



NWP NACIMIENTO WATER PROJECT

San Luis Obispo County Flood Control & Water Conservation District

Nacimiento Project Commission
Notice of Special Meeting and Agenda
Thursday, April 18, 2013 – 4:00 pm
Templeton Community Services District Offices

1. Call to Order
 - a. Call to Order, Roll Call, and Flag Salute
2. Public Comment
This is the opportunity for members of the public to address the Commission on items that are not on the agenda, subject to a three minute time limit.
3. Meeting Notes from February 28, 2013
(RECOMMEND APPROVAL)
4. COMMISSION INFORMATION ITEMS – written reports with brief verbal overview by staff or consultant. No action is required.
 - a. Status on Project Repairs and Settlements
 - b. Third Quarter Project Budget Report
 - c. MCWRA Reservoir Release Update
5. PRESENTATIONS – no action required.
None
6. COMMISSION ACTION ITEMS
(No Subsequent Board of Supervisors Action Required)
None
7. COMMISSION ACTION ITEMS
(Board of Supervisors Action is Subsequently Required)
 - a. FY 2013/14 Nacimiento Water Operating Fund Budget
8. FUTURE AGENDA ITEMS DESIRED BY COMMISSION

Commissioners

Judy Dietch, Chair, Templeton
CSD

Frank Mecham, Vice Chair, SLO
County Flood Control & Water
Conservation District

John Hamon, City of El Paso de
Robles

Grigger Jones, Atascadero MWC

Kathy Smith, City of San Luis
Obispo

Next Commission meeting scheduled for
Thursday, May 23, 2013, at 4:00 pm at
Templeton Community Services District Offices

Nacimiento Project Commission
April 18, 2013
Agenda Item 3 – Meeting Notes from February 28, 2013

Agenda Item 1.a – Call to Order, Roll Call, Flag Salute

Chairman Hamon convened the meeting at 4:00 p.m.

By unanimous vote, the newly elected Chairperson is Judith Dietch and the newly elected Vice-Chair is Frank Mecham.

Commissioners Present:

Chairperson Judith Dietch, Templeton Community Services District
Vice-Chairperson Frank Mecham, San Luis Obispo County Flood Control and Water Conservation District
John Hamon, City of Paso Robles
Grigger Jones, Atascadero Mutual Water Company
Kathy Smith, City of San Luis Obispo

Agenda Item 2 – Public Comment

There were no public comments.

Agenda Item 3.a – Meeting Notes from November 15, 2012

The meeting notes from the November 15, 2012, Commission Meeting were unanimously approved without corrections.

Agenda Item 4 –Commission Informational Items

Agenda Item 4.a – Utilities Division Manager’s Report

Project Status Update

Spec 2 - Dean Benedix updated the Commission that the Spec 2 Facilities Construction Contract Work still has one remaining issue at the Santa Ysabel Pump Station related to the control system. The Santa Ysabel Pump Station issue cannot be rectified until the system comes back online in April. Mediation for the Mountain Cascade case will not be completed until the system is running again.

Spec 3 - Mediation for the Teichert case was held December 18, 2012.

Construction Management - Mediation for the Jacobs Engineering Group issues was held February 14, 2013.

Operations Report

Dean Benedix gave a brief summary of the operations report. January preventative maintenance was completed and there was a leak about a mile upstream of the T11 turnout that was discovered and repaired. Rodent control measures will be installed at the pump stations due to an excessive amount of mice seen at the pump stations. Raw water pH levels in the pipeline have slightly increased. Water has been drained and the pipelines will be re-filled and pH rechecked once the Intake site has been completed. Water will not be pumped to San Luis Obispo until the pH reaches below 9.0.

Nacimiento Reservoir Status

Dean Benedix gave a brief summary of the reservoir status and data obtained from the Monterey County Water Resources Agency website. The Commission advised that they would like for the Nacimiento Reservoir Report to be included in their agenda package. It was omitted from this current package but will be included in the future agenda packages.

Outside Agency Issues

Monterey County Water Resources Agency: Nothing to report.

Santa Margarita Ranch: Received the signed checking agreement with a \$2,000 deposit. Will begin processing their request and develop an agreement. No current timeframe.

Lewis Pollard Family Trust: Nothing to report.

Heritage Ranch Community Service District: The District met with HRCSD and confirmed the scope of project they are interested in for emergency water conveyance. The turnout design specifics will be brought to the TSG for further consideration.

Klau Buena Vista Mine Superfund Site

Dean Benedix advised that a feasibility report of the mine is scheduled to be done later this year. Six locations have been identified for monitoring next winter. EPA is preparing the final lake sampling and analysis plan and will start this summer.

Invasive Species Prevention Program

Dean Benedix stated the program is proceeding favorably and staff communications with Monterey County are very positive and cooperative. Mr. Benedix gave an overview of the program's success and support by all participating entities.

18" Pipe Rupture

Dean Benedix gave a brief update on the pipe rupture that occurred April 13, 2012, near Santa Margarita Ranch. The final testing performed on samples taken from the dented area of the pipe section indicated that the dent resulted in increased internal pressure on the pipe causing the rupture. A letter was sent to contractor requesting they pay all costs incurred thus far and to provide a permanent repair program for the pipeline. If the

District receives no response we will be prepared to perform the work and demand full reimbursement due to the need to deliver water as soon as possible.

Intake Pipe Repair

Dean Benedix advised that remedial repair work was progressing well. Pictures were provided. Mr. Benedix stated that there was some corrosion on the washers because they were not stainless steel, these will be replaced. In response to Chairperson Dietch's inquiry if the washers were supposed to be stainless steel, Dean Benedix replied that they were.

P Mag (*Pectinatella magnifica*) Update

Dean Benedix explained P Mag is a freshwater bryozoan that is a sponge like creature composed of approximately 95% water. Dean advised that there is no evidence of concern regarding fouling from this organism, as it dissipates in early fall annually when water temperatures cool and has left no evidence of fouling or other problem. No evidence of P-mag in Santa Margarita Lake or Lopez Lake has been reported.

Oak Shores Interceptor Laterals Update

Dean Benedix gave an overview of the preventive measures taken to decrease the risk of breach in the interceptor system, including installation of marker buoys and signs, reinforcement of laterals, capped and removed cleanouts, and preparation of an interceptor sewer Risk Assessment Plan. The plan is due to be completed by early summer.

