



## **Agenda Item: 22**

**Date:** December 16, 2009

**Subject:** Miscellaneous District Issues – General Manager’s Report

**Staff Contact:** Robert Roscoe, General Manager

### **1. Lau Lawsuit**

At the April 2009 Regular Board Meeting, staff provided a report on a claim submitted by Mr. Lok T. Lau related to his residence at 3828 Woodcrest Road. The claim was for \$120,000 for damages which he alleges occurred during the repair of a District waterline located in his back yard on February 4, 2009. Staff’s recommendation was to deny the claim on the basis of no known damage caused during any District related activity. The District’s insurance carrier, ACWA-JPIA was notified and all direction was followed according to their guidance. On November 11, 2009, a Summons was delivered to the Marconi Administration Office of the District notifying the District of a pending lawsuit filed by Mr. Lau. All information has been forwarded to the District’s insurance carrier who has assigned the case to one of their contract legal counsel.

### **2. 2010 WRDA Projects**

In November, the District received a letter from Congresswoman Doris Matsui’s office requesting information on water resources projects that would be good candidates for authorization under the 2010 Water Resources Development Act (WRDA). On November 20, 2009, the District submitted completed project request forms to Congresswoman Matsui’s office for five separate conjunctive use projects that are believed to be excellent candidates for WRDA authorization. These five projects were selected because they will potentially assist Bureau of Reclamation operations at Folsom Lake and with the Central Valley Project (CVP) and can assist the State and Federal governments in solutions to the Sacramento/San Joaquin Delta issues. The total estimated cost of these five projects is \$24 million.

### **3. Emergency Generator Compliance Project**

Work is proceeding to replace a certain number of standby generators that were originally permitted as being portable through the California Air Resources Board (CARB). The project underway is to install a 350 kW diesel powered generator set at Well #N35 and smaller 150 kW natural gas (NG) generator sets at four other well sites in the North Service Area (Wells #N5, N17, N23 and N29). The new engine generators must be operational by January 1, 2010.

The engine generator installation contractor, Barnum & Celillo Electric (BCE), made significant progress during the month of November. As of the end of November, BCE was

approximately 50% complete with all work. Major work completed to date includes demolition, various site work, installation of conduit and wire, and construction of concrete pads for the new generator sets and automatic transfer switch (ATS) panels. The engine generators are scheduled to be delivered and installed on December 15<sup>th</sup>. Startup and testing is scheduled for the week of December 21<sup>st</sup>.

One complication that has arisen during construction is related to existing SMUD transformers at two well sites, Oakdale (#N17) and Merrihill (#N29) that are also receiving new motor control center (MCC) panels as a part of this project. After BCE made contact with SMUD to disconnect the power to these two sites, SMUD informed the District that the existing transformers are overloaded based on SMUD's current design standards and will have to be replaced. Since no electrical loads are being increased at these two sites, there was no concern about the existing transformers during project design and their replacement was not factored into the project schedule. There is plenty of space to install a new larger SMUD transformer at the Merrihill Well but space is tight at the Oakdale Well. As a result, BCE has not yet poured the concrete pad for the new generator set at the Oakdale Well and it is possible that this generator will not be operational by January 1, 2010. Staff is currently working with SMUD to obtain final resolution on any issues related to the replacement of these transform.

**4. McClellan Park Distribution Main Routing Plan and North Service Area Pressure Zone Analysis**

The 2009 Water System Master Plan recommended some additional work related to preparing a routing plan for future distribution mains within the McClellan Park Service Area and a pressure zone analysis in the North Service Area (NSA). This work is currently underway by Brown and Caldwell (B&C). There was some delay so that B&C could obtain easement information within McClellan Park to help route the new water mains. As a result, B&C asked for a schedule extension to complete draft technical memorandums for both tasks. These draft technical memorandums are now scheduled to be completed and submitted later in December for review by District staff.

**5. Labor Code Complaints – Main Replacement Projects**

In late-November, the District received copies of two separate labor code complaints filed by an employee of Tim A. Manley Trucking, Inc., a subcontractor working on the Terry Lynn Acres and Bohemian Village No. 2 - Phase 3 main replacement projects. The general contractor on the Terry Lynn Acres project is Ahlstrom Construction. The general contractor on the Bohemian Village No. 2 project is C&D Contractors. The Labor Board has begun an investigation relating to prevailing wage issues associated with both contracts. The Labor Board requested various contract documentation which the District has now submitted. The District should be protected against any liability because the contracts with these contractors contain the appropriate prevailing wage and bonding requirements. Our legal counsel has been advised.

