell it to agriculture for non-human consumption crops. Another goal is for ground water recharge which both the City of Palmdale and the Palmdale Water District have plans to allocate recycled water for that.

Executive Director LaMoreaux spoke indicating that Carollo (our consultant) is melding our two plans together and the process includes phasing, and he will give a future update. He also gave the Board an update as far as the re-allocation of recycled water stating that he spoke with the Sanitation District a couple of weeks ago and they understand what our intent is and hopefully at the September meeting we will have a final draft, and we will bring that back to the Board.

Assistant Executive Director Mischel stated he had nothing to report.

Chair Ledford spoke regarding the Palmdale Power Plant Project. Part of the Palmdale Power Plant provides for a \$20 million dollar interconnect for the recycled water between both the Sanitation Districts for tertiary treatment. He stated that the members of our sister city to the north would like to kill the power plant. He stated it seems like they would rather have the taxpayers pay for the \$20 million interconnect as opposed to making it a part of a project like the Power Plant and asked if there is way, as a Board, we could consider supporting the Palmdale Power Plant for that reason and allow others locally to weigh in on the issue.

Vice Chair Mac Laren stated that it is important for both the City and the Water District to definitely support that.

Chair Ledford stated we could bring it back for consideration and the Palmdale Water District and the City could administratively figure out.

General Counsel Ditzhazy stated it sounded like direction was to bring back a Resolution. The Board concurred. Chair Ledford stated he should like for other entities to weigh in and ask them to take a position as well.

Executive Director LaMoreaux stated that they could put together a summary of that backbone, and that he thought all of the agencies in the Valley approved it back in 2006, how far that is from completion, and what the \$20 million dollars would mean to it.

Chair Ledford stated that as part of that Resolution, he would like to ask our friends to the north that seem to have a counter position how they would pay for the interconnect? The Board concurred.

Chair Ledford asked if the interconnect opens up the west side of the Valley for recycled water? Executive Director LaMoreaux stated yes. Chair Ledford stated

that if we want to get everyone on board, this becomes an important part of our Recycled Water Authority.

Assistant Executive Director Mischel stated that it helps our system too, our system as an agency.

8. ADJOURNMENT.

Vice Chair Mac Laren adjourned the meeting at 7:10 p.m. to September 18, 2013 at 7:00 p.m. at the City of Palmdale City Hall Council Chambers located at 38300 Sierra Highway, Suite B, Palmdale, California.

PASSED, APPROVED, AND ADOPTED this 18th day of September 2013.

James C. Ledford, Jr.
Chair

ATTEST:

Rebecca J. Smith
Secretary

PALMDALE RECYCLED WATER AUTHORITY

BOARD MEMORANDUM

DATE: September 18, 2013
TO: BOARD OF DIRECTORS
FROM: Betsy St John, Treasurer-Auditor, PRWA
VIA: Mr. Dennis LaMoreaux, Executive Director, PRWA

September 18, 2013
Board Meeting

RE: AGENDA ITEM NO. 6.3 – TREASURER’S REPORT FOR AUGUST 2013

Recommendation:

Palmdale Recycled Water Authority (PRWA) staff recommends the Board of Directors to receive and file the Treasurer’s Report for the month ended August 31, 2013.

Background:

To comply with provisions required by Section 4.13 of the Joint Powers of Authority Agreement and responsibilities of Treasurer, a Financial Report is prepared and submitted to the Board of Directors who certifies the availability of funds for the reports presented. These reports are hereby submitted to the Board of Directors for ratification.

Financial Impact:

During the month of August the PRWA invoiced the City of Palmdale and the Palmdale Water District their 2013 agreed upon contribution. The contribution of \$100,000 each was received from each Agency during August 2013, therefore PRWA has \$200,000 in the bank as of August 2013. PRWA has unpaid invoices due of \$4,995.00.

Supporting Documents:

August 2013 Treasurer’s Report.

**Palmdale Recycled Water Authority
Treasurer's Report
Month Ended August 31, 2013**

Cash/Funds Available and held at Bank of America:

Balance, beginning	\$0.00
Deposits	200,000.00
Expenditures	0.00
Balance, ending	<u><u>\$200,000.00</u></u>

Accounts Receivable:

	\$0.00
Total Accounts Receivable	<u><u>0.00</u></u>

Accounts Payable:

County Sanitation Districts of LA County Quarterly payment	3,199.57
Carollo Engineers, Professional Services during May 2013	2,497.50
Total Accounts Payable	<u><u>5,697.07</u></u>

PALMDALE RECYCLED WATER AUTHORITY

BOARD MEMORANDUM

DATE: September 11, 2013 **September 18, 2013**
TO: BOARD OF DIRECTORS **Board Meeting**
FROM: Mr. Dennis LaMoreaux, Executive Director, PRWA

RE: *AGENDA ITEM NO. 7.1 – REPORT ON IMPACT OF THE PALMDALE HYBRID POWER PLANT CONTRIBUTION ON COMPLETING THE ANTELOPE VALLEY RECYCLED WATER PROJECT AND PRWA*

Recommendation:

No recommendation at this time, informational report only.