Proposed Budget

Dean Benedix discussed the 8 year CIP plan and passed out the proposed budget to the commission. It includes \$20,000 for spare parts, \$3,000 for electrical room door glazing installation, weather protective canopies installed at each of the turnouts for \$18,000, and annual equipment replacement for \$90,000.

Fiber Optic Update

Dean Benedix discussed the request from San Luis Obispo to use fiber optic strands for city purposes. Guy Savage from County IT was introduced and gave a presentation. Commissioner Hamon and Vice Chairperson Mecham indicated fiber use by agencies continues to be an issue to be further pursued.

Conflict of Interest Forms

Dean Benedix stated that each of the Commissioners needs to fill a Form 700 out for the Nacimiento Water Project and submit it by April 1, 2013. Each Commissioner was sent an email this month reminding them of this requirement.

Agenda Item 4.b – First Quarter Project Budget and Water Quality Budget

Dean Benedix stated that the overall quarterly budget expenditures were as discussed above in Agenda Item 4a and no refinancing is anticipated. On March 14, 2013 the TSG and the Finance committees will meet and go over details of the budget. Dean requested that each Commissioner review any issues they have with their TSG representatives

and/or finance representative prior to the April 18, 2013 special budget review and approval meeting.

Agenda Item 5 – Presentations

Agenda Item 5.a.

The proposed FY 2013/14 budget was handed out to the Commissioners and TSG members present. A special Finance Committee meeting will be held immediately before the next TSG meeting on March 14, 2013. The final budget will be presented to the Commission at a special meeting on April 18, 2013 for approval.

Agenda Item 5.b Presentation on Fiber Optics by Guy Savage

Guy Savage discussed the importance of fiber optics as a high capacity and extremely fast communication system. Businesses need faster upload and download speed. Mr. Savage said that about 10 years ago, San Luis Coastal, the County, the County Office of Education, and Cal Poly were all connected with fiber optics. They are working on getting Paso Robles and the Nacimiento Water Project fibers connected to San Luis Obispo. The goal is to have everyone (schools, law enforcement, county offices, businesses, etc.) be connected together on the same fiber optic network.

The three main projects that Guy Savage wants the County to work on which include: (1) identify and create a County wide plan, (2) determine the feasibility of using the Nacimiento Water Project conduit, and (3) how best to connect the County and other Agencies. These three projects require resources, research and communications between multiple agencies. In response to Mr. John Hollenbeck's question regarding why the spare conduit is important, Mr. Savage replied that the spare conduit could potentially be used for commercial purposes.

Agenda Item 6 – Commission Action Items (No subsequent Board of Supervisors action required)

Agenda Item 6.a – Surplus Water Declaration

The proposed amount of surplus water is 9607 AF. It is not anticipated that any of the reserve water will be requested. No financial impact resulted from the declaration of this surplus water. Commissioner Smith motions to accept this declaration and Commissioner Jones seconds the motion. The commission unanimously approves of this motion to accept the declaration.

Agenda Item 6.b – Surplus Water Pricing

Dean Benedix presents the staff report identifying the cost of surplus water between \$1,204/AF and \$1806/AF, and provides a Cost Analysis Table. The commission receives and accepts these amounts.

Agenda Item 6.c – City of Paso Robles Turnout Operation

Dean Benedix recommends that the commission receive the staff report and approve the change of the Paso Robles turnout from a rate of flow mode to a fixed valve position. The City of Paso proposes their water treatment plant inlet valve to make flow adjustments because their current project requires varying flow rates. Their request letter dated January 11, 2013 is attached to the packet on page 45. This change would only be for the Phase 1 project which has a flow rate of 2,000 GPM with a peak of just under 10,000 GPM. Commissioner Hamon moves to approve the motion and the commission unanimously approves.

Agenda Item 7 – Commission Action Items (Subsequent Board of Supervisors action required).

Agenda Item 7.a – Demand Response Program Support

Dean Benedix recommends the approval of a District's development of a Demand Response Program for Calendar Years 2013 to 2017. It is proposed to be operated by an independent contractor, Enernoc, partnered with PG&E. The potential return to the Project, with a 30 minute minimum notification, is estimated to be approximately \$40,000 per year, an updated estimate verbally presented by John Hollenbeck, at the meeting. The TSG recommended supporting this program at their February 14, 2013 meeting. Commissioner Mecham motions to approve this item, Commissioner Jones seconds, and the Commission unanimously approves.

Chairman Dietch adjourned the meeting at 5:45 p.m.

* * *

Submitted by Scott Duffield, Project Manager

Nacimiento Project Commission
April 18, 2013

Agenda Item 4.a – Status on Project Repairs and Settlements

- i. Status on Intake Repair
- ii. Status on Pipe Rupture
- iii. Status on Teichert Settlement and Inspection
- iv. Status on Mountain Cascade Settlement
- v. Status on Jacobs Settlement

Nacimiento Project Commission
April 18, 2013
Agenda Item 4.b – Third Quarter Project Budget Report
(Information Only – No Action Required)

