

A G E N D A
BIG BEAR MUNICIPAL WATER DISTRICT

BOARD OF DIRECTORS
Regular Meeting
December 19, 2013

PLACE: Big Bear Municipal Water District
40524 Lakeview Drive, Big Bear Lake, CA 92315

Next Resolution Number: 2013-12

OPEN SESSION: 1:00 P.M.

- 1. CALL TO ORDER**
- 2. PLEDGE OF ALLEGIANCE**
- 3. DISCUSSION AND ACTION ON CLOSED SESSION ITEMS**
- 4. REPORTS**
 - A. General Manager
 - B. Lake Manager
 - C. Legal
 - D. Committee
 - E. Other
- 5. CONSENT CALENDAR**
 - A. Minutes of a Regular Meeting of November 21, 2013
 - B. Minutes of a Special Meeting Workshop of November 22, 2013
 - C. Warrant List dated December 11, 2013 for \$106,327.23
 - D. Consider approval of a Special Event Permit for Aaron's Big Bear Lake Bass Tournament Championship Series
 - E. Consider approval of a Resolution of the Board of Directors of Big Bear Municipal Water District amending Resolution No. 2013-01 (Administrative Code) as it relates to Longevity Incentives
- 6. BUSINESS**
 - A. Consider approval of the Dorothy Allen Porter Trust Fawnskin Dredge project sale of a sliver fill easement from the District
 - B. Consider approval of a proposal from Tom Dodson & Associates to prepare environmental documentation for the Dorothy Allen Porter Trust/Giebelhouse Fawnskin Dredge Project
 - C. Consider approval of a Resolution of the Board of Directors of Big Bear Municipal Water District adopting Workers Compensation Coverage for volunteers

7. PUBLIC FORUM

(The Board will receive comments from the public on items not on the agenda; no action is permitted on these items. Time set aside not to exceed 30 minutes total by all participants)

8. ANNOUNCEMENTS

9. DIRECTOR COMMENTS

10. ADJOURNMENT TO CLOSED SESSION

11. CLOSED SESSION

Adjourn to closed session under Government Code Section 54956.8 Conference with Real Property Negotiator, Scott Heule General Manager, concerning 440 Catalina, Big Bear Lake, California, APN #2328-202-15, #2328-202-08, #2328-291-27

NEXT MEETING: Open Session at 1:00 P.M.
Thursday, January 2, 2014
Big Bear Municipal Water District
40524 Lakeview Drive, Big Bear Lake, CA

PLEASE NOTE:

If you wish to address the MWD Board of Directors during discussion of an agenda item, or during the PUBLIC FORUM, please complete a Speaker Request card (blue in color) and give it to the Board Secretary. Unless a detailed presentation of an agenda item is required by the Board of Directors, it is requested that each speaker limit comments to FIVE MINUTES. All testimony given before the Board of Directors is tape recorded.

Agenda related writings or documents provided to the Board of Directors are available for public inspection at www.bbmwd.org or in the District office during business hours, 8:00 am – 4:30 pm Monday – Friday.

Big Bear Municipal Water District wishes to make all of its public meetings accessible to the public. If you need special assistance to participate in this meeting, please contact the Board Secretary. Notification 48 hours prior to the meeting will enable the District to make reasonable arrangements to ensure accessibility to this meeting

***MINUTES OF A REGULAR MEETING OF
BIG BEAR MUNICIPAL WATER DISTRICT
HELD ON THURSDAY, NOVEMBER 21, 2013***

CALL TO ORDER

President Smith called the Open Session to order at 1:03 PM. Those in attendance included Director Murphy, Director Lewis, Director Suhay, Director Eminger, District Counsel Wayne Lemieux (via Skype), General Manager Scott Heule, Lake Manager Mike Stephenson, and Board Secretary Vicki Sheppard.

DISCUSSION AND ACTION ON CLOSED SESSION ITEMS

President Smith reported that there was no closed session at the meeting of November 7th.

REPORTS

Mr. Heule reported that he wants to keep everyone up to date on continuing studies related to the proposed amendment to the in-lieu agreement. He explained that Don Evenson and Valley District's modeler have had lengthy discussion about details of the model that has been prepared. He stated that Mr. Evenson identified several corrections that need to be made to accurately reflect operations based on past hydrology. He added that significant changes have been made regarding calculation of evaporation, timing of releases from the Lake and Lake delivery versus in-lieu delivery schedules. He commented that Mr. Evenson anticipates that these corrections will significantly reduce the cost to Valley District compared to what has been discussed previously. He explained that Mr. Evenson anticipates that new costs for Valley District for this amendment will be produced within the next two to four weeks. Mr. Heule reported that DWR's (Department of Water Resources) initial allocation just reported yesterday to State Water Project contractors is going to be just 5% of their Table A amounts. He explained that for Valley District that would mean they would only get about 5000 acre-feet of the roughly 100,000 acre-feet that they are contracted for. He added that to make matters worse extensive ground water pumping in the central valley is causing subsidence of the land surface, which is threatening the effective operation of flood control facilities, canal operations and is even impacting the design considerations of the high speed rail system. Mr. Heule announced that the Rotary Santa program will be headquartered here at the District Board room. He added that deliveries are already arriving and will be stored in the back of the room. He explained that the evening of December 12th packages will be wrapped and stockings will be stuffed and then stockpiled for the Santa visits on Thursday, Friday, and Saturday nights December 19, 20, and 21.

Lake Manager Mike Stephenson reported that the Marina Task Force meeting yesterday was productive adding that he feels that there was good communication with the marinas. He added that staff still has a few more projects to work on before the end of the season explaining that all seasonal staff will be laid off by December 4th. He reported that they are going to add a few more mooring balls at the dam. He gave an update on the Marina Point project explaining that he check on it yesterday and everything is progressing successfully adding that they are on target. He reported that the silt curtain arrived yesterday and will be in place today. He added that David

Woelfel (California Regional Water Quality Control Board) will let him know when it is in place. He commented that they moved a lot of dirt explaining that they are following the permit. Director Murphy commented that the Marina Task Force meeting went well.

APPROVAL OF CONSENT CALENDAR

Upon a motion by Director Eminger, seconded by Director Suhay, the following consent items were unanimously approved:

- Minutes of a Regular Meeting of November 7, 2013
- Warrant List dated November 12, 2013 for \$36,534.15

CONSIDER APPROVAL OF EXTENDING THE 2012 MOU BETWEEN BIG BEAR MUNICIPAL WATER DISTRICT (BBMWD) AND SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT (VALLEY DISTRICT) FOR AN ADDITIONAL YEAR

Mr. Heule reported that the Watermaster Committee and Board of Directors has been working diligently on evaluating a proposal that would eliminate future cost increases in the District's in-lieu agreement with Valley District in exchange for storage in Big Bear Lake. He explained that the 1996 in-lieu agreement provides for an increase in the in-lieu payment amounting to between \$80,000 and \$100,000 beginning in fiscal year 2017-18. He added that an MOU signed by the District and Valley District in July 2012 that is being used to study all aspects of a proposed amendment to the in-lieu agreement needs to be extended for an additional year in order for engineers to fully evaluate potential costs and benefits to both parties. He commented that at a recent workshop attended by the Directors of both Districts, Board members indicated an interest in continuing the necessary investigations and modeling that would ultimately reveal if the proposed in-lieu agreement amendment would benefit both agencies. He reported that extending the 2012 MOU would provide the time necessary and protect the interests of both parties as the studies continue. Mr. Heule explained that since the agenda came out, Valley District submitted a revised version (see red lined version attached). District Counsel Wayne Lemieux stated that this version is acceptable commenting that it does not change anything that is in place.

Director Suhay moved approval of extending the 2012 MOU (red-lined version attached) between Big Bear Municipal Water District and San Bernardino Valley Municipal Water District for an additional year. Director Murphy seconded the motion and it was unanimously approved.

PUBLIC FORUM

Mr. Christopher Verhulst addressed the Board explaining that he is trying to start a ferry service on Big Bear Lake. He stated that he purchased a ferry boat adding that it is ADA compliant. He reported that he is working on a concession permit with Pine Knot Marina. He explained that he would like to take children and adults in wheel chairs fishing on the boat. He added that he would also like to stop at various places around the lake and pick up and drop off passengers. He asked if he could get a concession permit from the District. Mr. Heule explained that he would have to obtain a concession permit with a marina adding that we will not issue a commercial permit in competition with the marinas. Director Suhay explained that the marina operator would have to come to the District with the proposal. ADA compliant boats, gangways, ramps

and docks were discussed. Mr. Verhulst explained that his purpose in being here today is to make the District aware of what he is trying to do. Mr. Heule explained that no decision can be made today and suggested that he make an appointment to discuss this with District staff. President Smith stated that he appreciates Mr. Verhulst coming in today to explain his proposal.

ANNOUNCEMENTS

Mr. Heule reported that it appears at this time that two Board members and the General Manager will be out of town during the first Board meeting in December. He explained that the Administrative Committee is suggesting that the December 7th meeting be cancelled. He reported that the Administrative Committee has also determined that the Office will be closed from mid-day Christmas Eve and reopened on Monday morning January 6, 2014. He stated that employees will be using vacation time, unused holidays and comp time for the closure period, adding that no District costs are associated with this closure. Mr. Heule reported that the Administrative Committee also is recommending that the January Board meetings be rescheduled to the second and fourth Thursdays during this five Thursday month explaining that this is needed because of the office closure schedule. He stated that at the next Board meeting Directors will be considering a recommendation from the Lake Improvement Committee concerning a request to purchase an easement for dredge purposes on a Fawnskin sliver fill parcel.

DIRECTOR COMMENTS

No comments were made

ADJOURNMENT TO CLOSED SESSION

The meeting was adjourned to Closed Session at 1:46 P.M under Government Code Section 54956.8 Conference with Real Property Negotiator, Scott Heule General Manager, concerning 440 Catalina, Big Bear Lake, California, APN #2328-202-15, #2328-202-08, #2328-291-27

RECONVENE TO OPEN SESSION

The meeting was reconvened to Open Session at 2:00 P.M.
No reportable action.

ADJOURNMENT

There being no further business, the meeting was adjourned at 2:01 P.M.

NEXT MEETING

Open Session at 1:00 P.M.
Thursday, December 5, 2013
Big Bear Municipal Water District
40524 Lakeview Drive, Big Bear Lake, CA

Vicki Sheppard
Secretary to the Board
Big Bear Municipal Water District

(SEAL)

**AMENDMENT NO. 1
TO
JULY 2012 MEMORANDUM OF UNDERSTANDING
BETWEEN
BIG BEAR MUNICIPAL WATER DISTRICT (BIG BEAR)
AND
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT
(VALLEY DISTRICT)**

1. BIG BEAR and VALLEY DISTRICT entered into an agreement on February 1, 1996 which provides, among other things, for VALLEY DISTRICT to deliver In-Lieu water to Bear Valley Mutual Water Company (MUTUAL) in accordance with BIG BEAR's Lake Release Policy as contained in "Exhibit 1" to said agreement.
- ~~1.2.~~ BIG BEAR and VALLEY DISTRICT entered into Memorandums of Understanding on February 1, 2006 and September 7, 2006 modifying the compensation to VALLEY DISTRICT for additional In-Lieu Delivery each of which remain in full force and effect and are not changed by this Amendment.
- ~~2.3.~~ BIG BEAR and VALLEY DISTRICT entered into a Memorandum of Understanding on July 5, 2012, which provides, among other things, for VALLEY DISTRICT and BIG BEAR to develop modifications to the 1996 In-Lieu Agreement that will create additional benefits for each party and to replicate the conditions of the June 1999 Memorandum of Understanding to provide Valley District with the capability to deliver high elevation In-Lieu water from Big Bear Lake to MUTUAL during construction of the East Branch Extension Phase II (EBX II) of the State Water Project (SWP).
- ~~3.4.~~ This The July 2012 Memorandum of Understanding is scheduled to expire on December 31, 2013.
- ~~4.5.~~ Development of Thethe modifications to the 1996 In-Lieu Agreement under the July 2012 MOU are progressing but the details are still under development and will take additional time to complete.
- ~~5.6.~~ Construction of the EBX II of the SWP is not complete and consequently the potential remains that ~~Valley District~~ VALLEY DISTRICT may need high elevation water from Big Bear Lake to meet MUTUAL's In-Lieu water needs.
- ~~6.7.~~ VALLEY DISTRICT and BIG BEAR desire to extend the July 2012 Memorandum of Understanding for an additional year to complete the modifications to the 1996 Agreement and to continue to provide the capability for ~~Valley District~~ VALLEY DISTRICT to provide high elevation water to Mutual during construction of the EBX II of the SWP.
- ~~7.8.~~ The ending date of December 31, 2013 as referenced in Sections 7, 12, 13 and 15 of the July 2012 Memorandum of Understanding will be changed to December 31, 2014.
- ~~8.9.~~ Except as provided in this Amendment Aall other terms and conditions of the July 2012 Memorandum of Understanding will remain unchanged and in full force and effect.
- ~~9.10.~~ This Amendment This Memorandum of Understanding shall be effective as of the date shown below.

