

A G E N D A
BIG BEAR MUNICIPAL WATER DISTRICT

BOARD OF DIRECTORS
Regular Meeting
March 20, 2014

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

Next Resolution Number: 2014-03

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 March 6, 2014
 - B. Warrant List dated March 11, 2014 for \$24,691.90
- 6. BUSINESS**
 - A. Discuss and provide direction for the Big Bear Marina Dredge Project
 - B. Consider approval for Staff to solicit bids for Dam Strut Painting and Rock Abutment Anchors
 - C. Consider approval of a special event permit for Fishin' for \$50K Trout Derby to be held on June 7th & 8th
 - D. Consider approval of a special event permit for Big Bear Lake Triathlon to be held on June 28th
 - E. Consider approval of a special event permit for Big Bear Lake PaddleFest to be held on July 12th
 - F. Consider approval of a special event permit for Big Bear Lake Jazz Trax Summer Music Festival to be held June 20, 21, 22.

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, April 3, 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.bbawd.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, MARCH 6, 2014***

CALL TO ORDER

President Murphy called the Open Session to order at 1:05 PM. Those in attendance included Director Lewis, Director Eminger, Director Smith, District Counsel Wayne Lemieux (via conference call), General Manager Scott Heule, Lake Manager Mike Stephenson, and Board Secretary Vicki Sheppard.

DISCUSSION AND ACTION ON CLOSED SESSION ITEMS

President Murphy reported that there was no reportable action from the closed session at the February 20th meeting.

REPORTS

General Manager, Scott Heule thanked the Directors for giving him a few days off to celebrate his brothers retirement after 32 years of piloting commercial aircraft. He reported that it was a great celebration adding that the weather was colder there than it was here. He commented that he had a bit of bad news explaining that the day after he left his mother fell and broke her hip and her surgery is scheduled for tomorrow. He reported that his presentation at the Kiwanis Club a week ago was well received. He added that he has placed some of the new posters that he used in the presentation around the room for everyone to look over. He explained that Victoria designed and produced them for him. Mr. Heule reported that the draft version of the annual Watermaster Report has been completed adding that we will be discussing the contents at the Watermaster meeting next week.

Lake Manager, Mike Stephenson reported that the maintenance department seasonal employees are coming back next week. He explained that a new clerk dispatch employee has been hired and will be starting in two weeks. He added that a new lake patrol officer has also been hired. He explained that the lake patrol shed has been rebuilt. He reported that Patrol Boat 7 has a rebuilt motor explaining that it is the boat that he will be using for the Polar Plunge to take the torch to the event. He commented that the MWD team is comprised of many of our employees explaining that most will not be participating in the plunge itself but did donate money. He reported that the lake came up 10 5/8 inches throughout the entire storm and has remained level for 2 days.

APPROVAL OF CONSENT CALENDAR

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

- Minutes of a Special Meeting of February 19, 2014

- Minutes of a Regular Meeting of February 20, 2014
- Warrant List dated February 27, 2014 for \$28,930.06
- Approval of a special event permit for the Jim Hall Memorial May Trout Classic to be held May 17th & 18th
- Approval of a special event permit for the 2014 Big Bear Lake Troutfest to be held on October 4th and 5th

District Counsel Wayne Lemieux explained a new rule that dictates that every Director's vote on every action item must be clearly set forth in the minutes of all meetings conducted under the Brown Act. He explained that if the vote is unanimous, it means that all Directors present voted for it so everyone has been identified in the minutes.

CONSIDER APPROVAL OF AN EXPENDITURE OF \$149,980 FOR THE PURCHASE OF AN AQUAMARINE AQUATIC PLANT HARVESTER

Lake Manager Mike Stephenson reported that at the Facilities Committee Meeting on February 26th, three quotes for harvesters were presented:

Aquamarine H9-905 for \$149,980

Aquamarine H5-200 for \$49,980

Inland Lake Harvesters, Inc.

Mild Steel Hull for \$158,675

Stainless Steel Hull for \$176,750

He explained that the one that staff and the committee believes to be the best choice is the Aquamarine H9 for \$149,980.00. He added that the reason for this recommendation is because the parts are interchangeable with our current harvester and also because it holds 150 cubic feet more weeds than the 750 we now own. He stated that the committee wanted to be sure the new engine meets current and future emission requirements for the State of CA and if sales tax is going to be charged and also the cost for delivery and if it can be delivered by June 15. Mr. Stephenson reported that he found out that it does meet emission standards and that tax is not applicable. Mr. Lemieux stated that California sales tax would most likely be charged. Mr. Stephenson reported that the machine that we want is not available at this time and he explained to the company that he needs it now, so they offered to loan us a machine if we order the new machine from them now and only pay for shipping on the loaner. He added that the shipping cost is estimated at about \$20,000 and the supplier will pay to have it shipped back to them at the end of the loaner use. He stated that we will pay them a down payment of \$70,000 before they ship the loaner and it will be applied to the new machine. He estimated the entire cost in rough numbers to be \$182,000 including the harvester, shipping, and sales tax. Director Smith explained that the loaner harvester is a machine that was traded in on a new machine. He reported that no new machines are available at this time. He added that the bottom line is that we will have a rental machine larger than what we are buying and we can start using it on June 15th. He stated that we will have to pay to ship it but not pay to ship it back and maybe we can even

keep it for a low price to use for parts or an extra machine rather than them having to pay to ship it back. Mr. Stephenson explained that they are sending photos of the loaner machine tomorrow. Director Smith asked if we could hold off making a decision until the next board meeting. Mr. Stephenson said if he stalls again we could lose the deal so he would like to order it as soon as possible. Director Smith stated that we have to do something about the weeds and if we use too much herbicide he believes we will have an algae bloom so he feels we should proceed with the offer.