TO: Nacimiento Project Commission

FROM: Wendy Hall, Administrative Services Manager

VIA: Dean Benedix, Utilities Division Manager
Nacimiento Technical Support Group

SUBJECT: Quarterly Project Budget Update

DATE: April 18, 2013

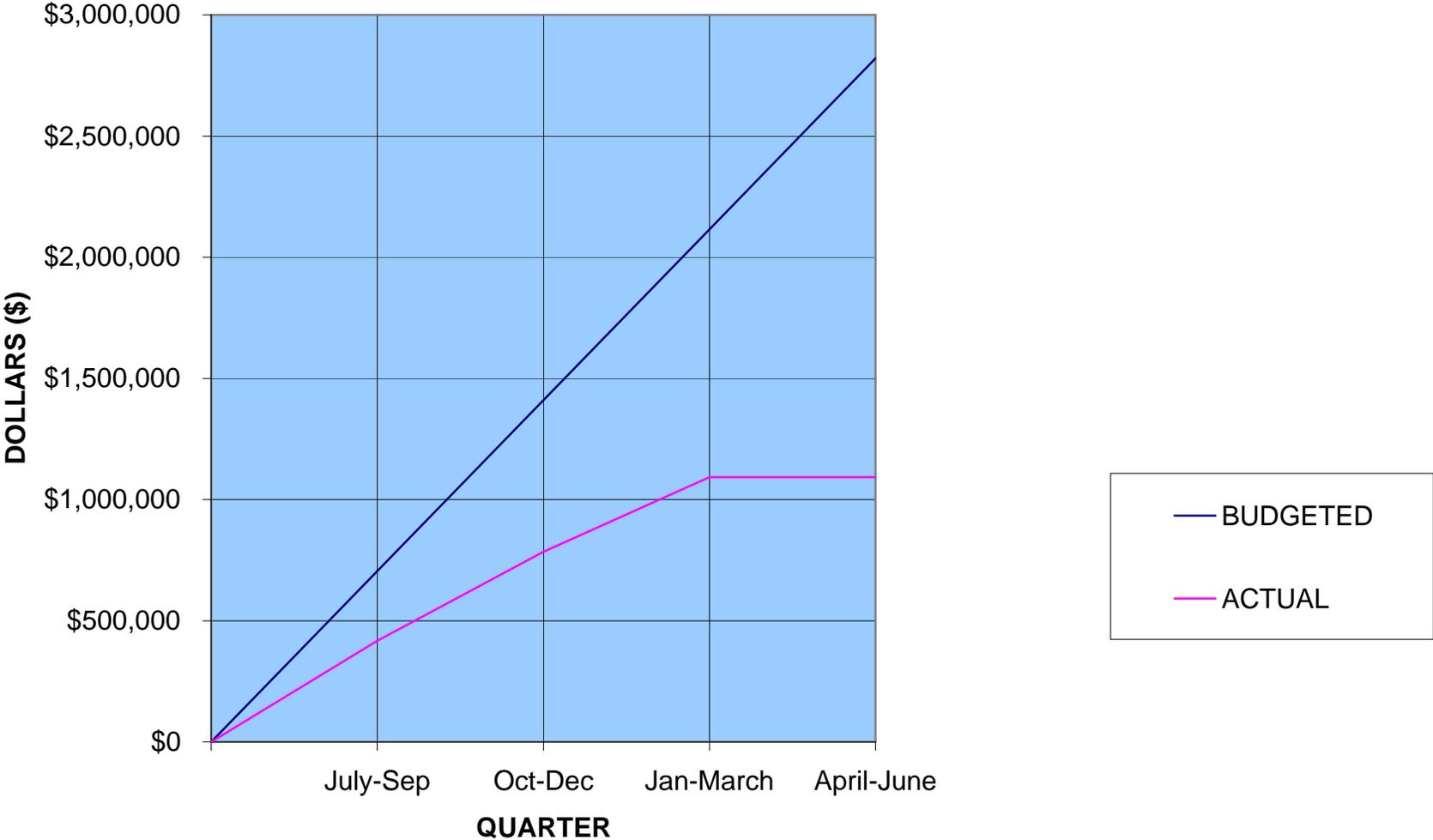
Figures summarizing the Quarterly Operating Fund Budget are provided for your information. If you have any questions please feel free to contact me at either (805) 781-5295 or via e-mail at: whall@co.slo.ca.us.

