

**Hemet-San Jacinto Watermaster
Technical Advisory Committee (TAC) AGENDA
May 8, 2017
EMWD – 12:30 p.m.**

- I. Agency Reports:
 - A. EMWD
 - B. LHMWD
 - C. City of Hemet
 - D. City of San Jacinto

- II. Watermaster Advisor Update:
 - A. Draft May 22, 2017 Board Agenda.
 - B. Status of the Department of Water Resources (DWR) Reporting Under Water Code 10720.
 - C. 2016 Carry-Over Credit Accounts.
 - D. Consideration to Adjust Production Rights Starting May 2018.
 - E. Updated Information on the 2016 Annual Report.

- III. Status of the Soboba Imported Water Recharge – EMWD

- IV. Status of the Canyon Operating Plan – EMWD/LHMWD

- V. Soboba Gravel Pit Dewatering Planning

- VI. Unused Soboba Imported Water Calculation - Soboba Groundwater Production Outside the Management Area

- VII. Status of the Draft Storage Agreement

- VIII. Other Items Per TAC Members Request

- IX. Next Meeting August 14, 2017

**Technical Advisory Committee (TAC) Meeting
Meeting Notes
May 8, 2017**

TAC Members Present

EMWD Staff Present:	Joe Mouawad, Assistant General Manager of Planning, Engineering and Construction Nick Kanetis, Deputy General Manager Jeff Wall Assistant General Manager, Operations and Maintenance Kelley Gage, Senior Director of Water Resources Planning Marc Serna, Director of Engineering Khos Ghaderi, Director of Water Operations Mike Nusser, Water Resources Planning Manager
City of Hemet Staff Present:	Kris Jensen, Public Works Director Ron Proze, Water/Wastewater Superintendent
City of San Jacinto Staff Present:	Steve Johnson, Consultant Dan Mudrovich, Utilities Superintendent
Lake Hemet Staff Present:	Tom Wagoner, General Manager
Private Producers	Steve Pastor, Private Pumpers Representative
Watermaster Staff Present:	Behrooz Mortazavi, Michelle Mayorga (Water Resources Engineers)
Others Present:	None

I. AGENCY REPORTS

A. EMWD Status Report

Ms. Gage reported that EMWD started drilling Groundwater Production Well 37. This well is located outside of the river levee replacing Well 14 that was located within the riverbed. The bore hole was drilled to 1,560 feet below ground surface and there were 3 specific aquifer zones samples that were taken from 1,450 feet, 1,370 feet and 980 feet below the surface. The lower zones had low production rates and the water quality samples results are not back yet. The final design includes screens to approximately 1,280 feet below grade surface. Drilling and testing is currently estimated to be complete in July 2017. Well 14 will be maintained as a monitoring well. Monitoring Well M4 which is part of the Well 37 project is complete. It will monitor water levels below the future Mara Villa Estates, a new housing development. It is screened from 3,500 to about 190 feet below grade surface. EMWD received the final draft of the preliminary design and EMWD's Board awarded the final design to Dudek Engineering for the San Jacinto Enhanced Recharge and Recovery Program (ERRP). Mr. Mouawad added that EMWD's Board awarded the preliminary design of the ERRP Phase 1 Pipeline to HDR. In addition, Mr. Ghaderi added that Well 91 is in rehab. Mr. Mouawad commented that EMWD is conducting public outreach programs for its Groundwater Reliability Plus Program.

B. LHMWD Status Report

Mr. Wagoner reported that LHMWD is redrilling Well 8. The contractor has had difficulties with this well, and had to backfill the first drilled hole with concrete and start redrilling again. There have also been alignment and casing issues at this well. LHMWD is contemplating doing a spinner test on well 17 to see if they can isolate water quality issues at various depths.

C. Hemet Status Report

Mr. Proze reported that the City Council has awarded Southwest Pump a contract to re-drill well 10. A pilot program has started for wells 4 and 14 to remove nitrates and 1,2,3-TCP with anticipation that the State will set MCL for 1,2,3-TCP at 5 ppt (parts per trillion). Mr. Proze also reported that the City has been rehabbing Storage Tank 3 at Echo Hills. The City expects to initiate their Conservation Rate Structure by December 2017.

D. San Jacinto Status Report

Mr. Mudrovich reported that the City expects completion of their Conservation Rate structure by June 2018. The proposed Rate structure is under review by the legal department and there are several comments that need to be addressed. The City is considering purchasing a property for a new well close to the Alesandro Ponds. They are waiting for results on Title 22 and pump test on the well to decide if the new well site will be useful for the City. Mr. Ghaderi commented that wells in that area tend to be high in Iron and Manganese. The City staff has a meeting with EMWD staff to discuss Lake Park Well. Grand Well rehabbing should be complete in the next 3 weeks.

II. WATERMASTER ADVISOR UPDATE

A. Draft May 22, 2017 Board Agenda

Mr. Mortazavi presented the draft agenda for the May 22, 2017, Board meeting. Ms. Gage said that the Rules and Regulations committee will meet prior to the Board meeting but will not be ready to give a status update at the Board Meeting.

The Reserves and Investments Committee will not have a meeting prior to the Board Meeting. Mr. Bunn is currently reviewing the proposed language and will give an update at the Board Meeting.

The Action Items on the agenda include the Consideration to Adopt Resolution 1.4 changing the regular meeting time to 4 pm and permitting temporary changes; 2016 Financial Audit Report; consideration to Approve Financial Audit Contract for 2017 – 2019 with Vicenti, Lloyd and Stutzman LLP; consideration to approve 2017 Water Resources Monitoring Program Support Services Task Order with EMWD; 2016 Carry-Over Credit Accounts; and consideration to Adjust Production Rights for Public Agencies starting May of 2018.

Mr. Mortazavi presented the information regarding the 2017 – 2019 Financial Audit Contract options. He has received three proposals from CPA firms with previous audit experience for different Watermasters. After reviewing the information, it is recommended to adopt a motion to approve a three-year contract with Vicenti, Lloyd & Stutzman LLP for an amount not-to-exceed \$14,100.

See Attachment 1 for presentation related to this item.

Mr. Mortazavi reviewed information on the estimated 2017 Water Resources Monitoring Program Costs, Task Order 9 with EMWD. It is recommended that the Board approve Task Order 9, for an amount not-to-exceed \$156,218.

Mr. Mortazavi mentioned that Task Order 10, is the Video Taping of monitoring wells. He said that EMWD will provide the complete information by December of 2017; however, he is requesting adequate information be provided in September so that he can prepare the 2018 Monitoring Program estimates for the Budget in September as requested by the proposed revised Rules and Regulations. Mr. Ghaderi asked how many wells are videoed? Mr. Nusser replied 179 wells.

See Attachment No. 2 for Handout related to this Item.

Information regarding Watermaster's current insurance policy was reviewed. The Watermaster currently pays \$3,102 per year for the elected officials' liability insurance.

See Attachment No. 3 for Handout related to this Item.

Mr. Mortazavi asked if TAC has any additions or deletions to the agenda. There were none.

See Attachment No. 4 for draft agenda related to this item.

B. Status of the Department of Water Resources (DWR) Reporting under water Code 10720.

Mr. Mortazavi presented the Status of the Department of Water Resources Reporting under Water Code 10720. All Watermasters are required to provide information to DWR on or before April 1st of each year. The submitted information includes: groundwater elevation data; aggregated groundwater extraction data; surface water supply data; total water use data; change in groundwater storage; and the Annual Report.

Groundwater elevation data is submitted to DWR by EMWD as part of the Watermaster Monitoring Program and CASGEM Program. The aggregated groundwater extraction data is reported in two different formats. The extraction data by method collection, showing acre feet produced by metered wells and acre feet production that was estimated. The second is by water use sector, showing urban use, Ag use, and Other (Soboba Tribe usage). Surface water is reported by local Surface Water and State Water Project. The 2016 Annual Report is in draft format. Mr. Mortazavi has filed the 2015 Annual Report and will file the 2016 report in a few months when the report is finalized.

Mr. Mouawad ask about the estimated storage reduction between 2015 and 2016 (5,717 acre-feet) and what it represents in terms of groundwater levels? Mr. Mortazavi replied he did not calculate an average water level drop in the management area, however, based on the estimated storage reduction, the average water level drop cannot be significant. Between 2014 and 2015 the storage reduction was estimated to be about 14,000.

See Attachment 5 for presentation related to this item.

C. 2016 Carry-Over Credit Accounts.

Mr. Mortazavi reviewed the 2016 Carry-Over Credit Accounts. The Judgement requires this information be calculated and documented every year. As of December 31, 2015, there was a total of 32,075 AF in the Carry-Over Accounts and at the time, there was a total 11,207 AF of Metropolitan water that was not delivered. One thing that changed between 2015 & 2016 calculations, is that the Soboba Golf Course production is now included in the Carry-Over Credit calculations per EMWD, LHMWD, and San Jacinto's request. The December 2015 Carry-Over Credits that was presented last year did not include the Soboba Golf Course productions. The inclusion of the Soboba Golf Course productions required corrections going back to 2012 when the Soboba Imported Water started being delivered by MWD for recharge. Carry-Over Credits were corrected by 805 AF for 2012-2015 due to the Golf Course productions. This correction adjusted the Carry-Over Accounts as of December 31, 2015 to 31,269 AF of credits.

Soboba produced 1,668 AF during 2016, requiring 168 AF of reduction from the Soboba Imported Water credits to the public agencies. So, 7,331 AF is credited to the public agencies' Carry-Over accounts.

