



PO Box 675 • 61750 Chollita Road • Joshua Tree CA 92252
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JOSHUA BASIN WATER DISTRICT
REGULAR MEETING OF THE BOARD OF DIRECTORS
WEDNESDAY MARCH 18, 2015 7:00 PM
61750 CHOLLITA ROAD, JOSHUA TREE, CALIFORNIA 92252
AGENDA

1. CALL TO ORDER
2. PLEDGE OF ALLEGIANCE
3. DETERMINATION OF QUORUM

4. APPROVAL OF AGENDA

5. PUBLIC COMMENTS:

This public comment portion of this agenda provides an opportunity for the public to address the Board of Directors on items not listed on the agenda that *are of interest to the public at large* and are within the subject matter jurisdiction of this Board. The Board of Directors is prohibited by law from taking action on matters discussed that are not on the agenda, and no adverse conclusions should be drawn if the Board does not respond to public comments at this time. Comments that concern individual customer accounts are welcome, however we encourage doing so only after other administrative avenues for redress have been fully exhausted. In all cases, your concerns will be referred to the General Manager for review and a timely response.

Comments are to be limited to three minutes per speaker and shall not exceed a total of 20 minutes. All comments are to be directed to the Board of Directors and shall not consist of any personal attacks. Members of the public are expected to maintain a professional, courteous decorum during their comments. Public input may be offered on an agenda item when the item comes up for discussion and/or action. Members of the public who wish to speak shall proceed to the podium when called by the President of the Board. Please state your name and community of residence for the record.

6. CONSENT CALENDAR: Items on the Consent Calendar are considered routine in nature and will be adopted in total by one action of the Board of Directors unless any Board Member or any individual or organization interested in one or more consent calendar items wishes to be heard.

- A. Approve Draft Minutes of the March 4, 2015 Regular Meeting of the Board of Directors

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7. REVIEW AND APPROVAL OF WILL SERVE LETTER –ALTAMIRA PROJECT

Recommend that the Board review history of former will serve letters, receive report on project from Altamira representative and direct staff on approval of will serve letter.

Pg. 5-12

Pg. 13-23

8. AN OVERVIEW OF JBWD FEES AND RATES
Recommend that the Board receive the first of two presentations on existing fees and rates.

Pg. 24

9. UPDATE ON CHROMIUM 6 PROJECT
Recommend that the Board receive an update on plans for addressing chromium 6 regulations.
10. STANDING:
A. PUBLIC INFORMATION COMMITTEE: Vice President Luckman and Director Unger:
Kathleen Radnich, Public Outreach Consultant to report.
B. FINANCE COMMITTEE: President Fuller and Director Johnson
11. PUBLIC COMMENT
At this time, any member of the public may address the Board on matters within the Board's jurisdiction that are not listed on the agenda. Please use the podium microphone. The Board may not discuss at length or take action on items not on the agenda.
12. DISTRICT GENERAL COUNSEL REPORT
13. GENERAL MANAGER REPORT
14. FUTURE DIRECTOR MEETINGS AND TRAINING OPPORTUNITIES
Technical Advisory Committee - April 02, 2015
15. INDIVIDUAL DIRECTOR REPORTS ON MEETINGS ATTENDED
16. DIRECTORS COMMENTS/REPORTS
17. FUTURE AGENDA ITEMS
18. ADJOURNMENT

INFORMATION

The public is invited to comment on any item on the agenda during discussion of that item.

Any person with a disability who requires accommodation in order to participate in this meeting should telephone Joshua Basin Water District at (760) 366-8438, at least 48 hours prior to the meeting in order to make a request for a disability-related modification or accommodation.

Materials related to an item on this Agenda submitted to the Board of Directors after distribution of the agenda packet are available for public inspection in the District's office located at 61750 Chollita Road, Joshua Tree, California 92252 during normal business hours.

This meeting is scheduled to be broadcast on Time Warner Cable Channel 10 on March 25 at 7:00 pm and April 1 at 7:00 pm. DVD recordings of Joshua Basin Water District Board meetings are available at the District office and at the Joshua Tree Library

JOSHUA BASIN WATER DISTRICT
Minutes of the
REGULAR MEETING OF THE BOARD OF DIRECTORS

March 4, 2015

1. CALL TO ORDER: 7:00 PM

2. PLEDGE OF ALLEGIANCE

3. DETERMINATION OF QUORUM:

Victoria Fuller	Present
Bob Johnson	Present
Mickey Luckman	Present
Mike Reynolds	Present
Rebecca Unger	Present

STAFF PRESENT:

Curt Sauer, General Manager
Susan Greer, Assistant General Manager/Controller
Keith Faul, GIS Coordinator

CONSULTANTS PRESENT:

Gil Granito, District Counsel, Redwine & Sherrill
Kathleen Radnich, Public Outreach Consultant

GUESTS 9

4. APPROVAL OF AGENDA

MSC Luckman/Reynolds 5/0 to approve the agenda for the March 4, 2015 meeting.

Fuller	Aye
Johnson	Aye
Luckman	Aye
Reynolds	Aye
Unger	Aye

5. PUBLIC COMMENTS:

Tom O'Key of Joshua Tree commented on an email he received from NASA about the serious drought in the Western United States.

David Fick of Joshua Tree commented about the County and Joshua Basin Water District. He mentioned the solar project and other projects and the difficulty of obtaining documents and information from San Bernardino.

6. CONSENT CALENDAR

MSC Luckman/Johnson, 5/0 to approve Draft Minutes of the February 4, 2015 Regular Meeting of the Board of Directors and Check Audit Report for January 2015

Fuller	Aye
Johnson	Aye
Luckman	Aye
Reynolds	Aye
Unger	Aye

7. COMPENSATION FOR THE MANAGEMENT SUPERVISORY AND CONFIDENTIAL (MSC) EMPLOYEES OF THE DISTRICT. ACTION RELATIVE TO RESOLUTION 12-900.