Background:

Sanitation Districts of Los Angeles County, Districts 14 and 20 were required to upgrade the wastewater treatment at the Lancaster and Palmdale Reclamation Plants to a tertiary level in 2004. Shortly thereafter, LACWW, the cities of Palmdale and Lancaster, AVEK, Palmdale Water District, Quartz Hill Water District, and Rosamond Community Services District worked together to develop a valley-wide plan to use the tertiary water. This became the Antelope Valley Recycled Water Project (AVRWP) and is also known as the Recycled Water Backbone System.

The AVRWP tied together the Rosamond CSD, Lancaster, and Palmdale reclamation plants, set up the ability to build individual distribution systems throughout the Antelope Valley, and had an initial cost estimate of \$119M for construction. The AVRWP was approved by the participating agencies in 2006 and a programmatic EIR was completed shortly thereafter. Many discussions were held during this time period as to how it would be built and operated because it was a regional project and crossed many jurisdictions. These included the formation of a joint powers authority similar to PRWA. However, this never happened. The Project has been divided into several pieces or phases since its approval that are operated independently. Portions of it from the Lancaster Reclamation Plant to Avenue M have been constructed by LACWW, US Army Corp of Engineers, and the City of Lancaster.

The phase currently assigned to the Palmdale Hybrid Power Plant Project, Phase 4, will connect the Avenue M recycled water pipeline to the Palmdale Reclamation Plant, extend west to a storage tank near 10th Street West and the Antelope Valley Freeway to provide a connection

point for the future Ritter Ranch area development and west Palmdale in general, and is currently valued at \$20M. The phase is shown in red on the attached map. Most of these facilities are needed to deliver recycled water to the PHPP from the Palmdale Reclamation Plant in the amount of 4,000 AF/year as its source of cooling water. The PHPP's contribution is currently \$18.5M.

The \$18.5M contribution to Phase 4 will be lost if the PHPP does not move forward to construction. Phase 4 serves two main purposes: providing access to recycled water from its share of the Lancaster Reclamation Plant production to west Palmdale and providing cooling water for the PHPP from the Palmdale Reclamation Plant. Only the portions of Phase 4 from Avenue M to west Palmdale remain necessary if the PHPP is not built. That portion will continue to be funded by the LACWW with development impact fees. The portion connecting Palmdale Reclamation Plant will no longer be needed.

Phase 4 would provide a graded pad and limited onsite infrastructure, within the Palmdale Reclamation Plant, for a future pump station to be constructed by PRWA. The effect of the PHPP not moving forward on PRWA is limited and not significant in light of the extent of future distribution system construction. Additionally, the lack of demand from the PHPP could also result in a potential reallocation of the 4,000 AF/year of recycled water from the Palmdale Reclamation Plant production to PRWA for use by its customers. Approximately 6,000 AF/year is currently set to become the PRWA's recycled water supply.

The lack of connection to the Lancaster Reclamation Plant without the complete Phase 4 in place is also not viewed as significant unless PRWA develops additional uses and customers. A connection to the pipeline at Avenue M would be needed to put the unused recycled water from the Lancaster Reclamation Plant to beneficial use if PRWA uses exceed 10,000 AF/year and uses by LACWW and the City of Lancaster are not yet at planned levels.










Financial Impact:

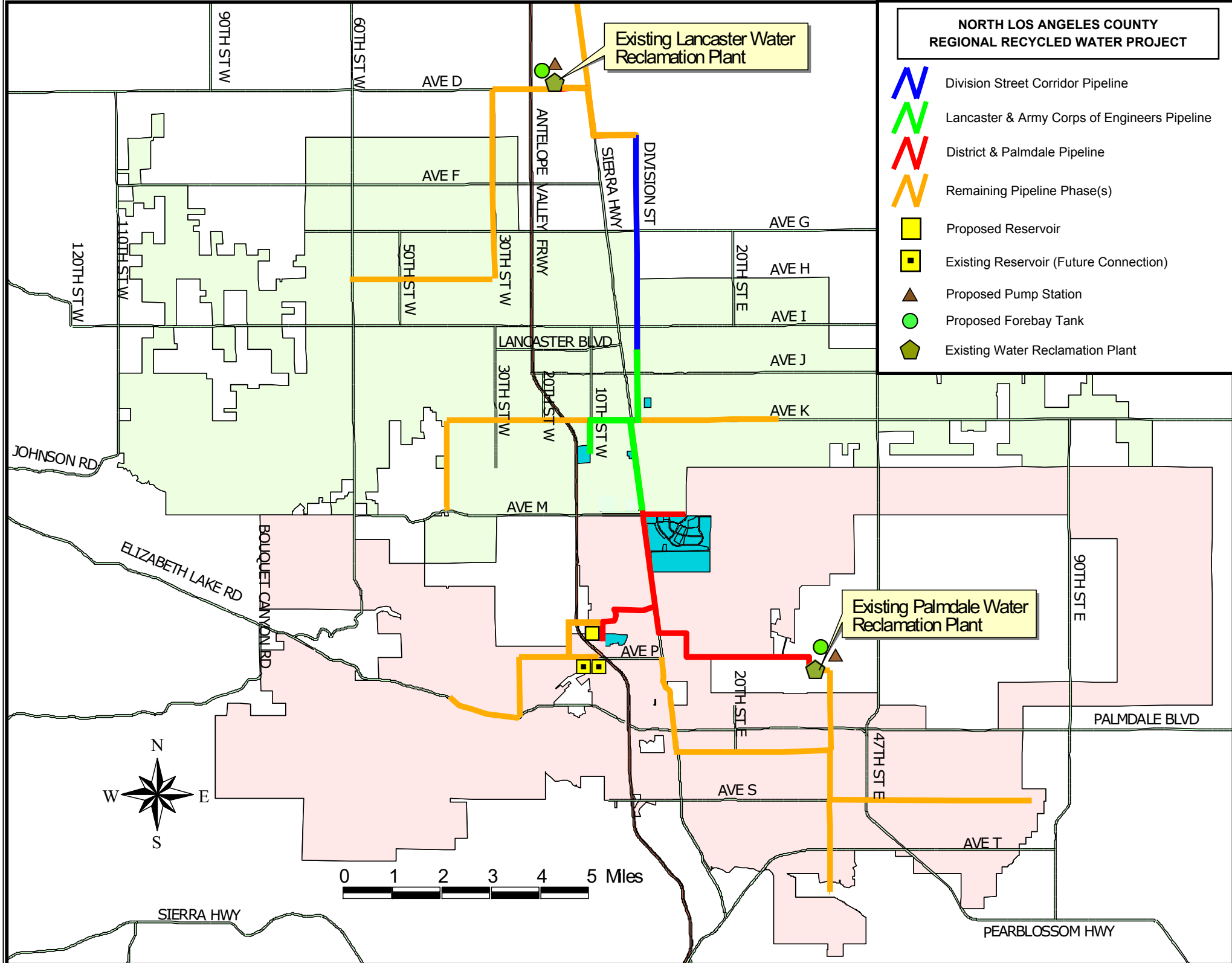
No fiscal impact.

Supporting Documents:

North Los Angeles County Regional Recycled Water Project Facility Map

NORTH LOS ANGELES COUNTY REGIONAL RECYCLED WATER PROJECT

-  Division Street Corridor Pipeline
-  Lancaster & Army Corps of Engineers Pipeline
-  District & Palmdale Pipeline
-  Remaining Pipeline Phase(s)
-  Proposed Reservoir
-  Existing Reservoir (Future Connection)
-  Proposed Pump Station
-  Proposed Forebay Tank
-  Existing Water Reclamation Plant



PALMDALE RECYCLED WATER AUTHORITY

BOARD MEMORANDUM

DATE: September 11, 2013 **September 18, 2013**
TO: BOARD OF DIRECTORS **Board Meeting**
FROM: Mr. Michael J. Mischel, Assistant Executive Director, PRWA
VIA: Mr. Dennis LaMoreaux, Executive Director, PRWA

RE: AGENDA ITEM NO. 7.2 – REPORT ON NEXT PHASE OF RECYCLED WATER FACILITIES

Recommendation:

No recommendation at this time, informational report only.

Background:

The Palmdale Recycled Water Authority (PRWA) currently has installed Phase 1 of the projected facilities master plan. This phase includes approximately 1.6 miles of 24-inch backbone in 30th Street East from the Palmdale Water Reclamation Plant (PWRP) to Avenue R, a temporary pump station at PWRP, a temporary 8-inch line from the pumps to the backbone, and a connection at the City of Palmdale's McAdam Park.

PWRA has contracted with Carollo Engineers to combine the existing recycled water facilities reports from the City and the Palmdale Water District, which is to be complete by early 2014. This report will produce phasing of the master facilities plan. The phases will be balanced to address all potential uses of the recycled water available.

The proposed Phase 2 will be to extent the existing recycled water system from 30th Street East and Ave R to Ave R-8, then east to 55th Street East, and then north to provide service to Domenic Massari Park. Lateral feeds south from Ave R-8 to Palmdale Oasis Park and the future Yellen Park will be constructed and all available landscape maintenance districts of the City along the route of these mainlines will be connected. This phase will also install a permanent pump station at the PWRA, remove the temporary pump station, and provide in-lieu exchange with existing agricultural operations.

Financial Impact:

No Fiscal Impact.

Supporting Documents:

Draft Master Plan Map of Recycled Water Facilities

