

# **SAN JUAN WATER DISTRICT**

## **Board of Director's Meeting Minutes**

February 10, 2016 – 7:00 p.m.

### **BOARD OF DIRECTORS**

Pam Tobin	President
Ken Miller	Vice President (absent)
Ted Costa	Director
Dan Rich	Director
Bob Walters	Director

### **SAN JUAN WATER DISTRICT MANAGEMENT AND STAFF**

Shauna Lorance	General Manager
Keith Durkin	Assistant General Manager
Donna Silva	Director of Finance
Teri Grant	Board Secretary/Administrative Assistant

### **OTHER ATTENDEES**

Mitch Dion	Self
Lynn Scherrer	Self
Ibrahim Khadam	MWH
Tony Barela	SJWD
Tom McClure	SJWD
Kevin Thomas	SSWD

### **AGENDA ITEMS**

- I. Public Forum**
- II. Consent Calendar**
- III. Committee Reports**
- IV. Information and Action Items**
- V. Upcoming Events**
- VI. Closed Session**
- VII. Open Session**
- VIII. Adjourn**

President Tobin called the meeting to order at 7:00 p.m. Ms. Lorance informed the Board that Mr. Joshua Horowitz (Legal Counsel) would not be attending the meeting as there is limited agenda items and no need at this time for a Closed Session.

#### **I. PUBLIC FORUM**

Mr. Tom McClure addressed the Board and introduced himself as a lead worker at the District. He provided Ms. Lorance with his letter of retirement and thanked the Board for the opportunity to work here. He started at the District in 1986 and after 30 years will be retiring on June 3, 2016.

Mr. Kevin Thomas addressed the Board and announced that he and President Tobin met to discuss rekindling the merger discussions between SSWD and

SJWD. He is SSWD Board President this year and plans to bring the topic to a Board meeting to discuss continuation of Phase 2.

## II. **CONSENT CALENDAR**

All items under the consent calendar are considered to be routine and are approved by one motion. There will be no separate discussion of these items unless a member of the Board, audience, or staff request a specific item removed after the motion to approve the Consent Calendar.

### 1. **Minutes of the Board of Directors Meetings**

Approval of San Juan Water District's Board of Director's meeting minutes as follows:

1. Minutes of the Board of Directors Meeting, January 27, 2016

*Director Walters moved to approve the Consent Calendar. Director Costa seconded the motion and it carried with 4 Aye votes (Director Miller absent).*

## **ACTION AND INFORMATIONAL ITEMS**

## III. **COMMITTEE REPORTS**

### 1. **Water Supply & Reliability Committee (2/2/16)**

Mr. Durkin reported that the committee met on February 2, 2016, and discussed the following:

- Water Management and Reliability Study Kickoff (W)
- Groundwater Reimbursement (W)
- Other Matters
  - Greyhawk II Development (R)
- Public Comment

The committee meeting minutes will be attached to the original board minutes.

#### **Water Management and Reliability Study Kickoff (W)**

Mr. Durkin reported that MWH was selected to complete the Water Management and Reliability Study. MWH conducted the kickoff meeting and reviewed the study purpose, goals, objectives, and planning constraints, which the committee concurred with. He explained that MWH will add more water management options to the 13 options developed by the WS&R Committee, which were provided in the Request for Proposal. The list of water management options will then be narrowed down in order to focus on a short list for further evaluation in a subsequent study. He anticipates the study to be completed in September 2016.

Mr. Durkin explained that MWH reviewed the process with the committee which involves gathering information, developing the screening criteria and methodology, conducting a high-level evaluation and applying the screening criteria, refining the evaluation of the short-listed water management options, developing a feasibility study scope of work, and providing an administrative draft report which would include an executive summary along with the technical memorandums.

In response to Director Costa's concern regarding eliminating options in order to reduce the list, Mr. Durkin explained that the Board will be provided with a recommended list of options from MWH and will be able to discuss the recommendation and any options that were recommended to be removed from the list. Director Walters commented that Board interaction with the process will be important. Director Rich mentioned that an additional Board meeting was also going to be added to MWH's meeting schedule.

*For information only; no action requested.*

### **Groundwater Reimbursement (W)**

Ms. Lorance reported that a meeting is being scheduled with Orange Vale Water Company and the City of Folsom to discuss the groundwater reimbursement issue, as there was some disagreement with the proposed reimbursement analysis. She explained that the Board requested that two options listed below be looked at with all WCAs:

Option A – SJWD-W pays for water supply then allocates costs via the water rate process for all WCAs. Then further discussion would continue on the costs incurred during 2009-2013 for maintenance pumping/readiness to serve.

Option B – SJWD-W pays for everything over a five year period then increase wholesale rates accordingly to cover the cost of the benefit to all five agencies.

Mr. Durkin commented that after the meeting with OCWC and Folsom then another meeting will be set with all the WCAs. In addition, Mr. Durkin explained that a deadline on making a final decision will be established per Director Walter's suggestion. The Board discussed the topic and would like to discuss this issue by the 2<sup>nd</sup> meeting in March.

*For information only; no action requested.*

### **Other Matters**

Mr. Durkin informed the Board that staff has been working with the developer of the Greyhawk II subdivision off Sierra College Boulevard. The developer was required to install a new water main pipeline and provide an easement within the development to replace an existing pipeline that will be abandoned. The easement associated with the old pipeline can now also be abandoned.

***President Tobin moved to approve a Quitclaim Deed to abandon the 2006 water line easement within the Greyhawk II development. Director Costa seconded the motion and it carried with 4 Aye votes (Director Miller absent).***

**2. Finance Committee (2/9/16)**

Director Costa reported that the committee met on February 9, 2016, and discussed the following:

- Review and Pay Bills (W & R)
- Other Finance Matters
- Public Comment

The committee meeting minutes will be attached to the original board minutes.

**Review and Pay Bills (W & R)**

Director Costa reported that the committee reviewed bills and claims in the amount of \$1,598,611.40 and found them to be in order.

***President Tobin moved to approve Resolution 16-02. Director Costa seconded the motion and it carried with 4 Aye votes (Director Miller absent).***

**Other Finance Matters (W or R)**

Director Costa reported that Ms. Silva will be discussing the monthly reports at the workshop on government finance. In addition, she will be sharing her six month assessment of the Finance Department's operations.

Director Costa suggested that the District look into the San Juan Suburban Financing Corporation borrowing funds to buy the District's solar facility. Then those funds could possibly be used to pay off the CalPERS unfunded liability. He explained that the financing corporation could then bill the District for the energy use in order to pay off a lower interest loan as compared to the higher interest rates of the unfunded liability. He commented that this is something to look into in the future and discuss with the Board.

Ms. Silva informed the Board that a potential refinancing of the 2009 bonds could save approximately \$6 million; however, the bonds are not callable until 2019 and funds would need to be set aside. She explained that the savings will be greater with each passing year, assuming interest rates do not substantially increase. She recommends that the District keep a watchful eye on interest rates and only commence a refunding if the outlook on interest rates changes.

*For information, no action requested*

## **IV. INFORMATION AND ACTION ITEMS**

### **1. GENERAL MANAGER'S REPORT**

#### **1.1 Water Supply Update**

Ms. Lorance reported that Folsom Reservoir is at approximately 600,254 acre feet, which is above historical average. In addition, the Bureau is increasing releases for flood control at this time. She reported that there are some storms in the forecast for next week and the drought forecast shows some improvement.

*For information, no action requested*

#### **1.2 State Water Resources Control Board Update (W/R)**

Ms. Lorance informed the Board that the State Water Resources Control Board (SWRCB) has decided to extend the conservation requirements through October 2016, even though the Bureau is releasing water for flood control. The SWRCB did reduce the District's conservation requirement from 36% to 33%, cumulative since June 2015. She commented that if the region continues to receive rain then the region might be able to convince the SWRCB that the region is not in a drought and the conservation requirements could potentially be lifted in April, as the SWRCB committed to review the situation before May 1<sup>st</sup>. Ms. Lorance informed the Board that the Water Supply & Reliability Committee will be discussing this issue at their next meeting. She reported that the SWRCB may remove drought requirements by region.