General Manager Sauer referred to the past Resolution 12-900. No actions have been taken on this resolution for two years. 1) GM Sauer recommended that the existing salary ranges for the MSC employees be adjusted by 3.2%, an SSI reflection of 1.5% for 2014 and an SSI of 1.7% for 2015. 2) GM Sauer also recommended that the Board consider a one-time retroactive payment to MSC employees equal to 1.5% of 2014 SSI. 3) GM Sauer recommended that the Board agree to increase to \$1,000 a month for Cafeteria Plan in September 2015 for MSC employees, which is the same as the General Unit employees. GM Sauer further recommended that the Board, through the Finance Committee begin a district wide review for healthcare for all employees. 4) GM Sauer recommended that the Board table the request for Life Insurance discussions to 2016. 5) GM recommended that the Long Term Disability discussion be deferred to 2016. 6) Regarding the 457 Program, GM Sauer recommended that the Board establish a matching program for MSC employees with a cap of \$450 which is the same as the General Unit employees.

Director Reynolds voiced concerns about the increases. Director Reynolds understands about the items that were already delegated and voted for. President Fuller explained that the Finance Committee goes over the compensation package in detail. President Fuller also explained the Cafeteria Plan and the 457 Program and her support.

Fred Klintworth of Joshua Tree agrees on the increases on the items already budgeted. However, Fred had concerns about the ratepayers using less water and the budget and where is the money coming from for the other items.

Vice President Luckman voiced her one concern about the Cafeteria Plan and the money received is for buying insurance and people not buying insurance get free money. She feels that in the future this should be addressed. GM Sauer agrees and said it will be thoroughly discussed with the Finance Committee.

MSC Luckman/Fuller, (4/1) approves that the compensation for the MSC of the District action relevant to Resolution 12-900.

Fuller	Aye
Johnson	Aye
Luckman	Aye
Reynolds	No
Unger	Aye

8. SELECTION OF A CONSULTANT TO CONDUCT COMPENSATION STUDY FOR GENERAL UNIT AND MSC EMPLOYEES

GM Sauer explained that bids were received from three companies and recommends Koff and Associates to conduct the compensation study for General Unit and MSC Employees.

MSC Johnson/Luckman (5/0) recommends that the Board direct the General Manager to enter into a contract with Koff and Associates to conduct compensation study for General Unit and MSC employees.

Fuller	Aye
Johnson	Aye
Luckman	Aye
Reynolds	Aye
Unger	Aye

9. ADOPT RESOLUTION 15-947 INCREASING METER INSTALLATION FEES

Director Reynolds stated that we are in a position to cut back. President Fuller and Director Luckman support the increasing costs. Director Reynolds, Fred Klintworth, David Ficke, Richard Fountain and Tom O'Key had a discussion regarding the various fees.

MSC Luckman/Unger (4/1) adopts Resolution 15-947 increasing meter installation fees.

Fuller	Aye
Johnson	Aye
Luckman	Aye
Reynolds	No
Unger	Aye

10. SAN BERNARDINO COUNTY PROJECT PLANNING NOTICE – NextEra Solar
- GM Sauer recommends that the Board direct the General Manager to review proposed comments from Staff and on these or other items for inclusion in our response.
- GM Sauer gave a presentation regarding the NextEra Project. Director Unger, Director Johnson, and Director Reynolds talked about concerns about the water and issues to address. Gil added his suggestions about water verification reports. David Ficke, Tom O’Key, Richard Fountain, Mark Lundquest commented their concerns about the project.
- MSC Unger/Luckman recommends that the Board review proposed comments from Staff and direct the General Manager on these or other items for inclusion in our response and to include a water availability study of independent consulting firm.
- | | |
|----------|-----|
| Fuller | Aye |
| Johnson | Aye |
| Luckman | Aye |
| Reynolds | Aye |
| Unger | Aye |
11. STANDING COMMITTEES
- A. PUBLIC INFORMATION COMMITTEE: Kathleen Radnich gave report. On Sunday, March 29th is the Water Education Day. The Farmer’s Market will be back.
- B. FINANCE COMMITTEE: Director Johnson and President Fuller gave the Finance Committee report and meeting discussions. Director Johnson and President Fuller thanked the staff for their diligence in presenting the figures.
12. PUBLIC COMMENT
- David Fick and Tom O’Key gave general comments about the District and community. President Fuller gave appreciation for everyone attending tonight’s meeting.
13. DISTRICT COUNSEL REPORT
- General Counsel Granito gave report.
14. GENERAL MANAGER REPORT
- General Manager gave report regarding Cross Connections and survey. The COO recruitment has been advertised in four publications and online. As of today, we have one applicant. Regarding Chromium 6, have met with Bureau of Reclamation personnel at a conference. It appears likely that the Bureau of Reclamation is going to fund \$100,000 for their engineers to do research at JBWD so that we can gather information and share with MWA with other districts. Yesterday staff and I met with Mike Metts of Dudek with BESST Technologies to discuss hydro profiling pilot project for Well 14.
15. DIRECTOR MEETINGS AND TRAINING OPPORTUNITIES
- MWA Board Meeting on March 12, 2015 will be attended by Director Unger
 Morongo Basin Pipeline Commission Meeting on March 11, 2015 will be attended by Vice President Luckman
 LAFCO meeting on March 18, 2015 will be attended by Vice President Luckman
16. INDIVIDUAL DIRECTOR REPORTS ON MEETINGS ATTENDED
- Director Unger and Vice President Luckman reported on MWA Board Meeting attended.
 Director Johnson and Director Reynolds thanked everyone for attended the meeting tonight. President Fuller gave report on local government meeting attended.

17. DIRECTORS COMMENTS/REPORTS

President Fuller indicated that this past week, General Manager Sauer completed his first year working at the District. His contract required a six month evaluation and on about March 5, an annual adjustment evaluation. The Board completed the six month evaluation on November 19. His annual evaluation has been completed with no addition salary adjustment. He received an outstanding rating and his salary was adjusted. Vice President Luckman commented on the amazing leadership and accomplishments this past year of General Manager Sauer.

18. FUTURE AGENDA ITEMS

Director Reynolds asked about Kaye Keene being on future agenda.
GM Sauer indicated that Alta Mira will serve letter will be on next agenda.