Nacimiento Water Operating Fund
Operation and Maintenance
FY 2012-2013

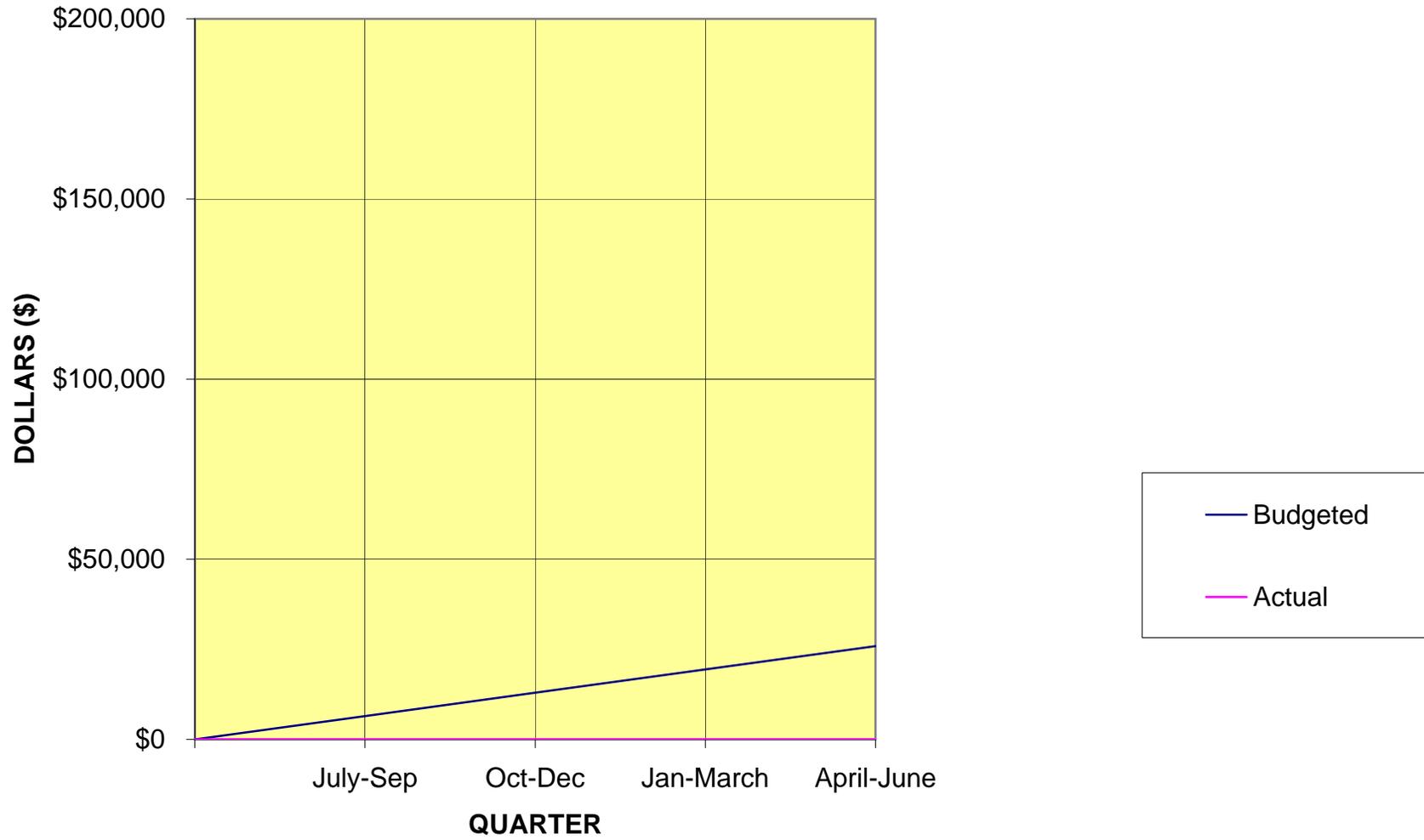
		Budget	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total	% of Budget	Actual Variance
	WBS Element	FY 2012-13	July-Sep	Oct-Dec	Jan-March	April-June			
Routine Operation and Maintenance									
Master Water Contract	300420.01.03	\$227,500	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$227,500.00
Variable Energy Costs	300420.03	\$687,700	\$160,998.96	\$110,063.83	\$11,223.90	\$0.00	\$282,286.69	41.0%	\$405,413.31
Water Conservation Management	300420.04	\$3,100	\$148.72	\$0.00	\$0.00	\$0.00	\$148.72	4.8%	\$2,951.28
Water Quality Analysis	300420.05	\$174,967	\$39,880.46	\$30,135.58	\$26,015.45	\$0.00	\$96,031.49	54.9%	\$78,935.51
Water Quality Support	300420.06	\$191,033	\$43,381.27	\$33,292.41	\$42,408.18	\$0.00	\$119,081.86	62.3%	\$71,950.86
Regulatory Agency/Department of Public Health	300420.02	\$37,400	\$3,775.25	\$0.00	\$14,330.00	\$0.00	\$18,105.25	48.4%	\$19,294.75
Invasive Species/Quagga Mussels	300420.09.02/06.01	\$227,400	\$22,288.41	\$44,899.43	\$31,269.93	\$0.00	\$98,457.77	43.3%	\$128,942.23
Environmental Mitigation	300420.09/09.01	\$43,700	\$170.36	\$0.00	\$0.00	\$0.00	\$170.36	0.4%	\$43,529.64
Utilities Operations and Office Engineering	300420.07	\$297,900	\$32,336.51	\$34,819.97	\$37,370.37	\$0.00	\$104,526.85	35.1%	\$193,373.15
Lakeside Contracts	300420.01.05	\$32,157	\$1,812.29	\$4,164.16	\$1,459.61	\$0.00	\$7,436.06	23.1%	\$24,720.94
Water Rights	300420.01.04	\$25,000	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$25,000.00
General Accounting	300420.01	\$141,000	\$19,128.90	\$20,287.13	\$14,894.20	\$0.00	\$54,310.23	38.5%	\$86,689.77
County wide Overhead	300420.01.01	\$61,800	\$11,154.00	\$12,274.95	\$0.00	\$0.00	\$23,428.95	37.9%	\$38,371.05
Contributions to ISF/New Equipment	300420.01.02	\$3,650	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$3,650.00
General Units	300420.10	\$21,000	\$1,384.07	\$5,963.76	\$6,256.29	\$0.00	\$13,604.12	64.8%	\$7,395.88
Unit A, Intake Pump Station	300420.10.A	\$153,700	\$17,023.97	\$15,456.77	\$24,564.35	\$0.00	\$57,045.09	37.1%	\$96,654.91
Unit A1, Camp Roberts Tank	300420.10.A1	\$32,600	\$1,759.62	\$2,063.82	\$1,090.98	\$0.00	\$4,914.42	15.1%	\$27,685.58
Unit B, Santa Ysabel Pump Station	300420.10.B	\$104,000	\$22,208.67	\$16,314.43	\$19,515.27	\$0.00	\$58,038.37	55.8%	\$45,961.63
Unit C, Pipe, Monterey Road to Wellsona	300420.10.C	\$24,000	\$1,157.27	\$3,100.09	\$2,535.14	\$0.00	\$6,792.50	28.3%	\$17,207.50
Unit C1, Pipe, Monterey Road/Wellsona	300420.10.C1	\$22,000	\$5,313.51	\$8,611.38	\$15,380.28	\$0.00	\$29,305.17	133.2%	(\$7,305.17)
Unit D, Pipe, Paso Turnout to Templeton CSD	300420.10.D	\$15,000	\$1,190.88	\$1,227.88	\$751.16	\$0.00	\$3,169.92	21.1%	\$11,830.08
Unit E, Pipe, Templeton CSD to Atascadero MWC	300420.10.E	\$15,000	\$794.19	\$482.51	\$104.15	\$0.00	\$1,380.85	9.2%	\$13,619.15
Unit F, Pipe, Atascadero MWC to Rocky Canyon Tank	300420.10.F	\$15,100	\$486.06	\$615.58	\$1,542.35	\$0.00	\$2,643.99	17.5%	\$12,456.01
Unit F1, Rocky Canyon Tank	300420.10.F1	\$12,600	\$2,880.89	\$4,256.52	\$4,452.01	\$0.00	\$11,589.42	92.0%	\$1,010.58
Unit F2, Rocky Canyon Pump Station	300420.10.F2	\$111,200	\$5,057.39	\$4,290.46	\$3,528.44	\$0.00	\$12,876.29	11.6%	\$98,323.71
Unit G, Rocky Canyon PS to Route 58/Maria Avenue	300420.10.G	\$15,000	\$1,551.04	\$595.33	\$5,139.17	\$0.00	\$7,285.54	48.6%	\$7,714.46
Unit G1, Route 58/Maria Ave. to Cuesta Tunnel Tank	300420.10.G1	\$19,000	\$12,482.26	\$2,822.51	\$25,049.98	\$0.00	\$40,354.75	212.4%	(\$21,354.75)
Unit G2, Cuesta Tunnel Tank	300420.10.G2	\$25,000	\$2,631.26	\$2,438.60	\$875.52	\$0.00	\$5,945.38	23.8%	\$19,054.62
Unit H, Cuesta Tunnel	300420.10.H	\$1,800	\$0.00	\$303.81	\$1,263.04	\$0.00	\$1,566.85	87.0%	\$233.15
Unit H1, Cuesta Tunnel to San Luis Obispo Turnout	300420.10.H1	\$30,700	\$2,709.99	\$68.91	\$14,379.25	\$0.00	\$17,158.15	55.9%	\$13,541.85
Unit T-2, City of Paso Robles Turnout	300420.10.T2	\$5,700	\$343.13	\$2,420.57	\$561.62	\$0.00	\$3,325.32	58.3%	\$2,374.68
Unit T-4, Templeton CSD Turnout	300420.10.T4	\$11,600	\$501.59	\$4,461.50	\$233.26	\$0.00	\$5,196.35	44.8%	\$6,403.65
Unit T-6, Atascadero MWC Turnout	300420.10.T6	\$15,800	\$1,386.05	\$596.72	\$278.88	\$0.00	\$2,261.65	14.3%	\$13,538.35
Unit T-11/11a, City of San Luis Obispo Turnout	300420.10.T11/T11a	\$15,200	\$1,168.81	\$1,169.04	\$1,232.32	\$0.00	\$3,570.17	23.5%	\$11,629.83
Total Routine Operation and Maintenance		\$2,820,307	\$417,105.78	\$367,197.65	\$307,705.10	\$0.00	\$1,092,008.53	38.7%	\$1,728,298.19
Non-Routine O&M									
Misc. Fiber Optic Repair		\$25,900	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$25,900.00
Booster Station Upgrade (1)		\$0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$0.00
Total Non-Routine Operation and Maintenance		\$25,900	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	\$25,900.00
Capital Outlay									
Intake Errosion Repair	300486	\$28,000	\$0.00	\$24,195.60	\$0.00	\$0.00	\$24,195.60	86.4%	\$3,804.40
Total Capital Outlay		\$28,000	\$0.00	\$24,195.60	\$0.00	\$0.00	\$24,195.60	86.4%	\$3,804.40
Grand Total		\$2,874,207	\$417,106	\$391,393	\$307,705	\$0	\$1,116,204	38.8%	\$1,758,003