DATED: _____, 2013

BIG BEAR MUNICIPAL WATER DISTRICT

By: _____
Vince Smith, President

By: _____
Vicki Sheppard, Secretary

SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

By: _____
C. Patrick Milligan, President

By: _____
Ed Killgore, Secretary

**MINUTES OF A SPECIAL MEETING WORKSHOP OF
BIG BEAR MUNICIPAL WATER DISTRICT
HELD ON THURSDAY, NOVEMBER 22, 2013**

The Open Session workshop began at 10:30 AM. Those in attendance included President Smith, Director Murphy, Director Lewis, Director Suhay, Director Eminger, General Manager Scott Heule, Lake Manager Mike Stephenson, and Board Secretary Vicki Sheppard.

Other staff members and members of the public were present (see attached sign-in sheet)

Aquatic Plant Management Program

Mr. Stephenson made a power point presentation (copy attached) discussing the history of the weed program, our current efforts and current lake conditions, TMDL targets, what could we have done differently in 2013, full harvesting program costs, Lake levels vs. littoral zone, and where do we go from here.

A member of the public (name not disclosed) stated that he sees a decrease of people coming up to Big Bear because they can't fish due to the weeds. He added that he thinks something is happening to the fish asking how we bring people to the lake with poor fishing conditions along with a lack of fish. Mr. Stephenson reported that our records of visitors to the lake are based on boat permit sales and they are not down. Mr. Heule stated that we have an obligation that we must meet in the TMDL as far as aquatic plants in the lake and that obligation is beyond our control. He added that we try and balance everything; weeds, aesthetics, and navigation. Mr. Mason Perry (member of the public) commented that it may appear like there are more weeds along the shore since the water level is down. Mr. Jim Dooley commented that the band of weeds along the shore is bad for paddling and it seems like there are more weeds than last year. Mr. Stephenson responded that the band of weeds along the shore actually used to be larger but due to the lower water level it may appear larger. Director Murphy asked if we decided to buy more harvesting equipment how long would it take to get it. Mr. Stephenson explained that he believes it may be fairly soon after the bid process. President Smith explained that we would need to determine where the money for the equipment would come from. A member of the public (name not disclosed) asked that as a resident, what he could do to help improve the bad fishing in the lake (suggesting more fishing events like the one sponsored by Western Outdoor News). Mr. Heule explained that this is an information only workshop and no decisions can be made at this time. Mr. Paul Beaty, valley resident and former owner of an aquatic management firm, reported that there is a grass carp that can eat milfoil. He asked if we had looked into this as a bio-control option for weed eradication explaining that they have saved multi-millions of dollars in harvesting costs in other lakes in California. He added that this is a unique fish, not a common carp. Mr. Stephenson reported that he is aware of the grass carp adding that Fish & Wildlife has issues for its use on Big Bear Lake. He explained that the weed problem in Big Bear Lake is multi-faceted and a scientific balancing act. Mr. Heule asked where the Board wants to go from here. Director Lewis stated that she would like direction from staff and asked what Mr. Stephenson suggests we do. Director Eminger commented that he understands the importance of the tourist population adding that we will do everything we can to address that. He asked how many fish the District raised this last year. Mr. Stephenson stated 3,000. It was the consensus of the Board to address the following:

- Identify popular fishing areas for harvesting efforts
- Look into purchase of harvesting equipment and associated staffing costs
- Staff recommendations and options

ADJOURNMENT

There being no further business, the workshop was adjourned at 12:06 PM.

Vicki Sheppard
Secretary to the Board
Big Bear Municipal Water District

(SEAL)

Workshop Sign-in Sheet November 22, 2013

NAME/AFFILIATION	ADDRESS	TELEPHONE NO EMAIL ADDRESS
Skip Suttay	P.O. Box 795 BBL	SkipSuttay@live.com 909 866-8203
Todd Murphy	P.O. Box 425 Fawnstn	todd.kathy.murphy@hotmail.com 909-289-0353
Maryann Lewis	Po Box 6825 BBL	maryannlewis014@yahoo.com
Vince Smith		
John Emerger	P.O. Box 482 BBL	585 8644
Judith Bowers	PO Box 1789 BBL	jbowers.grizzly@gmail.com
Catrina Rabago	P.O. Box 6766	
MASON PERRY	PO BOX 1892 BBC	909 725 7741
DAVE HENDERSON	Po Box 1749 BBL	762 233 7310
BOB AMERQUITA	P.O. Box 6291 BBL	626 318-3235 bobamerquita@hotmail.com
PAUL BEATY	1112 Crater Mt. BBL	760-272-7444 pbeaty7@aol.com
JIM DOOLEY	PO Box 98 FAWN 92273	JDOOLEY@DOOLEY-COMPANY.COM 9098663414

WEEDS

Where are we and where do we want to be?

SUMMARY

- History
- Current efforts
- Current lake condition
- TMDL targets
- What could we have done differently in 2013?
- Full harvesting program costs
- Lake level vs. littoral zone
- Where do we go from here?

HISTORY

- Harvesting began early 60's continued full scale until 2004
- Aquamog efforts 1984-2004
- By 2000 Lake was infested with 1,090 acres milfoil
- 2002 major Fluridone treatment approx. \$750,000
- 2003-2004 Lake level dropped to -18.6'
- 2005-2006 minimal treatment efforts accrued

2008 ALGAE BLOOM



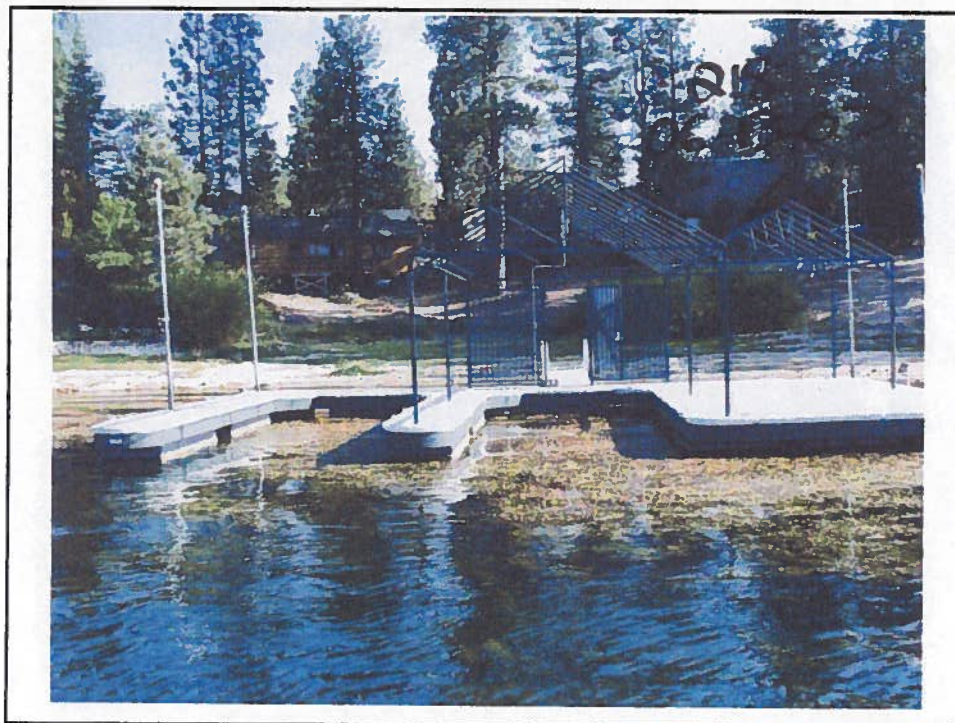
HISTORY cont.

- 2007 some milfoil treatments performed by Aquatechnex

2008	650 acres milfoil
2009	450 acres milfoil
2010	317 acres milfoil
2011	350 acres milfoil
2012	187 acres milfoil
2013	134 acres milfoil

CURRENT EFFORTS

- Treat all milfoil observed with systemic herbicide
- Harvest natives as needed for navigation
- Treat natives with contact herbicide for navigation when appropriate
- Treat all blue-green algae blooms



PESTICIDES USED

(herbicides and algaecides)

- Diquat (contact)
- Endothall (contact-ish)
- Fluridone (systemic)
- Triclopyr (systemic)
- Glyphosate (contact)
- Peroxyhydrate (oxidizer)
- Surfactants/adjuvants (penetrant)

2013 COST OF EFFORTS

HARVESTING • \$22,828.08

GRANULAR TREATMENT • \$87,705.00

LIQUID TREATMENT • \$19,027.78

TOTAL • \$129,560.86

AQUATIC VEGETATION

- Eurasian watermilfoil (non-native highly invasive)
- Coontail (native invasive)
- Curly-leaf pondweed (native can be invasive)
- Common elodea (native)
- Widgeon grass (native)
- Water smartweed (native)
- Sago pondweed (native)
- Chara (macroalgae)

NUTRIENT CALCULATION

WEED HARVESTING/ NUTRIENT REMOVAL 2013

Date	# Loads	% Milfoil	% Coontail	% Elodea	Total Wet Weight Lbs	Total Dry Weight Lbs	Milfoil Phosphorus Pounds	Coontail Phosphorus Pounds	Elodea Phosphorus Pounds	Total Phosphorus Pounds	Milfoil Nitrogen Pounds	Coontail Nitrogen Pounds	Elodea Nitrogen Pounds	Total Nitrogen Pounds	Emp. Unload Min.	Emp. Harvest Min.	Emp. Prep Cost
					18,525	1,931.02	6.20	0.58	0.00	6.78	44.05	4.89	0.00	48.95	82.5	387.5	
6/14/2013	2.75	80%	10%	0%	5,325	526.84	1.28	0.32	0.00	1.58	10.68	2.67	0.00	13.35	22.5	457.5	\$97.63
6/17/2013	0.75	80%	20%	0%	7,100	702.19	1.89	0.21	0.00	2.10	16.02	1.78	0.00	17.80	30	450	\$24.60
6/18/2013	1	80%	10%	0%	39,050	3,882.05	2.31	8.87	0.00	11.58	19.58	73.42	0.00	97.89	165	315	\$195.30
6/19/2013	8.8	20%	75%	0%	51,475	5,080.88	6.09	9.14	0.00	15.24	51.62	77.42	0.00	129.04	217.5	282.5	\$178.09
6/20/2013	7.25	40%	60%	0%	7,100	702.19	2.10	0.00	0.00	2.10	17.80	0.00	0.00	17.80	30	450	\$24.60
6/21/2013	1	100%	0%	0%	10,650	1,053.29	3.15	0.00	0.00	3.15	28.70	0.00	0.00	28.70	45	435	\$36.90
6/26/2013	1.8	80%	5%	0%	10,650	1,053.29	2.99	0.18	0.00	3.15	25.96	1.30	0.00	26.70	45	435	\$36.90
6/27/2013	2	85%	5%	0%	14,200	1,404.38	3.89	0.21	0.00	4.20	33.82	1.78	0.00	35.60	60	420	\$48.80

NUTRIENT

# Loads	% Nitrate	% Calcium	% Chloride	Total Wet Weight Lb's	Total Dry Weight Lb's	Metals Phosphorus Pounds	Central Phosphorus Pounds	Closest Phosphorus Pounds	Total Phosphorus Pounds	Metals Nitrogen Pounds	Central Nitrogen Pounds	Closest Nitrogen Pounds	Total Nitrogen Pounds	Emp. Unload Min.	Emp. Harvest Min.	Emp. Prep Cost	Employee Harvesting Cost
196.8				1,105,825	108,368.09				327.31				2,772.12	4,873	23,168	\$3,831.45	\$16,997.35
# Loads	Wet Weight		Dry Weight	Phosphorus				Nitrogen				TOTAL MIN.		Employee Cost			
												27,840		TOTAL \$22,825.80			

Fuel Cost Per Day	No. of Days	TOTAL FUEL COST
\$40.00	57	2280.00

TREATMENT SUMMARY

WEED TREATMENT 2013				Employee Cost						Cost of Treatment					
Date	Zone	Dock %	Lake %	Prep Time in Min.	Total App. Min.	Dock Min.	Lake Min.	Dock	Lake	Prep	Total lbs.	# lbs. Dock	# lbs. Lake	Dock	Lake
5/29	28,29	25%	75%	30	60	15	45	\$12.30	\$36.90	\$24.60	1400	350	1050	\$1,221.50	\$3,664.50
5/29	29	100%	0%	30	30	30	0	\$24.60	\$0.00	\$24.60	260	260	0	\$907.40	\$0.00
5/29	2	5%	95%	30	30	1.5	28.5	\$1.23	\$23.37	\$24.60	540	27	513	\$94.23	\$1,790.37
5/29	20	100%	0%	30	60	60	0	\$49.20	\$0.00	\$24.60	750	750	0	\$2,617.50	\$0.00
5/29	20	10%	90%	30	15	1.5	13.5	\$1.23	\$11.07	\$24.60	270	27	243	\$94.23	\$948.07
5/29	20	20%	80%	30	15	3	12	\$2.46	\$9.84	\$24.60	160	32	128	\$111.68	\$446.72
5/29	18	40%	60%	30	45	18	27	\$14.76	\$22.14	\$24.60	1000	400	600	\$1,396.00	\$2,094.00
5/29	19	90%	10%	30	30	27	3	\$22.14	\$2.46	\$24.60	700	630	70	\$2,198.70	\$244.30
5/30	55	35%	65%	30	30	10.5	19.5	\$8.61	\$15.99	\$24.60	550	192.5	357.5	\$671.83	\$1,247.68
5/30	47	15%	85%	30	30	4.5	25.5	\$3.69	\$20.91	\$24.60	1100	165	935	\$575.85	\$3,263.15
5/30	50	50%	50%	30	60	30	30	\$24.60	\$24.60	\$24.60	1400	700	700	\$2,443.00	\$2,443.00