In terms of production, base production rights were approximately 26,000 AF, actual productions were approximately 19,103 AF and Phase I Agreement Wells were used to recover 5,430 AF of previously recharged Carry-Over credits. The difference between the actual production and the base production rights is 6,885 AF. Taking into consideration the

MWD deliveries, unused Adjusted Base Production, plus what was in the Carry-Over accounts at the end of 2015, the Carry-Over Accounts as of December 31, 2016 is calculated to be 45,212 AF. Mr. Ghaderi commented that EMWD's high Carry-Over credit recovery in 2016 was because Canyon Ops Plan limited production from Canyon Basin.

Mr. Mortazavi explained that Pastime Lakes (a Class B Participant) was over by 169 AF as of December 31, 2015. This landowner had different properties, some were considered Class A and the others were considered as Class B participants. In 2016 the properties that were classified as Class A converted to Class B and with that change the combined properties productions were under their aggregated Base Production Right.

Productions by Class A participants were tracked until 2015, in case any of the Class A participants wanted to convert to a Class B participant in 2016. Beginning in 2016, productions for the Class A Participants are not being tracked, and carry-over credits will only be calculated for the Class B participants. Gh Dairy is a new landowner and will be over the Base Production limits if they decide to participate in the Judgment as a Class B participant. New owners have the option to intervene. In 2016, Gh Dairy requested to be a Class B Participant, however, they did not intervene. A Certified letter was sent to them asking them to respond by May 15, 2016. If they do not respond, their properties will be removed from the Class B Participants list. Mr. Mortazavi will recommend to the Watermaster Board to Receive and File the 2016 Carry-Over Credit Accounts Summary Data if TAC does not have any concerns. Mr. Pastor asked if Mr. Mortazavi tracks the non-participants? Mr. Mortazavi said, he does not, because their production is not required to be compared to any production limits.

See Attachment 6 for presentation related to this item.

D. Consideration to Adjust Production Rights Starting May 2018.

The Stipulated Judgement states that the goal is to achieve Safe Yield over a six (6) year period assuming an annual overdraft of 10,000 acre feet. By 2019, the Adjusted Base Productions will be reduced by 10,000 AF. Adjustments are calculated for May through April of each year. Mr. Mortazavi reviewed the Judgment Requirements and its impact on the Adjusted Base Production rights. The Judgement set the first reduction at 10%. After the first year of reduction, the Watermaster Board has set the reductions, and in these reductions, Watermaster has tried to level off the reductions to be constant from year to year. Mr. Mortazavi recommends approving Resolution 10.3 reducing the Adjusted Base Production for Public Agencies by seven and two tenths percent (7.2%) starting May 1, 2018. TAC concurred with this recommendation.

See Attachment 7 for presentation related to this item.

Updated Information on the 2016 Annual Report.

The 2016 Annual Report is in draft format and will not be finalized until Mr. Mortazavi receives a reply from Gh Dairy if they want to intervene and become a Party to the Judgment or not.

See Attachment 8 for presentation related to this item.

III. STATUS OF THE SOBOBA IMPORTED WATER RECHARGE – EMWD

Mr. Nusser presented an update on the Soboba Imported Water Recharge and River Diversions. The IRRP Ponds are located in the river. IRRP Northerly ponds are currently offline for maintenance and re-configuration. They are patterning the first pond after IRRP Southerly ponds as they have struggled getting water to the north end of these ponds. IRRP Southerly ponds continue to Recharge approximately 8,000 gallons per minute (GPM). There has not been any major maintenance on the IRRP Southerly Ponds; however as soon as IRRP Northerly ponds maintenance is complete, IRRP Southerly ponds will be emptied for maintenance ready for the high summer recharge rates. Grant Avenue has been recharging approximately 4,000 GPM of Soboba Imported Water. All the ponds' damages that was reported at the last TAC meeting has been fixed in a relatively short time. The ponds are taking in water, overflowing and running at full capacity.

Mr. Nusser reviewed the weekly surface water diversion report for Soboba Imported Water Recharge and River Diversions. The Soboba Recharge to date for 2017 is 4,511.70 AF through May 7th with a goal of 20,020 AF for 2017. The Grant Ponds Diversions from 11/1/16 thru 5/7/17 is 3,094.39 AF with a goal of 5,760 AF. EMWD has to cease diversion from June 30th through November 1, 2017. Mr. Nusser reviewed the IRRP Recharge and Water Levels as well as Grant Imported Water Recharge from January 2016 to May 2017. Mr. Mouawad asked when the goal of 20,020 AF is met, how much water would MWD have in storage? Mr. Nusser said that at this point, MWD will have pre-delivered 7,500 AF. Mr. Mortazavi said that MWD would need to deliver about 13,500 AF to meet past years and this year's obligations, and anything above that will be considered as pre-delivery for future obligations.

Mr. Nusser said the EMWD staff met with Soboba and LHMWD staff regarding the Canyon Operating Plan. He reviewed the water level status at the 3 key wells Soboba DW-03, Cienega 06 & LHMWD 16 that are used for the Canyon Operating Plan. There are storage curves associated with water levels in the wells to calculate estimated planning storage in the Canyon Basin. Last year, storage was in critical status for the basin, which meant EMWD and LHMWD cannot pump any groundwater from the basin. Based on the projected production from the basin, they predict whether the water levels in the key wells go up or down and the change in storage. A loss of 2,500 AF of storage is estimated for this year. However, because of heavy rainfalls and river flows going into the Soboba Gravel Pit, there was an increase in water levels to bring the estimated planning storage to 198,646 AF. That changes storage conditions from Critical to Near Critical status. However, EMWD and LHMWD still cannot pump during Near Critical conditions. Mr. Mortazavi said TAC may want to somehow link this information to the Carry-Over calculations. For example, if 3,500 AF of Soboba Imported Water is recharged into the Canyon Basin, should TAC expect that water to be produced out of the Carry-Over Account from Canyon Basin? Mr. Wagoner said that in some years, yes but not in all years. Mr. Nusser does not agree. There will need to be more discussion on this issue in the future. For 2017, Basin production is projection to be 2,442.578 AF. At the request of the Tribe, Mr. Nusser has added a new table to help the Tribe keep track of their carry-over deficit productions.

See Attachment 9 for presentation related to this item.

IV. STATUS OF THE CANYON OPERATING PLAN – EMWD/LHMWD

Presentation and discussion on this item was included under Item III (above). Status of Soboba Imported Water Recharge.

V. SOBOBA GRAVEL PIT DEWATERING PLANNING

Mr. Mortazavi explained that the gravel pit is filling up with runoff water this year, so there may be a need to dewater the gravel pit. The 2017 budget includes about \$57,000 for this potential effort, and the total cost is estimated by EMWD to be about \$115,000. The cost for this project will be shared with the Soboba Tribe. In the past, EMWD has been providing all the resources to do this work, and this item was added to the agenda to make sure EMWD has this potential project on its future activities list. Mr. Wall asked how many acre feet can be recovered by such dewatering work? Mr. Mortazavi answered last dewatering was based on about 200 AF of recovery, and the quantity varies depending on how much water can be naturally recharged before percolation stops at the gravel pit.

VI. UNUSED SOBOBA IMPORTED WATER CALCULATIONS – SOBOBA GROUNDWATER PRODUCTION OUTSIDE THE MANAGEMENT AREA

Mr. Mortazavi reported that the Board Ad-Hoc Committee had a meeting with the Tribal Council in early May, and the Tribe staff was asking if the Tribe's well outside the basin should also be included in the unused Soboba Imported Water calculations. Mr. Mortazavi thinks since this well is outside the basin, it should not be included, but wants TAC to decide this issue. Mr. Mouawad said EMWD will look into it and make a recommendation to the TAC at a later date. Ms. Gage wanted clarification that this well is not currently being accounted for and that it is a historic well? Mr. Mortazavi confirmed that the well is not included in the calculations, and it is a historic well. Mr. Proze asked if Watermaster allows for the Soboba Tribe drill another well on the Golf Course property? Mr. Mortazavi said Soboba Tribe can drill more wells because they have State Water Rights, unless the Soboba Agreement prevents them from doing so, and Settlement related issues should be addressed by the Settlement Parties not the Watermaster (Judgment).

VII. STATUS OF THE DRAFT STORAGE AGREEMENT

Mr. Mortazavi has reviewed the Judgment, Rules and Regulations, and the Soboba Agreement to identify paragraphs that are related to the Storage Agreement to set a guideline for the Storage Agreement. Behrooz provided a handout (Attachment No. 10) that included the extracted information from the above documents. He will be reviewing existing Storage Agreements and provide feedback to Mr. Bunn so that Mr. Bunn would prepare a draft Storage Agreement. Mr. Mouawad said that EMWD's legal team would need to review this as well. Ms. Gage said that EMWD will be putting a Storage Agreement together with the guidelines from the different agreements. Mr. Mortazavi would like to have Mr. Bunn and Mr. O'Neil communicate before any draft is prepared to eliminate duplication of work. Mr. Mouawad thinks since EMWD is proposing the storage program, EMWD should move forward with the drafting of the Storage Agreement. Parties agreed for this issue to be discussed between EMWD and the Watermaster legal counsels at a later date.

VIII. OTHER ITEMS PER TAC MEMBERS REQUEST(S):

Mr. Wagoner asked if TAC should have more meetings? Mr. Mortazavi said that the TAC meetings are coordinated around the Board Meetings and even though we may have several items at one TAC meeting, we don't have enough agenda items at some of the other quarterly meetings which may not justify having more TAC meetings. Also, the current budget is based on four Board and TAC meetings per year. It was mentioned that having conference calls between meetings or emails for TAC members updating each other on different activities may be adequate instead of additional meetings. It was decided that more discussion is necessary to come up with a plan that would best work for the TAC members.