(1) Project Rolled to FY 2012-2013

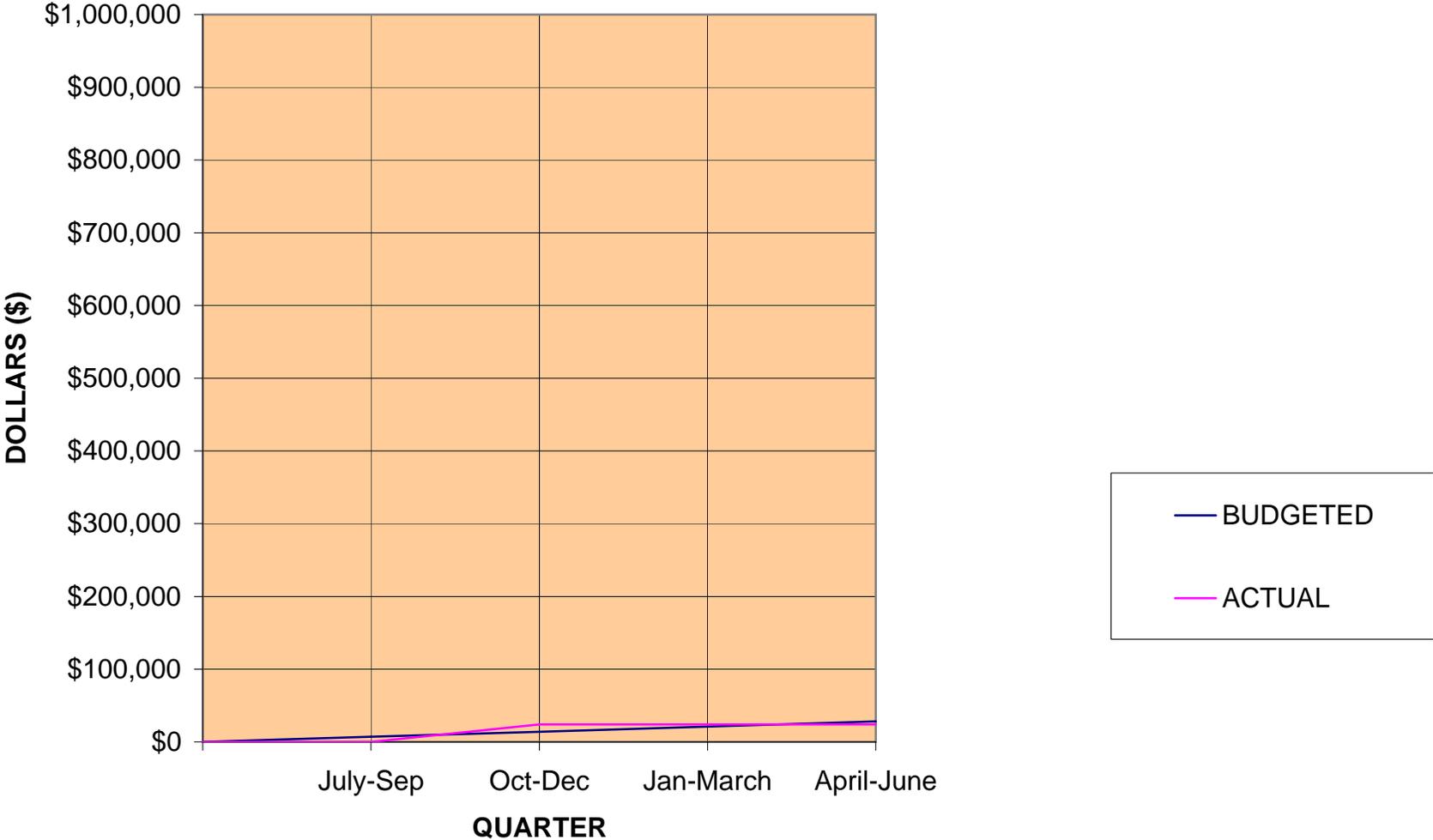
Total Routine Operations and Maintenance



Total Non-Routine Operations and Maintenance



Total Capital Outlay



Nacimiento Project Commission
April 18, 2013
Agenda Item 4.c – MCWRA Reservoir Operations Update

TO: Nacimiento Project Commission
FROM: Dean Benedix, Utilities Division Manager
DATE: April 18, 2013

At the Monterey County Water Resources Agency Reservoir Operation Committee meeting on April 11, 2013, the committee discussed their release program and reviewed two reservoir release options for the coming year. The attached Reservoir Release Update indicates that the Nacimiento reservoir should be anticipated to be at minimum pool by the end of this calendar year. Dean will provide additional relevant information at the Commission meeting.

N:\NWP\Commission\Meetings\2013 Meetings\2013-04-18\AGENDA Item 4.c.doc



WATER RESOURCES AGENCY

MEMORANDUM

Monterey County

DATE: April 11, 2013

TO: Reservoir Operations Committee

FROM: Howard Franklin

SUBJECT: Reservoir Release Update

RESERVOIR ELEVATION / STORAGE: As of the date of this memorandum, San Antonio Reservoir is at approximately 742.75 feet mean sea level (msl), 170,438 acre-feet of storage. Nacimiento Reservoir is at elevation 757.4 feet msl, 177,184 acre-feet of storage. San Antonio Reservoir is currently at 51% of storage capacity and Nacimiento Reservoir is at 47% of capacity.