Director Smith moved approval of an expenditure of not to exceed \$182,000 to include the equipment, transportation, and sales tax and to use \$70,000 as a down payment to come from the Capital Improvement fund. Director Lewis seconded the motion and it was unanimously approved.

PUBLIC FORUM

No comments were made

ANNOUNCEMENTS

Mr. Heule announced that our next Workshop is scheduled for March 19 at 1:00 PM. He added that the agenda will include issues from the Budget and Finance Committee. He reported that our next Board meeting will be on March 20. He added that he anticipates that we will be discussing the Big Bear Marina dredge project and bidding on the dam strut painting. He announced that he will be in Sacramento on Monday March 17th at the State Water Resources Control Board to hear about a proposed statewide Mercury Control Program for reservoirs. He added that this is in anticipation of a Statewide Mercury TMDL.

DIRECTOR COMMENTS

No comments were made

ADJOURNMENT TO CLOSED SESSION

The meeting was adjourned to Closed Session at 1:40 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 2:05 P.M.
No reportable action.

ADJOURNMENT

There being no further business, the meeting was adjourned at 2:06 P.M.

NEXT MEETING

Open Session at 1:00 P.M.
Thursday, March 20, 2014
Big Bear Municipal Water District
40524 Lakeview Drive, Big Bear Lake, CA

Vicki Sheppard
Secretary to the Board
Big Bear Municipal Water District

(SEAL)

Big Bear MWD
Warrant List Detail
 February 27 through March 11, 2014

Num	Type	Date	Name	Account	Paid Amount
152145	Check	3/10/2014	CARAGHER ED	1001-01 · General Checking Account	
496	Credit M...	3/3/2014		2800-03 · Boat Storage/RV Deposits	-100.00
TOTAL					-100.00
152146	Liability ...	3/10/2014	LINCOLN NATIONAL	1001-01 · General Checking Account	
				2101-01 · Deferred Compensation	-1,275.00
TOTAL					-1,275.00
152147	Liability ...	3/10/2014	MID AMERICA APPLE PLAN	1001-01 · General Checking Account	
				2100-21 · Apple Plan - Company Pay	-148.08
				2100-20 · Apple Plan - Employee Pay	-148.08
TOTAL					-296.16
152148	Liability ...	3/10/2014	COLONIAL LIFE	1001-01 · General Checking Account	
				2100-17 · Colonial Life - Insure Payable	-115.83
				2100-18 · Colonial Life- Post Tax Payable	-58.56
				2100-19 · Colonial - Pre Tax Payable	-220.59
TOTAL					-394.98
152149	Liability ...	3/10/2014	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
152150	Bill Pmt ...	3/10/2014	ALL PROTECTION ALARM	1001-01 · General Checking Account	
516769	Bill	3/6/2014		5630-10 · ADMIN-Bldg/Facility Maint/Rep	-75.00
TOTAL					-75.00
152151	Bill Pmt ...	3/10/2014	ANDRADE JEFF (TRAINING)	1001-01 · General Checking Account	
BASIC ...	Bill	3/10/2014		5570-43 · OPS-OSHA-Training	-672.60
TOTAL					-672.60
152152	Bill Pmt ...	3/10/2014	BAUMGARTNER	1001-01 · General Checking Account	
110944	Bill	3/3/2014		5540-42 · OPS-PreEmployment Physicals	-295.00
TOTAL					-295.00
152153	Bill Pmt ...	3/10/2014	BIG BEAR DISPOSAL	1001-01 · General Checking Account	
5882	Bill	3/1/2014		5507-41 · OPS-Utilities-Main Office	-156.74
TOTAL					-156.74
152154	Bill Pmt ...	3/10/2014	BUTCHER'S BLOCK AND ...	1001-01 · General Checking Account	
279714	Bill	2/24/2014		5630-40 · OPS-Bldg/Fac Mtn/Rep	-358.07
279930	Bill	2/25/2014		5630-40 · OPS-Bldg/Fac Mtn/Rep	-23.84
280309	Bill	2/26/2014		5630-10 · ADMIN-Bldg/Facility Maint/Rep	-3.36
281388	Bill	3/4/2014		5630-31 · MAINT-Bldg/Facil Maint/Rep-Shop	-37.43
282166	Bill	3/7/2014		5620-30 · MAINT-Equip Maintenance	-58.13
TOTAL					-480.83