19. CLOSED SESSION – CONFERENCE WITH DISTRICT’S REAL PROPERTY NEGOTIATOR

Pursuant to Government Code Section 54956.8 to consult with the District's designated Negotiator (Curt Sauer, General Manager) regarding the terms and conditions concerning the potential acquisition of the following real property:

- Assessor Parcel No. 060638107 - (Scott E. McKone, Owner)
- Assessor Parcel No. 060621210 - (Corkett Living Trust, Owner)
- Assessor Parcel No. 060621209 - (Robert Ellis, Owner)

MSC Reynolds/Luckman/Johnson 5/0 Board to adjourn to Closed Session at 9:10 PM pursuant to item #19 on the agenda.

20. REPORT ON CLOSED SESSION

General Counsel reported that at approximately 9:10 PM the Board went into Closed Session pursuant to Government Code Section 54956.8 as reflected in item 19 of tonight's agenda, to consult with the District's designated Negotiator (Curt Sauer, General Manager) regarding the terms and conditions concerning the potential acquisition of the real property identified in the agenda. No further reportable action was taken. The Closes Session ended at approximately 9:50 PM.


Respectfully submitted:

Curt Sauer, General Manager and Board Secretary

JOSHUA BASIN WATER DISTRICT
MEETING AGENDA REPORT

Meeting of the Board of Directors

Report to: President and Members of the Board

Prepared by: Curt Sauer 

TOPIC: Review and Approval of Will Serve Letter –Altamira Project

RECOMMENDATION: Recommend that the Board review history of former Will Serve letters, receive report on project from Altamira representative and direct staff on approval of will serve letter.

ANALYSIS: The Altamira (YV-105) project was discussed at the October 3, 2007 Regular Meeting of the Joshua Basin Water District Board of Directors. It was recommended that the Board authorize staff to issue a conditional Will Serve letter for 267 residential homes. There was some discussion with the Board about the project. In the discussion with the Board, it was mentioned that the project would be required to have a wastewater package treatment facility on site and that this requirement be written into the conditional Will Serve letter. The Board voted 5/0 to authorize staff to issue the conditional Will Serve.

The conditional Will Serve was issued by staff in October 2007. On August 27, 2009, a letter received from Terra Nova stating comments from Project Planner at the County of San Bernardino Land Use Services Department. The comments made in the letter were about concerns about "...the current concerns over the availability of adequate water supply..." and the possible need for an EIR due to the possible effects of the package sewer treatment plant on the ground water.

On October 5, 2011 at the Regular Meeting of the Joshua Basin Water District Board of Directors, an extension of a Will Serve letter issued in 2007 to the Altamira project was discussed. It was recommended that the Board extend the Will Serve letter issued in 2007 for a 248 unit housing development along Sunny Vista and Alta Loma in the area of the Friendly Hills Elementary School. See attached Will Serve letter.

The details of the revised project were noted in the Board report:

The number of homes for the project had changed from 267 to 248 residential homes. It was stated that the project anticipated using 82.86 acre feet of water per year and the project was expected to be built over the next five to ten years.

In the discussion it was reported that the District issued a Will Serve letter in 2007 for a proposed 276 single-family home project; the applicants have been processing through the County since that time and are now requesting and updated Will Serve letter. It was mentioned that the Will Serve letter states only that water is available; when plans for development are submitted, any need for system improvements to deliver the water will be addressed.

John Christe, Development Planner from Terra Nova, was present and stated that the project has been reduced in the number of lots to be developed, and a drought tolerant plant palette will be used. GM Guzzetta stated that the District Engineer reviews system needs when the project plans are submitted to the District.

District Counsel Granito confirmed that the Will Serve letter states only that water is available; and cannot be refused to the customer if there is water.

MSC Long/Reynolds 3/2 to approve staff recommendation to extend the Will Serve letter issued in 2007 for a 248 unit housing development along Sunny Vista and Alta Loma in the area of Friendly Hills Elementary School. The conditional Will Serve letter was issued by staff in October of 2011. November 21, 2014 Letter sent to Ronald Schwartz. In the letter GM Sauer informed Mr. Schwartz that the project must meet all the current rules and regulations at the time of construction and also asked for a current set of plans and a deposit for the plan review. In the letter it was mentioned that there would need to be a water and waste water evaluation to determine any required facilities which would be needed. The letter also mentioned the need for a meeting of the Joshua Basin Water District and Altamira because the Board would need to approve the Will Serve letter.

December 11, 2014 - Meeting with Altamira Developer: This meeting was at JBWD offices. Management and the District Engineer Michael Metts were present.

December 17, 2014 - Mr. Christe submitted (to Michael Metts of Dudek):
2008 Memorandum prepared by Joseph Reichenberger, PE
Tentative Tract Map No. 18255
West Side Sewer Service Study Exhibit related to Tentative Track Map No. 18255
Other discussions by Email

December 19, 2014 - Michael Metts of Dudek submits the Developer-Provided Information Review. Attached.

STRATEGIC PLAN ITEM:

FISCAL IMPACT:

CONDITIONAL WILL SERVE LETTER -Wednesday, October 5, 2011

Terra Nova Planning & Research
Attn: John Criste
42635 Melanie Pl, #101
Palm Desert, CA 92211

Re: Domestic Water Service for 248 Residential Units Tentative Tract Map # 18255
to Property APN: 0601-211-09 & 0601-211-13 Known as ALTA MIRA

Dear Mr. Christ:

The purpose of this letter is to inform Terra Nova Planning & Research (the "Applicant") that currently there is an ample supply of potable water within the Joshua Basin Water District ("District") to serve the proposed project referenced above. This letter **does not guarantee** that there is a main line adjacent to the proposed project referenced above, which **is required** in order to obtain service. Water Service will be made available to the above referenced project subject to the following terms and conditions:

1. This Conditional Will Serve Letter shall expire one year from the date of this letter. Upon expiration, the Applicant must submit a new request for a new Conditional Will Serve Letter to the District for review and consideration.

2. The initiation of water service to the proposed project referenced above shall be contingent upon the "availability of water" pursuant to the prevailing regulations of the District in effect at the time that water service is scheduled to commence. In addition, the District shall not be responsible for conditions that are beyond the District's control such as acts of God, federal, state or county regulatory agency requirements or decisions, or legal actions initiated by others; and

3. The Applicant must comply with all of the rules, regulations and policies of the District as they presently exist and as they are amended from time to time including but not limited to the payment of all fees and charges.