ON TARGET FLAKE (OTF)

WEED TREATMENT 2013										Employee Cost			Cost of Treatment				
Date	Zone	Dock %	Lake %	Prep Time in Min.	Total App. Min.	Dock Min.	Lake Min.	Dock	Lake	Prep	Total lbs.	# lbs. Dock	# lbs. Lake	Dock	Lake		
		48.46%	51.54%	1170	1,740	674	1,066	\$553	\$874	\$959	24,365	8,019	16,347	\$27,984.57	\$57,049.29		
		Dock %	Lake %	TOTAL MIN.	Dock Time	Lake Time	Employee Cost			lbs	# lbs. Dock	# lbs. Lake	Treatment Cost				
				2910			TOTAL \$2,386.20						TOTAL \$85,033.85				
		Fuel Cost Per Day	Days	TOTAL											GRAND TOTAL		\$87,700.05
		\$40.00	7	\$280.00													

LIQUID TREATMENT

WEED TREATMENT 2013										Employee Cost			Cost of Treatment				
Date	Zone/ H	Dock %	Lake %	Prep Time in Min.	Total App. Min.	Dock Min.	Lake Min.	Dock	Lake	Prep	Total gals.	Gals. Dock	Gals. Lake	Dock	Lake		
		75.14%	24.86%	1050	2,970	1,598	1,372	\$1,310	\$1,125	\$861	155	47	108	\$4,670.79	\$10,740.58		
		Dock %	Lake %	TOTAL MIN.	Dock Time	Lake Time	Employee Cost			lbs	# lbs. Dock	# lbs. Lake	Treatment Cost				
				4020			TOTAL \$3,296.40						TOTAL \$15,411.38				
		Fuel Cost Per Day	Days	TOTAL											GRAND TOTAL		\$19,027.78
		\$40.00	8	\$320.00													

2013 AQUATIC PLANT COST

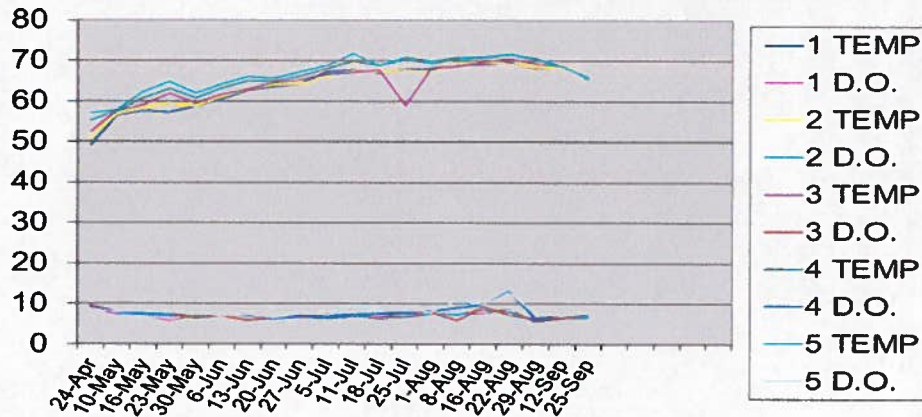
Granular total	\$87,700.05
Liquid total	\$19,070.28
Harvesting/dep	\$34,828.00
Totals	\$141,598.33

CURRENT LAKE CONDITIONS

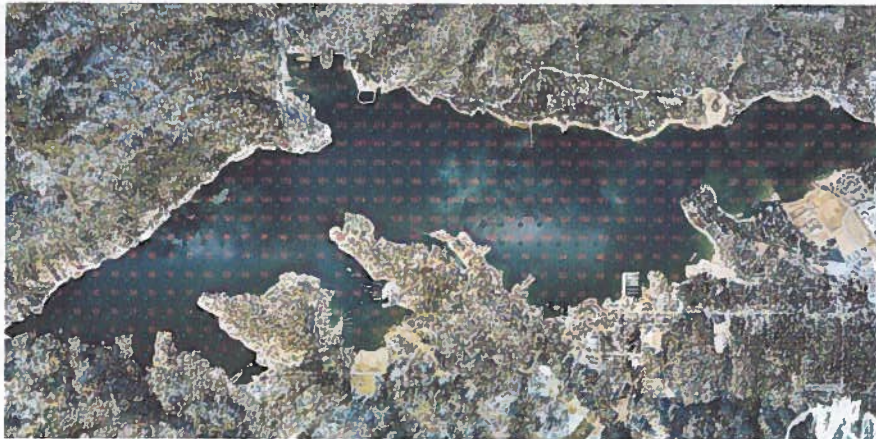
- 134 acres Milfoil
- Approximately 300 acres coontail
- Approximately 100 acres macro algae
- Fair variety other natives
- Very high D.O.
- No planktonic algal blooms
- Very good water clarity

D.O. graph

2013 Mid-depth Temp/DO



SURVEY POINTS



2013 LITTORAL ZONE



2011 MILFOIL MAP



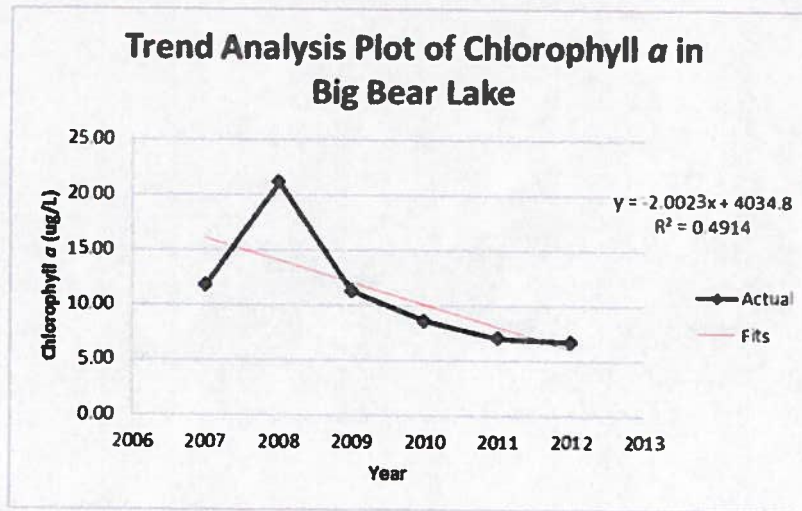
2012 MILFOIL MAP



TMDL TARGETS

- Chlorophyll a 14 ug/L
- Phosphorous 35 ug/L average during growing season
- Milfoil reduction 95% on total lake area basis
- 30-40% aquatic plant coverage on total lake area basis

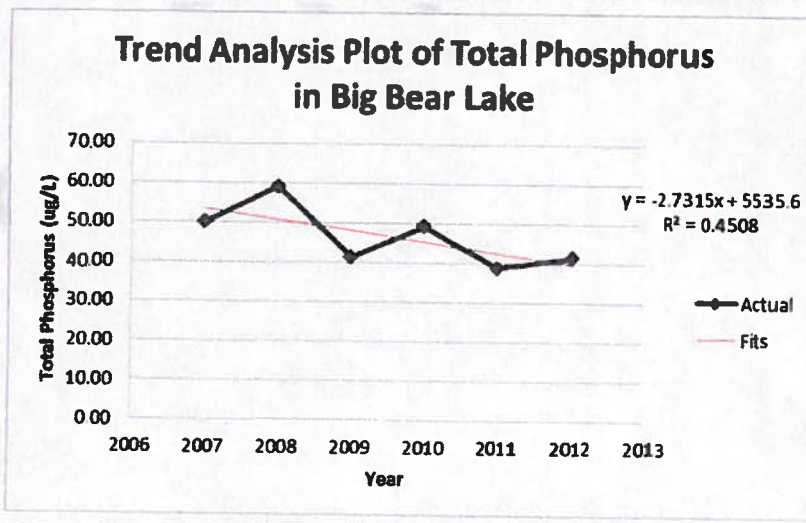
5 YEARS CHLOROPHYLL TRENDS



2008 ALGAE BLOOM



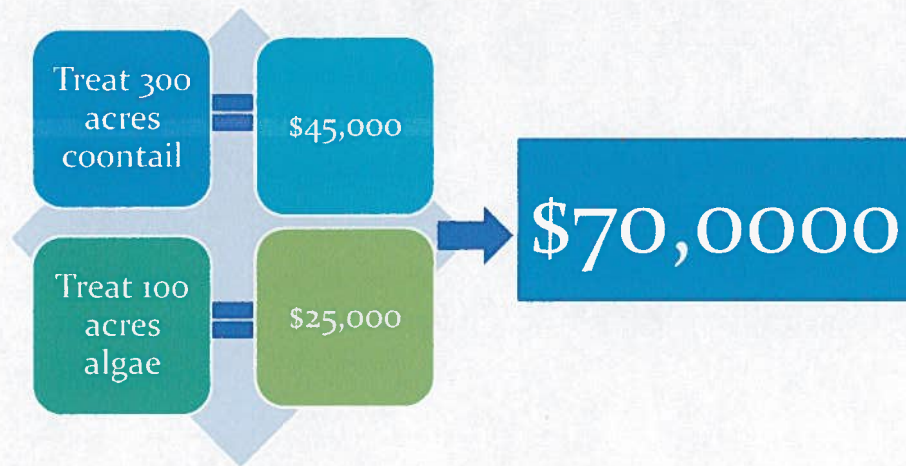
5 YEARS PHOSPHORUS TRENDS



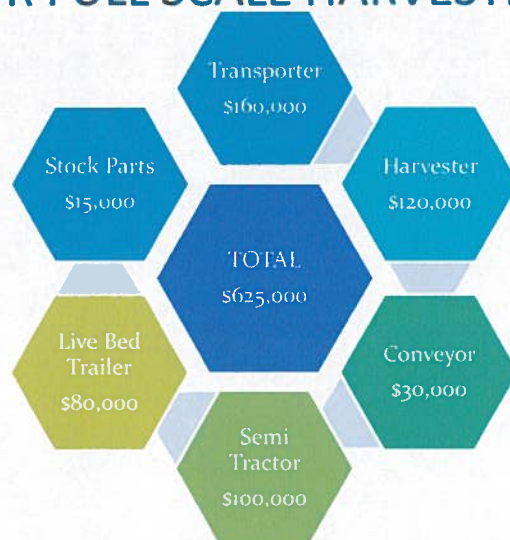
AESTHETICS?

- Harvest milfoil (**bad idea**)
- Treat all visible native plants
- Treat all macroalgae
- Ignore pay cuts