Big Bear MWD
Warrant List Detail
 February 27 through March 11, 2014

Num	Type	Date	Name	Account	Paid Amount
152155	Bill Pmt ...	3/10/2014	BVE	1001-01 · General Checking Account	
022620...	Bill	2/26/2014		5507-43 · OPS-Utilities-Ramps	-393.85
022820...	Bill	2/28/2014		5507-21 · WATER-Utilities-Aerator	-725.25
022820...	Bill	2/28/2014		5507-22 · WATER-Utilities-Dam	-338.87
022820...	Bill	2/28/2014		5507-22 · WATER-Utilities-Dam	-68.24
022820...	Bill	2/28/2014		5507-41 · OPS-Utilities-Main Office	-11.85
022820...	Bill	2/28/2014		5507-43 · OPS-Utilities-Ramps	-160.31
TOTAL					-1,698.37
152156	Bill Pmt ...	3/10/2014	BVPRINTING	1001-01 · General Checking Account	
85032	Bill	2/25/2014		5502-01 · ADMIN-Printing	-93.14
TOTAL					-93.14
152157	Bill Pmt ...	3/10/2014	BYRD INDUSTRIAL ELECT...	1001-01 · General Checking Account	
112-14	Bill	2/4/2014		5640-02 · WATER-Dam Maintenance	-710.92
TOTAL					-710.92
152158	Bill Pmt ...	3/10/2014	CAPITOL ENQUIRY	1001-01 · General Checking Account	
61847	Bill	1/14/2014		5509-03 · ADMIN-Memberships-Subscriptions	-39.37
TOTAL					-39.37
152159	Bill Pmt ...	3/10/2014	CBSOA	1001-01 · General Checking Account	
2014 H...	Bill	3/10/2014		5570-02 · ADMIN-Training/Seminars-Mgmt	-110.00
TOTAL					-110.00
152160	Bill Pmt ...	3/10/2014	COMSERCO	1001-01 · General Checking Account	
68166	Bill	2/28/2014		5506-41 · OPS-Radio Service Contract	-260.00
TOTAL					-260.00
152161	Bill Pmt ...	3/10/2014	CONKLIN PAINT	1001-01 · General Checking Account	
20164	Bill	1/28/2014		5630-31 · MAINT-Bldg/Facil Maint/Rep-Shop	-3.65
20222	Bill	2/25/2014		5630-40 · OPS-Bldg/Fac Mtn/Rep	-137.52
TOTAL					-141.17
152162	Bill Pmt ...	3/10/2014	CSB WATER AND SANITA...	1001-01 · General Checking Account	
022820...	Bill	2/28/2014		5507-43 · OPS-Utilities-Ramps	-123.92
TOTAL					-123.92
152163	Bill Pmt ...	3/10/2014	DIRECTV INC	1001-01 · General Checking Account	
022320...	Bill	2/23/2014		5507-42 · OPS-Utilities-RV Park	-206.78
TOTAL					-206.78
152164	Bill Pmt ...	3/10/2014	DISH NETWORK	1001-01 · General Checking Account	
030420...	Bill	3/4/2014		5507-41 · OPS-Utilities-Main Office	-75.00
TOTAL					-75.00

Big Bear MWD
Warrant List Detail
 February 27 through March 11, 2014

Num	Type	Date	Name	Account	Paid Amount
152165	Bill Pmt ...	3/10/2014	DWP	1001-01 · General Checking Account	
022720...	Bill	2/27/2014		5507-44 · OPS-Utilities-Trout Pond	-83.19
022720...	Bill	2/27/2014		5507-41 · OPS-Utilities-Main Office	-49.90
022720...	Bill	2/27/2014		5507-43 · OPS-Utilities-Ramps	-20.19
022720...	Bill	2/27/2014		5507-43 · OPS-Utilities-Ramps	-128.51
022720...	Bill	2/27/2014		5507-41 · OPS-Utilities-Main Office	-15.14
022720...	Bill	2/27/2014		5507-42 · OPS-Utilities-RV Park	-287.03
TOTAL					-583.96
152166	Bill Pmt ...	3/10/2014	ENDURA STEEL	1001-01 · General Checking Account	
5-501323	Bill	3/4/2014		5620-30 · MAINT-Equip Maintenance	-314.36
TOTAL					-314.36
152167	Bill Pmt ...	3/10/2014	EQUIPCO	1001-01 · General Checking Account	
S53401	Bill	2/27/2014		5650-02 · WATER-Watershed Mgt Equip&Maint	-777.58
TOTAL					-777.58
152168	Bill Pmt ...	3/10/2014	LEMIEUX & O'NEILL	1001-01 · General Checking Account	
20-999...	Bill	2/28/2014		5520-01 · ADMIN-District Counsel Retainer	-3,500.00
TOTAL					-3,500.00
152169	Bill Pmt ...	3/10/2014	MASTERCARD	1001-01 · General Checking Account	
022820...	Bill	2/28/2014		5570-04 · ADMIN-Training/Travel-Software	-250.00
				5570-01 · ADMIN-Training/Seminars-GM	-625.00
				5570-01 · ADMIN-Training/Seminars-GM	-169.00
				5570-05 · ADMIN-Training/Travel-Seas Empl	-668.45
				5570-01 · ADMIN-Training/Seminars-GM	-695.00
TOTAL					-2,407.45
152170	Bill Pmt ...	3/10/2014	MCMMASTER-CARR	1001-01 · General Checking Account	
753656...	Bill	2/26/2014		5630-10 · ADMIN-Bldg/Facility Maint/Rep	-399.06
759470...	Bill	3/4/2014		5630-10 · ADMIN-Bldg/Facility Maint/Rep	-208.44
TOTAL					-607.50
152171	Bill Pmt ...	3/10/2014	MWH	1001-01 · General Checking Account	
1643958	Bill	3/10/2014		6100-06 · Dam Repair-Gen Engineering	-1,681.53
TOTAL					-1,681.53
152172	Bill Pmt ...	3/10/2014	NO CONTRACT VOIP	1001-01 · General Checking Account	
030520...	Bill	3/5/2014		5505-01 · ADMIN-Phones Local/Hardware/Rep	-144.18
TOTAL					-144.18
152173	Bill Pmt ...	3/10/2014	QUILL	1001-01 · General Checking Account	
9917002	Bill	2/26/2014		5503-01 · ADMIN-Office Supplies-Office	-20.38
1063769	Bill	3/4/2014		5503-01 · ADMIN-Office Supplies-Office	-17.81
TOTAL					-38.19
152174	Bill Pmt ...	3/10/2014	ROTARY	1001-01 · General Checking Account	
022820...	Bill	2/28/2014		5509-08 · ADMIN-Member/Subs/Permit-Rotary	-92.00
TOTAL					-92.00