RESERVOIR RELEASES: Conservation releases began on March 13, 2013 in order to re-establish flows in the river for aquifer recharge and Salinas River Diversion Facility operations. Nacimiento Reservoir releases remain at minimum fisheries releases of 60 cfs as maintenance activities at Nacimiento Dam have constrained releases to the High Level Gates. The inflatable dam at the SRDF was raised on April 8, 2013. The impoundment filled over a period of three days while fish bypass flows of 15 cfs were maintained. Pumping for irrigation delivery began on April 10, 2013.

On March 15th, based on mean daily flows at the USGS gage Arroyo Seco near Soledad, the Agency forecasted the “year type” as DRY NORMAL. National Marine Fisheries was notified of this forecast.

Current releases are as follows:

Nacimiento Reservoir:	60 cfs
San Antonio Reservoir:	325 cfs

Total releases from both reservoirs to the Salinas River are approximately 385 cfs. As of the date of this memorandum the following “provisional” flows have been recorded by the USGS and/or Agency:

- Salinas River near Spreckels: 35 cfs (steady)
- Salinas River near Chualar: 77 cfs (steady)
- Salinas River near Soledad: 169 cfs (steady)
- Salinas River near Bradley: 377 cfs (steady)

Synopsis of Reservoir Release Changes from February 11, 2013 to April 2, 2013

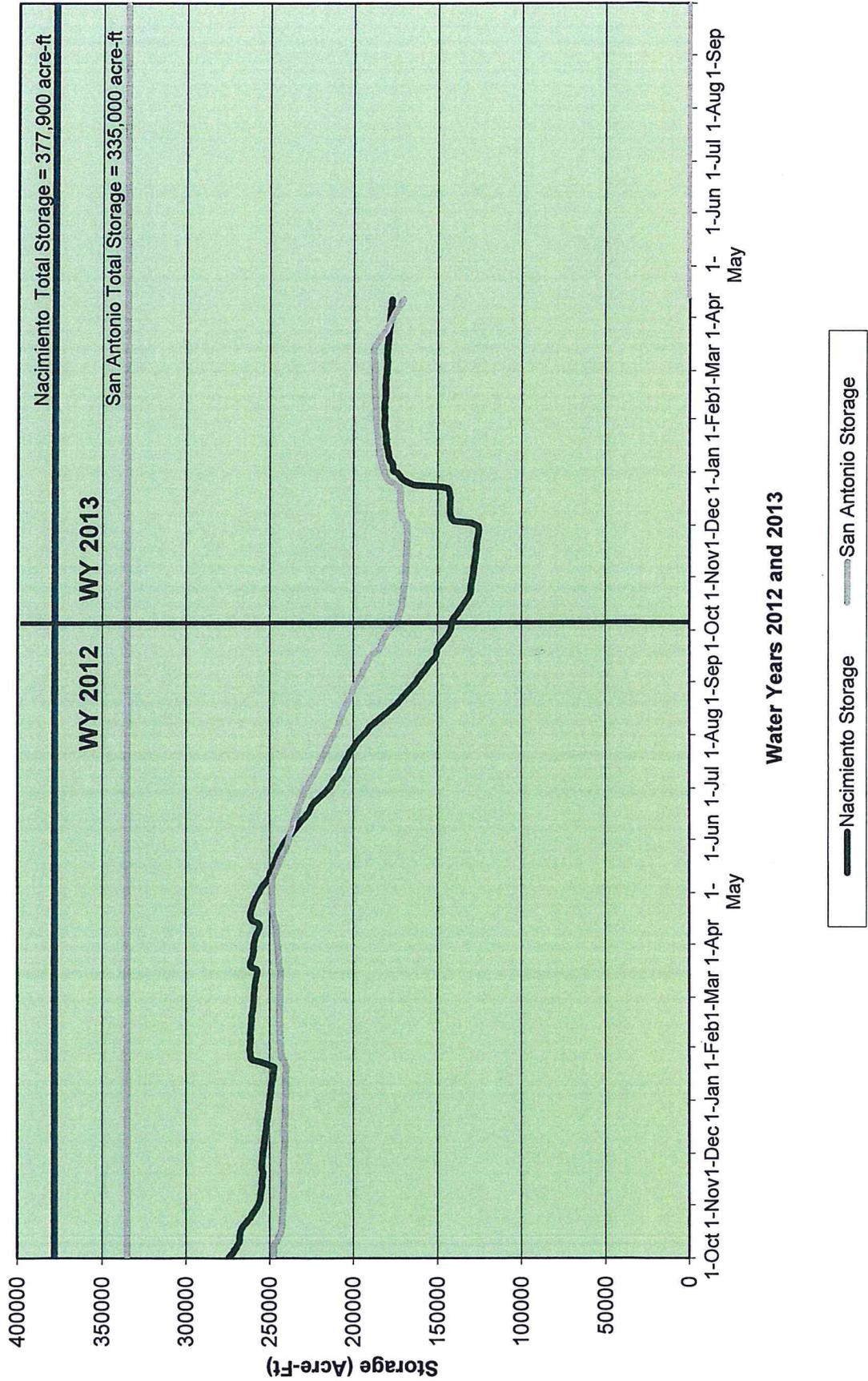
Date	San Antonio Reservoir		Nacimientto Reservoir		Total Releases
	Starting Flow	Ending Flow	Starting Flow	Ending Flow	
February 11, 2013*	10	10	60	59	69
February 12, 2013*	10	10	59	71	81
February 13, 2013*	10	10	71	69	79
February 14, 2013*	10	10	69	68	78
February 15, 2013*	10	10	68	64	74
February 16, 2013*	10	10	64	63	73
February 26, 2013*	10	10	63	62	72
February 27, 2013*	10	10	62	60	70
**					
March 7, 2013*	10	10	60	60	70
March 13, 2013*	10	200	60	60	260
March 14, 2013*	200	300	60	60	360
March 18, 2013*	300	400	60	60	460
March 19, 2013*	400	500	60	60	560
March 19, 2013***	500	400	60	60	460
March 25, 2013*	400	200	60	60	260
March 26, 2013*	200	160	60	60	220
March 27, 2013*	160	200	60	60	260
March 27, 2013*	200	250	60	60	310
March 29, 2013*	250	275	60	60	335
April 2, 2013*	275	325	60	60	385