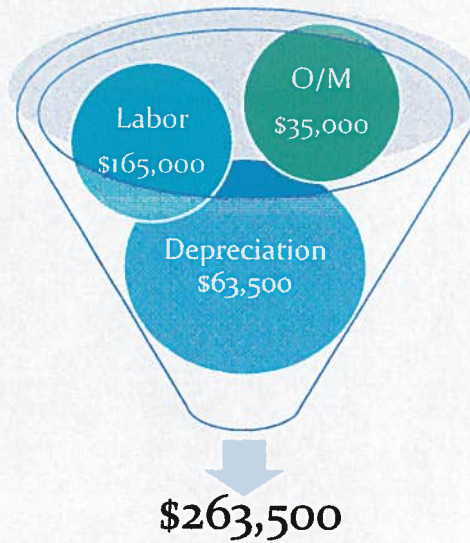
COST FOR AESTHETIC TREATMENT



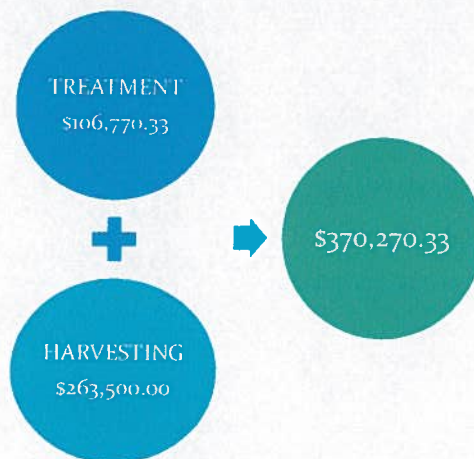
INITIAL PURCHASES FOR FULL SCALE HARVESTING

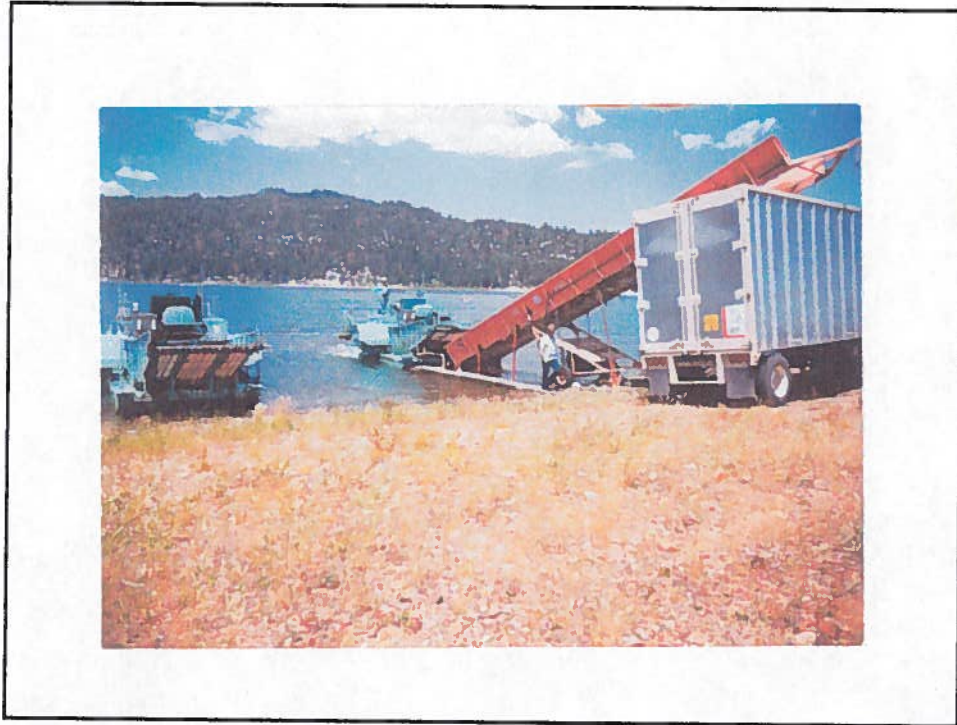


ANNUAL COST OF FULL SCALE HARVESTING



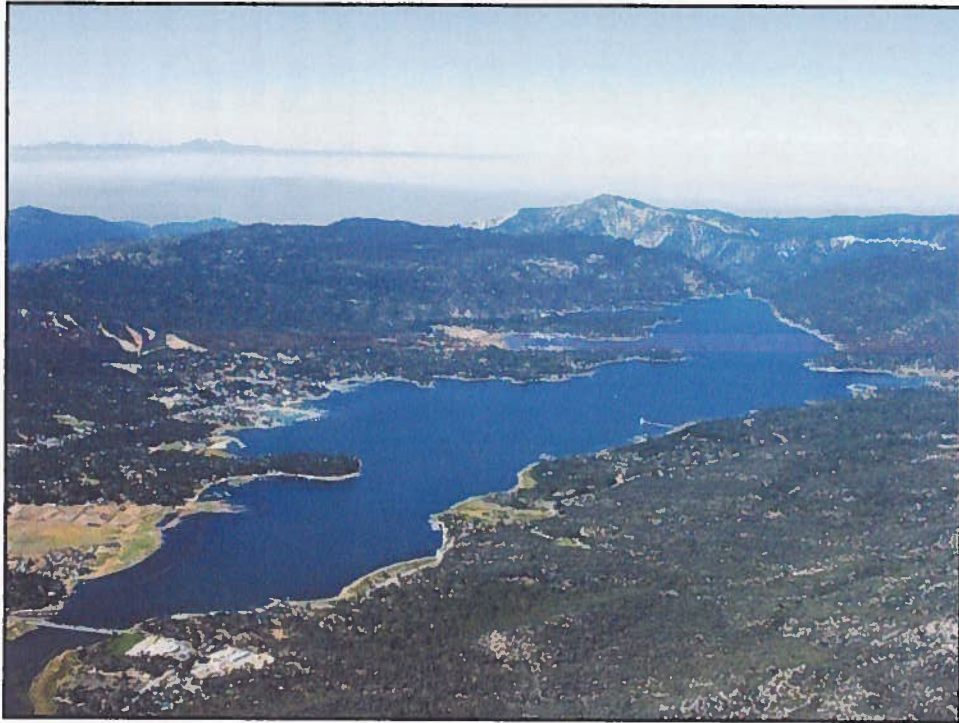
TOTAL ANNUAL COST OF FULL SCALE EFFORTS PROPOSED





So what do you want the
Lake to look like

??????????



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Big Bear MWD Warrant List Detail November 13 through December 10, 2013

Num	Type	Date	Name	Account	Paid Amount
151909	Liability Check	11/21/2013	LINCOLN NATIONAL	1001-01 · General Checking Account	
				2101-01 · Deferred Compensation	-1,525.00
TOTAL					-1,525.00
151910	Liability Check	11/21/2013	MID AMERICA APPLE PLAN	1001-01 · General Checking Account	
				2100-21 · Apple Plan - Company Pay	-421.76
				2100-20 · Apple Plan - Employee Pay	-421.76
TOTAL					-843.52
151911	Liability Check	11/21/2013	COLONIAL LIFE	1001-01 · General Checking Account	
				2100-17 · Colonial Life - Insure Payable	-77.22
				2100-18 · Colonial Life- Post Tax Payable	-39.02
				2100-19 · Colonial - Pre Tax Payable	-147.06
TOTAL					-263.30
151912	Liability Check	11/24/2013	AFLAC	1001-01 · General Checking Account	
				2100-08 · AFLAC Payable	-284.18
TOTAL					-284.18
151913	Check	11/24/2013	WESTERN OUTDOOR NEWS	1001-01 · General Checking Account	
375	Credit Memo	11/19/2013		2800-02 · Special Event Deposits	-500.00
TOTAL					-500.00
151914	Liability Check	11/24/2013	INFINITY TRUST (VSP)	1001-01 · General Checking Account	
				2100-09 · PR VSP Vision	-56.63
TOTAL					-56.63
151915	Check	11/24/2013	SANDFORD MICHAEL	1001-01 · General Checking Account	
377	Credit Memo	11/22/2013		4600-03 · REV OPS - Boat Permits	-110.00
TOTAL					-110.00
151916	Bill Pmt -Check	11/24/2013	ALL PROTECTION ALARM	1001-01 · General Checking Account	
474222	Bill	11/5/2013		5630-42 · OPS-Bldg/Fac Mtn/Rep-EAST RA...	-125.88
474140	Bill	11/5/2013		5630-10 · ADMIN-Bldg/Facility Maint/Rep	-198.45
474012	Bill	11/5/2013		5630-10 · ADMIN-Bldg/Facility Maint/Rep	-37.10
473759	Bill	11/5/2013		5630-10 · ADMIN-Bldg/Facility Maint/Rep	-41.96
TOTAL					-403.39
151917	Bill Pmt -Check	11/24/2013	BBLM	1001-01 · General Checking Account	
29	Bill	11/7/2013		5590-41 · OPS-Petroleum-VESSELS	-301.95
30	Bill	11/19/2013		5590-41 · OPS-Petroleum-VESSELS	-152.55
TOTAL					-454.50
151918	Bill Pmt -Check	11/24/2013	BVE	1001-01 · General Checking Account	
110720...	Bill	11/7/2013		5507-41 · OPS-Utilities-Main Office	-2,159.62
110720...	Bill	11/7/2013		5507-42 · OPS-Utilities-RV Park	-245.13
110720...	Bill	11/7/2013		5507-41 · OPS-Utilities-Main Office	-21.40
111320...	Bill	11/13/2013		5507-44 · OPS-Utilities-Trout Pond	-26.37
TOTAL					-2,452.52

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Big Bear MWD Warrant List Detail November 13 through December 10, 2013

Num	Type	Date	Name	Account	Paid Amount
151919	Bill Pmt -Check	11/24/2013	CHARTER COMMUNICATIONS	1001-01 · General Checking Account	
111620...	Bill	11/16/2013		5505-08 · ADMIN- Phone Office DSL	-274.99
TOTAL					-274.99
151920	Bill Pmt -Check	11/24/2013	CHEM-PAK	1001-01 · General Checking Account	
84155	Bill	11/14/2013		5504-31 · MAINT-Janitorial Supplies-Admin	-191.59
TOTAL					-191.59
151921	Bill Pmt -Check	11/24/2013	CITY OF BIG BEAR LAKE	1001-01 · General Checking Account	
RVPAR...	Bill	11/19/2013		5509-03 · ADMIN-Memberships-Subscriptions	-257.00
TOTAL					-257.00
151922	Bill Pmt -Check	11/24/2013	COMPUTER VILLAGE	1001-01 · General Checking Account	
129981	Bill	11/4/2013		5530-02 · ADMIN-Prof&Spec-ComputerCon... 5620-12 · ADMIN-Computer Maint/Repair	-400.00 -337.67
TOTAL					-737.67
151923	Bill Pmt -Check	11/24/2013	CONNELLY PUMPING SERVICE	1001-01 · General Checking Account	
14220	Bill	11/7/2013		5632-03 · MAINT-Portables Pumping/ Rent	-640.13
14219	Bill	11/7/2013		5632-03 · MAINT-Portables Pumping/ Rent	-440.00
14218	Bill	11/7/2013		5632-03 · MAINT-Portables Pumping/ Rent	-640.13
14217	Bill	11/7/2013		5632-03 · MAINT-Portables Pumping/ Rent	-510.18
14066	Bill	11/7/2013		5632-02 · MAINT-SS Reliefs Pumping	-470.00
TOTAL					-2,700.44
151924	Bill Pmt -Check	11/24/2013	CSB SOLID WASTE MANAGEM...	1001-01 · General Checking Account	
022995	Bill	11/13/2013		5630-30 · MAINT-Bldg/Facility Maint/Rep	-149.07
TOTAL					-149.07
151925	Bill Pmt -Check	11/24/2013	DISH NETWORK	1001-01 · General Checking Account	
110420...	Bill	11/4/2013		5507-41 · OPS-Utilities-Main Office	-70.00
TOTAL					-70.00
151926	Bill Pmt -Check	11/24/2013	DWP	1001-01 · General Checking Account	
111920...	Bill	11/19/2013		5507-44 · OPS-Utilities-Trout Pond	-84.24
TOTAL					-84.24
151927	Bill Pmt -Check	11/24/2013	EADIE & PAYNE	1001-01 · General Checking Account	
122573	Bill	11/13/2013		5530-01 · ADMIN-Prof&Spec-Eadie&Payne	-18,650.00
TOTAL					-18,650.00
151928	Bill Pmt -Check	11/24/2013	EVENSON DON (REIMBURSE)	1001-01 · General Checking Account	
103120...	Bill	10/31/2013		5570-06 · WATER-Travel Expense	-561.59
110620...	Bill	11/6/2013		5570-06 · WATER-Travel Expense	-530.68
TOTAL					-1,092.27

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Big Bear MWD Warrant List Detail

November 13 through December 10, 2013

Num	Type	Date	Name	Account	Paid Amount
151929	Bill Pmt -Check	11/24/2013	IPC	1001-01 · General Checking Account	
160266	Bill	10/21/2013		5580-41 · OPS-Boat Maintenance-Patrol	-202.48
TOTAL					-202.48
151930	Bill Pmt -Check	11/24/2013	MCMaster-CARR	1001-01 · General Checking Account	
642617...	Bill	11/4/2013		5630-41 · OPS-Bldg/Fac Mtn/Rep-RV PARK	-130.68
643074...	Bill	11/4/2013		5630-34 · MAINT-Bldg/Facil Maint/Rep-Boar	-492.61
TOTAL					-623.29
151931	Bill Pmt -Check	11/24/2013	MWH	1001-01 · General Checking Account	
1629868	Bill	10/3/2013		6100-06 · Dam Repair-Gen Engineering	-17,240.04
TOTAL					-17,240.04
151932	Bill Pmt -Check	11/24/2013	PITNEY BOWES RENTAL	1001-01 · General Checking Account	
109870...	Bill	11/13/2013		5501-01 · ADMIN-Post&Ship OFFICE	-329.94
TOTAL					-329.94
151933	Bill Pmt -Check	11/24/2013	SOUTHWEST GAS CORPORAT...	1001-01 · General Checking Account	
111420...	Bill	11/14/2013		5507-41 · OPS-Utilities-Main Office	-224.57
111420...	Bill	11/14/2013		5507-42 · OPS-Utilities-RV Park	-34.72
111520...	Bill	11/15/2013		5507-44 · OPS-Utilities-Trout Pond	-8.63
TOTAL					-267.92
151934	Bill Pmt -Check	11/24/2013	SWRCB	1001-01 · General Checking Account	
WD-00...	Bill	10/30/2013		5660-03 · Aquatic Plnt Ctrl SRWQCB Permit	-2,062.00
TOTAL					-2,062.00
151935	Bill Pmt -Check	11/24/2013	VALERO	1001-01 · General Checking Account	
111920...	Bill	11/19/2013		5590-42 · OPS-Petroleum-VEHICLES	-2,382.25
TOTAL					-2,382.25
151936	Bill Pmt -Check	11/24/2013	VERIZON CALIFORNIA	1001-01 · General Checking Account	
110120...	Bill	11/1/2013		5505-02 · ADMIN-Phones Ramps Local Svc	-50.70
110120...	Bill	11/1/2013		5505-02 · ADMIN-Phones Ramps Local Svc	-52.75
111320...	Bill	11/13/2013		5505-01 · ADMIN-Phones Local/Hardware/...	-53.18
TOTAL					-156.63
151937	Bill Pmt -Check	11/24/2013	VERIZON WIRELESS	1001-01 · General Checking Account	
971432...	Bill	11/3/2013		5505-06 · ADMIN-Phone Cell Phones	-76.02
				5505-11 · ADMIN-Phones Ramp Aircards	-62.42
				5505-11 · ADMIN-Phones Ramp Aircards	-62.42
971465...	Bill	11/9/2013		5505-06 · ADMIN-Phone Cell Phones	-150.46
TOTAL					-351.32

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Big Bear MWD Warrant List Detail November 13 through December 10, 2013