4. Applicant shall construct and convey, at no cost to the District, domestic water facilities needed as determined by the District at its sole discretion to provide service to the proposed project referenced above in order to maintain the District's ability to meet water demands, storage and fire flow requirements.

Such facilities include but are not limited to storage reservoirs, pump stations, pipelines and pipeline extensions. All of the terms and conditions concerning said construction shall be the subject of a separate agreement. This Conditional Will Serve Letter is contingent upon the ability of the parties to agree on all such terms and conditions.

5. Applicant shall install a package sewer treatment plant and collection system or other waste water system as approved by the Regional Water Quality Control Board and Joshua Basin Water District.

6. Prior to construction or alteration to the District's existing facilities, Applicant shall prepare and submit to the District for approval, detailed construction plans showing proposed new facilities, extensions and modifications to the District's existing facilities.

7. Prior to the approval of construction plans by the District, Applicant shall pay to the District appropriate Plan Check and Inspection Fees as determined by the District's Engineer.

8. Depending on the circumstances and at the sole determination of the District, certain developments require that the District procure consulting engineering services to verify the ability of the existing water systems to meet the demands of proposed developments. The costs of such services shall be added to the plan check and inspection fees referenced in item 6 above, all of which are due and payable prior to the District's approval of construction plans.

9. Prior to the approval of construction plans, Applicant shall prepare and execute easements, rights of way, and any other instruments necessary in order to complete the dedication of facilities to the District. Said instruments shall be prepared subject to the District's approval and shall be prepared and executed at no cost to the District.

10. Applicant shall pay to the District appropriate Capacity Fees as determined by the District's General Manager. Depending on the circumstances, the District's regulations provide for the payment of certain charges by Applicant and said charges are subject to change. Receipt of all applicable charges are due and payable prior to the initiation of water service pursuant to this Conditional Will Serve Letter.

11. All rights, privileges, and conditions of this Conditional Will Serve Letter are made to Applicant and are not assignable or transferable to another person/entity or parcel. The District reserves the right to impose further requirements, which it deems appropriate.

12. This Conditional Will Serve Letter is a letter of intent only. There is no legally binding or enforceable contract between the parties pertaining to the subject matter of this letter, and statements of intent or understanding in this letter do not constitute an offer, acceptance or legally binding agreement and does not create any rights or obligations for or on the part of the parties pertaining to the subject matter of this letter.

Should you have any questions, please contact the undersigned.

Sincerely,

JOSHUA BASIN WATER DISTRICT

By: _____
Joseph Guzzetta, General Manager

ALTAMIRA DEVELOPMENT
Developer-Provided Information Review

D. Michael Metts, PE
December 19, 2014

Following our discussion with the Altamira Developer on December 11, 2014, Mr. Criste submitted the following information on December 17, 2014:

- 2008 Memorandum prepared by Joseph Reichenberger, PE
- Tentative Track Map No. 18255
- West Side Sewer Service Study Exhibit related to Tentative Tract Map No. 18255
- Other discussions by Email

The following discussions include comments associated with the provided information. As the project is being reviewed, the developer is required to provide a deposit with the District. Work associated with the Altamira Development Review is assigned the District Account Number of 378.

2008 Memorandum

The identified memorandum (memo) is prepared by Joe Reichenberger and submitted to Tom Levy Consulting. The identified subject of the memo is wastewater alternative for the subject development. The memo identifies three alternatives for evaluation, including individual on-site systems, clustered subsurface systems, and a package treatment plant with associated collection system and final disposal facilities. **It is noted that the District Wastewater Treatment Strategy (WTS) requires that the Altamira Development construct a package wastewater treatment plant and associated collection and disposal facilities.** Any other alternative is not consistent with the WTS, and is therefore irrelevant. As such, further review of the provided information will be limited to the WTS required facilities.

The projected wastewater flow for the Altamira Development is identified to be 66,750 gallons per day (gpd) at build out, with a peak flow rate of 200,250 gpd (PF=3). The proposed collection system design criteria identify a minimum 8-inch PVC sewer system, with a minimum depth of 7 feet and a minimum slope of 0.005 feet per foot. Six-inch house laterals are identified to be constructed to the property line (with no identified size from the property line to the actual conveyance sewer). The identified design criteria does not fully cover all necessary design elements of the project, and will therefore be required to be expended during design to meet District design requirements. Information regarding sewer lateral location, manhole type and spacing, sewer and manhole liner materials, water & sewer separation, and other design criteria must meet District requirements.

The report identifies that a preliminary design for the wastewater collection system was prepared for the Tentative Tract in 2007 by Fomotor Engineering. This information has not been provided for District review. The District will need to review the proposed collection system design prior to approval for construction. The report does identify that segments of the collection system are as much as 30 feet deep. The District will require that alternatives be identified to minimize the depth of the installed collection system to less than 15 feet to facilitate District operation and maintenance efforts. If additional depth is required, the Developer will need to identify the reasons associated with the

additional depth and acquire District approval prior to construction. Appropriate grading will be required to avoid excessively deep collection facilities.

A hydraulic sewer system analysis will be required to verify the proposed slopes, sizes and flow velocities within the proposed collection system. This analysis will be required to be completed by a registered professional engineer in the state of California, and submitted to the District Engineer for review. The District will meet with the developer to discuss any concerns or changes needed based on that review. The memo discussions identify the need for a wastewater lift station, depending on the location of the wastewater treatment plant. The District will require that the location of the treatment facility be identified to avoid the need for a collection system lift station. It is assumed that a lift station may be required at the treatment site to lift the wastewater into the plant.

The District WTS identifies the EcoFluid package treatment plant as the preferred equipment. The District currently operates a 52,000 gpd EcoFluid facilities at the Hi-Desert Medical Center. The developer is requested to use the EcoFluid equipment in its design. The Advantex treatment system is not approved for use in the District. The layout of the package plant, and associated facilities, has not been identified. The District will need to review and approve the design and layout prior to construction.