IX. NEXT MEETING AUGUST 14, 2017

2017-2019 Financial Audit Contract

**Hemet-San Jacinto Watermaster
TAC Meeting
May 8, 2017**

Judgment Requirement (Section 9.6.8)

...The Watermaster shall file annually with the Court, and serve on all Parties, a report regarding its activities during the preceding year, including an audited statement of all accounts and financial activities.

Proposal Requests

Three CPA firms with previous audit experience for different Watermaster(s) were invited to provide proposals for the annual financial audits

Company Name
Vicenti, Lloyd & Stutzman LLP
Fedak & Brown LLP
Squar Milner LLP

Cost Estimates

Company Name	FY 2017	FY 2018	FY 2019	Total
Vicenti, Lloyd & Stutzman LLP	\$4,500	\$4,700	\$4,900	\$14,100
Fedak & Brown LLP	\$7,250	\$7,475	\$7,700	\$22,425
Squar Milner LLP	\$7,995	\$8,995	\$9,995	\$26,985

Recommendation

**Adopt a motion to approve a three-year
Contract with Vicenti, Lloyd & Stutzman
LLP for an amount not-to-exceed \$14,100.**

Questions...

**EASTERN MUNICIPAL WATER DISTRICT/HEMET-SAN JACINTO WATERMASTER
HEMET/SAN JACINTO WATER MANAGEMENT PLAN AREA
ESTIMATED 2017 WATER RESOURCES MONITORING PROGRAM COSTS**

Description	Cost	Unit	No.	Units	Sub-Totals
1 - Groundwater Extraction Monitoring					
1.1 Data Collection					
1.1.1 Private Well Meters (1 man, 2 days per month) (60 wells - monthly)	\$1,400.00	per month	12	months	\$16,800.00
1.1.2 Private Well Estimates (39 wells - monthly)	\$98.00	per hour	12	hours	\$1,176.00
1.2 Data Entry					
1.2.1 Private Well Meters (60 wells - monthly)	(1)				
1.2.2 Subagency Wells (43 wells - monthly)	(1)				
1.2.3 Private Well Estimates (39 wells - monthly)	\$98.00	per hour	12	hours	\$1,176.00
1.3 Data Review, QA/QC, and Variance Resolution	\$98.00	per hour	12	hours	\$1,176.00
Annual Groundwater Extraction Monitoring Total Cost					\$20,328.00
2 - Groundwater Level Monitoring					
2.1 Data Collection					
2.1.1 Private Wells (15 wells per day - semi-annually) (190 wells)	\$700.00	per day for 1	26	days	\$18,200.00
2.2 Data Entry					
2.2.1 Private Wells (186 wells - semi-annually)	(1)				
2.2.2 Subagency Wells (51 wells - monthly)	(1)				
2.3 Data Review, QA/QC, and Variance Resolution	\$98.00	per hour	12	hours	\$1,176.00
Annual Groundwater Level Monitoring Total Cost					\$19,376.00
3 - Water Quality Monitoring					
3.1 Sample Collection					
3.1.1 Private Well Grab Samples (5 samples per day) (89 wells - annually)	\$700.00	per day for 1	18	days	\$12,600.00
3.1.2 Private Well Mobile Pump Samples (2 samples per day) (45 wells - annually)	\$700.00	per day for 1	23	days	\$16,100.00
3.2 Water Quality Laboratory Analysis					
3.2.1 Private Well Grab Samples	\$355.00	per sample	89	samples	\$31,595.00
3.2.2 Private Well Mobile Pump Samples	\$355.00	per sample	45	samples	\$15,975.00
3.3 Data Export from LIMS and Import to RWRD	\$98.00	per hour	12	hours	\$1,176.00
3.4 Data Review, QA/QC, and Variance Resolution	\$98.00	per hour	12	hours	\$1,176.00
Annual Water Quality Monitoring Total Cost					\$78,622.00
4 - Inactive Well Capping and Sealing					
4.1 Scheduling and Coordination of Installation (2 hours per well)	\$87.50	per hour	4	hours	\$350.00
4.2 Fabrication and Material	\$150.00	per well	2	wells	\$300.00
4.3 Installation (8 hours per well)	\$1,400.00	per day for 2	2	days	\$2,800.00
Annual Inactive Well Capping and Sealing Total Cost					\$3,450.00
5 - Meter Installation, Repair, and Replacement					
5.1 Schedule and Coordination of Installation (2 hours per well)	\$87.50	per hour	14	hours	\$1,225.00
5.2 Meter Replacement Cost (\$863-\$1239 per meter)	\$1,000.00	per meter	7	meters	\$7,000.00
5.3 Fabrication and Material	\$500.00	per well	7	wells	\$3,500.00
5.4 Labor (4 hours per meter)	\$175.00	per hour for 2	28	hours	\$4,900.00
Annual Meter Repair and Replacement Total Cost					\$16,625.00
6 - Data Management, Documentation, and Reporting					
6.1 Annual Report Data Compilation	\$98.00	per hour	40	hours	\$3,920.00
6.2 Annual Report Map and Graphic Generation	\$98.00	per hour	20	hours	\$1,960.00
6.3 Annual Report Preparation					
6.3.1 Prepare Draft Annual Report	\$149.33	per hour	20	hours	\$2,986.67
6.3.2 Address Review Comments from EMWD, TAC, and Watermaster Advisor	\$149.33	per hour	10	hours	\$1,493.33
6.3.3 Prepare Final Annual Report	\$149.33	per hour	10	hours	\$1,493.33
6.4 Annual Report Printing and Distribution (EMWD's XEROX Service)	\$12.00	0.08 per page * 150	35	reports	\$420.00
6.5 Annual Well Owners' Reports	\$98.00	per hour	20	hours	\$1,960.00
6.6 Meetings and Public Participation	\$149.33	per hour	24	hours	\$3,584.00
Annual Data Management, Documentation, and Reporting Total Cost					\$17,817.00
Annual Monitoring Program Total Cost					\$156,218.00

Position	Hourly Rate (2)
Director	\$167.00
Senior Engineering Geologist	\$156.00
Water Resources Planning Manager	\$125.00
Civil Engineering Associate II	\$109.00
Senior Engineering Technician	\$87.00
Water Resources Technician III	\$94.00
Water Resources Technician II	\$81.00
Average Senior Staff	\$149.33
Average Technical Staff	\$98.00
Average Field Staff	\$87.50

- (1) Task to be performed by Watermaster Advisor Staff
- (2) Based on 2017 FEE SCHEDULE (EXHIBIT A)
- (3) 2017 Budget is estimated based on 2016 actual monitoring. Actual 2017 monitoring costs will depend on well accessibility, well use, and other factors.
- (4) H-SJ Watermaster will be invoiced for actual 2017 monitoring activities performed.



INSURANCE BINDER

ISSUING CARRIER:
Allied World Assurance Company
or affiliate carrier

NAMED INSURED:
Hemet-San Jacinto Watermaster

EFFECTIVE DATE:
4/1/2017

Program Manager:
Allied Community Insurance Services, LLC
11452 El Camino Real Suite 250
San Diego, CA 92130
CA License No. 0L01269 | National Producer No. 17536322 Agency
License# 3537131

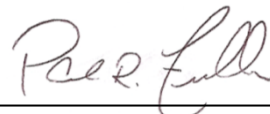
Retail Broker:
Edgewood Partners Insurance Center
19000 MacArthur Blvd
Irvine, CA 92612

COVERAGE	Y/N	POLICY NUMBER	PREMIUM
Property	No	N/A	\$ N/A
Commercial Crime	No	N/A	\$ N/A
Commercial General Liability	Yes	5105-1266-03	\$ 500.00
Public Officials & Management Liability	Yes	5105-1266-03	\$ 500.00
Business Auto	No	N/A	\$ N/A
Commercial Excess Liability	Yes	5107-1266-03	\$ 2,000.00
Privacy 101	No	N/A	\$ N/A

Total Annual Premium <i>(excludes state-imposed taxes, surcharges, and fees)</i>	\$ 3,000.00
Terrorism Premium	\$ 2.00
State Imposed Taxes, Surcharges, and Fees	\$ N/A
Fully Earned Policy Fee	\$ 100.00
Surplus Lines Taxes & Stamping Fee <i>(applicable to Privacy 101 only)</i>	\$ N/A
TOTAL AMOUNT DUE	\$ 3,102.00
PAYMENT PLAN SELECTED	Annual

NOTES:
Refer to quotation for coverage detail.

Issue Date: 4/6/2017

Authorized Signature: 

Paul R. Fuller, CPCU
Allied Public Risk, LLC
CA DBA: Allied Community Insurance Services, LLC
National Producer# 17536322

NOTICE: This binder is a temporary insurance contract subject to the conditions shown on the second page of this form. It is an overview of the terms offered in your policy and may contain unintentional inaccuracies. The binder is valid for 60 days from the effective date of the policy. Please refer to your quotation for a detailed summary of limits, deductibles, and coverages.



CONDITIONS

This Company binds the kind(s) of insurance stipulated on page one. The Insurance is subject to the terms, conditions and limitations of the policy(ies) in current use by the Company.

This binder may be cancelled by the Insured by surrender of this binder or by written notice to the Company stating when cancellation will be effective. This binder may be cancelled by the Company by notice to the Insured in accordance with the policy conditions. This binder is cancelled when replaced by a policy. If this binder is not replaced by a policy, the Company is entitled to charge a premium for the binder according to the Rules and Rates in use by the Company.

Applicable in California

When this form is used to provide insurance in the amount of one million dollars (\$1,000,000) or more, the title of the form is changed from "Insurance Binder" to "Cover Note".

Applicable in Colorado

With respect to binders issued to renters of residential premises, home owners, condo unit owners and mobile homeowners, the insurer has thirty (30) business days, commencing from the effective date of coverage, to evaluate the issuance of the insurance policy.