*Operating releases through Nacimientto High Level Gates; Reporting Provisional Mean Daily Flow at USGS Gage, Nacimientto River below Nacimientto Dam near Bradley

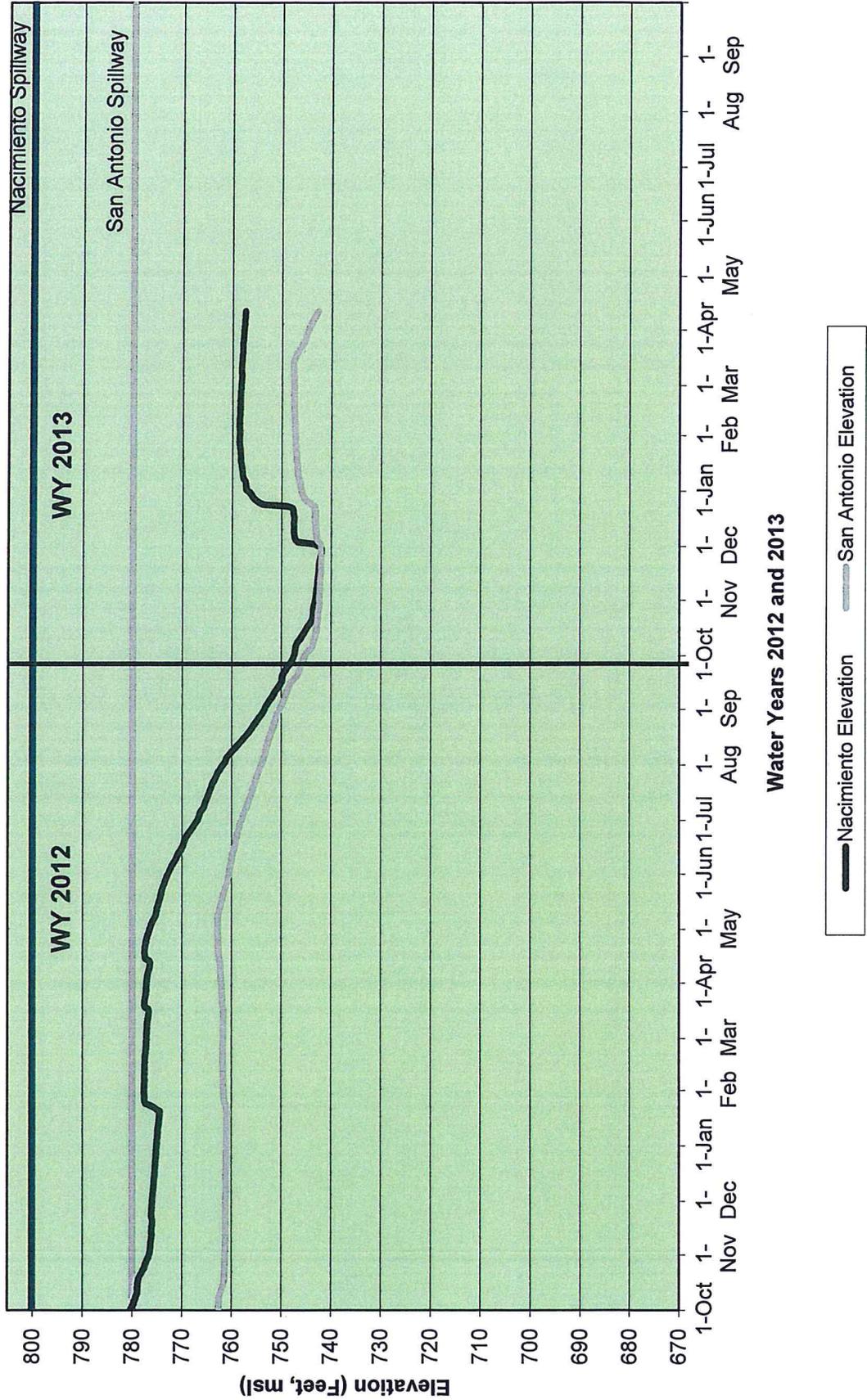
**Operation of Nacimientto Releases through high level gates result in minor discharge variations; as noted in the reported Provisional Mean Daily Flow at the USGS Gage, Nacimientto River below Nacimientto Dam near Bradley, and as indicated in this table (through Feb. 27th). These variations will be recorded by the Agency but no longer reported in this document unless the magnitude of the change is greater than +/- 10% of target release (currently 60 cfs).

***Increased releases from San Antonio Reservoir to 500 cfs for approximately five hours then reduced releases back to 400 cfs.

Reservoir Storage



Reservoir Elevation



MONTEREY COUNTY WATER RESOURCES AGENCY

PRELIMINARY - Estimated Elevation/Storage/NWP Diversions; after April 1st

4/3/2013

RESERVOIR RELEASE SCHEDULE FOR 2013 - Option 1: Maximize Nacimiento Releases after May 1st

	NACIMIENTO							SAN ANTONIO						
	Combined Releases (cfs)*	Combined Releases (ac-ft)	Evap. Losses (ac-ft)**	Reservoir Releases (cfs)*	Reservoir Releases (ac-ft)	NWP Orders (ac-ft)	NWP Diversions (ac-ft)	Storage (ac-ft)	Elev. (ft)	Evap. Losses (ac-ft)**	Reservoir Releases (cfs)*	Reservoir Releases (ac-ft)	Storage (ac-ft)	Elev. (ft)
1/1/2013	70	4,340	495	60	3,720	776	8	176,101	757.1	397	10	620	181,623	746.0
2/1/2013	72	4,032	579	62	3,472	1,037	0	181,225	758.5	431	10	560	186,445	747.3
3/1/2013	255	15,806	1,176	63	3,924	1,033	0	180,288	758.3	1,215	192	11,882	187,358	747.6
4/1/2013	390	23,400	1,774	60	3,600	1,133	1,133	178,087	757.7	1,764	330	19,800	176,675	744.6
5/1/2013	435	26,940	2,402	285	17,650	1,166	1,166	171,580	755.9	2,390	150	9,290	155,111	738.1
6/1/2013	582	34,900	2,688	416	24,950	1,258	1,258	150,363	749.8	2,748	166	9,950	143,431	734.4
7/1/2013	626	38,800	2,718	379	23,480	2,035	2,035	121,466	740.7	2,971	247	15,320	130,733	730.1
8/1/2013	650	40,300	2,204	373	23,150	2,094	2,094	93,233	730.4	2,452	277	17,150	112,442	723.4
9/1/2013	605	36,300	1,397	336	20,150	1,880	1,880	65,784	718.5	1,652	269	16,150	92,840	715.3
10/1/2013	361	22,370	807	213	13,200	1,240	1,240	42,358	705.0	1,034	148	9,170	75,038	706.5
11/1/2013	70	4,200	354	60	3,600	1,253	1,253	27,111	692.9	524	10	600	64,834	700.6
12/1/2013	10	620	219	0	0	844	844	21,904	687.3	314	10	620	63,709	699.9
1/1/2014								20,841	686.05				62,775	699.4
TOTALS:		252,008	16,813	140,896	15,750	12,911	17,893							

* Mean daily flow for the month in cubic feet per second.