Big Bear MWD
Warrant List Detail
February 27 through March 11, 2014

Num	Type	Date	Name	Account	Paid Amount
152175	Bill Pmt ...	3/10/2014	SQUEEGEE CLEAN WIND...	1001-01 · General Checking Account	
022720...	Bill	2/27/2014		5630-10 · ADMIN-Bldg/Facility Maint/Rep	-50.00
TOTAL					-50.00
152176	Bill Pmt ...	3/10/2014	SUPERMEDIA	1001-01 · General Checking Account	
030120...	Bill	3/1/2014		5505-01 · ADMIN-Phones Local/Hardware/Rep	-67.50
TOTAL					-67.50
152177	Bill Pmt ...	3/10/2014	TOTAL TESTING	1001-01 · General Checking Account	
24105	Bill	2/28/2014		5540-19 · ADMIN-Recruitment Expense	-160.00
				5540-19 · ADMIN-Recruitment Expense	-160.00
TOTAL					-320.00
152178	Bill Pmt ...	3/10/2014	VERIZON CALIFORNIA	1001-01 · General Checking Account	
022520...	Bill	2/25/2014		5505-05 · ADMIN-Phone Weather Station	-52.48
022820...	Bill	2/28/2014		5505-04 · ADMIN-Phone At the Dam	-49.01
030120...	Bill	3/1/2014		5505-01 · ADMIN-Phones Local/Hardware/Rep	-375.12
				5505-03 · ADMIN-Phones Long Distance	-45.25
030120...	Bill	3/1/2014		5505-02 · ADMIN-Phones Ramps Local Svc	-55.07
030120...	Bill	3/1/2014		5505-02 · ADMIN-Phones Ramps Local Svc	-50.79
030120...	Bill	3/1/2014		5505-02 · ADMIN-Phones Ramps Local Svc	-65.75
TOTAL					-693.47
152179	Bill Pmt ...	3/10/2014	WOLCOTT ASHLEY (TRAI...	1001-01 · General Checking Account	
032320...	Bill	3/10/2014		5570-43 · OPS-OSHA-Training	-384.00
TOTAL					-384.00
152180	Bill Pmt ...	3/10/2014	XEROX	1001-01 · General Checking Account	
072880...	Bill	3/1/2014		5750-03 · Copier Lease Expense	-469.50
				5620-13 · ADMIN-Copier Maint/Repair	-113.03
TOTAL					-582.53
152181	Bill Pmt ...	3/10/2014	CBSOA	1001-01 · General Checking Account	
2014 S...	Bill	3/10/2014		5509-10 · ADMIN-Member/Subs/Permit-Orgs	-40.00
				5570-02 · ADMIN-Training/Seminars-Mgmt	-110.00
TOTAL					-150.00
152182	Bill Pmt ...	3/10/2014	MASTERCARD	1001-01 · General Checking Account	
022820...	Bill	2/28/2014		5571-03 · ADMIN-Div 3- Suhay Expenses	-695.00
TOTAL					-695.00
152183	Bill Pmt ...	3/10/2014	MASTERCARD	1001-01 · General Checking Account	
022820...	Bill	2/28/2014		5571-04 · ADMIN-Div 4- Eminger Expenses	-695.00
TOTAL					-695.00
152184	Liability ...	3/10/2014	AFLAC	1001-01 · General Checking Account	
				2100-08 · AFLAC Payable	-284.18
TOTAL					-284.18

12:44 PM
03/13/14

Big Bear MWD
Warrant List Detail
February 27 through March 11, 2014

<u>Num</u>	<u>Type</u>	<u>Date</u>	<u>Name</u>	<u>Account</u>	<u>Paid Amount</u>
152185	Bill Pmt ...	3/10/2014	BVPRINTING	1001-01 · General Checking Account	
85061	Bill	3/5/2014		5510-10 · ADMIN-Celebrations	-226.48
TOTAL					-226.48
152186	Bill Pmt ...	3/10/2014	MASTERCARD	1001-01 · General Checking Account	
022820...	Bill	2/28/2014		5630-42 · OPS-Bldg/Fac Mtn/Rep-EAST RAMP	-772.42
				5630-42 · OPS-Bldg/Fac Mtn/Rep-EAST RAMP	-772.42
				5540-19 · ADMIN-Recruitment Expense	-24.80
				5503-01 · ADMIN-Office Supplies-Office	-223.51
				5510-05 · ADMIN-Public Info-Other Agency	-35.35
				5543-30 · MAINT-Small Tools/Tool Supplies	-315.79
				5541-41 · OPS-Uniform/Sm Equip-Reg Empl	-464.30
				5541-41 · OPS-Uniform/Sm Equip-Reg Empl	-77.76
				5510-05 · ADMIN-Public Info-Other Agency	-42.36
				5570-02 · ADMIN-Training/Seminars-Mgmt	-200.00
TOTAL					-2,928.71

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

MEETING DATE: *March 20, 2014*

AGENDA ITEM: *6A*

SUBJECT:

DISCUSS AND PROVIDE DIRECTION FOR THE BIG BEAR MARINA DREDGE PROJECT

RECOMMENDATION:

The Lake Improvement Committee (Directors Eminger & Lewis) recommends the Board provide direction to the General Manager for this project.