The location of the plant is identified to be adjacent to several homes. The developer will be responsible for incorporation of all necessary odor and visual mitigation relative to both on-site and off-site properties to avoid complaints by neighboring property owners.

Effluent disposal is proposed to be completed using seepage pits. The District design for seepage pits used at the Hi-Desert Medical Center plant shall be incorporated into the developers design. The depth and number of seepage pits will be dictated by the Regional Water Quality Control Board in the project Waste Discharge Requirements (WDRs). The developer shall be responsible for determining the Regional Boards WDR requireemtns and preparing all necessary documents for Regional Board approval. The District will support the developer in discussions with the Regional Board.

Phasing is identified for the treatment plant. The developer will need to discuss the proposed phasing of the project, and potentially provide a bond or other financial vehicle necessary for the District to build subsequent phases of the plant should the developer fail to construct the needed treatment capacity. This issue can be discussed as the project progresses.

The developer is required to meet the financial requirements of the WTS.

Tentative Tract Map No. 18255

The provided map does not show any water or sewer facilities. Therefore, comments will be general in nature. Detailed water and sewer plans will be reviewed prior to approval to construct.

The highest house pad appears to be 3211.5 feet, with the lowest pad at 3025.8 feet. The elevation of the proposed treatment plant site is 3025.9 feet. Consideration of the sewer velocities and conveyance capacities within the collection system will be critical to assure proper flushing velocities and to prevent potential sewer challenges.

There are existing water pipeline traversing the proposed site. These pipelines will require easements or relocation to new roadways, such that District staff have full access to the pipelines at all times. Also, the pipelines must be capable of being excavated without significant damage to personal property.

Detailed water and sewer mapping is needed to do further review. The treatment plant site also requires significant detail to allow for District review and approval.

West Side Sewer Service Study Exhibit

It is unclear if this drawing is representative of the current develop planning. Additional detail is required to conduct a complete analysis.

Maximum spacing of sewer manholes shall not exceed 350 feet. Therefore, additional manholes will be required based on the map provided.

Additional information needs to be provided to allow for further review. The sewer in Detail A-A does not meet the minimum identified slope of 0.005 ft per ft. Also, the detail identified that the minimum depth of cover under the open stormwater channel is 10 feet. Erosion and sediment transport analysis will be required to identify the maximum scour depth and thus establish the required depth of cover. Considering the soils in the Joshua Tree area, 10 feet of cover may not be sufficient.

Summary


The District will require a significant amount of additional information before approving the project for construction. The treatment facility requires considerable more definition before the project can be constructed. Also, the Regional Board must be consulted for development of the necessary WDRs for treatment and disposal of the wastewater. We look forward to receiving additional information in the near future.

JOSHUA BASIN WATER DISTRICT
MEETING AGENDA REPORT

Meeting of the Board of Directors

March 18, 2015

Report to: President and Members of the Board

Prepared by: Curt Sauer 

TOPIC: Overview of Fees and Rates

RECOMMENDATION: Informational Purpose Only. Receive and discuss information from the first of two presentations on existing fees and rates, Article 13, Rules and Regulations

ANALYSIS: At the March 4 Board Meeting, members requested a review and discussion of the existing rates and charges. This presentation will cover the following items:

1. What are all the items on my property taxes concerning water?
2. The charges for developing a parcel adjacent to a mainline, including Construction Meter (13.13), Meter Installation Fee (13.18), Water Capacity (13.19), Front Footage Fee (13.18.1), Wastewater (13.19.1)
3. Reference to Development Packet worksheet, page 9.

Article 13 of the Rules and Regulations is included in the packet for your review prior to the presentation.

STRATEGIC PLAN ITEM:

FISCAL IMPACT:

ARTICLE 13: RATES AND CHARGES

The following schedule of Rates and Charges apply, and these rates and charges may be changed through current resolutions passed by the Board of Directors.

ARTICLE 13.1 Variance Application Processing Fee.

A fee of \$25.00 is payable upon the submission of a Variance Application for water and wastewater facilities. If the District determines that a complex matter requires that professional services be obtained, the applicant will pay all of the cost of such services.

ARTICLE 13.2 Water Availability or Standby Charges

This charge is an annual charge established pursuant to the County Water District law. The degree of availability to the various zones within the District is established through application of the following principles. Standby charges are collected through the County of San Bernardino on the parcel tax rolls. The criteria will apply District-wide in all improvement districts. Only the rates change from one improvement district to the next. Rates are set on an annual basis. See Exhibit B.

ARTICLE 13.3 Guarantee Deposit

Applicants who provide a social security number will have their credit checked. The results of the credit check will provide either a green, yellow or red 'score'. Deposit amounts, based upon the score are indicated below.

Green = good credit, no deposit required

Yellow = moderate credit, \$100 deposit required, 24 months satisfactory payment history

Red = poor credit, \$100 deposit required, 24 months satisfactory payment history

No Score = \$100 deposit required, 24 months satisfactory payment history

Applicants that don't provide a social security number will be required to pay a \$100 deposit that will be held for 24 months of satisfactory payment history.

Existing JBWD customers transferring service from one address to another who meet the satisfactory payment requirements of Article 1.2 will not be required to provide a new guarantee deposit to start service at the new address.

The District uses a third party for this deposit decision service and is not responsible for inaccuracies in the Applicant credit report. Applicants must address concerns to the credit reporting bureaus or the District's contractor, Online Utility Exchange. The District will provide an Adverse Decision Letter to the Applicant whenever a yellow or red score is received. The letter provides contact information to assist the Applicant in correcting credit reporting inaccuracies.

ARTICLE 13.4 Water Turn on

Turn on new service – next day or same day before the deadline for same-day service	\$15.00
Turn on after voluntary turn-off (vacation) before the deadline for same-day service	10.00
Turn on after the deadline for same day turn on service	85.00

Amended by Resolution #14-914 on 01 15 14

ARTICLE 13.5 Basic Fee.