Applicable in Delaware

The mortgagee or Obligee of any mortgage or other instrument given for the purpose of creating a lien on real property shall accept as evidence of insurance a written binder issued by an authorized insurer or its agent if the binder includes or is accompanied by: the name and address of the borrower; the name and address of the lender as loss payee; a description of the insured real property; a provision that the binder may not be canceled within the term of the binder unless the lender and the insured borrower receive written notice of the cancellation at least ten (10) days prior to the cancellation; except in the case of a renewal of a policy subsequent to the closing of the loan, a paid receipt of the full amount of the applicable premium, and the amount of insurance coverage.

Chapter 21 Title 25 Paragraph 2119

Applicable in Florida

Except for Auto Insurance coverage, no notice of cancellation or nonrenewal of a binder is required unless the duration of the binder exceeds 60 days. For auto insurance, the insurer must give 5 days prior notice, unless the binder is replaced by a policy or another binder in the same company.

Applicable in Maryland

The insurer has 45 business days, commencing from the effective date of coverage to confirm eligibility for coverage under the insurance policy.

Applicable in Michigan

The policy may be cancelled at any time at the request of the insured.

Applicable in Nevada

Any person who refuses to accept a binder which provides coverage of less than \$1,000,000.00 when proof is required: (A) Shall be fined not more than \$500.00, and (B) is liable to the party presenting the binder as proof of insurance for actual damages sustained therefrom.

NOTICE: This binder is a temporary insurance contract subject to the conditions shown on the second page of this form. It is an overview of the terms offered in your policy and may contain unintentional inaccuracies. The binder is valid for 60 days from the effective date of the policy. Please refer to your quotation for a detailed summary of limits, deductibles, and coverages.

AGENDA

HEMET – SAN JACINTO WATERMASTER BOARD OF DIRECTORS

May 22, 2017

4:00 pm

EMWD - Board Room

2270 Trumble Road, Perris, CA 92750

CALL TO ORDER

PLEDGE OF ALLEGIANCE

ROLL CALL

I. PUBLIC COMMENTS

Any person may address the Board on any subject within the Watermaster's jurisdiction which is not on the agenda. However, any non-agenda matter that requires action will be referred to staff for a report and action at a subsequent Board meeting. Any person may also address the Board on any agenda matter at the time that matter is discussed, prior to Board action.

II. ADDITIONS/DELETIONS TO THE AGENDA

III. REPORTS

The following agenda items are reports. They are placed on the agenda to provide information to the Board and public. There is no action called for in these items.

A. Board Member Comments/Questions/Reports

- Rules and Regulations Committee.
- Reserves and Investments Committee.

B. Advisor Report

C. Legal Counsel Report

D. Treasurer Report

IV. CONSENT CALENDAR

A. Approval of Minutes – February 27, 2017 Regular Board Meeting.

Recommendation: Adopt a motion to approve item B on the Consent Calendar.

Consent Calendar items are expected to be routine and non-controversial and are to be acted upon by the Board at one time without discussion. If any Board member, staff member, or interested person requests that an item be removed from the Consent Calendar, it will be removed from the Consent Calendar for separate action.

V. ACTION ITEMS

The following items call for discussion and possible action by the Board. These items are placed on the Agenda so that the Board may discuss and possibly take action on the items if the Board desires.

- A. Consideration to Adopt Resolution 1.4 Changing the Regular Meeting Time to 4:00 p.m. and Permitting Temporary Changes - Summary of the Resolution 1.4 and proposed changes.
Recommendation: Adopt a motion to approve Resolution 1.4.
- B. 2016 Financial Audit – Oral summary of the 2016 Audit Report.
Recommendation: Adopt a motion to receive and submit the 2016 Financial Audit Report as part of the Watermaster 2016 Annual Report to the Court.
- C. Consideration to Approve Financial Audit Contract for 2017-2019 with Vicenti, Lloyd and Stutzman LLP – Summary of cost breakdowns received from three firms for a three-year financial audit contract.
Recommendation: Adopt a motion to approve a three-year Contract with Vicenti, Lloyd and Stutzman LLP for an amount not-to-exceed \$14,100.
- D. Consideration to Approve 2017 Water Resources Monitoring Program Support Services Task Order with EMWD – Oral summary of the proposed Task Order.
Recommendation: Adopt a motion to approve EMWD Water Resources Monitoring Support Services Task Order Number 9 for an amount not-to-exceed \$156,218.
- E. 2016 Carry-Over Credit Accounts – Summary of the Carry-Over Credit Accounts as of December 31, 2016.
Recommendation: Receive and File Carry-over Credit Account Balances.
- F. Consideration to Adjust Production Rights for Public Agencies Starting May 2018 – Per Section 3.2.2 of the Stipulated Judgment Watermaster shall determine the required reduction in Adjusted Production Rights for 2018.
Recommendation: Adopt a motion to approve Resolution 10.3 reducing the Adjusted Base Production for Public Agencies by Seven and two tenth Percent (7.2%) starting May 1, 2018.

VI. INFORMATIONAL ITEMS/CORRESPONDENCE

- A. Status of the Department of Water Resources Reporting Under Water Code 10720 – Summary of the information that was provided to DWR as part of the Sustainable Groundwater Management Act requirements.
- B. Insurance Agreement with Edgewood Partners Insurance Center – New insurance agreement effective April 1, 2017 - March 31, 2018 for general liability, public officials liability, and excess liability coverage with Allied World Assurance Company for \$3,102 per year.
- C. Status of the Canyon Operating Plan – Presentation by EMWD, on the status of the Operating Plan for Canyon Management Zone, a joint project between Soboba Tribe, EMWD, and LHMWD.

- D. Updated Information on the 2016 Annual Report – Presentation to summarize changes/comments that were included on the 2016 Annual Report after Board’s approval of the report on February 22, 2016.
- E. Status of the Soboba Imported Water Recharge - Presentation by EMWD, on the status of the Soboba Imported Water deliveries and recharge at the Grant Avenue and IRRP ponds.
- F. Future Agenda Items - If Board Members have items for consideration at a future Board Meeting, please state the agenda item to provide direction to the Advisor.

VII. CLOSED SESSION - NONE

VIII. ADJOURNMENT

Next Regular Board of Directors Meeting

August 28, 2017 at 4:00 pm. at:
Eastern Municipal Water District Board Room
2270 Trumble Road, Perris, CA 92750

Upon request, this agenda will be made available in appropriate alternative formats to persons with disabilities, as required by Section 202 of the Americans With Disabilities Act of 1990. Any person with a disability who requires a modification or accommodation in order to participate in a meeting should direct such a request to the Watermaster Executive Assistant at 714-707-4787, at least 48 hours before the meeting, if possible.

Pursuant to Government Code Section 54957.5, any writing that (a) is a public record; (b) relates to an agenda item for an open session of a regular meeting of the Watermaster Board of Directors; and (c) is distributed less than 72 hours prior to that meeting, will be made available for public inspection at the time the writing is distributed to the Board of Directors. Any such writing will be available for public inspection at Watermaster’s office located at 2270 Trumble Road, Perris, CA 92750.

Status of the Department of Water Resources Reporting Under Water Code 10720

**Hemet-San Jacinto Watermaster
TAC Meeting
May 8, 2017**

State Requirement Sustainable Groundwater Management Act Water Code Section 10720

**Watermaster shall provide the following information to
the Department of Water Resource (DWR) on or before
April 1st of each year:**

- 1. Groundwater Elevation Data;**
- 2. Aggregated Groundwater Extraction Data;**
- 3. Surface Water Supply Data;**
- 4. Total Water Use Data;**
- 5. Change in Groundwater Storage; and**
- 6. The Annual Report.**

Information Provided to DWR

1 - Groundwater Elevation Data :

Submitted to DWR by EMWD as part of the Watermaster Monitoring Program and CASGEM Program.

2 - Aggregated Groundwater Extraction Data :

Extraction Data by Method Collected		
Metered	Estimated(by Landuse)	Total
33,294	5,101	38,395

Extraction by Water Use Sector	
Urban	24,534
Agriculture	12,193
Other (Soboba Tribe)	1,668
Total	38,395

CASGEM = California Statewide Groundwater Elevation Monitoring

Information Provided to DWR (cont.)

3 - Surface Water Supply Data :

Local Surface Wtr.	State Water Project	Total Surf. Wtr. Supply
1,374	19,939	21,313

4 - Total Water Use Data :

Water Use by Sector	
Urban	32,509
Agriculture	24,979
Other (Soboba Tribe)	1,668
Managed Recharge	13,171
Total	72,327

Water Use by Source	
Groundwater	38,395
Surface Water	21,313
Recycled Water	12,619
Total	72,327

Information Provided to DWR (cont.)

5 - Change In Groundwater Storage :

Time Period	Estimated Storage Change
April 30, 2015 - April 29, 2016	- 5,717

6 - The Annual Report :

2015 Annual Report was provided
&
2016 Annual Report will be provided in July

Questions...

2016 Carry-Over Credit Accounts

Hemet-San Jacinto Watermaster TAC Meeting

May 8, 2017

Public Agencies Carry-Over Credits as of December 31, 2015 (All Values in AF)

Agency	Pre 2012 Recharge Rights	Total Unused SbT Imported Water *	Total Unused Adjusted BPR	Totals	Future MWD Deliveries to Cover Commitments
City of Hemet	0	3,697	4,706	8,403	2,196
City of San Jacinto	0	2,434	3,105	5,539	1,401
EMWD	6,694	265	7,319	14,277	3,777
LHMWD	0	1,793	2,063	3,856	3,833
Totals	6,694	8,189	17,193	32,075	11,207

* Above table does not include Soboba groundwater production from Soboba Golf Course wells.