Ms. Lorance informed the Board that USBR submitted a comment letter to the SWRCB requesting that the SWRCB state that conserved water transfers are not allowed. She reported that the SWRCB did not specifically address that request and directed SWRCB staff to address the SJWD/SCVWD transfer with the agencies involved, including USBR. Legal Counsel, Joshua Horowitz, will be contacting the SWRCB attorney to discuss this issue.

*For information, no action requested*

#### **1.3 Report Back Item**

##### **1.3.1 Meeting with USBR on February 3**

Ms. Lorance reported that there was a meeting held on February 3<sup>rd</sup> with the USBR which included Deputy Secretary of the Interior Mike Conner, Commissioner Estevan López, Pablo Arroyo and David Murillo from USBR, and almost all the CVP contractors. The meeting was held to discuss the need to make the CVP sustainable. This topic will be discussed again at the R3 Group meetings in Washington, D.C., later this month. In addition, the meeting with the USBR covered discussions on changing the Coordinated Operating Agreement with CVP and SWP.

### 1.3.2 Options for Meter Reading

Ms. Lorance informed the Board that it would cost approximately \$130,000 annually for additional monthly meter reading, and approximately \$565,000 annually for meter reading and billing on a monthly basis. In response to Director Costa's comment, Ms. Lorance informed the Board that she will look into the outsourcing cost that CHWD pays for meter reading.

### 1.3.3 Water Transfer Update

Ms. Lorance reported that there are weekly meetings on groundwater substitution transfer with FOWD, CHWD and SSWD. The next meeting is tomorrow, and it is anticipated that the agencies will provide information on what water they can pump per month that would be available for transfers.

Ms. Lorance reported that Santa Clara Valley Water District (SCVWD) is working hard to identify the procedure for calculating outdoor water consumptively used versus indoor water use. She explained that the data is being required in order to transfer water. In addition, SCVWD is meeting with DWR to obtain DWR's view on conservation water transfers.

## 1.4 **Miscellaneous District Issues and Correspondence**

Ms. Lorance informed the Board that the District received the USBR letter regarding water rates, which comes annually. She explained that the water contract rates are \$27 per acre foot to deliver PCWA water to the District, no power fees are included in this rate. In addition, the CVP rates are \$27.83 for the water and about \$20 for environmental restoration. Director Costa commented that the CVP Water Users Association has been reviewing the methodology regarding the CVP rates for the last four years. Ms. Lorance commented that it is expected that the CVP rates will at least double once they have completed the study. Director Walters suggested that the cost of water be discussed more often along with the benefits.

Ms. Lorance informed the Board that CHWD is transitioning to electronic packets and providing computers/tablets to their board members. She explained that this will get the packets to the Board members faster, provides the Board their own district email, and provides calendaring for Board members. She commented that a lot of agencies are providing their Boards with electronic devices for Board meetings and is something that the Board should discuss at a later date.

Ms. Lorance reminded the Board that there are two workshops scheduled for next week – Workshop #1 on succession planning, staffing, and compensation policy, and Workshop #2 on government finance. In addition, she provided the Board with a copy of the ACWA committee rosters.

Ms. Lorance notified the Board that she will not be attending the February 24, 2016, Board meeting as she and President Tobin will be attending the ACWA DC2016 conference. The Board decided to wait until a draft agenda is ready to decide on whether or not to cancel the February 24<sup>th</sup> Board meeting.

## **2. ASSISTANT GENERAL MANAGER'S REPORT**

### **2.1 Report Back Items**

There were no items discussed.

### **2.2 Miscellaneous District Issues and Correspondence**

There were no items discussed.

## **3. DIRECTOR OF FINANCE'S REPORT**

### **3.1. Report Back Items**

Ms. Silva reported that the payroll checking account has been reconciled for FY 2014-15 and accounting of fixed assets should be completed by the end of the week. Therefore, the accounting department should be able to prepare financial statements for FY 2014-15.

### **3.2. Miscellaneous District Issues and Correspondence**

There were no items discussed.

## **4. LEGAL COUNSEL'S REPORT**

### **4.1 Legal Matters**

No report.

## **5. DIRECTORS' REPORTS**

### **5.1 SGA**

President Tobin reported that SGA meets on February 11, 2016.

### **5.2 RWA**

No report.

### **5.3 ACWA**

#### **5.3.1 Local/Federal Government/Region 4 - Pam Tobin**

President Tobin reported that she testified at the February 2<sup>nd</sup> State Water Resources Control Board hearing on conservation requirements and the drought. The SWRCB will be revisiting the requirement in April.

**5.3.2 Energy Committee - Ted Costa**

No report.

**5.3.3 JPIA - Bob Walters**

Director Walter reported that the Property Program Committee met and will possibly be recommending the same or a 5% reduction in rates. He commented that the total insured value of JPIA Property Program is over \$5 billion.

**5.4 CVP Water Users Association**

No report.

**5.5 Other Reports and Comments**

President Tobin reported that she will be attending the ACWA Legal Affairs Committee at the request of ACWA Region 4.

President Tobin reported that she will be attending the Cap-to-Cap event with the Sacramento Chamber of Commerce in April. She commented that it is critical to attend the event this year as main topics are Folsom Lake and the lower American watershed. Director Walters requested that the finished handout be provided to the Board. In response to Director Walters' comment, Ms. Lorance responded that the water committee has met with local elected after the Cap-to-Cap events. Director Rich commented that specific wants for the region should be addressed in the meetings.

Director Costa inquired if staff is trying to put a bill in the legislature regarding water transfers. Ms. Lorance informed the Board that the Legal Affairs Committee will be reviewing this topic at their next meeting. Director Walters requested that Legal Counsel draft a bill and bring to the committee meeting.

**V. UPCOMING EVENTS**

1. 2016 ACWA DC Conference  
February 23-25, 2016  
Washington, DC
2. 2016 ACWA Legislative Symposium  
March 9, 2016  
Sacramento, CA
3. 2016 Water Education Foundation – Executive Briefing  
March 17, 2016  
Sacramento, CA
4. 2016 Cap To Cap – Metro Chamber  
April 9-13, 2016  
Washington DC



**President Tobin reported that there would be no Closed Session**

**VI. CLOSED SESSION**

1. Conference with real property negotiators involving the transfer of water conserved under the District's pre-1914 water right and by groundwater substitution. The Board will provide direction to District negotiators, General Manager Shauna Lorance and Assistant General Manager Keith Durkin, on the price, terms of payment or both for the transferred water. The specific buyers and their representatives with whom the District will negotiate have not yet been identified, but those buyers and representatives will be publicly identified at the Board meeting or as soon thereafter as possible. (See Government Code sections 54954.5(b) and 54956.8.)

**VII. OPEN SESSION**

There was no Closed Session.

**VIII. ADJOURN**

**The meeting was adjourned at 8:42 p.m.**

---

PAMELA TOBIN, President  
Board of Directors  
San Juan Water District

ATTEST:

---

TERI GRANT, Board Secretary

**Water Supply & Reliability Committee Meeting Minutes**  
**San Juan Water District**  
**February 2, 2016**  
**8:00 a.m.**

- Committee Members:** Bob Walters, Chair  
Dan Rich, Director
- District Staff:** Keith Durkin, Assistant General Manager  
Teri Grant, Board Secretary/Administrative Assistant
- Consultants:** Vanessa Nishikawa, P.E., Project Manager (MWH)  
Ibrahim Khadam, P.E., Technical Lead (MWH)  
Joshua Biggs, Project Support (MWH)  
Richard Shatz, Consultant (GEI)
- Members of the Public:** Bob Churchill, Citrus Heights Water District  
Craig Davis, Orange Vale Water Company  
Sharon Wilcox, Orange Vale Water Company  
Joe Duran, Orange Vale Water Company  
Ted Costa, San Juan Water District  
Tony Barela, San Juan Water District
- Topics:** Water Management and Reliability Study Kickoff (W)  
Groundwater Reimbursement (W)  
Other Matters  
Public Comment

**1. Water Management and Reliability Study Kickoff (W)**

Mr. Durkin reminded the committee that MWH was selected to complete the Water Management and Reliability Study. He introduced Ms. Vanessa Nishikawa who will act as the Project Manager for the study.