Num	Type	Date	Name	Account	Paid Amount
151938	Bill Pmt -Check	11/24/2013	BUTCHER'S BLOCK AND BUIL...	1001-01 · General Checking Account	
255285	Bill	11/6/2013		5630-30 · MAINT-Bldg/Facility Maint/Rep	-50.90
256099	Bill	11/8/2013		5630-31 · MAINT-Bldg/Facil Maint/Rep-Shop	-39.47
257619	Bill	11/14/2013		5630-41 · OPS-Bldg/Fac Mtn/Rep-RV PARK	-127.25
257942	Bill	11/15/2013		5630-41 · OPS-Bldg/Fac Mtn/Rep-RV PARK	-22.62
259844	Bill	11/21/2013		5630-31 · MAINT-Bldg/Facil Maint/Rep-Shop	-27.00
TOTAL					-267.24
151939	Bill Pmt -Check	11/24/2013	BVPRINTING	1001-01 · General Checking Account	
84581	Bill	11/13/2013		5510-40 · OPS-Public Info/Printing	-2,170.26
TOTAL					-2,170.26
151940	Bill Pmt -Check	11/24/2013	DIY HOME CENTER	1001-01 · General Checking Account	
10352	Bill	11/18/2013		5630-41 · OPS-Bldg/Fac Mtn/Rep-RV PARK	-10.76
TOTAL					-10.76
151941	Bill Pmt -Check	11/24/2013	MERCER AUTOMOTIVE	1001-01 · General Checking Account	
55433	Bill	11/15/2013		5600-31 · MAINT-Vehide Maint-ON ROAD	-432.19
55423	Bill	11/15/2013		5600-31 · MAINT-Vehide Maint-ON ROAD	-358.75
55524	Bill	11/15/2013		5600-31 · MAINT-Vehide Maint-ON ROAD	-993.98
TOTAL					-1,784.92
151942	Bill Pmt -Check	11/24/2013	NAPA AUTO PARTS	1001-01 · General Checking Account	
165915	Bill	11/20/2013		5630-40 · OPS-Bldg/Fac Mtn/Rep	-89.63
166150	Bill	11/21/2013		5600-31 · MAINT-Vehide Maint-ON ROAD	-37.05
TOTAL					-126.68
151943	Bill Pmt -Check	11/24/2013	SUPERMEDIA	1001-01 · General Checking Account	
111920...	Bill	11/19/2013		5505-07 · ADMIN-Phone Office Web/Email	-29.95
TOTAL					-29.95
151944	Bill Pmt -Check	12/2/2013	CHASE DENNIS EMG MED	1001-01 · General Checking Account	
	Bill	12/2/2013		5570-44 · OPS-OSHA-First Aid Expense (W...	-858.00
TOTAL					-858.00
151945	Liability Check	12/10/2013	MID AMERICA APPLE PLAN	1001-01 · General Checking Account	
				2100-21 · Apple Plan - Company Pay	-392.33
				2100-20 · Apple Plan - Employee Pay	-392.33
TOTAL					-784.66
151946	Liability Check	12/10/2013	LINCOLN NATIONAL	1001-01 · General Checking Account	
				2101-01 · Deferred Compensation	-1,525.00
TOTAL					-1,525.00
151947	Liability Check	12/10/2013	AFLAC	1001-01 · General Checking Account	
				2100-08 · AFLAC Payable	-284.18
TOTAL					-284.18

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Big Bear MWD
Warrant List Detail
 November 13 through December 10, 2013

Num	Type	Date	Name	Account	Paid Amount
151948	Bill Pmt -Check	12/10/2013	ACWA HEALTH INSURANCE	1001-01 · General Checking Account	
110120...	Bill	11/1/2013		5020-10 · ADMIN-Health Insurance	-4,834.42
				5020-20 · WATER-Health Insurance	-1,549.66
				5020-30 · MAINT-Health Insurance	-3,320.11
				5020-40 · OPS-Health Insurance	-3,077.29
				5021-10 · ADMIN-Dental Insurance	-305.11
				5021-20 · WATER-Dental Insurance	-95.19
				5021-30 · MAINT-Dental Insurance	-225.00
				5021-40 · OPS-Dental Insurance	-210.76
				5022-10 · ADMIN-Life Insurance	-198.14
				5022-20 · WATER-Life Insurance	-76.85
				5022-30 · MAINT-Life Insurance	-75.57
				5022-40 · OPS-Life Insurance	-61.68
				5550-01 · ADMIN-Director Group Insurance	-6,138.97
TOTAL					-20,168.75
151949	Bill Pmt -Check	12/10/2013	BAUMGARTNER	1001-01 · General Checking Account	
110920	Bill	12/4/2013		5540-32 · MAINT-PreEmployment Physicals	-90.00
TOTAL					-90.00
151950	Bill Pmt -Check	12/10/2013	BIG BEAR DISPOSAL	1001-01 · General Checking Account	
4057	Bill	12/1/2013		5507-41 · OPS-Utilities-Main Office	-156.74
TOTAL					-156.74
151951	Bill Pmt -Check	12/10/2013	BIG BEAR SHEET METAL	1001-01 · General Checking Account	
5107	Bill	11/21/2013		5630-10 · ADMIN-Bldg/Facility Maint/Rep	-63.72
TOTAL					-63.72
151952	Bill Pmt -Check	12/10/2013	BUTCHER'S BLOCK AND BUIL...	1001-01 · General Checking Account	
260765	Bill	11/26/2013		5640-02 · WATER-Dam Maintenance	-91.79
260745	Bill	11/26/2013		5630-40 · OPS-Bldg/Fac Mtn/Rep	-3.93
261948	Bill	12/2/2013		5630-10 · ADMIN-Bldg/Facility Maint/Rep	-7.60
261829	Bill	12/2/2013		5630-10 · ADMIN-Bldg/Facility Maint/Rep	-69.74
261847	Bill	12/2/2013		5630-31 · MAINT-Bldg/Facil Maint/Rep-Shop	-105.95
262392	Bill	12/3/2013		5630-42 · OPS-Bldg/Fac Mtn/Rep-EAST RA...	-8.23
263346	Bill	12/6/2013		5630-10 · ADMIN-Bldg/Facility Maint/Rep	-129.59
TOTAL					-416.83
151953	Bill Pmt -Check	12/10/2013	BVE	1001-01 · General Checking Account	
112520...	Bill	11/25/2013		5507-43 · OPS-Utilities-Ramps	-675.95
112720...	Bill	11/27/2013		5507-41 · OPS-Utilities-Main Office	-12.83
112720...	Bill	11/27/2013		5507-21 · WATER-Utilities-Aerator	-813.04
112720...	Bill	11/27/2013		5507-22 · WATER-Utilities-Dam	-340.02
112720...	Bill	11/27/2013		5507-43 · OPS-Utilities-Ramps	-133.02
112720...	Bill	11/27/2013		5507-22 · WATER-Utilities-Dam	-12.41
112720...	Bill	11/27/2013		5507-22 · WATER-Utilities-Dam	-75.06
TOTAL					-2,062.33

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Big Bear MWD Warrant List Detail November 13 through December 10, 2013

Num	Type	Date	Name	Account	Paid Amount
151954	Bill Pmt -Check	12/10/2013	CASH PETTY CASH	1001-01 · General Checking Account	
120120...	Bill	12/1/2013		5510-03 · ADMIN-Empl Recognition-Pub Info	-650.00
				5570-01 · ADMIN-Training/Seminars-GM	-5.00
				5501-01 · ADMIN-Post&Ship OFFICE	-0.55
				5543-30 · MAINT-Small Tools/Tool Supplies	-7.56
				5510-02 · ADMIN-KOOL KIDS Program	-12.46
				5571-06 · ADMIN-Director Meeting/Workshop	-50.35
				5503-01 · ADMIN-Office Supplies-Office	-34.99
				5503-03 · ADMIN-Office Supplies-Meetings	-77.19
TOTAL					-838.10
151955	Bill Pmt -Check	12/10/2013	COMSERCO	1001-01 · General Checking Account	
67364	Bill	11/30/2013		5506-41 · OPS-Radio Service Contract	-260.00
TOTAL					-260.00
151956	Bill Pmt -Check	12/10/2013	CONNELLY PUMPING SERVICE	1001-01 · General Checking Account	
14355	Bill	12/7/2013		5632-03 · MAINT-Portables Pumping/ Rent	-220.00
14354	Bill	12/7/2013		5632-03 · MAINT-Portables Pumping/ Rent	-320.07
14356	Bill	12/7/2013		5632-03 · MAINT-Portables Pumping/ Rent	-255.09
TOTAL					-795.16
151957	Bill Pmt -Check	12/10/2013	CONNEY SAFETY	1001-01 · General Checking Account	
045722...	Bill	11/21/2013		5570-40 · OPS-Training/Supplies/Med-OSHA	-89.44
TOTAL					-89.44
151958	Bill Pmt -Check	12/10/2013	DIRECTV INC	1001-01 · General Checking Account	
218559...	Bill	11/23/2013		5507-42 · OPS-Utilities-RV Park	-192.71
TOTAL					-192.71
151959	Bill Pmt -Check	12/10/2013	DISH NETWORK	1001-01 · General Checking Account	
120420...	Bill	12/4/2013		5507-41 · OPS-Utilities-Main Office	-77.00
TOTAL					-77.00
151960	Bill Pmt -Check	12/10/2013	DWP	1001-01 · General Checking Account	
112620...	Bill	11/26/2013		5507-41 · OPS-Utilities-Main Office	-49.90
112620...	Bill	11/26/2013		5507-41 · OPS-Utilities-Main Office	-15.14
112620...	Bill	11/26/2013		5507-44 · OPS-Utilities-Trout Pond	-83.19
112620...	Bill	11/26/2013		5507-42 · OPS-Utilities-RV Park	-126.87
112620...	Bill	11/26/2013		5507-43 · OPS-Utilities-Ramps	-150.35
112620...	Bill	11/26/2013		5507-43 · OPS-Utilities-Ramps	-20.19
TOTAL					-445.64
151961	Bill Pmt -Check	12/10/2013	EVANS BILL (REIMBURSE)	1001-01 · General Checking Account	
120420...	Bill	12/4/2013		5570-05 · ADMIN-Training/Travel-Seas Empl	-64.98
TOTAL					-64.98
151962	Bill Pmt -Check	12/10/2013	HENDERSON DAVID (REIMBU...	1001-01 · General Checking Account	
120520...	Bill	12/5/2013		5570-49 · OSHA Training/Seminars	-115.61
TOTAL					-115.61

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Big Bear MWD
Warrant List Detail
 November 13 through December 10, 2013

Num	Type	Date	Name	Account	Paid Amount
151963	Bill Pmt -Check	12/10/2013	LEMIEUX & O'NEILL	1001-01 · General Checking Account	
20-99M...	Bill	11/30/2013		5520-01 · ADMIN-District Counsel Retainer	-3,500.00
TOTAL					-3,500.00
151964	Bill Pmt -Check	12/10/2013	MASTERCARD	1001-01 · General Checking Account	
112920...	Bill	11/29/2013		5510-05 · ADMIN-Public Info-Other Agency	-29.82
				5510-07 · ADMIN-Empl Recognition-Winter	-443.22
				5510-07 · ADMIN-Empl Recognition-Winter	-135.16
				5510-05 · ADMIN-Public Info-Other Agency	-77.30
				5510-07 · ADMIN-Empl Recognition-Winter	-75.00
				5510-07 · ADMIN-Empl Recognition-Winter	-75.76
				5510-07 · ADMIN-Empl Recognition-Winter	-220.28
				5510-07 · ADMIN-Empl Recognition-Winter	-70.00
				5510-07 · ADMIN-Empl Recognition-Winter	-50.00
TOTAL					-1,176.54
151965	Bill Pmt -Check	12/10/2013	MASTERCARD	1001-01 · General Checking Account	
112920...	Bill	11/29/2013		5570-02 · ADMIN-Training/Seminars-Mgmt	-142.72
				5570-02 · ADMIN-Training/Seminars-Mgmt	-8.00
				5570-02 · ADMIN-Training/Seminars-Mgmt	-26.60
				5570-02 · ADMIN-Training/Seminars-Mgmt	-17.37
				5570-02 · ADMIN-Training/Seminars-Mgmt	-9.40
				5590-42 · OPS-Petroleum-VEHICLES	-100.00
				5570-02 · ADMIN-Training/Seminars-Mgmt	-465.88
				5560-22 · WATER-Watermaster Meetings	-97.26
				5510-04 · ADMIN-Public Info-Ice Info/Sign	-22.70
				5510-08 · ADMIN-Empl Recognition-End of S	-42.42
				5570-49 · OSHA Training/Seminars	-199.00
				5570-05 · ADMIN-Training/Travel-Seas Empl	-149.00
				5510-07 · ADMIN-Empl Recognition-Winter	-681.83
				5541-31 · MAINT-Uniform/Sm Equip-Reg E...	-537.45
				5510-07 · ADMIN-Empl Recognition-Winter	-100.00
				5503-01 · ADMIN-Office Supplies-Office	-331.58
				5543-30 · MAINT-Small Tools/Tool Supplies	-169.98
				5541-41 · OPS-Uniform/Sm Equip-Reg Empl	-459.98
				5510-07 · ADMIN-Empl Recognition-Winter	-99.98
				5503-01 · ADMIN-Office Supplies-Office	-1,045.61
				5630-31 · MAINT-Bldg/Facil Maint/Rep-Shop	-129.90
				5510-03 · ADMIN-Empl Recognition-Pub Info	-262.74
				5510-07 · ADMIN-Empl Recognition-Winter	-33.40
				5630-41 · OPS-Bldg/Fac Mtn/Rep-RV PARK	-145.79
TOTAL					-5,278.59
151966	Bill Pmt -Check	12/10/2013	MCMaster-CARR	1001-01 · General Checking Account	
672345...	Bill	12/3/2013		5630-31 · MAINT-Bldg/Facil Maint/Rep-Shop	-100.56
TOTAL					-100.56
151967	Bill Pmt -Check	12/10/2013	MOUNTAIN TROPHY AND PRO...	1001-01 · General Checking Account	
201301...	Bill	11/27/2013		5503-01 · ADMIN-Office Supplies-Office	-31.32
TOTAL					-31.32
151968	Bill Pmt -Check	12/10/2013	NAPA AUTO PARTS	1001-01 · General Checking Account	
167553	Bill	12/2/2013		5630-42 · OPS-Bldg/Fac Mtn/Rep-EAST RA...	-74.52
168000	Bill	12/4/2013		5600-32 · MAINT-Vehicle Maint-OFF ROAD	-25.91
TOTAL					-100.43

1:05 PM
12/12/13

Big Bear MWD Warrant List Detail

November 13 through December 10, 2013

Num	Type	Date	Name	Account	Paid Amount
151969	Bill Pmt -Check	12/10/2013	NO CONTRACT VOIP	1001-01 · General Checking Account	
120520...	Bill	12/5/2013		5505-01 · ADMIN-Phones Local/Hardware/...	-144.18
TOTAL					-144.18
151970	Bill Pmt -Check	12/10/2013	NORTHWOODS RESORT	1001-01 · General Checking Account	
120720...	Bill	12/7/2013		5510-07 · ADMIN-Empl Recognition-Winter	-1,947.01
TOTAL					-1,947.01
151971	Bill Pmt -Check	12/10/2013	OI CORPORATION - GLOBAL ...	1001-01 · General Checking Account	
160043	Bill	11/19/2013		5650-02 · WATER-Watershed Mgt Equip&...	-664.89
TOTAL					-664.89
151972	Bill Pmt -Check	12/10/2013	PITNEY BOWES PURCHASE P...	1001-01 · General Checking Account	
111920...	Bill	11/19/2013		5501-01 · ADMIN-Post&Ship OFFICE	-1,000.00
TOTAL					-1,000.00
151973	Bill Pmt -Check	12/10/2013	PITNEY BOWES SUPPLIES	1001-01 · General Checking Account	
312075	Bill	11/22/2013		5501-01 · ADMIN-Post&Ship OFFICE	-264.34
TOTAL					-264.34
151974	Bill Pmt -Check	12/10/2013	SUHAY SKIP (TRAVEL)	1001-01 · General Checking Account	
120620...	Bill	12/6/2013		5571-03 · ADMIN-Div 3- Suhay Expenses	-118.65
TOTAL					-118.65
151975	Bill Pmt -Check	12/10/2013	SUPERMEDIA	1001-01 · General Checking Account	
120120...	Bill	12/1/2013		5505-01 · ADMIN-Phones Local/Hardware/...	-67.50
TOTAL					-67.50
151976	Bill Pmt -Check	12/10/2013	USDA FOREST SERVICE	1001-01 · General Checking Account	
2014 S...	Bill	11/27/2013		5509-20 · WATER-Memberships/Subs/Per...	-59.36
TOTAL					-59.36
151977	Bill Pmt -Check	12/10/2013	VERIZON CALIFORNIA	1001-01 · General Checking Account	
112520...	Bill	11/25/2013		5505-05 · ADMIN-Phone Weather Station	-45.08
112820...	Bill	11/28/2013		5505-04 · ADMIN-Phone At the Dam	-47.28
120120...	Bill	12/1/2013		5505-02 · ADMIN-Phones Ramps Local Svc	-52.23
120120...	Bill	12/1/2013		5505-02 · ADMIN-Phones Ramps Local Svc	-50.56
TOTAL					-195.15
151978	Bill Pmt -Check	12/10/2013	XEROX	1001-01 · General Checking Account	
071416...	Bill	12/1/2013		5750-03 · Copier Lease Expense	-469.50
				5620-13 · ADMIN-Copier Maint/Repair	-64.37
TOTAL					-533.87
151979	Bill Pmt -Check	12/10/2013	US BANK	1001-01 · General Checking Account	
3543959	Bill	11/25/2013		5530-04 · ADMIN-Prof&Spec-US Bank	-2,750.00
TOTAL					-2,750.00

**BIG BEAR MUNICIPAL WATER DISTRICT
REPORT TO BOARD OF DIRECTORS**

MEETING DATE: *December 19, 2013*

AGENDA ITEM: *5D*

SUBJECT:

CONSIDER APPROVAL OF A SPECIAL EVENT PERMIT FOR AARON'S BIG BEAR LAKE BASS TOURNAMENT CHAMPIONSHIP SERIES

RECOMMENDATION:

The General Manager and the Operations Committee (Director Murphy & Suhay) recommend approval of this special event.

DISCUSSION/FINDINGS:

Aaron Armstrong has applied for seven one day and one two day bass events during 2014. The proposed dates are April 1, April 12, May 17, June 21, July 19, August 16, September 27/28, and October 18. Just as last year the events will start at B's Backyard Barbeque and will be limited to the first 100 entrants. The Committee recommends approval of this special event with special conditions as shown on the attached Exhibit C regarding live well inspection, deposit fees, angler fees for fisheries enhancements, 7:00 AM shotgun start and the appropriate permit from California Department of Fish and Wildlife.

OTHER AGENCY INVOLVEMENT: None

FINANCING: None

Submitted by: Scott Heule, General Manager



Big Bear Municipal Water District

Lake Management

Board of Directors
Todd Murphy – Division 1
Mary Ann Lewis – Division 2
Skip Suhay – Division 3
John Eminger – Division 4
Vince Smith – Division 5

SPECIAL EVENT PERMIT FOR BIG BEAR LAKE

As of Big Bear Municipal Water District (hereinafter "District") grants a Special Event Permit to **Aaron's Big Bear Lake Bass Tournament Championship Series** as follows:

Section 1. Event Described

Permittee may conduct only the event described on Exhibit "A", attached hereto and hereby incorporated by this reference. Permittee shall comply with laws, rules and regulations applicable to the event.

Section 2. Fees and Deposits

Within 30 days before the event the Permittee shall pay the District an administrative fee described in Exhibit "B" and the Permittee shall deposit \$500.00 with the District to cover the cost of clean-up and other added expenses incurred by the District if Permittee fails to comply with this Permit. Any part of the deposit, if any, not used by the District shall be refunded to the Permittee within 30 days after the event. The attached Fee Schedule (Exhibit "B") details additional rates for specific events and special services.

Section 3. Indemnification

A. Permittee shall indemnify and hold harmless and defend District, its officers, agents, employees and volunteers from and against: cost, liability and damages, including attorney's fees and litigation costs, arising out of any act or omission to, including any negligent act, or omission to act, by Permittee, its officers, agents, employees or volunteers arising out of activities permitted herein.

B. Permittee shall reimburse District and its directors, officers, employees, agents and/or volunteers, for any and all legal expenses and costs incurred by each of them in connection therewith or in enforcing the indemnity herein provided.

Section 4. Insurance

A. Permittee shall cause the District, its officers, agents and employees to be named as an additional or co-insurance under policies of commercial general liability insurance as broad as the following:

1. General Liability - one million dollars (\$1,000,000) per occurrence for bodily injury, personal injury and property damage. If Commercial General Liability Insurance or other form with a general aggregate limit is used, either the general aggregate limit shall apply separately to the project/location (with the ISO CG 2501 or insurer's equivalent endorsement provided to the District) or the general aggregate limit shall be twice the required occurrence limit.

2. The coverage shall contain no special limitations on the scope of protection afforded to the District, its officers, employees, agents and volunteers.
3. The permittee's insurance shall be primary insurance as respects the District, its officers, employees, agents and volunteers. Any insurance, pooled coverage or self-insurance maintained by the District, its officers, employees, agents and volunteers shall not contribute to it.
4. Any failure to comply with reporting or other provisions of the policies including breaches of warranties shall not affect coverage.
5. The permittee's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.
6. Such liability insurance shall indemnify the permittee against loss from liability imposed by law upon, or assumed under contract by, the permittee for damages on account of such bodily injury (including death), property damage, personal injury and completed operations and products liability.
7. Such insurance shall be provided on a policy form written by underwriters through an agency satisfactory to the District which includes a cross-liability clause, and covers bodily injury and property damage liability, blanket contractual liability and completed operations liability.
8. Any deductible or self-insured retention must be declared to and approved by the District. At the option of the District, either the insurer shall reduce or eliminate such deductibles or self-insured retentions.
9. The insurer shall have a current A.M. Best's rating of no less than A:VII or equivalent.

B. If applicable, the permittee shall cover or insure under the applicable laws relating to:

1. Workers' compensation insurance, all of their employees working on or about the event, regardless of whether such coverage or insurance is mandatory or merely elective under the law, and the permittee shall defend, protect and save harmless the District, its officers, employees, agents and volunteers from and against all claims, suits, and actions arising from any failure of the permittee to maintain such insurance. Before beginning work, permittee shall furnish to the District satisfactory proof that he has taken out for the period covered by the event, full compensation insurance for all persons employed directly by him in the event contemplated under this contract, has been obtained in accordance with the "Workers' Compensation and Insurance Act".
2. The permittee shall provide employer's liability insurance in the amount of, at least, \$1,000,000 per accident for bodily injury and disease.

C. Prior to execution of the contract, the permittee shall file with the District evidence of insurance from an insurer or insurers certifying to the coverage of insurance required herein. Such evidence shall include original copies of the ISO CG 2010 (endorsement form or insurer's equivalent) signed by the insurer's representative and certificate of insurance (Accord Form 25-S or equivalent). If such proof is not received 30 days prior to the event, the event may be canceled by the District's General Manager. All evidence of insurance shall be certified by a properly authorized officer, agent or qualified representative of the insurer and shall certify the names of the insured, any additional primary insurers, where appropriate, the type and amount of the insurance, the location and operations to which the insurance applies, the expiration date. The insurer will give by certified mail, written notice to the District at least thirty (30) days prior to the effective date of any cancellation, lapse or material change in the policy.

Section 5. Safety Regulations

The Permittee shall conduct the event with due care for the safety and welfare of participants and spectators, and in compliance with all laws, rules and regulations of federal, state, county or local agencies asserting jurisdiction. The Permittee shall attend two meetings with District representatives prior to the event described as follows:

A. Permit compliance meeting: Permittee shall demonstrate that all permit conditions have been met.

B. Skipper's and/or Safety meeting: Event organizers and participants shall meet with District representatives to have any questions answered and to receive an update of current Lake conditions which may affect event activities.

Section 6. Conditions

The Permittee shall comply with the conditions set forth on Exhibit C attached hereto and hereby incorporated by this reference.

Accepted by:

Date

Permittee

Date

General Manager

EXHIBIT A

DESCRIPTION OF EVENT

1. Name of Event: Aaron's Big Bear Lake Bass Tournament Championship Series
2. Location: B's Backyard BBA Docks
3. Date(s): 4/11/14, 4/12/14, 5/17/14, 6/21/14, 7/19/14, 8/16/14
4. Describe Event: 9/27/14 and 9/28/14, 10/18/14
Bass Tournament
5. Estimated Number of Participants: 100
6. Estimated Number of Spectators: 100
7. Method of Limiting Attendance: 100 person cut off
8. Method of Trash Collection and Disposal: Cool Cabin's Maintenance
9. Proposed First-Aid Services: Local Fire Dept.
10. Proposed Security Services: Local Sheriff + Staff
11. Proposed Fire Protection Services: Local Fire Dept.
12. Proposed Sanitation Facilities: Cool Cabins Staff
13. Parking Arrangements:
14. Name, Address and Telephone Number of Person Available Before and During Event with authority to Control Event: Aaron Armstrong, P.O. Box 1655 Big Bear Lake CA 92315
909-936-3913
15. Perimeter control, if applicable: N/A

For District use only:

(601) Deposit \$ _____
Date _____ Ck # _____

(511) Fee \$ _____
Date _____ Ck # _____

(540) Angler Fee \$ _____
Date _____ Ck # _____

EXHIBIT B

FEE SCHEDULE

1. APPROVED SPECIAL EVENTS (except filming/photos):

Administrative fee:	\$100
Refundable deposit:	\$500
Lake usage fee: Non-commercial	-0-
Commercial	\$200/event or 5% of gross (whichever is greater)
Fishing events:	\$15 per angler or \$500 (whichever is greater)
*Services requiring Lake Patrol or work boat services (one hour minimum):	
Boat with operator	\$115/hour
Each additional staff person	\$ 30/hour
Other services:	actual cost

*These fees will be deducted from the deposit where it is determined that additional Lake Patrol, weed harvesting or similar services will be necessary in the interest of health and safety.

2. GROUP SPECIAL EVENT PERMITS

A discounted boat permit fee for approved special events will be available at prevailing fees for the term of the event to those entrants not already having a boat permit. Any entrant participating for less than the full term of the event shall pay the normal daily permit fees. A minimum number of twenty-five special event boat permits shall be issued for the approved event to qualify for this special group rate. A group special event permit shall not be issued for major holidays or holiday weekends. Permittee shall be responsible for the sale of the special event boat permits. Proper remittance from the sale of these permits must be delivered to the District within three (3) days of the conclusion of the special event. Permittee shall be responsible for all permits including any missing permits. All other special event permit processing fees shall apply. Participants may upgrade the special event discounted boat permit to an annual boat permit by paying the difference between the special event permit fee and the annual permit fee. Upgrades to annual permits shall be handled at the District Administration office only.

**EXHIBIT C
SPECIAL CONDITIONS**

AARON'S BIG BEAR LAKE BASS TOURNAMENT CHAMPIONSHIP SERIES 2014

1. \$100 non refundable application fee
2. A \$1000 deposit to be used to pay the hourly rate for inspection of live wells by Lake Patrol prior to the shotgun start of each event. Any unused deposit amount will be refunded. District costs in excess of the deposit amount will be invoiced after the event.
3. \$500 or \$15 per angler fee whichever is greater for the District to purchase and plant bass (size and weight will be at the discretion of the Lake Manager). Angler count that exceeds \$500 will be invoiced after the event.
4. A 7:00 AM shotgun start will be permitted at the 5 mph buoy line adjacent to the staging area as approved by the District.
5. Game Fish Contest Permit from the State of California, Department of Fish and Game and proof of liability insurance naming the District as additionally insured must be submitted to the District at least 30 days prior to the event.

**BIG BEAR MUNICIPAL WATER DISTRICT
REPORT TO BOARD OF DIRECTORS**

MEETING DATE: December 19, 2013

AGENDA ITEM: 5E

SUBJECT:

CONSIDER APPROVAL OF A RESOLUTION OF THE BOARD OF DIRECTORS OF BIG BEAR MUNICIPAL WATER DISTRICT AMENDING RESOLUTION NO. 2013-01 (ADMINISTRATIVE CODE) AS IT RELATES TO LONGEVITY INCENTIVES

RECOMMENDATION:

The General Manager and the Administrative Committee (Director Murphy & Smith) recommend approval of this Resolution.

DISCUSSION/FINDINGS:

At a recent Committee meeting the Administrative Committee wanted to establish policy that recognizes milestones for employee service to the District. District Counsel advised that the recognition should take the form of an incentive for continued service. The District has historically made these gestures for the employees but there is no formal policy or procedure for taking this action. Additionally, the Committee would like to establish the holiday appreciation dinner as a special time to recognize employee service milestones. The Committee believes that the attached resolution and amendment to the Administrative Code accurately reflects their desires and recommends the Board approve the resolution.

OTHER AGENCY INVOLVEMENT: None

FINANCING: Employee Recognition. Amount will vary from \$50 to \$500 annually

Submitted by: Scott Heule, General Manager

****DRAFT****

RESOLUTION NO. 2013-___

**A RESOLUTION OF THE BOARD OF DIRECTORS OF
BIG BEAR MUNICIPAL WATER DISTRICT
AMENDING RESOLUTION NO. 2013-01 (ADMINISTRATIVE CODE) AS IT RELATES TO
LONGEVITY INCENTIVES**

**BE IT RESOLVED BY THE BOARD OF DIRECTORS OF BIG BEAR MUNICIPAL
WATER DISTRICT as follows:**

1. Purpose.

This resolution adds Section 4.211 to the Administrative Code to provide for longevity incentives.

2. Amendment.

Section 4.211 is added to Resolution No. 2013-01 (Administrative Code) to read as follows:

"Section 4.211 Longevity Incentive.

As incentive to continued employment with the District, employees who have worked full-time for the District for a minimum of five years will be eligible to receive a longevity award valued at \$10 for each year of service to the District. Employees will be eligible for such an award at 5 years, 10 years, 15 years, 20 years and again at 25 years of service. Awards will be given at the annual Employee Recognition Dinner in December. The awards may come in the form of a check, gift card or certificate for a business in Big Bear Lake at the District's option."

3. Other.

Except as provided herein, Resolution No. 2013-01 (Administrative Code) is hereby reaffirmed and readopted.

PASSED, APPROVED AND ADOPTED on _____, 2013.

President

ATTEST:

Secretary

[SEAL]

**BIG BEAR MUNICIPAL WATER DISTRICT
REPORT TO BOARD OF DIRECTORS**

MEETING DATE: December 19, 2013

AGENDA ITEM: 6A

SUBJECT:

CONSIDER APPROVAL OF THE DOROTHY ALLEN PORTER TRUST FAWNSKIN DREDGE PROJECT SALE OF A SLIVER FILL EASEMENT FROM THE DISTRICT

RECOMMENDATION:

The General Manager and the Lake Improvement Committee (Director Eminger & Lewis) recommend approval the sale of a sliver fill easement.

DISCUSSION/FINDINGS:

This proposed dredge project in Fawnskin requires the purchase of a sliver fill easement (parcel 0304-131-12 see attached) from the District. The sliver fill easement area occupies 4224 square feet. Using the current District wide assessed valuation and the formula in the District's resolution 2011-06 the easement purchase would cost the applicant \$28,470. The sliver fill easement area and a significant portion of the applicant's property lies below the high water elevation of the Lake (6743). The sliver fill parcel and the proposed dredge area in the Lake bottom are thickly covered with willows. Both the sliver fill parcel and the private property would receive dredged fill material to raise them to finished elevations of 6746 feet and 6750 feet respectively. The dredge itself will extend to elevation 6735 feet to match Lake bottom elevations on either end of the proposed dredge. This would avoid having an isolated puddle of water in the area when the Lake drops below this elevation. The applicant has already discussed the proposed dredge project with his westerly neighbor. The neighbor had no objections to the plan but did make some requests of the applicant that would not affect any District interests with the plan. The Committee recommends that the District should sell the 4224 square foot sliver fill easement in accordance with the formula defined in Resolution 2011-06 after the project has permits from the Army Corps of Engineers, California Fish and Wildlife and the Santa Ana Regional Water Quality Control Board but prior to issuing a shore zone alteration permit for the project.

OTHER AGENCY INVOLVEMENT: None

FINANCING: None

Submitted by: Scott Heule, General Manager

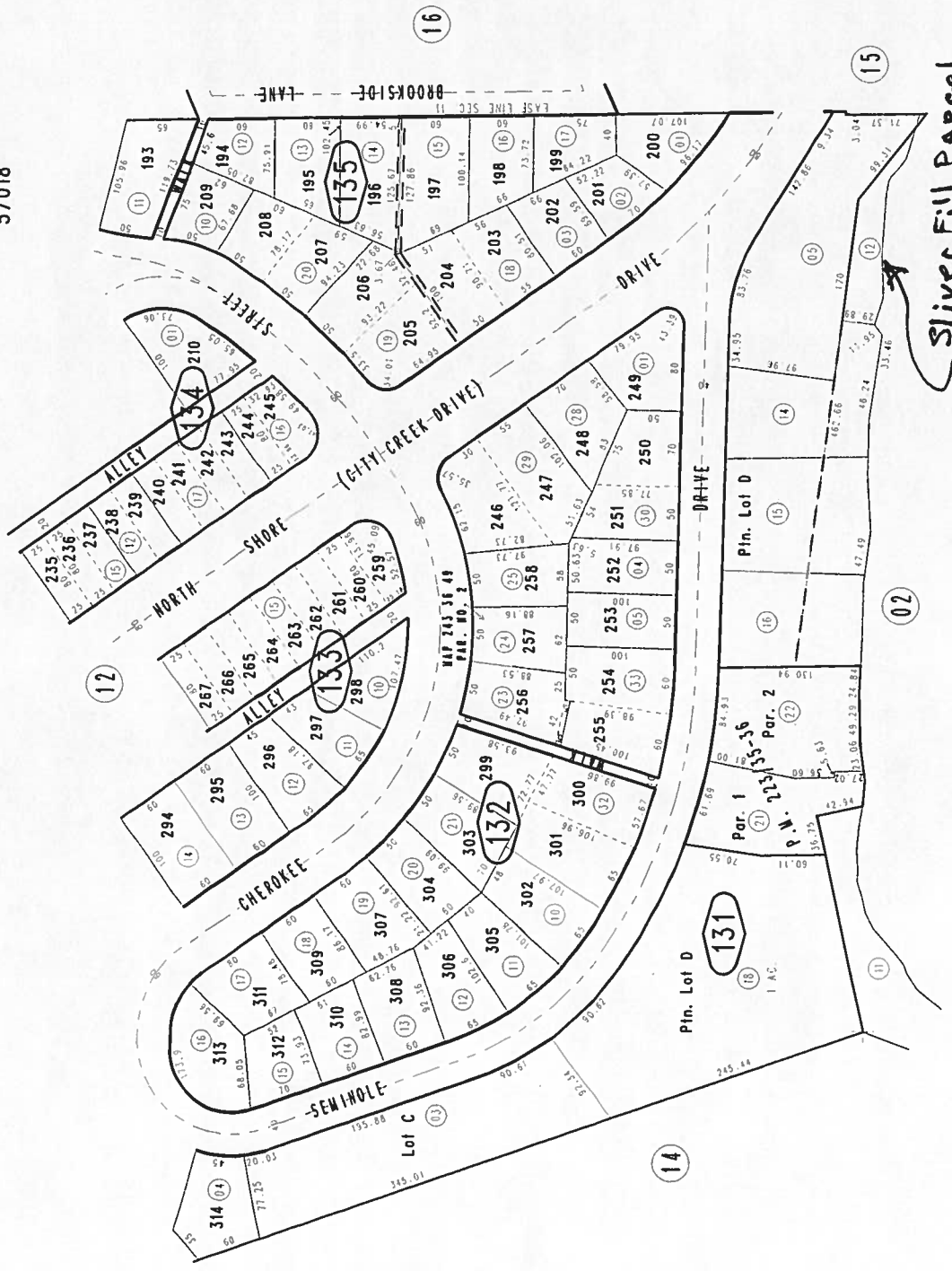
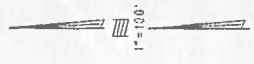
THIS MAP IS FOR THE PURPOSE OF AD VALOREM TAXATION ONLY



Ptn. S.E.1/4, Sec.11, T.2N.,R.1W., S.B.B.&M.
Ptn. Tract No. 1876, M.B. 27/49-53

Bear Valley Unified School District
Tax Rate Area
57018

0304-13



REVISED
01/13/10 LR
03/17/11 RU-BC

Assessor's Map
Book 0304 Page 13
San Bernardino County

LAKE

BEAR

BIG

Parcel Map No. 16250, P.M. 223/35-36
R.S. 111/95
R.S. 84/26

December 2003

**BIG BEAR MUNICIPAL WATER DISTRICT
REPORT TO BOARD OF DIRECTORS**

MEETING DATE: *December 19, 2013*

AGENDA ITEM: *6B*

SUBJECT:

CONSIDER APPROVAL OF A PROPOSAL FROM TOM DODSON & ASSOCIATES TO PREPARE ENVIRONMENTAL DOCUMENTATION FOR THE DOROTHY ALLEN PORTER TRUST/GIEBELHOUSE FAWNSKIN DREDGE PROJECT

RECOMMENDATION:

The General Manager and the Lake Improvement Committee (Director Eminger & Lewis) recommend approval of this proposal.

DISCUSSION/FINDINGS:

The proposed Dorothy Allen Porter Trust/Giebelhouse Fawnskin Dredge Project will require environmental documentation via the California Environmental Quality Act (CEQA). District policy stipulates that the CEQA effort can either be performed by the project applicant or by the District at the District's discretion. In this case CEQA will be performed by District environmental consultant Tom Dodson and Associates at the applicant's expense. Using the applicants engineering drawings and description of the proposed project Tom Dodson and Associates returned a proposed scope of work and cost of \$28,750 for the CEQA work (see attached). The Committee recommends that the Board authorize Tom Dodson and Associates to begin work subject to District receipt of a deposit from the applicant for the full \$28,750. Invoices from the consultant will be paid from this deposit and if unusual or complicating factors arise during the course of work that would require an increase in scope and cost the additional amount would need to be deposited by the applicant before the additional work is authorized.

OTHER AGENCY INVOLVEMENT: None

FINANCING: None

Submitted by: Scott Heule, General Manager

TOM DODSON & ASSOCIATES
2150 N. ARROWHEAD AVENUE
SAN BERNARDINO, CA 92405
TEL (909) 882-3612 • FAX (909) 882-7015
E-MAIL tda@tdaenv.com



November 10, 2013

Mr. Scott Heule, General Manager
Big Bear Municipal Water District
P.O. Box 2863
Big Bear Lake, CA 92315

Dear Scott:

I deeply appreciate the opportunity that the Big Bear Municipal Water District (MWD or District) has afforded Tom Dodson & Associates (TDA) to submit a proposal to prepare environmental documentation for the Giebelhouse Dredge Project in the community of Fawnskin. The District envisions compilation and processing of an appropriate level environmental document as the basis for compliance with the California Environmental Quality Act (CEQA). Based on initial impressions, TDA assumes that this project can be approached as an Initial Study leading to a Mitigated Negative Declaration (IS/MND). If the Initial Study indicates that one or more environmental issues may result in an unavoidable significant adverse impact, then TDA would finalize the Initial Study and assist the District to distribute a Notice of Preparation of an environmental impact report. It is understood that the proposed Project needs to be processed in as timely a manner as possible. The schedule proposed below represents completion of CEQA requirements for the proposed Project in as timely a manner as possible.

TDA proposes to implement the following scope of work to address all of the standard issues in the standard environmental checklist form. The process outlined below includes the assumption that the project engineer will provide some technical support (such as engineering drawings and calculation) required for the environmental documentation. The two areas of expertise most pertinent to the proposed dredge project are general CEQA experience and understanding of the regulatory review and decision-making process related to dredge projects. TDA has been preparing CEQA environmental documents within San Bernardino County and the Big Bear Valley for more than 25 years. TDA has extensive knowledge of the community and the procedural requirements of CEQA to complete the review process for this project in a timely manner for the District.

Because TDA regulatory specialists have extensive experience with the regulatory agencies, Corps, Regional Board and CDFW, we can frame the environmental issues related to acquisition of regulatory permits by incorporating the appropriate data into the CEQA documentation. We have the appropriate contacts to ensure the necessary data base is compiled to support the follow-on permitting effort with these regulatory agencies. Further, by bringing these agencies into the review process early on, we can ensure that these agencies will be aware of the project and be better able to process future applications in a timely manner.

SCOPE OF WORK

Task 1: Prepare the Initial Study

Using the technical studies and information provided by the applicant, studies compiled by TDA and subconsultants and available data for Big Bear Lake from the District and other local sources, TDA will compile an Initial Study that will identify those issues with a potential for significant impact and those issues that are either less than significant or can be mitigated to a less than significant impact level. All issues in the standard Initial Study Environmental Checklist Form will be addressed under this task. The applicant's engineer has provided a preliminary project description with most details, but a detailed project description, which will frame the issues to be addressed, will be a primary component in compiling this document. The fee for compiling this Initial Study is \$6,500. The Initial Study will require about 30 days to complete once the project description is finalized and all technical studies are completed

Task 2: Prepare Technical Studies

During the period that the project description and Initial Study are being prepared, TDA suggests that the following technical studies will have to be compiled. Some of these studies may be optional and others are essential, i.e. mandatory: an air quality technical study (including greenhouse gas emissions); a biology study, including aquatic habitat; water quality study, including development of a water degradation study and water quality monitoring program; cultural resources, focused on Native American issues; an evaluation of hazards, particularly any contamination within the project area; and a visual simulation of the change in the existing shoreline at the Marina. Existing geology and soils data and/or additional data regarding local contamination compiled or being compiled by the applicant may be used to address the hazards issues. These technical studies will be used to prepare the comparable sections in the Initial Study for the

proposed project. The fees for the TDA technical studies, which will be prepared to meet professional standard, are as follows:

- Air Quality = \$3,500, including GHG
- Biology = \$3,000
- Water Quality = \$5,000
- Cultural Resources = \$3,500
- Hazards Evaluation = \$2,500, assumes data provided by applicant

Task 3: Finalize the Initial Study and Distribute For Public Review

TDA will prepare a draft Initial Study for internal review by the District. After receipt of comments TDA will incorporate all comments and finalize the IS/MND package for public review. TDA will prepare all of the requisite distribution documents (such as the Notice of Completion, etc.) and then distribute the IS/MND package to all parties, including the State Clearinghouse. It is at this stage of the review that a decision would be made by the District whether to consider the preparation of an EIR. If such is the case TDA will prepare a Notice of Preparation (NOP) for distribution to the public. The fee for this effort is \$1,500, regardless of whether the IS/MND is published or a NOP is published.

Task 4: Prepare Responses to Comments and Final IS/MND Package

Following completion of the 30-day review period (note that TDA will meet with the District upon request to discuss any comment letter that arrives before the end of the review period), TDA will meet with the District Staff to review proposed responses to all comments received on the IS/MND. Once general agreement on the content of responses is obtained, TDA will prepare a draft set of responses to comments for delivery to the District for final review and comment. We anticipate allocating 15 hours of effort to this task, including two hours of meetings with District Staff. Responses to comments will be completed within two weeks, barring the need to develop original data. The end product of this effort will be a Final IS/MND package available for certification. TDA will distribute these documents as required by CEQA. The fee for this task is \$2,500; note, however, that responses to comments can require substantial additional effort and TDA requests that this task be compiled on a time and materials basis. TDA will submit any request for additional fees prior to expending any effort.

Task 5: Attend Meeting and Hearings

TDA will attend all meetings and hearings that are required to achieve adoption of the IS/MND for the project. TDA assumes up to 5 hours of formal meetings with the District Board. All meetings with staff as part of the preparation of the environmental documentation are included in the cost estimate for each task. Note that there is no limit on the number of these meetings with staff. Tom Dodson will be available to attend public meetings and formal hearings at a billing rate of \$150/hour or \$750 for this task.

This concludes the description of the scope of work and the tasks that will be performed to deliver the IS/MND to the MWD for use in making a decision on the proposed Project.

SCHEDULE

TDA will complete the Draft Initial Study within 60 days following completion of a contract with the District and authorization to proceed. TDA envisions completing and distributing the IS/MND during the third month. The Final IS/MND package should be before the District Board by about day 100 on the schedule. However, if any of the technical studies are constrained when they can be conducted, for example the terrestrial biology, the schedule would be adjusted to ensure that all data are adequate to support the IS/MND. Excluding this issue, the IS/MND could be completed within approximately 120 days.

Conclusion

TDA appreciates the opportunity to provide support to the MWD in the CEQA review and ultimate decision for the Giebelhouse Dredge Project. The scope of work outlined above leads to a fully substantiated IS/MND that can support adoption of the project over a period of about 4 months. The total fee for this effort is \$28,750. I believe this is a feasible, but aggressive schedule to comply with CEQA and meet the District's objectives for the a project such as proposed. Should you have any questions regarding the above proposal, please feel free to give me a call.

Sincerely,



Tom Dodson

**BIG BEAR MUNICIPAL WATER DISTRICT
REPORT TO BOARD OF DIRECTORS**

MEETING DATE: *December 19, 2013*

AGENDA ITEM: *6C*

SUBJECT:

CONSIDER APPROVAL OF A RESOLUTION OF THE BOARD OF DIRECTORS OF BIG BEAR MUNICIPAL WATER DISTRICT ADOPTING WORKERS COMPENSATION COVERAGE FOR VOLUNTEERS

RECOMMENDATION:

The General Manager and the Administrative Committee (Director Murphy & Smith) recommend approval of this Resolution.

DISCUSSION/FINDINGS:

The District currently utilizes volunteers for shoreline cleanup. There could be other opportunities in the future for using volunteers to perform other work for the District. Volunteers working for the District are currently not covered by workers compensation insurance and could sue the District for injuries and illnesses suffered while performing volunteer service. District Counsel has drafted the attached resolution that would deem volunteers to be District employees solely for the purpose of Workers' Compensation Insurance benefits provided by law for an injury or illness sustained while engaged in the performance of services for the District. The Committee recommends that the Board adopt this resolution.

Counsel also drafted a volunteer waiver and release form (copy attached) that could be used in conjunction with the Workers' Compensation policy whenever volunteers are providing service to the District.

OTHER AGENCY INVOLVEMENT: None

FINANCING: None

Submitted by: Scott Heule, General Manager

RESOLUTION NO. 2013-____

**A RESOLUTION OF THE BOARD OF DIRECTORS OF
BIG BEAR MUNICIPAL WATER DISTRICT
ADOPTING WORKERS COMPENSATION COVERAGE FOR VOLUNTEERS**

**BE IT RESOLVED BY THE BOARD OF DIRECTORS OF BIG BEAR MUNICIPAL
WATER DISTRICT as follows:**

1. Purpose.

The District desires to provide Workers' Compensation Insurance benefits for its authorized volunteers pursuant to Labor Code Section 3363.5, which permits the inclusion of such coverage in the District's workers' compensation insurance policy; and

2. Volunteer Coverage.

District adopts the policy that an unpaid person authorized to perform volunteer service for the District will be deemed to be a District employee solely for the purpose of Workers' Compensation Insurance benefits provided for by law for any injury or illness sustained while engaged in the performance of services for the District under its direction and control.

PASSED, APPROVED AND ADOPTED on _____, 2013.

President

ATTEST:

Secretary

[SEAL]

**BIG BEAR MUNICIPAL WATER DISTRICT
VOLUNTEER WAIVER AND RELEASE FORM**

The following Waiver and Release applies to the following named volunteer of **Big Bear Municipal Water District** ("District"):

_____ (hereafter "Volunteer").
[Print Volunteer Name]

As of _____, 2013, **Volunteer** agrees as follows:

1. Assumption of Risk

Volunteer hereby assumes the risk of, and responsibility for, any personal injury including death, and/or damage Volunteer may sustain arising out of or in any way connected with the activity described on the attached form. This includes any injury not covered by Workers' Compensation benefits, as described below, and death or damage resulting from any acts or omissions, whether negligent or not, by or on behalf of the District, their officials, employees, volunteers, or contractors. Volunteer expressly assumes all risks of the activity described on the attached form.

2. Workers' Compensation

Volunteer has been advised the District's Worker's Compensation policy covers volunteers and employees. Volunteer also understands under Workers' Compensation Laws, Workers' Compensation benefits will be Volunteer's sole remedy in the event the Volunteer is injured while performing the described volunteer activity.

3. Volunteer is Not an Employee

I wish to volunteer for the District. I specifically acknowledge I am engaging in this activity as a volunteer and not as a District employee, agent, official, officer or representative. I further acknowledge that I am not entitled to any compensation, benefit or health or dental insurance coverage from the District, or any District event promoter, sponsor or organizer. Nor will I make such a claim.

4. Familiarity With Safe Operations

I will perform tasks that are within my physical capability, and I will not undertake tasks that are beyond my ability. I will not participate if under the influence of alcohol or illegal drugs. I am familiar with the safe operation and use of machinery, equipment and tools that I may use. I will not undertake to use any machinery, equipment or tools with which I am unfamiliar or which I do not know how to safely use. I have received appropriate instruction regarding the Volunteer events, including appropriate safety and emergency procedures. I fully understand those instructions, and I agree, after proper inspection, to use only the supplies, tools and

equipment provided by District to me. I will perform only those functions assigned, observe all safety rules, and use care in the performance of my assignments.

5. Release

With the exception of Workers' Compensation benefits, Volunteer hereby releases, waives and discharges the District, its officials, officers, employees, agents, volunteers, and contractors from any and all liability, claims or causes of action arising out of or in any way connected with the activity described in this release, or upon their acts or omissions, whether negligent or not ("Waiver"). Volunteer hereby agrees to this Waiver on behalf of Volunteer, Volunteer's heirs, executors, administrators and assigns.

Volunteer understands and has been advised that the Volunteer may have rights under Section 1542 of the California Civil Code which reads as follows:

"A general release does not extend to claims which the creditor does not know or suspect to exist in his or her favor at the time of executing the release, which if known by him or her must have materially affected his or her settlement with the debtor."

Volunteer expressly waives any rights conferred under California Civil Code section 1542, as well as any similar law or any state or territory of the United States. Volunteer releases the District, their officials, officers, employees, agents, volunteers, and contractors and waives all actions, and demands Volunteer, Volunteer's heirs, executors, administrators and assigns now have or may hereafter have for any personal injury, including death, and property damage Volunteer may incur arising out of or in any way connected with the activity described in the attached form, including damage incurred as a result of the negligence of District, its officials, officers, employees, agents, volunteers and contractors.

6. Indemnification

Volunteer hereby agrees, on behalf of Volunteer and Volunteer's heirs, executors, administrators and assigns, to defend, indemnify and hold harmless the District, its officials, officers, employees, agents, volunteers and contractors, from any and all claims for compensation, personal injury, property damage and wrongful death caused by Volunteer's negligence or willful misconduct.

7. Knowing and Voluntary Execution

Volunteer has carefully read this Waiver and Release Form and fully understands its contents. Volunteer understands that he or she is given up valuable legal rights. He or she knowingly and voluntarily gives up these rights of his or her own free will. He or she is allowing the activity described on the attached form to take place at Volunteer's own risk.

This Waiver and Release Form is entered into this _____ day of _____, _____ in Big Bear Lake, California.

Dated: _____, 2013.

Signature of Volunteer

Print Name of Volunteer

Print Address

Declaration of Witness

The above individual, in my presence, acknowledged that he or she had read and fully understood the meaning and consequence of the Waiver and Release Form, and Volunteer signed in my presence.

Dated: _____, 2013.

Signature of Witness

Print Name of District employee witness

All Volunteers under the age of 18 must have a parent or legal guardian complete section B:

Section B

Name of Parent or Legal Guardian of Volunteer:

Print name of parent or legal guardian

I am the parent or legal guardian of Volunteer. I understand that the Volunteer may incur personal injury or property damage by volunteering for the activity described in the attached form. I have read and understand Section A of this Waiver and Release Form. By my signature below, I agree to all the terms of Section A on behalf of the Volunteer. I agree that the waivers and releases of Section A apply to me and any actions, claims, or demands that I may bring, in my own name or on behalf of Volunteer, arising from the Volunteer's participation in the volunteer activity described in the attached form, excepting any Workers' Compensation claims as described above.

This Waiver and Release Form is entered into this _____ day of _____,
20_____, at Big Bear Lake, California.

Signature of Parent or Legal Guardian

Print Address

Declaration of Witness

The above individual, in my presence, acknowledged that he or she had read and fully understood the meaning and consequence of the Waiver and Release Form, and Volunteer signed in my presence.

Dated: _____, 2013.

Signature of Witness

Print Name of District employee witness