BPR = Base Production Rights
SbT = Soboba Tribe

Soboba Tribe Production Corrections

(February 27, 2017 Revision)

Year	Soboba Production Used in Previous Calculations	Soboba Production (including Golf Course Wells)	Additional SbT Production for 2012 to 2015 (*)
2012	1,144	1,820	320
2013	1,036	1,674	174
2014	1,165	1,689	189
2015	1,049	1,622	122
Totals	4,394	6,805	805

* Soboba Golf Course productions were not included in the 2015 Annual Report Carry-over calculations. The 2016 Annual Report Carry-over accounts are corrected to include past Soboba Golf Course productions.

Corrections to the Unused Soboba Imported Water for Each Public Agency

Agency	Unused Soboba Tribe Imported Water Corrections for 2012-2015
City of Hemet	-158
City of San Jacinto	-101
EMWD	-271
LHMWD	-275
Total	-805

Public Agencies Carry-Over Credits as of December 31, 2015 with Soboba Production Corrections (All Values in AF)

Agency	Pre 2012 Recharge Rights	Total Unused SbT Imported Water *	Total Unused Adjusted BPR	Totals	Future MWD Deliveries to Cover Commitments
City of Hemet	0	3,539	4,706	8,245	2,196
City of San Jacinto	0	2,333	3,105	5,438	1,401
EMWD	6,694	-7	7,319	14,006	3,777
LHMWD	0	1,517	2,063	3,580	3,833
Totals	6,694	7,383	17,193	31,269	11,207

* Above table includes Soboba groundwater production from Soboba Golf Course wells.

BPR = Base Production Rights

SbT = Soboba Tribe

2016 MWD Water Deliveries (All Values in AF)

Agency	MWD Obligations as of Dec. 2015	MWD Deliveries for 2016	MWD Deliveries to Cover pre-2016 Obligations	Future MWD Obligations
City of Hemet	2,196	1,470.0	1,010.6	1,185.9
City of San Jacinto	1,401	937.5	644.5	756.3
EMWD	3,777	2,527.5	1,737.6	2,038.9
LHMWD	3,833	2,565.0	1,763.4	2,069.2
Totals	11,207	7,500	5,156.3	6,050.3

**MWD Delivered 12656.26 AF of Soboba Water in 2016
(Reported by EMWD)**

2016 Soboba Water Deliveries

(All Values in AF)

Agency	Deliveries for 2016	2016 Imported Water Used by SbT *	2016 Unused SbT Imported Water
City of Hemet	1,470.0	33.0	1,437.0
City of San Jacinto	937.5	21.0	916.5
EMWD	2,527.5	56.8	2,470.7
LHMWD	2,565.0	57.6	2,507.4
Totals	7,500	168.4	7,331.6

* 2016 Soboba Tribe Production (1,668.40 AF total) was reported on Jan 5, 2017.
Includes Soboba Golf Course wells production.

2016 Public Agencies Groundwater Productions

(All Values in AF)

Agency	Adjusted BPR for 2016	Actual 2016 Productions	Production via Phase I Agreement Wells *	Excess Production Above Adjusted BPR	Unused Adjusted BPR
City of Hemet	5,199	3,631	221	0	1,568
City of San Jacinto	3,383	2,157	0	0	1,226
EMWD	8,758	6,171	3585	0	2,586
LHMWD	8,649	7,144	1624	0	1,505
Totals	25,989	19,103	5,430	0	6,885

* Includes All Deliveries by EMWD to Other Agencies

BPR = Base Production Rights

Public Agencies Carry-Over Credits as of December 31, 2016 (All Values in AF)

Agency	Pre 2012 Recharge Rights as of Dec. 31, 2016	* Total Unused SbT Imported Water as of Dec 31, 2016	Total Unused Adjusted BPR (AF) as of Dec 31, 2016	Totals as of Dec 31, 2016	Future MWD Deliveries to Cover Obligations
City of Hemet	0	5,766	6,274	12,039	1,186
City of San Jacinto	0	3,894	4,331	8,225	756
EMWD	4,694	616	11,905	17,215	2,039
LHMWD	0	4,164	3,568	7,732	2,069
Totals	4,694	14,440	26,078	45,212	6,050

* Unused Soboba Tribe Imported Water include Soboba Tribe production from Soboba Golf Course wells.

BPR = Base Production Rights
SbT = Soboba Tribe

Class A Participants Carry-Over Credits as of December 31, 2015 (All Values in AF)

Participation Class	Names on The Judgment Assignments	Legal Parcel Owner Names	Allocations Set by the Judgment	Production Below Allocation as of Dec 31, 2015
Class A Participants	Bahan	Cordero Family Trust	1,398	2,141
	DeVries	Gh Dairy	104	42
		Van Hattem - Julia H Devries Trust	12	5
	Gless	Gless Trust Pt	588	1,087
		Gless Family Trust	1,505	2,780
	Olsen	Olsen Robert D & Olsen Elva I	14	7
		Olsen Citrus LLC	37	18
		Arlington Veterinary Laboratories Inc	105	52
	Oostdam	Oostdam Peter G & Jacoba M and Oostdam John P & Margie K	259	572
	Record	Record Randolph A & Record Anne M	46	126
		Martinez Manuel B & Martinez Lucila C	148	407
	Sybrandy	Velde J & S T Children Trust c/o Phillips George R	145	284
		Sybrandy Investment Co LP	1,182	2,310
	Ramsey	Southern California Edison Co	127	248
		San Jacinto Fund LLC	596	1,788

Class B Participants Carry-Over Credits as of December 31, 2015 (All Values in AF)

Participation Class	Names on The Judgment Assignments	Legal Parcel Owner Names	Allocations Set by the Judgment	Prod. Below/Above (-) Allocation as of Dec 31, 2015
Class B Participants	Boersma	Boersma Eric & D Family Trust	195	798
	Boruchin	Jewish National Fund Keren Kay	266	780
	Curci	Curci San Jacinto Investors LLC	260	780
	Lauda	Security Title Insurance Co	1	0.4
		Lauda Family Ltd Partnership	3,299	1,192
		Lauda Bertrand & Lauda Erma J	147	53
		Southern California Edison Co	83	30
	Goodman	Nuevo Dev Co LLC	151	453
	Phillips	Pastime Lakes Inv Co	212	-169
	Michan	Rancho Diamante Inv	92	226
		Diamante Rancho	50	123
		MWD	NA	NA
		Riverside County Flood Cont	NA	NA
	Pastor	San Jacinto Spice Ranch Inc.	265	726
	Scott	Scott Ag Property	1,755	449
	Van Dam	Vandam Donald Dick and Vandam Frances L	531	798
	Resolution 7	Vandam Glen A and Vandam Jennifer A	139	325
Warren	Seaboard Inc	196	401	
	Palma Hector O and Yager George	246	502	

Class B Participants Carry-Over Credits (as of December 31, 2016)

Legal Owner Name	Prorata Alloc.	Total Prod. Below Alloc. as of December 2015	2016 Prod.	Total Prod. Below Alloc. as of Dec. 2016	Total Prod. Above Alloc. as of Dec. 2016
Cordero Family Trust	1398	2141	509	3030	
Gh Dairy	104	42	149		2.5
Gless Trust Pt.	588	1087	77	1598	
Gless Family Trust	1505	2780	197	4088	
Olsen Robert D & Olsen Elva I.	14	7	8	13	
Olsen Citrus LLC	37	18	22	34	
Arlington Veterinary Lab. Inc.	105	52	62	95	
Oostdam Peter G & Jacoba M & John P & Margie K.	259	572	97	734	
San Jacinto Fund LLC	596	1788	0	2384	
Record Randolph A & Anne M.	46	126	0	171	
Sybrandy Investment Co. LP	1182	2310	370	3122	
Boersma Eric & D Family Trust	195	798	167	826	
Curci San Jacinto Investors LLC	260	780	0	1040	

**Class B Participants Carry-Over Credits
(as of December 31, 2016)
(Cont.)**

Legal Owner Name	Prorata Alloc.	Total Prod. Below Alloc. as of December 2015	2016 Prod.	Total Prod. Below Alloc. as of Dec. 2016	Total Prod. Above Allocations as of Dec. 2016
Nuevo Dev Co. LLC	151	453	0	604	
Security Title Insurance Co.	1	0	0	0	
Lauda Family Ltd Partnership	3299	1192	696	1045	
Lauda Bertrand & Erma J.	147	53	31	47	
Rancho Diamante Inv.	92	226	0	318	
Diamante Rancho	50	123	0	173	
San Jacinto Spice Ranch Inc.	265	726	0	991	
Scott Ag Property	1755	449	128	1198	
Vandam Donald Dick and Vandam Frances L.	531	798	121	1209	
Vandam Glen A and Jennifer A.	139	325	49	415	
Velde Children Trust & Pastime Lake Inv. (Combined)	357	115	359	114	

Recommendation

**Receive and File the 2016 Carry-Over Credit
Accounts Summary Data**

Questions...

Adjusted Production Rights Reduction for 2018

**Hemet-San Jacinto Watermaster
TAC Meeting
May 8, 2017**

Stipulated Judgment (Section 3.2.2)

“Until Adjusted Production Rights are consistent with the Public Agencies’ share of Safe Yield, Watermaster shall determine the required reductions in Adjusted Production Rights in each subsequent year to achieve Safe Yield within a reasonable period of time as determined by the Watermaster, considering the extent of the Overdraft, the economic impact on the Parties vound by this Judgment, and other relevant factors. The goal is to achieve Safe Yield over a six (6) year period assuming an annual overdraft of 10,000 acre feet. In the event the extent of the Overdraft is greater or lesser than assumed, then the period of time reasonably required to reach Safe Yield may be extended or reduced accordingly...”

