





TODAY'S ACTION

Consider Recommending that the Board of Directors
Adopts a Release Schedule for Nacimiento and
San Antonio Reservoirs for 2018





Financial Impact

- None



Committee Action

- None

Discussion

- Five years of drought conditions and emergency repairs resulted in low reservoir level conditions and the inability to operate the Salinas River Diversion Facility (SRDF) from 2014 through 2016 seasons
- Conditions changed significantly in the 2016-2017 winter increasing reservoir levels that allowed the operation of the SRDF in 2017
- Reservoir inflow experienced in the 2017-2018 winter will allow for a partial SRDF operational season

Discussion (cont.)

Winter	Nacimientto Net Inflow (ac-ft)	San Antonio Net Inflow (ac-ft)
2012-2013	56,252	19,882
2013-2014	7,500	195
2014-2015	50,513	5,122
2015-2016	68,700	14,500
2016-2017	245,000	159,000
2017-2018	60,000	11,000



Discussion (cont.)

- Releases this month:
 - Minimum fish releases until March 18th
 - Combined reservoir releases, ramping up to approx. 800 cfs, were initiated on March 19th and reduced back to minimum flows on March 23rd
 - Natural flows reached the Salinas River Lagoon on March 23rd flooding agricultural fields and threatening homes around the SR Lagoon
 - Agency performed an Emergency Sandbar Management activity to release impounding flood waters on March 25th around 3:30 pm
 - Triggers met on March 25th that required to initiate releases for adult steelhead upstream migration

Discussion (cont.)

- Current Reservoir Conditions (3/29/18):

	Nacimiento	San Antonio
Percentage of Capacity	56%	34%
Elevation (ft.)	766.3	724.3
Storage (ac-ft)	211,880	114,695
Releases (cfs)	460	250

Discussion (cont.)

- Proposed Reservoir Release Schedule for 2018:
 - Consistent with Salinas Valley Water Project National Marine Fisheries Service Biological Opinion (BO) and water rights held by the Agency.
 - Provides releases to recharge the groundwater basin (conservation releases) and to operate the SRDF for a period between April and August of this year

Proposed Reservoir Release Schedule for 2018

Month	Combined Releases (cfs)	Nacimiento Releases (cfs)	San Antonio Releases (cfs)	Nacimiento Elevation (ft)	San Antonio Elevation (ft)
Jan	70	60	10	751.8	720.3
Feb	70	60	10	751.3	720.4
Mar	233	162	70	750.3	720.1
Apr	531	404	127	765.3	723.5
May	577	400	177	758.6	720.2
Jun	710	400	310	750.8	715.0
Jul	769	345	423	742.1	705.1
Aug	716	361	356	733.2	687.5
Sep	70	60	10	722.6	665.6
Oct	70	60	10	719.5	664.3
Nov	70	60	10	716.4	663.1
Dec	70	60	10	713.7	662.1
Jan				711.3	661.1



Annual Release Totals for 2018

	Annual Total (acre-feet)	Maximum Allowed (acre-feet)
Nacimientos Releases	147,354	180,000
San Antonio Releases	92,721	210,000
NWP	15,750 (16,231- CY)	15,750



TODAY'S ACTION

Recommend that the Board of Directors Adopts a
Release Schedule for
Nacimiento and San Antonio Reservoirs for 2018