The basic monthly fee for availability of water service, which includes no water used, is as follows:

Meter Size	Capacity (gpm)	<u>MONTHLY FEE BASED ON METER SIZE, effective date</u>				
		3-1-14	1-1-15	1-1-16	1-1-17	1-1-18
¾" & 1"	30 & 50	\$24.31	\$24.80	\$25.29	\$25.78	\$27.58
1-1/2 "	100	\$81.03	\$82.67	\$84.30	\$85.93	\$91.95
2"	160	\$129.65	\$132.27	\$134.88	\$137.49	\$147.11
3"	300	\$243.09	\$248.01	\$252.90	\$257.79	\$275.84

ARTICLE 13.6 Monthly Water Flow Charges

Water passing through the meter shall be sold at the following cumulative rates, per unit (one hundred cubic feet, 748 gallons):

For ¾" and 1" meters

Consumption (UNITS)	<u>RATE PER UNIT (\$ PER HUNDRED CUBIC FEET), effective date</u>				
	3-1-14	1-1-15	1-1-16	1-1-17	1-1-18
0-5 units	\$2.30	\$2.50	\$2.75	\$3.00	\$3.21
5.01-10 units	\$2.60	\$2.90	\$3.20	\$3.50	\$3.75
10.01-20 units	\$2.90	\$3.30	\$3.65	\$4.00	\$4.28
20.01 + units	\$3.20	\$3.70	\$4.10	\$4.50	\$4.82

For 1-1/2", 2" and 3" meters

Unit rate for all water use	\$2.71	\$3.07	\$3.43	\$3.79	\$4.06
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ARTICLE 13.7 (Rescinded)

ARTICLE 13.8 Delinquent Account Service Charge

Delinquent accounts will be 1.5% per month service charge on the unpaid balance plus a one time 10% penalty on the original unpaid balance.

ARTICLE 13.9 Public Fire Protection Charges

There is no charge per fire hydrant for public fire protection at this time.

ARTICLE 13.10 Cost and Charges for Private Fire Protection

Installation cost will be the actual cost plus fifteen percent (15%) to cover administrative and overhead cost.

Monthly service charge:

	<u>MONTHLY CHARGE BASED ON DEVICE SIZE, effective date</u>				
<u>Device Size</u>	<u>3-1-14</u>	<u>1-1-15</u>	<u>1-1-16</u>	<u>1-1-17</u>	<u>1-1-18</u>
2"	\$13.50	\$11.58	\$12.28	\$12.62	\$13.50
3"	\$27.02	\$23.15	\$24.54	\$25.25	\$27.02
4"	\$54.04	\$46.29	\$49.07	\$50.50	\$54.04
6"	\$81.06	\$69.45	\$73.62	\$75.76	\$81.06
8"	\$121.57	\$104.60	\$110.41	\$113.62	\$121.57

If a customer is required to oversize the domestic meter for the sole purpose of fire protection (fire sprinklers), the Capacity Charge and monthly Basic Fee will be calculated on the minimum allowable service size, as determined by AWWA Standards or by the customer, in writing, from the Building Department.

ARTICLE 13.11 Fee for Permit to Supply Water for Domestic Irrigation to Adjoining, Same Ownership Parcel

The fee for a permit charged to a customer requesting to supply water to a parcel with no meter from the meter already installed on an adjoining parcel, owned by the same customer. This Fee must be paid prior to supplying water to second parcel, and must be renewed on an annual basis. The Fee is based on the monthly basic fee per meter size and changes as Article 13.6 changes. The Fee is imposed as follows:

Size	Annual Fee
5/8 x 3/4 inch	\$300.00
3/4 inch	\$300.00
1 inch	\$501.00

ARTICLE 13.12 Backflow/Cross-Connection Devices

\$25.00 annually, payable in January of each year, will be charged to customers required to install and maintain a Backflow/Cross-Connection Device.

ARTICLE 13.13 Charge for Temporary Service

The following charges apply to all temporary services.

- | | |
|--|--|
| Guarantee Deposit | A deposit of \$250.00 is required for temporary water services. |
| Minimum Charge and Quantity Rate: | The charges for temporary service shall be the charges applicable under Article 13.6, plus a surcharge of 50% on the Bi-Monthly Service Fee and Water flow charge. |
| Temporary Service Installation Charge: | For all temporary service installations, the charge will be \$30.00. |

ARTICLE 13.14 Mainline Extension Project Application Fee

An application fee of \$25.00 will be charged for all Mainline Extension applications, either residential or commercial, for water and wastewater facilities.

ARTICLE 13.15 Charge for Cancellation of New Service Facility Installation Application

There is a charge of \$50.00 for cancellation of new service facility installation applications where all fees have been paid and the customer requests refund of fees. This charge is to cover the District costs in handling this transaction.

ARTICLE 13.16 Standard Front Footage Fee

This fee applies to water service applicants that connect to the water system where the District has installed or replaced a mainline since 1997 (Reimbursement Agreements) or where the applicant has been approved for a Remote Meter.

The Standard Front Footage Fee will be the amount of the most recently calculated front footage reimbursement fee (e.g. 2008 H Zone, \$37 per foot) as approved by the Board of Directors.

- (a) Reimbursement Agreements: (Where the District has installed or replaced the mainline since 1997) The total Fee is computed based upon the measurement of the front footage of the parcel as it sits adjacent to the mainline (property corner to property corner) multiplied by the Standard Front Footage Fee (price per foot).

Remote Meters: The total Fee is computed based upon the measurement from the applicant's service line point of connection with the existing mainline to the furthest end of the applicant's property corner that sits adjacent to the future mainline location, as determined by District staff, multiplied by the Standard Front Footage Fee (price per foot).

ARTICLE 13.16.1 Standard Wastewater Front Footage Fee

This fee applies to wastewater service applicants that connect to the wastewater system where the District has installed or replaced a mainline. The standard Wastewater Front Footage Fee will be the amount of the most recently calculated front footage reimbursement fee as approved by the Board of Directors.

ARTICLE 13.17 Plan Check and Processing and Inspection Fees

The cost of plan check and processing, feasibility studies and inspection shall be borne by the applicant for water and wastewater facilities. Fees shall be the actual cost of services plus 15% for District administration. The District will provide a written estimate of the fees to the applicant who must deposit the same amount with the District prior to commencement of work. If the fees deposited are insufficient to pay all costs incurred by the District, a bill for the balance will be sent to the applicant and must be paid before water service will be initiated, or before a Wastewater Certificate of Compliance will be issued. If the fees deposited exceed the amount required, the District will refund the balance.