Judgment Requirement (All values in AFY)

	EMWD	LHMWD	City of Hemet	City of San Jacinto
Annual Base Production Rights	10,869	11,063	6,320	4,031
Total Reductions in 6 years	3,566	3,629	1,778	1,027
Adjusted Base Productions in Year 6	7,303	7,434	4,542	3,004

Adjusted Base Productions (All Values in AFY)

Time Period\Entity	EMWD	LHMWD	City of Hemet	City of San Jacinto
May 2013-April 2014 (Yr. 1)	10,869	11,063	6,320	4,031
May 2014-April 2015 (Yr. 2)	9,782	9,957	5,778	3,718
May 2015-April 2016 (Yr. 3)	9,097	9,260	5,437	3,521
May 2016-April 2017 (Yr. 4)	8,461	8,612	5,119	3,337
May 2017-April 2018 (Yr. 5)	7,868	8,009	4,824	3,167
May 2018-April 2019 (Yr. 6)	7,303	7,434	4,542	3,004

Calculated Adjusted Base Production Rights (All Values in AFY)

Year\Entity	EMWD	LHMWD	City of Hemet	City of San Jacinto
2013 (May-Dec)	7,659	8,572	4,653	2,952
2014	10,103	10,205	5,920	3,805
2015	9,300	9,417	5,590	3,637
2016	8,649	8,758	5,199	3,383
2017	8,043	8,144	4,898	3,209
2018	7,470	7,563	4,613	3,044
2019	7,303	7,434	4,542	3,004

Percent Changes for Adjusted Base Production Rights

Time Period\Entity	EMWD	LHMWD	City of Hemet	City of San Jacinto
May 2013/April 2014 (Yr. 1) to May 2014/April 2015 (Yr. 2)	10.0%	10.0%	10.0%	10.0%
May 2014/April 2015 (Yr. 2) to May 2015/April 2016 (Yr. 3)	7.0%	7.0%	7.0%	7.0%
May 2015/April 2016 (Yr. 3) to May 2016/April 2017 (Yr. 4)	7.0%	7.0%	7.0%	7.0%
May 2016/April 2017 (Yr. 4) to May 2017/April 2018 (Yr. 5)	7.0%	7.0%	7.0%	7.0%
May 2017/April 2018 (Yr. 5) to May 2018/April 2019 (Yr. 6)	7.2%	7.2%	7.2%	7.2%

Recommendation

Adopt a motion to approve Resolution 10.3 reducing the Adjusted Base Production for Public Agencies by Seven and two tenth Percent (7.2%) starting May 1, 2018.

Questions...

2016 Annual Report Updated Information

Hemet-San Jacinto Watermaster TAC Meeting

May 8, 2017

Updated Information

Updated Material:

**Table 7-8: Class B Participants Carry-Over Credits as of
December 31, 2016**

Reason for the Update:

**Gh Dairy is a new owner and required to intervene if
they want to become a Party to the Judgment.**

**A letter was send to the new owner on April 21, 2017,
requesting them to respond by May 15, 2017. No
response was received.**

**Gh Dairy is removed from Table 7-8 of the 2016 Annual
Report**

Class B Participants Carry-Over Credits (as of December 31, 2016)

Legal Owner Name	Prorata Alloc.	Total Prod. Below Alloc. as of December 2015	2016 Prod.	Total Prod. Below Alloc. as of Dec. 2016	Total Prod. Above Alloc. as of Dec. 2016
Cordero Family Trust	1398	2141	509	3030	
Gh Dairy	404	42	149		2.5
Gless Trust Pt.	588	1087	77	1598	
Gless Family Trust	1505	2780	197	4088	
Olsen Robert D & Olsen Elva I.	14	7	8	13	
Olsen Citrus LLC	37	18	22	34	
Arlington Veterinary Laboratories Inc.	105	52	62	95	
Oostdam Peter G & Jacoba M & John P & Margie K.	259	572	97	734	
San Jacinto Fund LLC	596	1788	0	2384	
Record Randolph A & Record Anne M.	46	126	0	171	
Sybrandy Investment Co. LP	1182	2310	370	3122	
Boersma Eric & D Family Trust	195	798	167	826	
Curci San Jacinto Investors LLC	260	780	0	1040	

Class B Participants Carry-Over Credits (as of December 31, 2016) (Cont.)

Legal Owner Name	Prorata Alloc.	Total Prod. Below Alloc. as of December 2015	2016 Prod.	Total Prod. Below Alloc. as of Dec. 2016	Total Prod. Above Allocations as of Dec. 2016
Nuevo Dev Co. LLC	151	453	0	604	
Security Title Insurance Co.	1	0	0	0	
Lauda Family Ltd Partnership	3299	1192	696	1045	
Lauda Bertrand & Lauda Erma J.	147	53	31	47	
Rancho Diamante Inv.	92	226	0	318	
Diamante Rancho	50	123	0	173	
San Jacinto Spice Ranch Inc.	265	726	0	991	
Scott Ag Property	1755	449	128	1198	
Vandam Donald Dick and Vandam Frances L.	531	798	121	1209	
Vandam Glen A and Vandam Jennifer A.	139	325	49	415	
Velde Children Trust & Pastime Lake Inv. (Combined)	357	115	359	114	

Questions...



EMWD Update

Michael D. Nusser
May 8, 2017

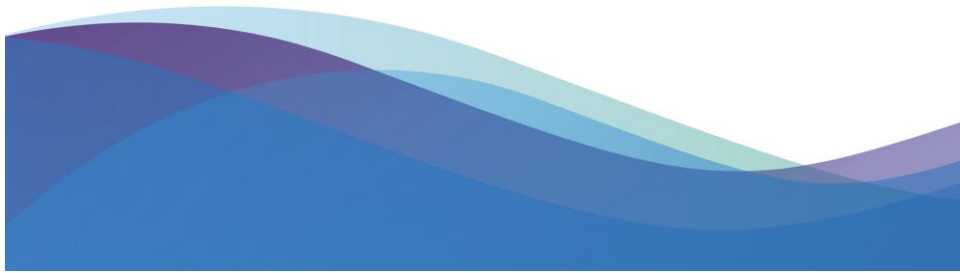
Agenda

- Update on Soboba Recharge & River Diversions
- Canyon Operating Plan – Draft 2017 Annual Report

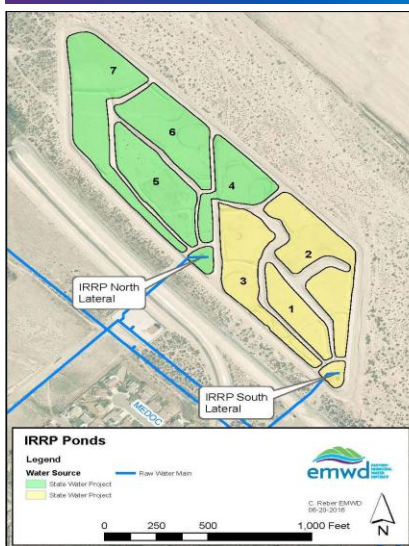




Update on Soboba Recharge & River Diversions



IRRP and Grant Ponds



IRRP North Maintenance and Re-configuration



5 | emwd.org



IRRP South Recharge



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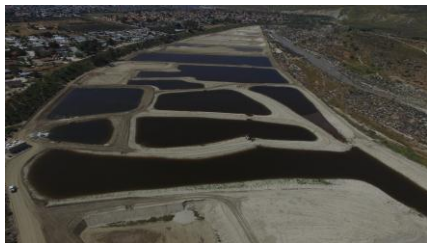
Grant Recharge



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Grant Diversions



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Soboba Recharge and River Diversion Summary

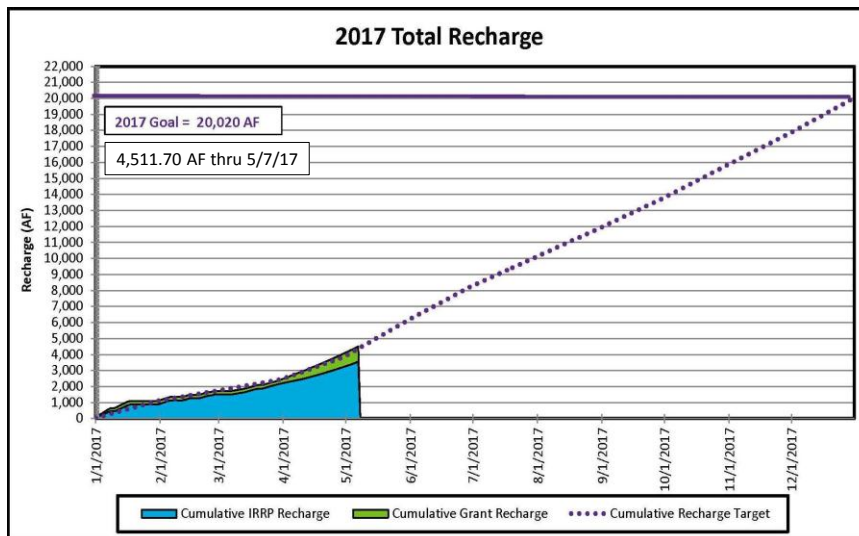
Weekly Imported Raw Water Recharge Report							
Weekly Recharge Summary (05/01/17 - 05/07/17)							
	Grant	IRRP	Total		Grant	IRRP	Total
Weekly Average Flow (gpm)	4,147.49	10,415.59	14,563.08	Recharge to Meet Monthly Goal (AF)	471.70	1,387.80	1,859.50
Weekly Total Recharge (AF)	128.30	322.20	450.50	Minimum Rate to Meet Monthly Goal (gpm)	4,270	12,562	16,831
Monthly Total Recharge (AF)	128.30	322.20	450.50	Minimum Rate to Meet Monthly Goal (cfs)	9.5	28.0	37.5
Annual Total Recharge (AF)	965.60	3,546.10	4,511.70	Recharge to Meet Annual Goal (AF)	2,534.4	12,973.9	15,508.3
Monthly Recharge Goal (AF)	600	1,710	2,310	Minimum Rate to Meet Annual Goal (gpm)	2,400	12,284	14,683
Annual Recharge Goal (AF)	3,500	16,520	20,020	Minimum Rate to Meet Annual Goal (cfs)	5.3	27.4	32.7