Ms. Nishikawa introduced the team members present that will be working on the study – Ibrahim Khadam, P.E., Technical Lead (MWH); Joshua Biggs, Project Support (MWH); Richard Shatz, Consultant (GEI). She reviewed the kickoff meeting agenda with the committee and provided some handouts, which will be attached to the meeting minutes.

Mr. Khadam reviewed the study purpose, goals, objectives, and planning constraints. He explained that MWH will add more water management options to the 13 options developed by the WS&R Committee, which were provided in the Request for Proposal. The list of water management options will then be narrowed down in order to focus on a short list for further evaluation in a subsequent study. Both Director Walters and Director Rich agreed that Objective II is the primary driver for the study.

Mr. Khadam reviewed the roles and responsibilities as listed on page 3 of the handouts. Mr. Bob Churchill voiced concern that the wholesale customer agencies (WCAs) are listed under the "Informed" column when they (CHWD & FOWD) should be more active for ground water information. Mr. Durkin pointed out that the WCAs anticipated activities as noted in the handout include becoming informed on the study and providing input. In addition, Mr. Durkin explained that MWH will collaborate with the WCAs throughout the study at specific meetings during their analysis as noted in the project meetings handout. Director Rich commented that along with the meetings with the WCAs, the WCAs are welcome to attend the committee and Board meetings to provide additional input. Director Walters commented that he sees participation from the WCAs as active and not passive and encourages the WCAs to provide comments throughout the process.

Ms. Nishikawa reviewed the process chart. She explained that there will be six project status meetings with SJWD staff, 3 committee meetings, 2 Board meetings, 3 meetings with WCAs, and one joint board meeting. In addition, there will be 6 technical memorandums (TM) that will be provided to staff. She will work with SJWD staff regarding comments that are received throughout the process. The committee suggested that another meeting with the Board be placed on the schedule for the last meeting in May or the first meeting in June between TM4 and TM5. Mr. Durkin commented that the WCAs will also be informed of the status of the study during their monthly GM meetings. The committee discussed the proposed meeting dates and did not have any conflicts. Mr. Churchill commented that he has a conflict with the joint board meeting date and respectfully requested that another date be scheduled. In addition, Mr. Churchill suggested that a presentation be made at a CHWD board meeting at a future date.

Ms. Nishikawa reviewed the process which involves gathering information, developing the screening criteria and methodology, conducting a high-level evaluation and applying the screening criteria, refining the evaluation of the short-listed water management options, developing a feasibility study scope of work, and providing an administrative draft report which would include an executive summary along with the TMs.

Director Walters commented that at some point the study should be discussed with Legal Counsel, especially regarding the Sustainable Groundwater Management Act (SGMA). Mr. Durkin explained that both the District and MWH are responsible to make sure any recommendations fall under the authority of the District. Mr. Richard Shatz commented that he is assisting DWR with the implementation of SGMA and is very knowledgeable of the process.

Mr. Khadam reviewed the list of water management options as outlined on pages 5a and 5b of the handout. He explained that the flow chart includes information on the left for storage options during wet years and on the right for water management options. The committee discussed the various options. Director Rich commented that dedicated storage in Folsom Reservoir for SJWD's water rights might be another option. Director Walters mentioned that the Sierra Conservancy is working

on a project to allow more water to flow into the American River watershed. MWH requested a copy of the Sierra Conservancy report.

Director Rich commented that under Option 3 regarding PCWA, the study could look into more ways to optimize PCWA's and the District's water treatment plants. Mr. Durkin commented that the District might be able to enter into agreement with PCWA for upstream diversions; however, obtaining PCWA treated water supply is constrained by the 2-3 MGD interties between the agencies. MWH will take the ideas and add them into the chart and provide more information at the next meeting.

The committee discussed the preliminary evaluation criteria and metrics. Director Walters suggested that the Public Information Committee get involved at some point. Mr. Durkin commented that MWH will identify what public outreach would be required for each option. Ms. Nishikawa explained that MWH will provide recommendations regarding the options at the April committee meeting based on screening criteria. She commented that MWH will work with staff to weight the criteria prior to proving the recommendations.

Mr. Durkin informed MWH that the Board had concerns regarding a potential conflict of interest with an employee of MWH, who is Sacramento Suburban Water District's Director Neil Schild. Mr. Durkin read MWH's statement on the potential conflict of interest which was provided in their proposal. Ms. Nishikawa agreed that an email will be sent to Mr. Durkin verifying that Mr. Schild will not work in any capacity on this project – a copy of that email will be filed with the consultant agreement.

*For information only; no action requested.*

## **2. Groundwater Reimbursement (W)**

Mr. Durkin reported that a meeting is being scheduled for the WCAs to discuss the groundwater reimbursement issue, as some WCAs are in disagreement with the proposed reimbursement analysis. He explained that the Board requested that two options be looked at:

Option A – SJWD-W pays for water supply then allocates costs via the water rate process for all WCAs. Then further discussion would continue on the costs incurred during 2009-2013 for maintenance pumping/readiness to serve.

Option B – SJWD-W pays for everything over a five year period then increase wholesale rates accordingly to cover the cost of the benefit to all five agencies.

In response to Director Walters' concern regarding timeline, Mr. Durkin explained that the GMs will meet to discuss the options, and then it will be brought back to the committee. In addition, Mr. Durkin will address the need to put a deadline on making a final decision.

*For information only; no action requested.*

### **3. Other Matters**

Mr. Durkin informed the committee that staff has been working with the developer of the Greyhawk II subdivision off Sierra College Boulevard. The developer was required to install a new water main pipeline and provide an easement within the development to replace an existing pipeline that will be abandoned. The easement associated with the old pipeline can now also be abandoned.

*The Water Supply and Reliability Committee recommends consideration of a motion to approve a Quitclaim Deed to abandon the 2006 water line easement within the Greyhawk II development.*

Director Rich commented that he recently received an email regarding Greyhawk and that they have requested a change in land use for one of their developments. He voiced concern that the new pipeline might not be large enough if the developer is changing to multi-family units. Mr. Durkin will research this information and report back to Director Rich.

#### **3.1 Next Meeting Date**

The next committee meeting will be scheduled as needed in March.

### **4. Public Comment**

There were no public comments.

The meeting adjourned at 9:52 am.

**SAN JUAN WATER DISTRICT**  
**Wholesale Water Management and Reliability Study**  
**Kickoff Meeting**

Tuesday, Feb 2, 2016, 8:00-10:00 am

**Agenda**

TIME	ITEM	
8:00am	1. Introductions	
8:10	2. Confirm Study Purpose, Goals, Objectives, & Planning Constraints	
8:30	3. Confirm Roles and Responsibilities	
8:40	4. Confirm Process, Schedule, & Milestones	
8:50	5. Brainstorm/Update Water Management Options	
9:30	6. Discuss Screening Methodology and Screening Criteria	
9:45	7. Action Items/Next Steps	
10:00	8. Adjourn	

**SAN JUAN WATER DISTRICT**  
**Wholesale Water Management and Reliability Study**

### Purpose and Scope:

Develop a short, prioritize list of water management options to improve water supply reliability, and develop a scope for the next phase of the feasibility study.

### Study Goal:

Improve management of surface water and groundwater resources within its wholesale service area, and potentially outside its current service area, through collaboration, consolidations, or other actions improve its water supply reliability.

### Objectives:

- I. Perfect the beneficial use of San Juan Water District's water rights, contractual entitlements, and facilities
- II. Increase water supply reliability to SJWD retail customers and Wholesale Customer Agencies during dry years by integrating surface water and groundwater storage
- III. Provide long-term financial benefits to our ratepayers, and provide regional and statewide benefits

### Planning Constraints

- Maintain consistency with new and emerging regulations, such as the Sustainable Groundwater Management Act.
- Maximize potential financial assistance for implementation.
- Consider the full range of options within district maximum allowable authority.
- Maintain and improve current water supply reliability to Wholesale Customer Agencies.