DISCUSSION/FINDINGS:

In order to capitalize on the present and potential near future low lake level condition the Committee discussed next steps for moving forward on the proposed Big Bear Marina dredge project. Because environmental documents and permitting are so time consuming the Committee would like the Board to discuss and provide direction to the General Manager concerning this project. The Lake Manager advised that for ease of future maintenance dredge projects the District should try to secure an MOU from the Corps of Engineers and Regional Water Quality Control Board like we have with Fish and Wildlife by including the necessary environmental work as part of a program EIR instead of just a single project EIR. When the District solicited bids for the Big Bear Marina Dredge CEQA work in 2010 it also contemplated other dredge work such as Stanfield Cutoff, Anderson Point, Metcalf Bay etc. The complete Big Bear Marina dredge project construction cost estimate prepared in July 2009 was about \$650,000 for a dry excavation and \$1.1 million for a wet excavation. It would probably require closure of the District RV Park and temporary relocation of Big Bear Marina facilities during the work. The project description and dredge plan are attached for reference purposes.

OTHER AGENCY INVOLVEMENT: None

FINANCING: None

Submitted by: Scott Heule, General Manager

Big Bear Marina Deepening Project

Project Description

The project area is within the Big Bear Municipal Water District marina, which the District owns and leases to an operator. The project limit covers approximately 11 acres extending 900 ft north of existing boat ramp and 300 ft east and west of existing peninsula. The project includes extending and widening the existing peninsula and deepening the lake bottom adjacent to the peninsula. The purpose of the project is to repair and rehabilitate the marina facilities including navigation channels and protection groin to:

1. Improve the ingress and egress for Lake Patrol vessels and essential vessels, thereby improving emergency response time;
2. Provide more reliable public boat launching access to Big Bear Lake, especially in times of low lake levels; and
3. Facilitate a more consistent location for the marina dock systems and boat house, keeping more lake surface available for public use;

The dredging portion of the project will be designed to a depth of 18 ft below spillway datum (+6725.2 ft mean sea level (MSL)); which will provide mooring access along the west channel for patrol boats and BBMWD essential vessels as well as small craft ingress and egress from the existing boat ramp along the east channel. The design depth will allow access to floating docks and the existing boat ramp in the east channel during periods of low lake levels. At the time of the April, 2009, topographic survey, the lake level was 5.2 ft below spillway datum (+6738.0 ft MSL). The proposed dredge layout has been divided into 5 separate areas with Dredge Areas 1 and 2 being the minimum required. Dredge Areas 3, 4, and 5 are optional areas that can be dredged at the discretion of BBMWD. The dredge material will be disposed onsite to supplement the existing peninsula northward towards the lake and capped with armor stone and quarry run layer to prevent erosion due to wave action. The dredge footprints for Dredge Areas 1 to 5 and peninsula disposal limits are shown on figure 1.

Dredge Areas 1 and 2: The proposed Dredge Area 1 extends approximately 500 ft north from the existing shoreline along the west channel and 75 ft west from the existing peninsula. This will create a 75-ft wide channel necessary for mooring patrol boats and BBMWD essential vessels. Dredge Area 2 extends approximately 700 ft north from existing boat launch ramp along the east channel and 75 ft east from existing peninsula. This will create a 75-ft wide channel for small-craft access to the existing launch ramp during periods of low lake levels. The toe for Dredge Areas 1 and 2 will daylight into existing shoreline with 3:1 (horizontal:vertical) slopes and with 10:1 slopes within the lake. Material removed within Dredge Areas 1 and 2 will be disposed north of the existing peninsula extending the peninsula by approximately 380 ft north to a final elevation of 2 ft above spillway datum (+6745.2 ft MSL).

Dredge Areas 3, 4, and 5: Dredging within areas 3, 4, and 5 are optional and will be dredged at the discretion of BBMWD. Dredge Area 3 extends Dredge Area 1 westward by

approximately 120 ft. Dredge Area 4 extends the south end of Area 2 approximately 40 ft eastward and approximately 125 ft north allowing greater mooring access to the marina's floating fueling dock station. Dredge Area 5 would extend the north limits of Dredge Area 2 eastward expanding the 75 ft channel to approximately 155 ft wide. The toe for Dredge Areas 3, 4, and 5 will daylight into existing shoreline with 3:1 (horizontal:vertical) slopes and with 10:1 slopes within the lake. Dredge material removed will be disposed within the existing peninsula north of Area 1 and 2 disposal limits extending the peninsula approximately an additional 175 ft north to a final elevation of 2 ft above spillway datum (+6745.2 ft MSL).

Estimate of Dredged Material Volume

The survey used to determine the quantities was prepared by Aquatechnex in April, 2009. The table below outlines the estimated volume of material, the estimated volume for the 1-ft overdepth allowance, and the potential maximum volume of dredged material for each dredge area.

Dredge Area	Project Depth (ft below spillway)	Approximate Volume of Dredge Material (cy)	Approximate Volume of 1-ft overdepth allowance	Approximate Maximum volume of Dredge Material (cy)
1	-18	7,200	1,600	8,800
2	-18	3,100	1,650	4,750
<i>SubTotal</i>		<i>10,300</i>	<i>3,250</i>	<i>13,550</i>
3	-18	3,500	1,800	5,300
4	-18	1,650	350	2,000
5	-18	2,000	800	2,800
<i>SubTotal</i>		<i>7,150</i>	<i>2,950</i>	<i>10,100</i>
Total		17,450	6,200	23,650

The proposed base bid project includes dredging Dredge Areas 1 and 2 of approximately 10,300 cubic yards with an additional 3,250 cubic yards for a 1-ft overdepth allowance. The optional tasks include dredging Dredge Areas 3, 4, and 5 of approximately 7,150 cubic yards with an additional 2,950 cubic yards for a 1-ft overdepth allowance.

Estimate Volume of Slope Protection Armor

The table below outlines the estimated volume of Armor Stone and Quarry Run to be placed around the proposed onsite dredge disposal area.