**6. Terry Lynn Acres Main Replacement Project**

Phase 2 of Terry Lynn Acres is over 95% with only cross-overs and several minor punch list items still to be completed.

Phases 1 and 3 have been combined into one project. Project construction is currently 65% complete. Due to winter weather, pipe installation on Howe Avenue along with all paving will be postponed until weather conditions are favorable. This also affects the service line work associated with the pipe installation. Over 10,000 feet of pipe and 70+ services have been installed to date. Project completion will be in early 2010.

**7. Bohemian Village No. 2 – Phase 3 Main Replacement Project**

C&D Contractors has installed all of the new main lines on Marconi Avenue. Several delays have been encountered due to unknown water service connections within the Town and Country Shopping center. Six new water meters ranging from 3" to 3/4" diameter will be installed to correct several water service issues within the shopping center. Pavement work will be postponed until weather conditions are favorable for paving. A Change Order is being negotiated for several construction related issues and is expected to be approximately \$80,000.00. C&D is expected to be substantially complete with main replacement in December 2009.

**8. Additional Main Replacement Projects**

The District has several projects in design. The status of each is described below. These projects are planned for construction in 2009 and 2010.

- **Park Hills** – This project is being designed by Area West Engineers. A 95% design submittal to the District was returned to the consultant with comments. Acquiring necessary easements may be an issue which could delay construction. Construction on the project is currently anticipated to begin in mid-2010.
- **New Broadmoor Estates** – The District returned design comments on the 90% design plans to Domenichelli & Associates. The next submittal will be the 100% plans. The design project is on schedule and on budget.
- **Country Club Vista** – West Yost Associates (WYA) has submitted 50% design plans to the District, which were then reviewed and returned with comments. WYA is now working on the 90% design submittal. Construction plans are scheduled to be completed in February 2010, with construction to begin in late 2011. Potential easement acquisitions may require additional effort.

**9. Arden Arcade Incorporation**

On November 12, 2009, CIP Manager John Valdes attended the County of Sacramento Arden Arcade Community Forum and Exposition. Approximately 200 residents attended this forum to hear a panel discussion about public safety issues, the annexation/incorporation process and County services such as code enforcement, transportation, parks and more. An open forum was held prior to the panel discussion

where the County placed tables staffed by County service providers to provide information and to answer questions from residents.

Since the Forum and Exposition was a County of Sacramento event, the Arden-Arcade Incorporation Committee was not invited to participate in the program, although they were provided with a table during the open forum portion of the event. During the panel discussion, Supervisor Susan Peters, along with outgoing County Executive, Terry Schutten, representatives from law enforcement, and the Administrator of the County's Municipal Services Agency, Paul Hahn, spoke about how they serve the Arden Arcade area. Also, Mr. Bill Chiat, Executive Director of the California Local Agency Formation Commission (LAFCo), made a presentation on the LAFCo process and he explained the differences between incorporation and annexation.

At the end of the panel discussion, there was time allotted for County staff to answer written questions from the public. Most of the questions were general in nature and related to County budget issues.

**10. Mapping Conservation Rebates**

SSWD serves a large quantity of residential homes and commercial businesses, many of which have taken advantage of the toilet rebate and washer rebate programs. To more easily track where customers have been issued rebates for the installation of updated toilets and washing machines, water conservation staff have been working with the GIS/IT Technician to input points representing all such transactions.

**11. 2010 Urban Water Master Plan – Request for Proposal**

In November, five consultants contacted staff requesting the following:

- Discussion on the newly adopted requirements for the Urban Water Management Act.
- Request for copies of the 2005 UWMP. A copy was scanned and placed on the District's web site.
- Phone conversation from two consultants followed by written confirmation that they would not be providing a proposal for this project. The firms were West Yost & Associates and Eco-Logic.
- Request to provide a proposal on the 2010 UWMP from Carollo Engineers. Staff provided a RFP including attachments to Carollo on December 1<sup>st</sup>.

Staff released the RFP for proposals on October 29, 2009. RFP's are due December 11<sup>th</sup>.