** Evap. Losses calculated from pan evaporation data at Nacimiento and San Antonio Reservoirs. Estimated from long term data after: Feb. 1st

1. Nacimiento Reservoir storage capacity 377,900 acre feet.

2. San Antonio Reservoir storage capacity 335,000 acre feet.

3. Reservoir Operations Committee may make release considerations for fish spawn and holiday periods to benefit recreation.

4. Shaded areas represent periods when elevations are influenced by inflow/runoff; releases may include flood control releases.

5. Preliminary Schedule assumes no inflow to reservoirs after May 1st.

6. "NACIMIENTO "NWP Diversions" are San Luis Obispo County - Nacimiento Water Project conveyance facilities diversions. Max. allowable diversions for water year (Oct. 1 - Sept. 30) are 15,750 ac-ft. To Be Reported (TBR)

ATTACHMENT 4

MONTEREY COUNTY WATER RESOURCES AGENCY

PRELIMINARY - Estimated Elevation/Storage/NWP Diversions; after April 1st

4/3/2013

RESERVOIR RELEASE SCHEDULE FOR 2013 - Option 2

	NACIMIENTO										SAN ANTONIO				
	Combined Releases (cfs)*	Combined Releases (ac-ft)	Evap. Losses (ac-ft)**	Reservoir Releases (cfs)*	Reservoir Releases (ac-ft)	NWP Orders (ac-ft)	NWP Diversions (ac-ft)	Storage (ac-ft)	Elev. (ft)	Evap. Losses (ac-ft)**	Reservoir Releases (cfs)*	Reservoir Releases (ac-ft)	Storage (ac-ft)	Elev. (ft)	
1/1/2013	70	4,340	495	60	3,720	776	8	176,101	757.1	397	10	620	181,623	746.0	
2/1/2013	72	4,032	579	62	3,472	1,037	0	181,225	758.5	431	10	560	186,445	747.3	
3/1/2013	255	15,806	1,176	63	3,924	1,033	0	180,288	758.3	1,215	192	11,882	187,358	747.6	
4/1/2013	390	23,400	1,774	60	3,600	1,133	1,133	178,087	757.7	1,764	330	19,800	176,675	744.6	
5/1/2013	435	26,939	2,418	232	14,353	1,166	1,166	171,580	755.9	2,375	203	12,586	155,111	738.1	
6/1/2013	582	34,920	2,778	250	15,000	1,258	1,258	153,643	750.8	2,658	332	19,920	140,150	733.3	
7/1/2013	625	38,750	2,934	260	16,120	2,035	2,035	134,607	745.0	2,746	365	22,630	117,573	725.4	
8/1/2013	650	40,300	2,531	256	15,872	2,094	2,094	113,518	738.0	2,124	394	24,428	92,196	715.0	
9/1/2013	605	36,310	1,709	336	20,160	1,880	1,880	93,020	730.3	1,325	269	16,150	65,644	701.1	
10/1/2013	361	22,376	1,052	213	13,206	1,240	1,240	69,271	720.1	781	148	9,170	48,169	689.6	
11/1/2013	70	4,200	491	60	3,600	1,253	1,253	53,774	712.1	386	10	600	38,218	681.6	
12/1/2013	70	4,340	305	60	3,720	844	844	48,429	709.0	230	10	620	37,232	680.8	
1/1/2014								43,561	705.81				36,382	680.0	
TOTALS:		255,713	18,243		116,747	15,750	12,911			16,432		138,966			

* Mean daily flow for the month in cubic feet per second.

** Evap. Losses calculated from pan evaporation data at Nacimiento and San Antonio Reservoirs. Estimated from long term data after: Feb. 1st

1. Nacimiento Reservoir storage capacity 377,900 acre feet.

2. San Antonio Reservoir storage capacity 335,000 acre feet.

3. Reservoir Operations Committee may make release considerations for fish spawn and holiday periods to benefit recreation.

4. Shaded areas represent periods when elevations are influenced by inflow/runoff; releases may include flood control releases.

5. Preliminary Schedule assumes no inflow to reservoirs after May 1st.

6. "NACIMIENTO "NWP Diversions" are San Luis Obispo County - Nacimiento Water Project conveyance facilities diversions. Max. allowable diversions for water year (Oct. 1 - Sept. 30) are 15,750 ac-ft. To Be Reported (TBR)

NOTES:

Nacimiento Project Commission
April 18, 2013
**Agenda Item 7.a – FY 2013/14 Nacimiento Water Operating Fund Budget
(Commission Action – Subsequent Board Action Required)**

TO: Nacimiento Project Commission
FROM: Will Clemens, Public Works Administrator
VIA: Dean Benedix, Utilities Division Manager
DATE: April 18, 2013

The 2013/14 Proposed Operating Budget was presented to the TSG and Finance Committee March 14, 2013. As per the Districts continued efforts to refine the budget, savings are attributable to the following areas:

- **Refined Estimates for Field Operations**
- **Water Quality Lab Efforts**
- **Quagga Mussel/Invasive Species Prevention Efforts.**
- **Environmental Mitigation Efforts**

These reductions will bring the proposed budget for Operations and Maintenance expenditures down 9.43% over the FY 2012-2013 budget.

Debt Service remains constant as per current allocations.

Non-Routine billings are higher due to the Booster Station Office & Control Center project that is allocated to the Nacimiento budget.

Capital/Reserve billings remain constant over last year.

Overall, the total billings to the participating agencies are similar to the prior years budget.

As the Nacimiento Water Project construction phase comes to a close, it is necessary to allocate debt service based on actual costs. The current debt service allocations were based on estimated capital costs. The District anticipates discussing the reallocation of debt service based on actual costs with the TSG and Finance committee prior to returning to your commission with final allocations by the end of 2013.

* * *