Disposal Fill Limits by Dredge Area	Armor Stone (tons)	Quarry Run (tons)
Base Bid:		
Dredge Areas 1 & 2	2,000	3,000
Optional Bid:		
Dredge Area 3	800	550
Dredge Area 4	150	500
Dredge Area 5	400	250
Sub Total	1,350	1,300
Total	3,350	4,300

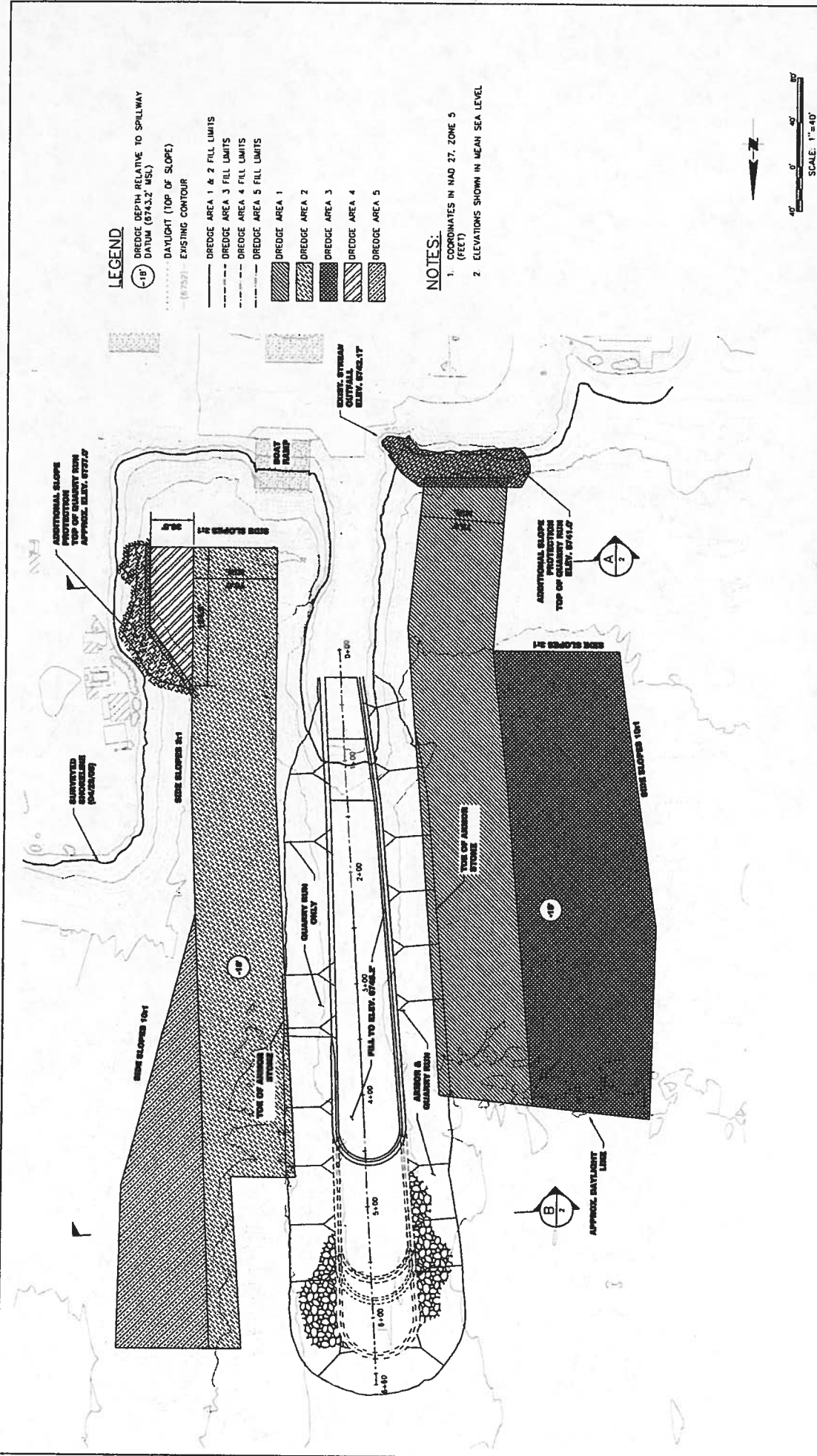
The proposed existing peninsula extension will be capped with a 12 inch layer of Quarry Run around the entire sloped perimeter of the peninsula. An 18 inch thick layer of Armor Stone is proposed to be placed over the Quarry Run along the west facing slope and approximately the north half of the east facing slope.

Project Methodology

With the current lake levels at 5.2 ft below spillway datum (+6738.0 ft MSL) it is assumed only a small portion of dredging will be conducted by land based equipment with the remaining dredging performed from the water. Dredging will most likely occur using a medium sized excavator (class 330 or equivalent) located either on land or on top of a float. Upon removal, dredged material will be directly placed on to the existing peninsula by the excavator and pushed into final grade using a bulldozer (D9 or equivalent) in a south to north direction. A stockpile area for the armor stone and quarry run rock is assumed to be located across the street from BBMWD office building and will be loaded into end dump trucks by a front end loader (980 or equivalent) and transported to the disposal site and placed by excavator. Typical construction equipment that is assumed to be used during construction activities include one or two excavators, bulldozer, front end loader, two or three end dump trucks for hauling rock from rock stockpile area, water truck, oiler truck for service and maintenance, contractor pickup trucks, and delivery trucks for mobilization and demobilization efforts.