Weekly Surface Water Diversion Report			
Weekly Diversion Summary (05/01/17 - 05/07/17)			
Weekly Total Diversion (AF)	64.14	Annual Total Diversion (AF) *	3,094.39
Weekly Average Flow (gpm)	2,073	Maximum Annual Diversion (AF) *	5,760.00
Weekly Average Flow (cfs)	4.62	Remaining Diversions (AF)	2,665.61

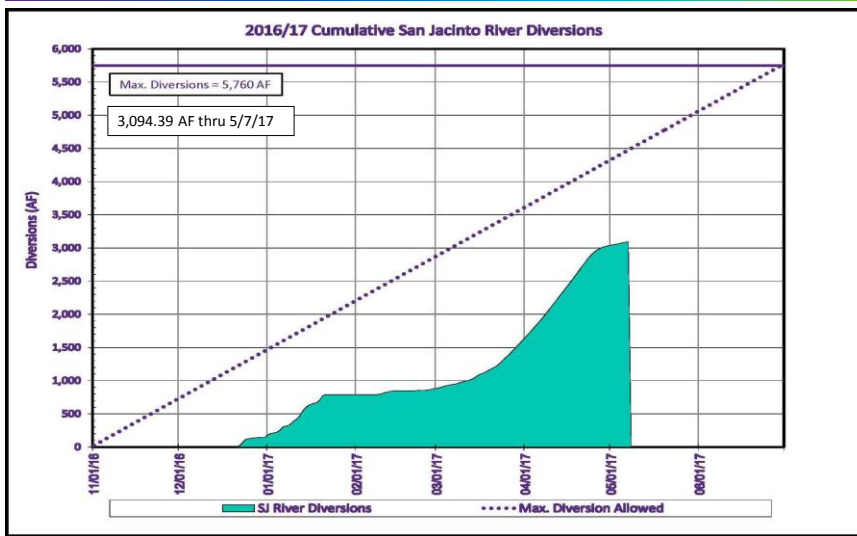
* Annual Total calculated from November 1 - June 30 each year based on state license to divert a maximum of 5,760 AF during this period.
 Diversions are not permitted between July 1 - October 31 each year. The SBKR Bridge must be in place by July 1 each year.



Soboba Recharge to Date for 2017



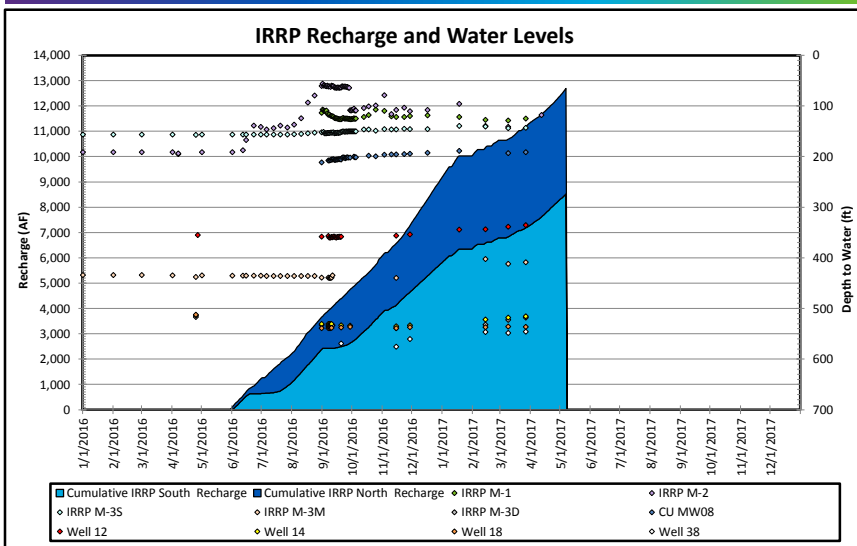
Grant River Diversions from 11/1/16 to 5/7/17



11 | emwd.org



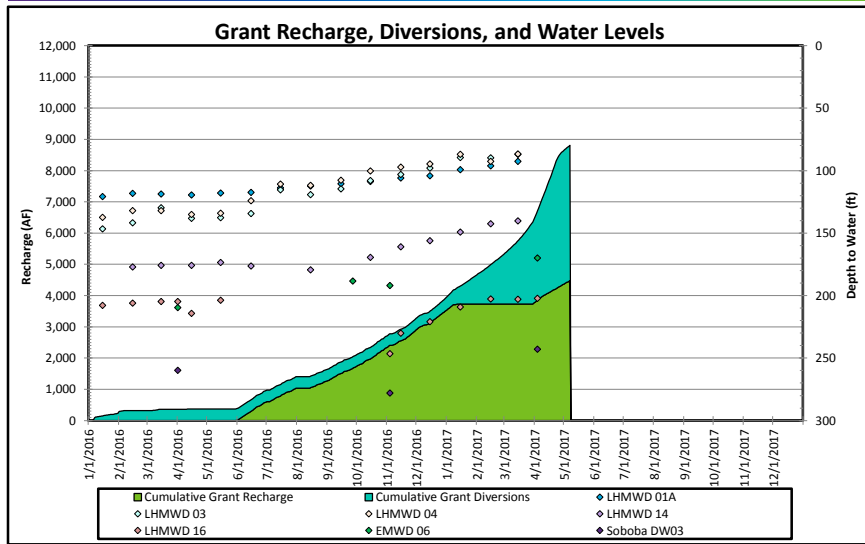
IRRP Recharge and Water Levels from 1/1/16 to 5/7/17



12 | emwd.org



Grant Recharge, River Diversions, and Water Levels from 1/1/16 to 5/7/17



Canyon Operating Plan

Draft 2017 Annual Report



Canyon Operating Plan – Draft 2017 Annual Report

- Static Water Levels Measured in Key Wells on April 1, 2016

Well Name	Reference Point (ft/MSL)	Depth to Water (ft from RP)	Groundwater Elevation (ft / MSL)	Estimated Planning Storage (AF)
Soboba DW-03	1,681.94	260.00	1,421.94	190,399.00
Cienega 06	1,667.70	209.80	1,457.90	199,698.00
LHMWD 16	1,744.00	204.90	1,539.10	196,850.00
Weighted Average Planning Storage (AF)				194,377.00



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- Static Water Levels Measured in Key Wells on April 1, 2016

Well Name	Reference Point (ft/MSL)	Depth to Water (ft from RP)	Groundwater Elevation (ft / MSL)	Estimated Planning Storage (AF)
Soboba DW-03	1,681.94	260.00	1,421.94	190,399.00
Cienega 06	1,667.70	209.80	1,457.90	199,698.00
LHMWD 16	1,744.00	204.90	1,539.10	196,850.00
Weighted Average Planning Storage (AF)				194,377.00

- Projected 2016 Year-End Key Well Levels on April 1, 2016

Key Well	Projected Water Level (ft/MSL)	Projected Change in Water Level (ft)	Projected Estimated Planning Storage (AF)	Projected Changed in Estimated Planning Storage (AF)
EMWD Cienega 06	1,446.8	-11.13	197,254	- 2,485
LHMWD 16	1,532.1	-06.98	194,405	
Soboba DW-03	1,410.9	-11.01	187,954	
Weighted Average Planning Storage (AF)			191,892	



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- Static Water Levels Measured in Key Wells on April 1, 2016

Well Name	Reference Point (ft/MSL)	Depth to Water (ft from RP)	Groundwater Elevation (ft / MSL)	Estimated Planning Storage (AF)
Soboba DW-03	1,681.94	260.00	1,421.94	190,399.00
Cienega 06	1,667.70	209.80	1,457.90	199,698.00
LHMWD 16	1,744.00	204.90	1,539.10	196,850.00
Weighted Average Planning Storage (AF)				194,377.00

- Projected 2016 Year-End Key Well Levels on April 1, 2016

Key Well	Projected Water Level (ft/MSL)	Projected Change in Water Level (ft)	Projected Estimated Planning Storage (AF)	Projected Changed in Estimated Planning Storage (AF)
EMWD Cienega 06	1,446.8	-11.13	197,254	- 2,485
LHMWD 16	1,532.1	-06.98	194,405	
Soboba DW-03	1,410.9	-11.01	187,954	
Weighted Average Planning Storage (AF)			191,892	

- Static Water Levels Measured in Key Wells on April 4, 2017

Well Name	Reference Point (ft/MSL)	Depth to Water (ft from RP)	Groundwater Elevation (ft / MSL)	Estimated Planning Storage (AF)
Soboba DW-03	1,681.94	243.00	1,438.94	194,173.00
Cienega 06	1,667.70	170.00	1,497.70	208,441.00
LHMWD 16	1,744.00	202.20	1,541.80	197,796.00
Weighted Average Planning Storage (AF)				198,646.00

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- 2016 Groundwater Production

Entity	Projected 2016 Production (AF)	Actual 2016 Production (AF)	Artificial Recharge (AF)	Net Production (AF)
EMWD	1,000.000	977.113	1,000.000	0.000
LHMWD	2,000.000	1,197.915	2,514.060	0.000
Private	858.000	1,006.667	0.000	1,006.667
Soboba Tribe	1,100.000	1,126.488	0.000	1,126.488
Total	3,958.000	4,308.183	3,514.060	2,133.155

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- 2016 Groundwater Production