## SJWD Wholesale Water Management and Reliability Study Roles and Responsibilities

	Responsible	Accountable	Consulted	Informed	
GROUP	R	A	C	I	ANTICIPATED ACTIVITIES
District Staff	X	X			<ul style="list-style-type: none"> <li>* Review Study progress (technical, schedule, budget, etc.)</li> <li>* Address review comments</li> <li>* Resolve issues</li> <li>* Prepare for upcoming meetings</li> <li>* Provide direction to Consultant</li> </ul>
Water Supply & Reliability Committee			X		<ul style="list-style-type: none"> <li>* Review Study progress</li> <li>* Provide input (review comments, study direction, etc.)</li> <li>* Participate in Study exercises</li> <li>* Preview upcoming activities</li> </ul>
District Board		X		X	<ul style="list-style-type: none"> <li>* Become informed on Study progress</li> <li>* Provide input (review comments, study direction, larger policy issues, etc.)</li> <li>* Preview upcoming activities</li> <li>* Receive Final Report</li> <li>* Act on next steps/recommendations</li> </ul>
Wholesale Customer Agencies				X	<ul style="list-style-type: none"> <li>* Become informed on Study progress</li> <li>* Provide input (review comments, etc.)</li> <li>* Preview upcoming activities</li> </ul>
MWH	X	X			<ul style="list-style-type: none"> <li>* Conduct Study based scope of work and on direction provided by District staff</li> <li>* Develop meeting materials and conduct meetings</li> <li>* Present issues to be resolved to District staff as well as items requiring input from Water Supply &amp; Reliability Committee and/or District Board</li> </ul>

R = Responsibility describes where the work is done, who is responsible for carrying out a task.

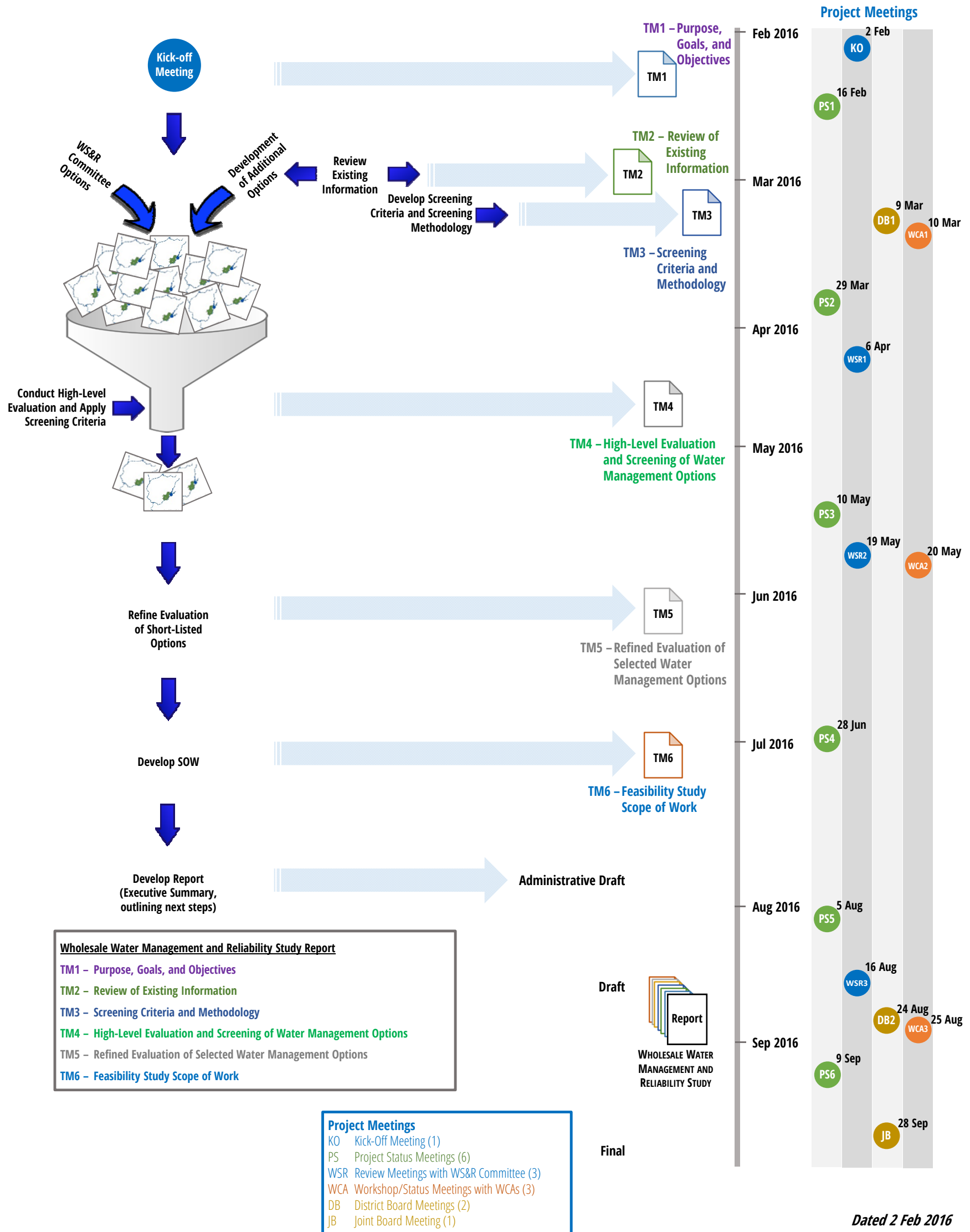
A = Accountability describes where the buck stops, who is held accountable.

C = Consulted are the critical people who need to contribute prior to completing the activity.

I = Informed indicates that it is less critical for this person to be involved but they need to be updated and informed about the outcome of the activity.



# Processes to Develop Wholesale Water Management and Reliability Study

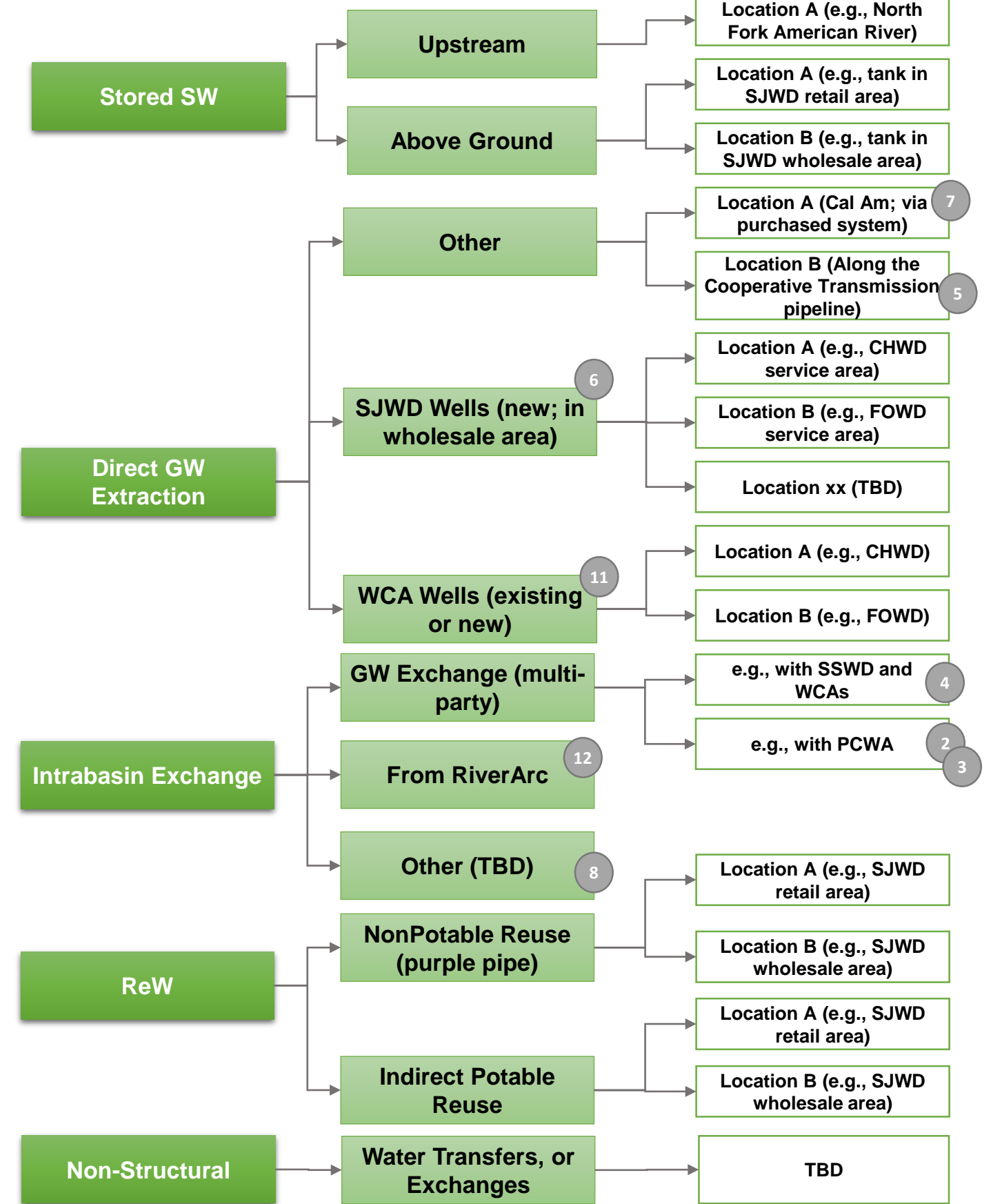
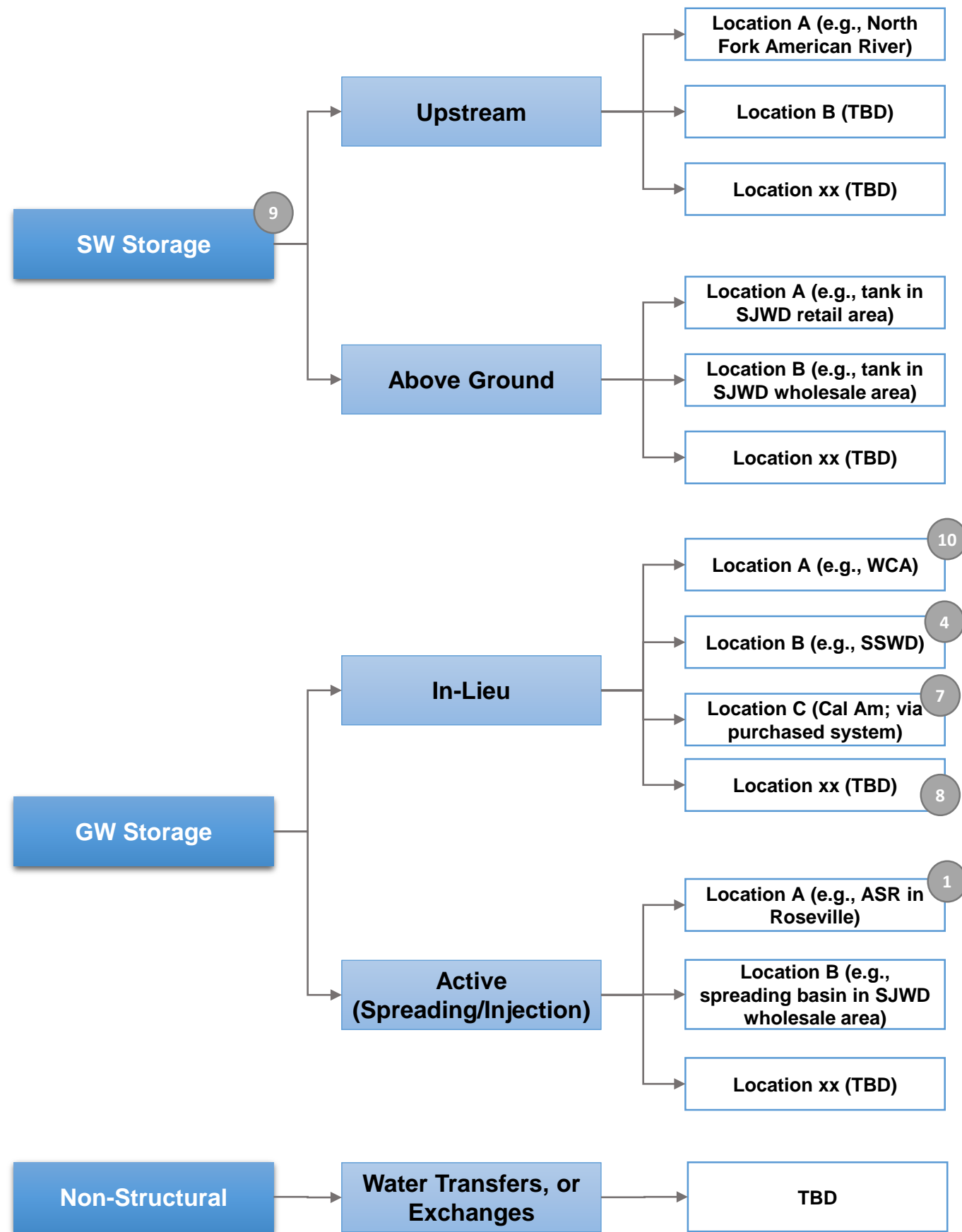


## Options for better water management of groundwater and surface water identified by the SJWD WS&R Committee

	OPTION	PROS	CONS
1	Work with Roseville to use existing ASR wells	Reduced capital costs; already permitted; facilities installed; CVP contractor so possible use of CVP water	Limited ability to provide dry year water to SJWD; agmt could be terminated in future; requires cooperation and agreements of more than one agency
2	Work with PCWA to coordinate gw and sw	West Placer an opportunity; possibility to have access to sw above Folsom; CVP contractor so possible use of CVP water	Agmt could be terminated in future; requires cooperation and agreements of more than one agency
3	Work with PCWA on treatment plant capacities; ours and theirs	Possible access to sw above Folsom; more use of SJWD WTP during wet years	Does not provide dry year reliability; may only be short-term solution
4	Work with SSWD and other GW agencies	Possible ability to manage gw and sw	Same restrictions as SSWD wo merger
5	Install gw wells along Cooperative Transmission Pipeline	Control of gw and sw by one agency; efficient transmission of water	May not be gw along route; WCA may have concerns
6	Install gw wells in SJWD boundaries (wholesale area)	Control of gw and sw by one agency; likely adequate gw	WCAs may have concerns; transmission pipelines could be costly
7	Purchase Cal AM Citrus Heights service area	Could provide same benefits as a merger	Cost to purchase system likely very high so Cal Am customer water rates would increase
8	Consolidate/merge with another agency	Could provide same benefits as a SSWD merger	Have not identified willing partner
9	Develop additional sw storage	Could provide sw storage under SJWD control;	Good location could be hard to find; would have environmental responsibilities
10	Work with WCAs on conjunctive use	Within existing wholesale service area;	Would require agreements and cooperation; agreements could be terminated; would require sw injection as in lieu not an option
11	Purchase groundwater wells from WCAs to manage both surface and groundwater	Would allow management of ALL surface and groundwater within wholesale service area for optimal use of each water source	WCAs may not be interested ; unsure of condition of gw wells and possible cost of rehabilitation and treatment requirements for continuous use
12	Sacramento River Regional Water Supply Reliability Project	Access to sw during dry years when Folsom Reservoir supplies at risk.	Requires significant regional partnership. Total project cost of \$1.28. Requires modified or new CVP agreement. Limited to small quantity, dry year supply .
13	Maintain Status Quo	Would not require any additional efforts; would avoid any disagreements related to SJWD obtaining gw production facilities	Significantly limits, if not removes, ability to optimally manage conjunctively gw and sw; does not meet SJWD reliability goals.

## Potential Wet-Year Storage Options

## Potential Supply Reliability Augmentation Options



**Notes:**

- Meant as an example of how to array potential storage options and supply options – would need to be fleshed out to add all 13 from RFP as well as others from MWH Team

- Not necessarily a 1-to-1 for storage and supply (e.g., could storage in one way and have more than one option for supply to increase reliability)

# Options identified by the SJWD WS&R Committee.

**SAN JUAN WATER DISTRICT**  
**Wholesale Water Management and Reliability Study**

### Preliminary Evaluation Criteria and Metrics

To support evaluation, comparison, and prioritization of identified water management options the following four evaluation criteria and associated metrics will be used:

1. Cost-effectiveness
  2. Contribution to objectives
  3. Implementation complexity
  4. Uncertainty
1. **Cost-Effectiveness** – Quantitatively measures the cost-effectiveness of project water supply benefits (yield) relative to its costs at a conceptual or pre-appraisal level. Project performance and cost are summarized as the ratio of annualized total cost of the project divided by yield.
  2. **Contribution to Objectives** – Qualitatively assess contribution to each of the study objectives and constraints (rated high, moderate, or low)
  3. **Implementation Complexity** – Qualitatively assesses how likely a project implementation will occur within a reasonable timeframe to achieve its potential benefits relative to the following seven implementation factors (rated high, moderate, or low):
    - a. Environmental compliance requirements
    - b. Permitting requirements & approvals
    - c. Water right/contracts requirements
    - d. Institutional arrangements & coordination
    - e. Land acquisitions
    - f. Public acceptance & support
    - g. Schedule
  4. **Uncertainty**– Qualitatively assesses level of confidence in the definition of water options with respect to the following two areas (rated high, moderate, or low):
    - a. Costs
    - b. Yield and reliability

### Options Ranking

For the qualitative metrics, scores will be developed based on each project’s assigned assessment value. The cost effectiveness will be normalized to a standard range (1 to 3) to be consistent with the other qualitative scores. The individual metric scores are then weighted to develop a weighted score using the criteria and metric relative weights. The weighted score reflects the relative importance of the four evaluation criteria and their associated metrics. This overall score will be used to rank and prioritize the projects relative to one another.

Recording Requested By, And When Recorded,  
Please Mail This Instrument To:

**San Juan Water District  
Attn: General Manager  
P.O. Box 2157  
Granite Bay, CA 95746**

- This Space For Recorder's Use Only -

## QUITCLAIM DEED

Assessor's Parcel No.:

FOR VALUABLE CONSIDERATION, receipt of which is hereby acknowledged, SAN JUAN WATER DISTRICT, a California public agency, Grantor, hereby quitclaims to Standard Pacific Corp., a Delaware corporation, Grantee, all of its right, title, and interest in that certain real property located in Placer County, and more particularly described in the attached Exhibit "A" and incorporated in full herein by this reference.

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 2016.

SAN JUAN WATER DISTRICT

By: \_\_\_\_\_  
Shauna Lorance, General Manager

### NOTARY ACKNOWLEDGEMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ }

On \_\_\_\_\_, 200\_, before me, \_\_\_\_\_ personally appeared \_\_\_\_\_ who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature: \_\_\_\_\_

[Notary Seal]

**EXHIBIT A  
TO QUIT CLAIM**

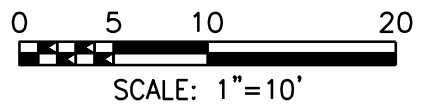
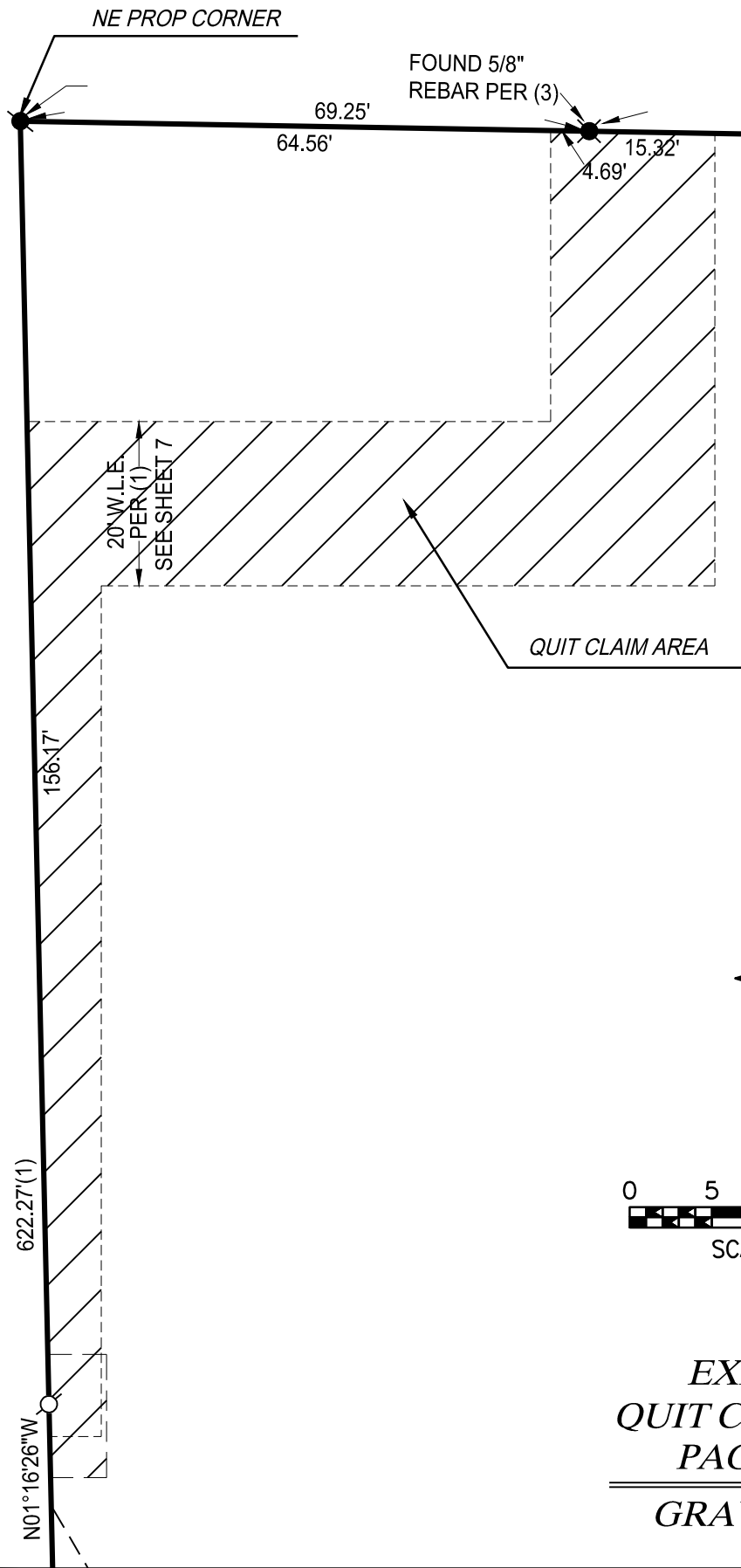
**LEGAL DESCRIPTION**

**Page 1 of 2**

REAL PROPERTY IN THE UNINCORPORATED AREA OF PLACER COUNTY, CALIFORNIA, WHICH IS DESCRIBED AS FOLLOWS:

ALL THAT PROPERTY WITHIN THE EXTERIOR BOUNDARY OF SHOWN ON GREYHAWK II SUBDIVISION TRACT 1015, RECORDED ON SEPTEMBER 16, 2014, BOOK CC OF MAPS, PAGE 98.

THE PURPOSE OF THIS QUITCLAIM DEED IS TO FOREVER EXTINGUISH ANY AND ALL RIGHTS GRANTED IN THAT GRANT OF EASEMENT RECORDED FEBRUARY 17, 2006 AS INSTRUMENT NO. 2006-0017486 OFFICIAL RECORD OF PLACER COUNTY AS TO ANY PORTION OF SAID EASEMENT THAT AFFECTS ANY AREA CONTAINED WITHIN THE BOUNDARY OF GREYHAWK II SUBDIVISION TRACT 1015 RECORDED IN BOOK CC OF MAPS PAGE 98.



*EXHIBIT A*  
*QUIT CLAIM AREA*  
*PAGE 2 OF 2*  


---

*GRAYHAWK II*

**Finance Committee Meeting Minutes**  
**San Juan Water District**  
**February 10, 2016**  
**4:00 p.m.**

**Committee Members:** Ted Costa, Director (Chair)  
Pam Tobin (Absent)

**District Staff:** Shauna Lorance, General Manager  
Donna Silva, Director of Finance  
Teri Hart, Board Secretary/Administrative Assistant

**Member of the Public:** Mitch Dion

**Topics:** Review and Pay Bills (W & R)  
Other Finance Matters  
Public Comment

**1. Review and Pay Bills (W & R)**

The committee reviewed the presented bills and claims. The committee specifically reviewed and authorized credit card charges and reimbursements for the General Manager. The reviewed bills and claims were found to be in order.

*Staff update: the total amount of bills and claims provided for approval for January payables is \$1,598,611.40.*

*Staff recommends a motion for consideration of approval of Resolution 16-02.*

**2. Other Finance Matters (W or R)**

In response to Director Costa, Ms. Silva informed the committee that she will be discussing the monthly reports at the workshop on government finance. Ms. Silva commented that the workshop is needed so that there is a shared understanding of government accounting so she can make the changes necessary to deliver meaningful financial information to the Board. In addition, she will be sharing her six month assessment of the Finance Department's operations.

Director Costa suggested that the District look into the San Juan Suburban Financing Corporation borrowing funds to buy the District's solar facility. Then those funds would be used to pay off the CalPERS unfunded liability. He explained that the financing corporation would then bill the District for the energy use in order to pay off a lower interest loan as compared to the higher interest rates of the unfunded liability. He commented that this is something to look into in the future and discuss with the Board.

Ms. Silva informed the committee that she has spoken with Dennis McGuire from the bond underwriting firm of Piper Jaffray and with Peter Miller and Brian Thomas from the Financial Advisory firm, PFM, regarding a potential refinancing of the



2009 bonds. While significant savings could be achieved by a refinancing, the savings will be greater with each passing year, assuming interest rates do not substantially increase. The Federal Open Market Committee (FOMC) expects that economic conditions will evolve in a manner that will warrant only gradual increases in the federal funds rate. Therefore, it is recommended that the District keep a watchful eye on interest rates and only commence a refunding if the outlook on interest rates changes.

*For information only; no action requested.*

**3. Public Comment**

There were no public comments.

The meeting was adjourned at 4:28 p.m.

**San Juan Water District**

**RESOLUTION 16-02  
PAYMENT OF BILLS AND CLAIMS**

WHEREAS, the Finance Committee of the Board of Directors has reviewed the bills and claims in the amount of \$1,598,611.40; and

WHEREAS, the Finance Committee of the Board of Directors has found the bills and claims to be in order.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the San Juan Water District as follows:

1. The bills and claims attached hereto totaling \$1,598,611.40 are hereby approved.
2. That the depository be and the same is hereby authorized to pay said bills and claims in the total sum of \$1,598,611.40 of the General Fund Account.

PASSED AND ADOPTED by the Board of Directors of the San Juan Water District on the 10th day of February 2016, by the following vote:

AYES:           DIRECTORS:  
NOES:           DIRECTORS:  
ABSENT:        DIRECTORS:

\_\_\_\_\_  
PAMELA TOBIN  
President, Board of Directors  
San Juan Water District

\_\_\_\_\_  
TERI GRANT  
Secretary, Board of Directors

**December 2015 Payment Register**

**Approved Paid in Advance:**

<u>Check Date:</u>	<u>Vendor:</u>			<u>Amount:</u>
11/30/2015	Payroll			452,833.77
12/4/2015	Western Area Power Admin - Restoration Fund	EFT	404365	2,135.76
11/30/2015	State Water Resources Control Board - Annual Permit Fee	CK	49405	2,037.00
12/4/2015	Galic Disbursing Company - Payroll	CK	49406	400.00
11/25/2015	CalPERS - Long Term Care	CK	49403	167.39
11/25/2015	JPIA / ACWA - Employee Assistance Program	CK	49404	113.85
<b>Total Approved Paid in Advance</b>				<b>457,687.77</b>

**Approved Checks:**

\*\* Checks cut from approved Open Payable List and Approved Pending Payables. - See Attached Check Register

<b>Total Check Register</b>	<b>890,005.64</b>
-----------------------------	-------------------

**Approved Pending Payables:**

<u>Invoice No.:</u>	<u>Vendor - Description:</u>	<u>Invoice Amount</u>	<u>Vendor Total</u>
November Statement	US Bank - CalCards	7,744.49	7,744.49
November Invoice	PG&E - November Electric & Gas Services - Estimate	3,500.00	3,500.00
11897	Meyers Fozi - Employment Legal Services	925.00	925.00
60736	Wienhoff - Drug Testing	840.00	840.00
9756430585	Verizon - Cell Phone Services - Estimate	335.00	335.00
221401	Tyler Business Forms	188.60	188.60
November Invoice	MCI - Long Distance	95.46	95.46

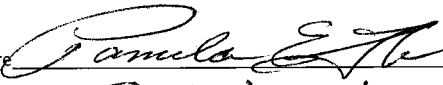
<b>Total Approved Pending Payables</b>	<b>13,628.55</b>
--	------------------

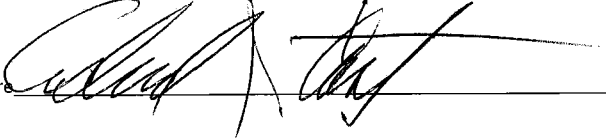
<b>REPORTED TO FINANCE COMMITTEE AS PAID AND PAYABLE</b>	<b>1,361,321.96</b>
--	---------------------

**Adjustments:**

<b>TOTAL PAID AND PAYABLE</b>	<b>1,361,321.96</b>
-------------------------------	---------------------

Regular Checks	716,841.61
EFT's	173,164.03
<b>TOTAL PAID</b>	<b>890,005.64</b>

Signature 

Signature 



By Check Number

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
<b>Bank Code: APBNK-APBNK</b>						
01004	2540 Partners LLC	12/09/2015	Regular	0.00	66.96	49407
03091	Ace Hardware - Auburn Folsom Act	12/09/2015	Regular	0.00	360.03	49408
01026	Ace Hardware - Greenback	12/09/2015	Regular	0.00	20.68	49409
01039	AFLAC	12/09/2015	Regular	0.00	1,135.70	49410
01041	Afman Supply - Todd	12/09/2015	Regular	0.00	59.73	49411
03285	Agheli, Asghar	12/09/2015	Regular	0.00	210.84	49412
01068	ALPHA DES - Glenn Walker	12/09/2015	Regular	0.00	968.00	49413
01581	Altara	12/09/2015	Regular	0.00	1,275.00	49414
01073	Amarjeet Singh Garcha	12/09/2015	Regular	0.00	1,830.00	49415
02463	AnswerNet	12/09/2015	Regular	0.00	245.35	49416
01027	Association of California Water Ager	12/09/2015	Regular	0.00	14,359.72	49417
01138	AT&T	12/09/2015	Regular	0.00	61.51	49418
01182	BARTKIEWICZ,KRONICK & SHANAHA	12/09/2015	Regular	0.00	11,403.02	49419
03301	Bjorklund, Patricia	12/09/2015	Regular	0.00	38.90	49420
01219	Borges & Mahoney Company	12/09/2015	Regular	0.00	347.49	49421
01250	C & D Contractors, Inc.	12/09/2015	Regular	0.00	275,033.79	49422
03299	California Cut & Core, Inc	12/09/2015	Regular	0.00	590.00	49423
01363	CINTAS CORPORATION NO.2	12/09/2015	Regular	0.00	1,040.00	49424
01368	Citrus Heights Water District	12/09/2015	Regular	0.00	1,127.75	49425
01372	CITY OF FOLSOM	12/09/2015	Regular	0.00	31.36	49426
01411	Consolidated Communications	12/09/2015	Regular	0.00	1,598.35	49427
01423	COUNTY OF SACRAMENTO	12/09/2015	Regular	0.00	265.20	49428
01472	DAWSON OIL CO	12/09/2015	Regular	0.00	3,446.07	49429
01505	Department Of Consumer Affairs	12/09/2015	Regular	0.00	115.00	49430
01505	DMV Renewal	12/09/2015	Regular	0.00	25.00	49431
01509	Domenichelli & Associates Inc	12/09/2015	Regular	0.00	1,660.00	49432
03302	Dwyer, Rick	12/09/2015	Regular	0.00	52.80	49433
01588	EUREKA UNION SCHOOL DISTRICT	12/09/2015	Regular	0.00	180.00	49434
01630	FM GRAPHICS, INC.	12/09/2015	Regular	0.00	784.53	49435
01634	FOLSOM LAKE FORD	12/09/2015	Regular	0.00	1,371.19	49436
03089	Fulton, Jonathan	12/09/2015	Regular	0.00	9.62	49437
01659	GARY WEBB TRUCKING	12/09/2015	Regular	0.00	115.50	49438
03237	GM Construction & Developers, Inc	12/09/2015	Regular	0.00	13,193.60	49439
01681	Golden State Flow Measurements	12/09/2015	Regular	0.00	393.16	49440
01687	Grainger, Inc.	12/09/2015	Regular	0.00	3,452.95	49441
	**Void**	12/09/2015	Regular	0.00	0.00	49442
01733	Harris Welding Inc	12/09/2015	Regular	0.00	24.71	49443
01736	Hasler/MailFinance/Neopost	12/09/2015	Regular	0.00	486.00	49444
01741	HDR Engineering, Inc	12/09/2015	Regular	0.00	11,439.93	49445
01763	Holt of California	12/09/2015	Regular	0.00	7,352.22	49446
01890	JOHNSON PETROLEUM CONST. INC.	12/09/2015	Regular	0.00	4,400.00	49447
01895	Joseph G Pollard Co, Inc	12/09/2015	Regular	0.00	118.25	49448
02027	MCMMASTER-CARR SUPPLY COMPAN	12/09/2015	Regular	0.00	138.85	49449
02131	Office Depot Business Serv Div	12/09/2015	Regular	0.00	1,859.00	49450
	**Void**	12/09/2015	Regular	0.00	0.00	49451
	**Void**	12/09/2015	Regular	0.00	0.00	49452
02150	Pace Supply Corp	12/09/2015	Regular	0.00	4,306.99	49453
03303	Paulson, Rachael	12/09/2015	Regular	0.00	32.42	49454
03026	PFM Asset Management	12/09/2015	Regular	0.00	901.19	49455
02146	PG&E	12/09/2015	Regular	0.00	10.00	49456
02223	Platt - Rancho cordova	12/09/2015	Regular	0.00	8.82	49457
02221	Radwell International Inc	12/09/2015	Regular	0.00	709.92	49458
02221	Regional Water Authority	12/09/2015	Regular	0.00	440.00	49459
02292	REXEL INC	12/09/2015	Regular	0.00	3,238.98	49460

Check Register

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
02293	RFI Enterprises, Inc	12/09/2015	Regular	0.00	44.00	49461
02214	Robert Half International, Inc	12/09/2015	Regular	0.00	6,283.36	49462
C	ROCKLIN WINDUSTRIAL CO	12/09/2015	Regular	0.00	1,184.67	49463
02335	ROSEVILLE CHAMBER OF COMMERC	12/09/2015	Regular	0.00	955.00	49464
02395	SAFETY KLEEN SYSTEMS INC.	12/09/2015	Regular	0.00	305.61	49465
02446	Sierra Chemical Co	12/09/2015	Regular	0.00	3,664.57	49466
02452	Sierra National Asphalt	12/09/2015	Regular	0.00	4,110.00	49467
02357	SMUD	12/09/2015	Regular	0.00	10,473.48	49468
02544	SYBLON REID	12/09/2015	Regular	0.00	172,813.10	49469
02580	The Eidam Corporation	12/09/2015	Regular	0.00	45,971.02	49470
02624	TRACE ANALYTICS LLC	12/09/2015	Regular	0.00	607.20	49471
02638	Tyler Technologies Inc	12/09/2015	Regular	0.00	4,750.00	49472
03304	Tyson, Steven	12/09/2015	Regular	0.00	375.00	49473
02651	United Parcel Service - UPS	12/09/2015	Regular	0.00	144.14	49474
03298	United Rentals (North America), Inc	12/09/2015	Regular	0.00	555.81	49475
02674	Utility Services Associates	12/09/2015	Regular	0.00	2,654.00	49476
03284	Vavrinek, Trine, Day & Co, LLP	12/09/2015	Regular	0.00	7,846.00	49477
02700	Viking Shred, LLC	12/09/2015	Regular	0.00	155.00	49478
02716	WATER EDUCATION FOUNDATION	12/09/2015	Regular	0.00	7,600.00	49479
02740	West Valley Construction Company	12/09/2015	Regular	0.00	71,328.94	49480
02741	WHITE CAP	12/09/2015	Regular	0.00	333.19	49481
02766	Youngdahl Consulting Group Inc	12/09/2015	Regular	0.00	2,266.00	49482
03305	Yu, Samuel	12/09/2015	Regular	0.00	85.44	49483
01048	Airgas Inc	12/09/2015	EFT	0.00	315.95	404366
01081	American Messaging	12/09/2015	EFT	0.00	14.05	404367
03221	Chemtrade Chemicals Corporation	12/09/2015	EFT	0.00	4,302.76	404368
01486	Department of Energy	12/09/2015	EFT	0.00	3,849.50	404369
01521	DP2 BILLING SOLUTIONS LLC	12/09/2015	EFT	0.00	9,910.78	404370
01589	Eurofins Eaton Analytical, Inc	12/09/2015	EFT	0.00	2,204.00	404371
01611	Ferguson Enterprises, Inc	12/09/2015	EFT	0.00	40.58	404372
0	HACH COMPANY	12/09/2015	EFT	0.00	1,107.35	404373
01000	J. Richard Eichman, CPA	12/09/2015	EFT	0.00	238.50	404374
01917	KENNEDY/JENKS CONSULTANTS	12/09/2015	EFT	0.00	146,775.21	404375
02432	Lorance, Shauna	12/09/2015	EFT	0.00	252.12	404376
02187	Performance Piping, Inc	12/09/2015	EFT	0.00	132.60	404377
03180	SAC ICE LLC	12/09/2015	EFT	0.00	296.13	404378
03220	Solenis LLP	12/09/2015	EFT	0.00	3,676.50	404379
02710	Wageworks, Inc	12/09/2015	EFT	0.00	48.00	404380

Bank Code APBNK Summary

Payment Type	Payable Count	Payment Count	Discount	Payment
Regular Checks	152	74	0.00	716,841.61
Manual Checks	0	0	0.00	0.00
Voided Checks	0	3	0.00	0.00
Bank Drafts	0	0	0.00	0.00
EFT's	29	15	0.00	173,164.03
	<b>181</b>	<b>92</b>	<b>0.00</b>	<b>890,005.64</b>

### Fund Summary

Fund	Name	Period	Amount
999	INTERCOMPANY	12/2015	890,005.64
			<b>890,005.64</b>