Staff has completed the "request for proposal" for the preparation of the 2010 Urban Water Master Plan (Plan). The 2010 Plan updates the previous 2005 Plan. The update is to comply with the requirements of the Urban Water Management Planning Act (Act), Water Code Section 10610 et seq. The Act requires all urban water suppliers providing water for municipal purposes to more than 3,000 customers or supplying more than 3,000 acre-feet of water annually to adopt and submit an urban water management plan to the California

Department of Water Resources (DWR) every five years. The purpose of the Plan is to ensure the efficient use of available water supplies as required by the Act. The Act states that the urban water suppliers should make every effort to assure the appropriate level of reliability in its water service is sufficient to meet the needs of its various categories of customers during normal, dry and multiple dry years. The Act describes the Plan and how each urban water supplier should adopt and implement the Plan.

**12. Federal Recovery Act Grant**

Staff has completed revision of bid documents in accordance to the Challenge Grant requirements. Copies of the specifications were provided to legal counsel for review and comments on December 3, 2009. Staff's schedule is to place the project out for bid proposals around mid December with proposals due around mid January.

**13. 2009 Water Meter Retrofit Project**

For the 2009 Project approximately 939 services are scheduled for retrofits. Another 386 new services are to be installed with meters on the 2009 main replacement projects. This project was awarded to GM Construction (GM) at the January 26<sup>th</sup> Board meeting.

In the month of November, GM installed approximately 41 meters. The 2009 project is completed. GM is currently upgrading some past services that were in conflict with hardscape and required numerous meetings with the property owners prior to retrofitting. To date 966 services have been retrofitted. In addition 104 services have been metered on the voluntary metering program.

**14. Connecting Mains/Main Replacement Projects**

Currently the following projects are ready for encroachment permits and bid proposals:

- Connie Drive Main Extension Project
- Marconi Circle Improvement Project
- Belcot Drive Improvement Projects
- Fair Oaks Boulevard/Estates Drive Main Extension/Connection Project
- Lacy Lane Main Extension Project
- Rockwood Drive/Eastern Avenue Main Extension Project
- Pasadena Avenue/Horgan Way/Stone Court/Norris Avenue Main Connection Improvement Project

The Winding Way Main Connection Project – “A” Plans were sent out to the utility companies for maps of their system within the limits of the work area. No activity, waiting for utility response letters to finish design.

Albatross/Glenrose Main Connection Project – “A” Plans were sent out to the utility companies for maps of their system within the limits of the work area. No activity, waiting for utility response letters to finish design.

Construction on Ball Way is completed. A notice of completion was executed and sent to the County for recording in November.

**15. Walnut Yard Elevation Storage Tank, Clearwire Antenna Installation**

During November Clearwire representatives visited the site to inspect the water tank and take preliminary measurements and photographs. There was no discussion on when Clearwire would install the facilities on the tank; however Clearwire continues to make rent payments as per the lease agreement.

**16. Sacramento River Water Reliability Study (SRWRS)**

In November MWH completed the project summary and provided staff with a portable hard drive containing a copy of the files and work that was completed to date. This project is now considered in long term hibernation.

**17. Verner Avenue Production/ASR Well Design and Construction**

During the month of November, the following work was started or completed:

- Completion of the final non-slip floor coatings.
- Installation of the disinfection equipment.
- Continued wiring of the motor control center.
- Installation of the HVAC system in the attic of the building.
- Installation of the sensing lines from the MCC panels into the disinfection equipment and to the pump and control valve.
- Clear and grub along the Verner Avenue right-of-way including rough grading and tree removal.
- Preparations for the installation of the off-site storm drain system.

SMUD has also been contacted on the schedule for power. SMUD has scheduled the installation of the transformer for mid January pending the completion of the primary and secondary conduits and transformer pad.

The project schedule was extended until February 26, 2010 due to approved rain and contract change order delays. Based on the last construction meeting LSCE, JJM Construction and staff determine that there are about three pending contract change orders (CCOs) to be issued on this project. The pending CCOs are additional work along Verner Avenue based on the final approved plans by the City of Citrus Heights, the removal and cleanup of the drywells discovered during construction and holding tanks and isolation valve replacements.

**18. County of Sacramento Improvement Conflicts**

In November, staff received the following projects for review from the County of Sacramento:

- Garfield / Keoncrest Street Light Installation Project – “C” Plans were received for the design of new street lighting around for Keoncrest Circle off of Garfield Avenue.

The project is schedule for proposals in January 2010 with construction beginning in April 2010.

- Forcum Avenue / Bell Avenue Improvements – Staff has received plan and profile sheets including pothole data for the improvements for Forcum Avenue. It appears the District’s existing water line on the east side of the road will be shallow and in conflict with the new drop inlets placed on that side of the new road. Based on the work and discussions with the County the existing water line will require relocation. Per the plans the existing old storm drain on the west side will be removed. A new water line can be placed in that location. The County will be removing the entire street including the underground facilities. Staff will be providing the County with a proposed redesign on the existing water main in Forcum. In November staff met with the County of Sacramento and McClellan Park to discuss the water line relocation. Based on the “A” Plan there appears to be two locations for the relocated water line. The first is between the new storm drain and existing sewer. The location is near the center of the new road. The second location is near the new curb and gutter on the west side of the road. An existing storm drain line will be removed and the location can be used for a new water line. The County stated that the District could perform the work after removal of the pavement including the old storm drain system. The County also offered to include the new water line on their plans for construction or the District can install it separately. Staff is currently designing the new facilities.
- Bell Street Road Improvement – The proposed project is located west of McClellan Park. The project is to complete the structural road section of Bell Street west of Winters Street. The north side of the road will be completed with curb, gutters and sidewalks and constructed to the full width of the right-of-way. The improvements will also include relocating and existing intertie connection with the City of Sacramento. Staff is discussing with the City to place the intertie in a location that is not in conflict with the improvements. Staff is also working with the City to execute a mutual aid assistance agreement for the intertie. In November staff met with McClellan Park and the County to discuss the require improvements on Bell Street including relocation of the existing intertie connections with the City of Sacramento.

**19. Fulton Avenue Infrastructure Study**

Staff prepared and provided to the County of Sacramento a draft infrastructure study report of the existing system along Fulton Avenue within the proposed limits of the corridor area for comments. Included in the report are future requirements and the District’s policy that development will determine the required water mains for the area. To date staff has not received any comments.

**20. Future Well Site Assessment**

The monitoring well at the Coyle Avenue School was drilled and completed during the Thanksgiving week when school was off and the children were on vacation. The preliminary findings showed that the geology was good and the material suitable for a production well.

The monitoring well at the Roseview Park is schedule for the first week of December. Completion is expected by the end of the second week in December.

Samples are scheduled for December 21<sup>st</sup> for both sites when school is on vacation again.

**21. Island Area Freeway Crossing Design**

Proposals were open on November 3, 2009. Ten proposals were received. The proposals ranged from \$264,517.00 to \$509,585.00. The District awarded the project to the apparent low bidder, which was Doug Veerkamp General Engineering. Contracts were executed during November and returned to the contractor with copies of the Cal-Trans and City of Sacramento encroachment permit and the notice to proceed. Staff anticipates construction to begin sometime in December. The contractor will have 50 days from the date of the notice to proceed to complete the project which will place completion in February 2010 pending weather conditions.

**22. SSWD Developer Projects**

Staff has approximately 132 projects in various stages of design in the district. There are 48 commercial project, 70 residential projects and 14 multi-family projects. There is an estimated 934 residential single-family lots within the residential projects.

Currently there are 40 projects approved for construction, 13 of which have started or under construction, 17 that are scheduled but have not provided the required deliverables prior to start of construction and 10 projects waiting to be scheduled. For 2009 staff has issued final acceptance to 34 developer-contributed projects.

In addition there are approximately 46 Sacramento County and/or City of Citrus Heights projects on file. These projects are in various stages of design ranging from A-Plans to C-Plans. C-Plans are projects that are approved for construction or under construction. There are 9 projects at this stage.

During the month of November, Staff approved two projects for construction. The total fees received in November are \$11,007. The projects approved in November were:

- 3436 I. Street – Located in the North Service Area the project included the upgrade of an existing water service with a meter.
- 2200 El Camino Avenue – Located in the South Service Area the project is the remodel of an existing Arco Gas Station. The station will be demolished and rebuilt. New water service and the upgrade of the existing service will include meters and backflows.

Total fees collected for CY 2009 is approximately \$405,891 of which facilities development charges accounted for approximately \$276,757.