Entity	Projected 2016 Production (AF)	Actual 2016 Production (AF)	Artificial Recharge (AF)	Net Production (AF)
EMWD	1,000.000	977.113	1,000.000	0.000
LHMWD	2,000.000	1,197.915	2,514.060	0.000
Private	858.000	1,006.667	0.000	1,006.667
Soboba Tribe	1,100.000	1,126.488	0.000	1,126.488
Total	3,958.000	4,308.183	3,514.060	2,133.155

- Change in Key Well Groundwater Elevations

Well Name	April 2016 Groundwater Elevation (ft/MSL)	April 2017 Groundwater Elevation (ft/MSL)	Change in Groundwater Elevation (ft)
Soboba DW-03	1,421.94	1,438.94	+17.00
Cienega 06	1,457.90	1,497.70	+39.80
LHMWD 16	1,539.10	1,541.80	+02.70



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- 2016 Groundwater Production

Entity	Projected 2016 Production (AF)	Actual 2016 Production (AF)	Artificial Recharge (AF)	Net Production (AF)
EMWD	1,000.000	977.113	1,000.000	0.000
LHMWD	2,000.000	1,197.915	2,514.060	0.000
Private	858.000	1,006.667	0.000	1,006.667
Soboba Tribe	1,100.000	1,126.488	0.000	1,126.488
Total	3,958.000	4,308.183	3,514.060	2,133.155

- Change in Key Well Groundwater Elevations

Well Name	April 2016 Groundwater Elevation (ft/MSL)	April 2017 Groundwater Elevation (ft/MSL)	Change in Groundwater Elevation (ft)
Soboba DW-03	1,421.94	1,438.94	+17.00
Cienega 06	1,457.90	1,497.70	+39.80
LHMWD 16	1,539.10	1,541.80	+02.70

- Change in Key Well Estimated Planning Storage

Well Name	April 2016 Estimated Planning Storage (AF)	April 2017 Estimated Planning Storage (AF)	Change in Estimated Planning Storage (AF)
Soboba DW-03	190,399	194,173	
Cienega 06	199,698	208,441	
LHMWD 16	196,820	197,796	
Weighted Average Planning Storage (AF)	194,377	198,646	+4,269

- Sub-Basin Trigger Status Changes to “Near-Critical” for 2017

- 1,069 AF Net Pumping for EMWD and LHMWD



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- 2017 Basin Pumping Projections

Entity	2017 Projected Groundwater Production (AF)	Groundwater Production (YTD AF)	Remaining Groundwater Production (AF)	2017 Projected Imported Water Recharge (AF)	2017 Net Projected Groundwater Production (AF)
EMWD	1,000.000	0.000	1,000.000	1,000.000	0.000
LHMWD	2,000.000	120.503	1,879.497	2,500.000	0.000
Private	958.720	0.000	958.720	-	958.720
Soboba Tribe	1,483.858	90.720	1,393.138	-	1,483.858
Total	5,442.578	211.223	5,140.635	3,500.000	2,442.578

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- 2017 Basin Pumping Projections

Entity	2017 Projected Groundwater Production (AF)	Groundwater Production (YTD AF)	Remaining Groundwater Production (AF)	2017 Projected Imported Water Recharge (AF)	2017 Net Projected Groundwater Production (AF)
EMWD	1,000.000	0.000	1,000.000	1,000.000	0.000
LHMWD	2,000.000	120.503	1,879.497	2,500.000	0.000
Private	958.720	0.000	958.720	-	958.720
Soboba Tribe	1,483.858	90.720	1,393.138	-	1,483.858
Total	5,442.578	211.223	5,140.635	3,500.000	2,442.578

- Projected 2017 Year-End Key Well Levels

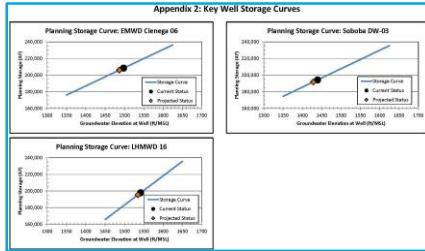
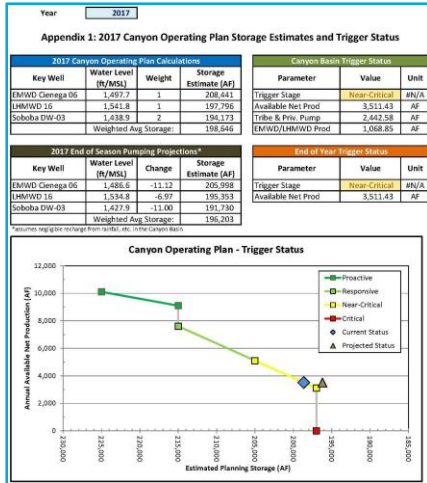
Key Well	Projected Water Level (ft/MSL)	Projected Change in Water Level (ft)	Projected Estimated Planning Storage (AF)	Projected Changed in Estimated Planning Storage (AF)
EMWD Cienega 06	1,486.6	-11.12	205,998	- 2,443
LHMWD 16	1,534.8	-06.97	195,353	
Soboba DW-03	1,427.9	-11.00	191,730	
Weighted Average Planning Storage (AF)			196,203	

- Sub-Basin Trigger Status Projected as “Critical” for 2018
 - No Net Pumping for EMWD and LHMWD

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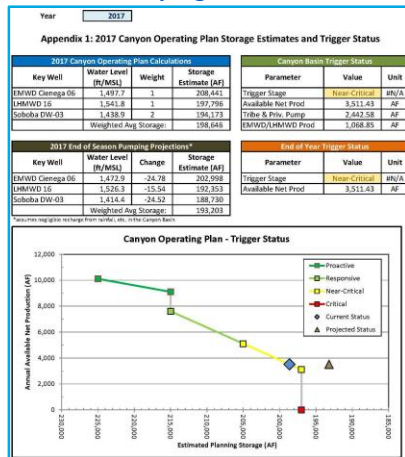


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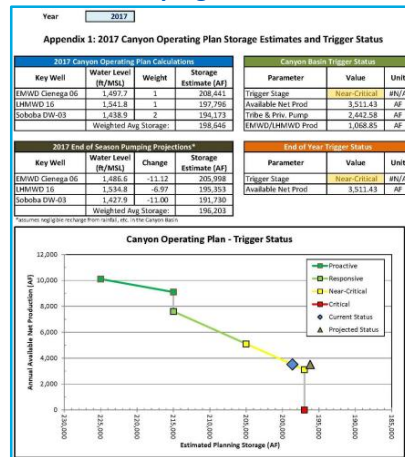


Canyon Operating Plan – 2017 Planned Groundwater Pumping

EMWD and LHMWD 3,000 AF Pumping



EMWD and LHMWD 0 AF Net Pumping



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- Historical Groundwater Production and Artificial Recharge

	Annual Trigger Status	Available Trigger Production (AF)	EMWD Production (AF)	LHMWD Production (AF)	Production Sub-Total (AF)	Artificial Recharge (AF)	Net Production Sub-Total (AF)	Carry-Over Deficit Production (AF)
2015	Critical	0.000	0.000	510.937	510.937	0.000	-510.937	-510.937
2016	Critical	0.000	977.113	1,197.915	2,175.028	3,514.060	1,339.032	828.095
2017	Near-Critical	1,068.850						

	Annual Trigger Status	Available Trigger Production (AF)	Soboba Tribe Production (AF)	Private Production (AF)	Production Sub-Total (AF)	Net Production Sub-Total (AF)	Carry-Over Deficit Production (AF)
2015	Critical	2,332.060	1,049.120	1,006.666	2,055.786	276.274	276.274
2016	Critical	2,444.800	1,126.488	1,006.667	2,133.155	311.645	587.919
2017	Near-Critical	2,442.580					



Contact Information

Michael D. Nusser
 Water Resources Planning Manager
 (951) 928-3777 Ext. 4514
 nusserm@emwd.org



Storage Agreement Guidelines

Judgment Section 6.6.4: Meeting Water quality requirements by Regional Board and Soboba Settlement.

Judgment Section 6.7.2.2: Watermaster first right to purchase...

Judgment 6.7.2.3: Extraction shall exclude losses...

Judgment Section 6.7.5: Recovery shall not include water escaped or migrated outside the Management Area.

Judgment Section 6.10: Export shall not interfere with the Management Plan or any other Public Agency's operation.

Rules and Regulations Section 9.1: Unused storage capacity may be used for "put and take" operations with Supplemental Water provided that:

- a. Such operations do not interfere with the rights of any other pumper, or with the use of the storage capacity for Recharge and storage under the Water Management Plan.
- b. Watermaster shall have the first right to purchase any water available for Recharge for use under the Plan... implementation of the Storage Agreement will not significantly impact the implementation of the Plan and the availability of supplemental water supplies and/or interfere with ongoing Watermaster operations and/or ongoing operations pursuant to previously-approved Storage Agreements or production by the Public Agencies.
- c. Later recovery of Stored Water shall exclude losses....
- d. Such recovered water may be used anywhere within the service area of the Party.
- e. The rights to such Stored Water may be transferred while still in storage.

Rules and Regulations Section 9.3: Each groundwater Storage Agreement shall include, but not be limited to, the following components:

- a. The quantities and terms of the storage right;
- b. A statement of the priorities of the storage right as against Safe Yield uses and other storage rights.
- c. The projected delivery rates, together with projected schedules and procedures for spreading, injection or in-lieu deliveries of Supplemental Water for direct use;
- d. The calculation of storage water losses and annual accounting for water in storage; and
- e. The establishment and administration of withdrawal schedules, locations and methods.

Soboba Settlement Agreement Section 4.4.I: Pre-Deliveries. MWD shall have complete discretion concerning use of the 40,000 acre feet of storage capacity for the pre-delivery of Imported Water....