Project Duration

The volume of material removed and disposed per day will vary based on site conditions, weather, and the contractor's selection of equipment. Dredging rate is assumed to be approximately 500 cy per day (2,500 cy per week) and armor rock and quarry run placement is assumed approximately 150 tons per day. The schedule to remove all the dredge material in Dredge Areas 1 through 5 (23,500 cy) is approximately 10 weeks (assuming a 5 day



LEGEND

- DREDGE DEPTH RELATIVE TO SPILLWAY DATUM (874.32' MSL)
- (18') DAYLIGHT (TOP OF SLOPE)
- (8732) EXISTING CONTOUR
- DREDGE AREA 1 & 2 FILL LIMITS
- DREDGE AREA 3 FILL LIMITS
- DREDGE AREA 4 FILL LIMITS
- DREDGE AREA 5 FILL LIMITS
- DREDGE AREA 1
- DREDGE AREA 2
- DREDGE AREA 3
- DREDGE AREA 4
- DREDGE AREA 5

NOTES:

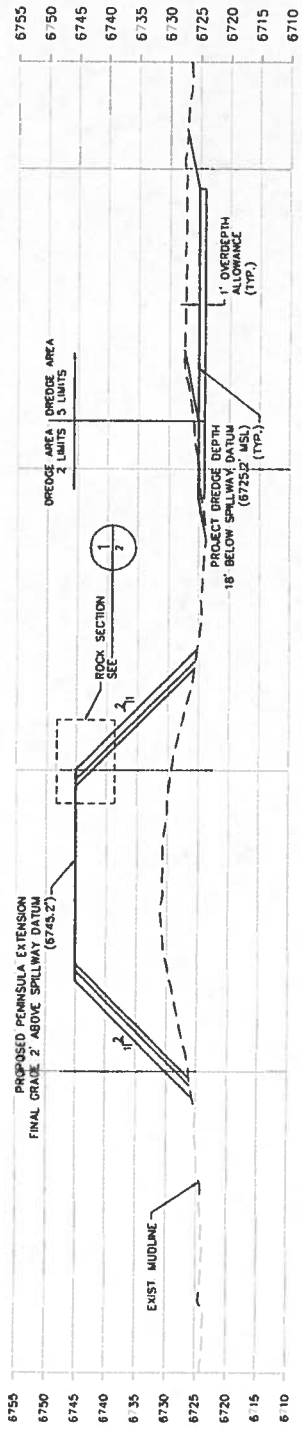
1. COORDINATES IN NAD 27, ZONE 5 (FEET)
2. ELEVATIONS SHOWN IN MEAN SEA LEVEL



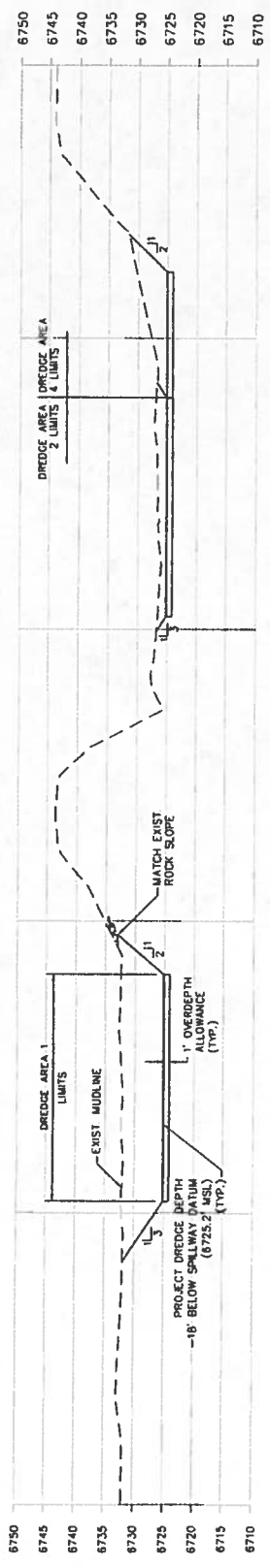
BIG BEAR MUNICIPAL WATER DISTRICT		DATE: 10/20/08	
BIG BEAR LAKE		PROJECT NO.: 6898	
MARINA DEEPENING		SHEET: 1	
EXHIBIT - FINAL LAYOUT PLAN VIEW		OF: 2	

SAN DIEGO, CALIFORNIA		DATE: 10/20/08	
MOFFATT & NICHOL		PROJECT NO.: 6898	
DESIGNED BY: DB		CHECKED BY: AL	
DRAWN BY: DB		APPROVED BY: AA	

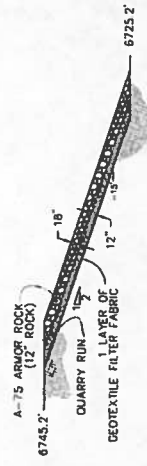




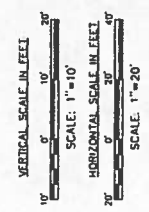
SECTION A
SCALE: VERT. 1"=10'
HORIZ. 1"=20'



SECTION A
SCALE: VERT. 1"=10'
HORIZ. 1"=20'



1
ROCK SECTION DETAIL
NOT TO SCALE



BIG BEAR MUNICIPAL WATER DISTRICT		DATE	10/20/09
BIG BEAR LAKE		AS NOTED	6886
MARINA DEEPENING		PROJECT	2
EXHIBIT -- FINAL LAYOUT SECTIONS		SHEET	2
		TOTAL SHEETS	2

SAN DIEGO CALIFORNIA		DESIGNED BY	AL
MOFFATT & NICHOL		DRAWN BY	AA
		CHECKED BY	DB
		IN CHARGE	DB

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

MEETING DATE: *March 20, 2014*

AGENDA ITEM: *6B*

SUBJECT:

CONSIDER APPROVAL FOR STAFF TO SOLICIT BIDS FOR DAM STRUT PAINTING AND ROCK ABUTMENT ANCHORS

RECOMMENDATION:

The Facilities Committee (Directors Smith & Suhay) recommends that staff solicit bids for this work.

DISCUSSION/FINDINGS:

MWH has completed the specifications and contract documents for two projects at the dam. One is painting of the steel struts and anchors on the buttresses and the other is rock anchors at the downstream dam abutments. The engineer's estimates of probable costs for these projects were \$100,000 to \$170,000 and \$30,000 to \$60,000 respectively in 2012. The District's dam engineer Mike Rogers suggested that the District combine these two projects into a single contract in order to simplify contract management and possibly save money on mobilization. The revised painting contract does not require full containment during metal preparation, only capture of any debris generated during chipping, brushing or sand blasting operations to remove the old paint. However, based on a recent conversation by the General Manager with MWH it appears that construction costs have increased significantly, 30% or more, since that time. The FY 2013-14 Budget includes \$175,000 for strut painting and \$65,000 for rock bolting/anchoring. MWH is presently performing a revised Engineers Estimate of Probable Cost but it is not available at this time. Because the work must get done in response to directives from the Division of Safety of Dams, the Committee is recommending that the Board authorize Staff to solicit bids for the work. It is probable that by the time Staff receives the bids MWH will have their estimate completed. Any costs in excess of the budgeted amounts could be paid with undesignated Dam Repair Fund monies.

OTHER AGENCY INVOLVEMENT: None

FINANCING: None at this time

Submitted by: Scott Heule, General Manager

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

MEETING DATE: *March 20, 2014*

AGENDA ITEM: *6C*

SUBJECT:

CONSIDER APPROVAL OF A SPECIAL EVENT PERMIT FOR FISHIN' FOR 50K TROUT DERBY TO BE HELD JUNE 7 & 8, 2014

RECOMMENDATION:

The Operations Committee will make a recommendation at the meeting.

DISCUSSION/FINDINGS:

The Big Bear Lake Resort Association's Fishin' for 50K Special Event is proposed for Saturday and Sunday June 7th & 8th. As in past events the District will tag fish from the rearing cages prior to the event and fish-purchase fees per angler will be assessed in accordance with District policy and the most current fee schedule. Special conditions for approval will be discussed at the meeting.

OTHER AGENCY INVOLVEMENT: None

FINANCING: None

Submitted by: Scott Heule, General Manager

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

MEETING DATE: *March 20, 2014*

AGENDA ITEM: *6D*

SUBJECT:

CONSIDER APPROVAL OF A SPECIAL EVENT PERMIT FOR BIG BEAR LAKE TRIATHLON TO BE HELD ON JUNE 28th

RECOMMENDATION:

The Operations Committee will make a recommendation at the meeting.

DISCUSSION/FINDINGS:

A Triathlon Special Event is proposed for Saturday June 28, 2014. The swimming portion of the event will stage at Swim Beach and will include both a sprint and Olympic length swim starting and ending at the beach. The swimming portion of the event will begin at about 8:30 AM and will continue in two sets of two waves ending at about 10:00 AM. Routes are subject to lake conditions at the time of the event and will be subject to prior approval of the Lake Operations Supervisor. The event is anticipated to draw about 500 participants. Two to three event sponsor boats and one Lake Patrol boat will be dedicated during the event for public safety and control of the race course perimeters. The Lake Operations Supervisor will advise the sponsor concerning location of the western end of the race course to assure safe non-participant vessel navigation around the course and will have ultimate authority to make adjustments as he deems appropriate. Special conditions for approval will be discussed at the meeting.

OHER AGENCY INVOLVEMENT: None

FINANCING: None

Submitted by: Scott Heule, General Manager

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

MEETING DATE: *March 20, 2014*

AGENDA ITEM: *6E*

SUBJECT:

CONSIDER APPROVAL OF A SPECIAL EVENT PERMIT FOR BIG BEAR PADDLEFEST 2014 TO BE HELD ON JULY 12th

RECOMMENDATION:

The Operations Committee will make a recommendation at the meeting.

DISCUSSION/FINDINGS:

The Paddelfest Special Event is proposed for one day only on Saturday July 12, 2014. The event is proposed to be held at Swim Beach/Meadow Park. The event will include a 5K race inside Swim Beach bay and a 10K race inside the buoy line from Swim Beach east towards Stanfield Cutoff then north and west to Meadows Edge Park and back. A 20K race will also take place inside the buoy line starting at Swim Beach inside the buoy line counterclockwise around the Lake. Special Conditions of approval will be discussed at the meeting.

OTHER AGENCY INVOLVEMENT: None

FINANCING: None

Submitted by: Scott Heule, General Manager

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

MEETING DATE: *March 20, 2014*

AGENDA ITEM: *6F*

SUBJECT:

**CONSIDER APPROVAL OF A SPECIAL EVENT PERMIT FOR BIG BEAR LAKE
JAZZ TRAX SUMMER MUSIC FESTIVAL TO BE HELD ON JUNE 20, 21 & 22**

RECOMMENDATION:

The Operations Committee will make a recommendation at the meeting.

DISCUSSION/FINDINGS:

This event is scheduled to take place lakeside and on a floating barge in front of Marina Resort on Friday, Saturday, and Sunday June 20, 21 and 22, 2014. Depending on lake level, it may be moved to the beach area. Special conditions will be discussed at the meeting

OTHER AGENCY INVOLVEMENT: None

FINANCING: None

Submitted by: Scott Heule, General Manager