ARTICLE 13.18 Meter Installation Fees – Updated with Resolution #15-947 on 03 04 15

NEW TRACT INSTALLATION: This fee applies to the Copper Mountain Mesa Assessment District for all original parcels with services already installed and for approved tract maps or parcel maps where installation of all water system facilities, except for the water meter, will be done by the developer’s contractor. After acceptance of the developer-installed system, the District will set the meter at the following fees:

Meter Size	Fee
¾ inch	\$585.00
1 inch	669.00
All larger	Cost + 15%

NON-TRACT INSTALLATION: The fee includes material and labor associated with installation of the pipeline, connecting valves and fittings and a meter/control facility to extend water service from a main to a property line for the use of a separate premise.

Meter Size	Fee
¾ inch	\$1,911.00
1 inch	2,002.00
1-1/2”	Cost + 15%
All larger	Cost + 15%

ARTICLE 13.18.1 Front Footage Fee

Mainline installation or replacement projects in the following areas have been installed at District expense. Future development of parcels in the following project areas requires payment of a Front Footage Fee, per foot of frontage along the mainline. See Article 7.5.

Copper Mountain College, December 2004:	\$26.00 per foot
H Zone, October 2008:	\$37.00 per foot

ARTICLE 13.18.2 Remote Meter Front Footage Payment Plan (Deleted per Resolution #13-907)

ARTICLE 13.19 Water Capacity Charges

This charge is used to provide for a source of supply, pumping, transmission and storage needed as a result of new demands caused by new residential/commercial/industrial/agricultural services, or new single family service. The Capacity Charges shall be computed by the District and collected as follows and shall be automatically adjusted effective on the 1st day of January of each calendar year following the adoption of Resolution #07-807 (For example, 1/1/08) based upon the change in the Engineering News-Record Construction Cost Index (ENR-CCI 20 Cities) starting from the base month of June, 2006. (For example, the first automatic increase taking effect 1/1/08 shall be based on the increase in said index from June, 2006 to June, 2007. The second automatic increase taking effect 1/1/09 shall be based on the increase in said index from June, 2007 to June, 2008 and so forth.

Size	Ratio	Charge
¾"	1.00	\$ 3,852.00
1"	1.67	6,417.00
1 ½"	3.33	12,833.00
2"	5.33	20,535.00
3"	10.67	38,503.00

ARTICLE 13.19.1 Wastewater Capacity Charges

This charge is used to provide for a source of wastewater treatment, pumping, collection, transmission, and related facilities needed as a result of new demands caused by new single family residential, multi family residential, commercial, industrial, and agricultural development. It is a charge levied on each new development that will contribute a rightful share of the costs of the District's wastewater facilities. The Capacity Charges shall be computed by the District and collected as follows and shall be automatically adjusted effective on the first day of January of each calendar year following the adopting of Resolution #09-851 (For example, 01/01/2011) based upon the change in the engineering News-Record Construction Cost Index – Los Angeles (ENR-CCI LA) starting from the base month of June, 2009. For example, the first automatic increase taking effect 01/01/2011 shall be based on the increase in said index from June 2009 to June 2010. The second automatic increase taking effect 01/01/2012 shall be based on the increase in said index from June 2010 to June 2011 and so forth.

- Single Family Residential: 1 Equivalent Dwelling Unit (EDU) = \$5,788.00
- Multi Family Residential: 1 EDU per residential unit (duplex = 2 units, triplex = 3 units, etc.) or less if determined by the District Engineer (e.g. Senior Housing, studio apartments, etc.)
- Non Residential: \$5,418 per EDU with the number of EDUs to be determined by District Engineer based on plans provided.

The Wastewater Capacity Charge applies to all new development in the Wastewater Planning Area as identified in the attached map (Exhibit C). A list of parcels within the area is attached as Exhibit D.

Capacity Charges do not apply to additions to existing residential units, but will apply to any new residential structures including a second home on a parcel, other than guest house.

Capacity Charges will be applied to expansion of non-residential development if it increases the number of EDUs by one or more based on review of the District Engineer.

Capacity Charge will be collected at the District's option either with the "will-serve" letter, or prior to issuance of a Building Permit, but in any case no later than the time of Certificate of Occupancy as feasible in each case to assure that the District receives payment.

ARTICLE 13.20 Refund Agreement Processing Fee

The preparation and processing fees for refund credit agreements will be as follows:

- (a) Initial preparation costs shall be \$25.00 plus \$25.00 for each separate parcel covered.
- (b) Annual processing costs shall be \$5.00 for each collection made.

ARTICLE 13.20.1 (Deleted per Resolution #13-907)

ARTICLE 13.21 Meter Exchange Cost

For meter size changes (either increase or decrease in size), the customer shall pay:

- The current cost of the new meter, including the difference in Capacity Charge;
- The current cost of the installation materials;
- The current cost for equipment;
- The current cost for field labor;
- The processing (1/2 hour office time).

No refund for materials already in use is provided, nor Capacity Charge.

ARTICLE 13.22 Charge for Customer Requested Meter Accuracy Testing

The charge for customer requested meter accuracy testing shall be as follows:

Meter Size	Charges
5/8 x 3/4 inch	\$ 40.00
3/4 & 1 inch	\$ 40.00
1-1/2 & 1 inch	\$ 75.00
All larger	Cost + 15%

Any meter found to be registering more than 2% fast will result in a billing adjustment and refund of the meter testing fee. The meter accuracy testing fee will not be charged if the meter has not been tested during the previous 5 year period.

ARTICLE 13.23 Hydrant Testing

The charge for customer requested fireflow testing of hydrants shall be \$55.00 per hydrant.

ARTICLE 13.24 Broken Lock Fee

When an account has been locked off and the lock is broken, the account holder will be charged \$5.00 for replacement of the lock.

ARTICLE 13.25 Charge for District Documents

The charges for various District documents will be as follows:

DESCRIPTION	CHARGE
Rules & Regulations	\$ 0.25 per sheet
Specifications	\$30.00 per copy
Water Master Plan (incl. maps)	\$30.00 per copy
System Atlas	\$30.00 per copy
Research (Retrieve Documents)	\$25.00 per hour (\$5.00 minimum)
Computer Printout	\$ 1.00 per page (\$2.00 minimum)
Copies	\$ 0.25 per sheet

ARTICLE 13.26 48-Hour Tag Fee

When the District is required to prepare and deliver a 48-hour tag because of pending account termination, the account holder will be charged \$10.00. Staff has the discretion to waive the fee for good reason when there have been no other 48-hour tags for the customer in the last 12 months. This is not intended to allow one free 48-hour tag every 12 months, but to provide a waiver for extenuating circumstances.

ARTICLE 13.27 Rate for Sale of Water to Other Water Agencies

Water sold to other water agencies shall be metered and sold at a rate of \$9.53 per unit (one hundred cubic feet) or \$1,038.00 per acre foot.

In addition to this water rate, direct manpower, material and equipment costs associated with making the physical connection or overseeing the connection shall be charged at actual cost plus overhead.

The General Manager or designate may authorize the temporary sale of water to other water agencies for a two-week period or less. The Board of Directors may authorize the temporary service for a period of longer than 14 days.

JOSHUA BASIN WATER DISTRICT
RATE and FEE SCHEDULE (effective 3/5/15)

Basic Fee

Meter Size	Flow (G.P.M.)	Monthly rate
3/4" and 1"	30 & 50	\$ 24.80
1 1/2"	100	\$ 82.67
2"	160	\$132.27
3"	300	\$248.01

Private Fire Protection

Device Size	Monthly Rate
2"	\$11.58
3"	\$23.15
4"	\$46.29
6"	\$69.45
8"	\$104.60

Monthly Water Flow Charges

3/4" AND 1" METERS

Consumption Amount	Rate per unit
0 – 5 units	\$2.50
5.01 – 10 units	\$2.90
10.01 – 20 units	\$3.30
20.01 + units	\$3.70

1-1/2", 2" AND 3" METERS

Consumption Amount	Rate per unit
All Usage	\$3.07

1 unit = one hundred cubic feet = 748 gallons

Miscellaneous Charges

48-Hour Tag Fee	\$ 10.00
After Hours Turn on Fee	\$85.00
Backflow/Cross Connection Devices	\$25.00 per year
Broken Lock Fee	\$ 25.00
Cancellation of New Meter Installation After Application Process and Payment of Fees	\$50.00
Customer-Requested Meter Testing	3/4" or 1" - \$40.00 1-1/2" - \$75.00 Larger – cost + 15% Plus a water account adjustment for any discrepancy identified by the test, either under or over-recording
Delinquent Account Service Charge	1.5%/ month plus a one-time 10% penalty
Delinquent Account Unlock Charge	\$ 25.00
Document Charge – photocopies computer printout	\$ 0.25/page \$1.00/page with \$2.00 minimum
Fire Flow Test/Hydrant Testing	\$ 55.00

3.5.15

Guarantee Deposit – Temporary Service	\$250.00
Guarantee Deposit- Regular Service	\$100.00 unless waived with good credit
Meter Reinstallation Charge	\$ 40.00
Meter Exchange	Upgrade ¾" to 1" - \$335 Other upgrades and downgrades at actual cost
Meter Damage	Minor/Broken Ball Valve - \$150 Extensive Damage at actual cost
New Account Deposit	\$100.00
Permit to Supply Water for Domestic Irrigation to Adjoining Same Ownership Parcel	¾" meter - \$30.000 per year 1" meter - \$501.00 per year
Plan Check, Processing and Inspection Fees	Actual cost of services plus 15% for administration
Refund Agreement Processing Fee	Initial preparation - \$25.00 plus \$25.00 for each separate parcel covered. Annual processing costs - \$5.00 for each collection made
Returned Check Charge	\$ 20.00
Sale of Water to Other Water Agencies	\$9.53 per unit (100 cubic feet) Plus direct labor, material and equipment costs
Standard Front Footage Fee (mainline or wastewater)	Most recently-calculated front footage reimbursement (e.g. 2008 H Zone, \$37 per foot) as approved by Board of Directors
Standby (Water Availability) Fees (billed through property taxes)	See attached schedule
Temporary (Construction) Meter Minimum Charge and Quantity Rates	50% surcharge on Basic Fee and Flow charges
Temporary Service Installation Charge	\$30.00
Turn on Charge	\$ 15.00
Variance Application Processing Fee	\$25.00

Meter Installation and Capacity Charges

Each meter installation with require payment of either tract or non-tract installation charge, depending on location, plus the corresponding capacity charges.

Meter Size	Tract Installation	Non-Tract Installation	Water Capacity Charge	Wastewater Capacity Charge
¾" Meter	\$ 585.00	\$1,911.00	\$3,852.00	\$5,788 per EDU
1" Meter	\$ 669.00	\$2,002.00	\$6,417.00	\$5,788 per EDU
1 ½" Meter	Cost + 15%	Cost + 15%	\$12,833.00	\$5,788 per EDU
2" Meter	Cost + 15%	Cost + 15%	\$20,535.00	\$5,788 per EDU
3" Meter	Cost + 15%	Cost + 15%	\$38,503.00	\$5,788 per EDU


Standby Rate Table Attached

JOSHUA BASIN WATER DISTRICT
MEETING AGENDA REPORT

Meeting of the Board of Directors

March 18, 2015

Report to: President and Members of the Board

Prepared by: Curt Sauer 

TOPIC: Update on Chromium 6 Project

RECOMMENDATION: Receive an update on plans for addressing chromium 6 regulations

ANALYSIS: General Manager Sauer will present an update on the Chromium 6 issue. This is informational only. Subject matter to be covered include:

A review of the issue

Quarterly survey results

General Overview of Treatment methods

Bureau of Reclamation project – strong and weak based anion testing

Dynamic testing (Hydroprofiling) and Feasibility Testing proposal (generic)

Grants

STRATEGIC PLAN ITEM:

FISCAL IMPACT: