

Old River near Tracy (DMC)							
Year	Installation			Notched	Removal		
	Started	Closed	Completed		Started	Breached	Completed
1991	14-Aug	No Data	30-Aug	No Data	28-Sep	No Data	13-Oct
1992	15-Apr	No Data	1-May	No Data	30-Sep	No Data	9-Oct
1993	12-May	No Data	1-Jun	No Data	27-Sep	No Data	6-Oct
1994	22-Apr	No Data	24-Apr	No Data	26-Sep	No Data	10-Oct
1995	3-Aug	No Data	8-Aug	No Data	27-Sep	No Data	6-Oct
1996	12-May	No Data	10-Jun (vii)	No Data	29-Sep	No Data	16-Oct
1997	8-Apr	No Data	17-Apr	No Data	30-Sep	No Data	7-Oct
1998	(ii)	(ii)	(ii)	N/A	N/A	N/A	N/A
1999	15-May	No Data	28-May	No Data	28-Sep	No Data	8-Oct
2000	4-Apr	No Data	16-Apr	No Data	1-Oct	No Data	7-Oct
2001	23-Apr	No Data	26-Apr	No Data	13-Nov	14-Nov	26-Nov
2002	1-Apr	No Data	18-Apr	No Data	16-Nov	16-Nov	29-Nov
2003	1-Apr	14-Apr	22-Apr	17-Sep	13-Nov	15-Nov	25-Nov
2004	1-Apr	15-Apr	20-Apr	10-Sep	8-Nov	8-Nov	1-Dec
2005	9-May	31-May	6-Jun	15-Sep	8-Nov	10-Nov	30-Nov
2006	7-Jul	17-Jul	31-Jul	1-Oct	13-Nov	16-Nov	8-Dec
2007	2-Apr	18-Apr	23-Apr	21-Sep	5-Nov	7-Nov	18-Nov
2008	12-May	4-Jun	19-Jun	10-Sep	3-Nov	4-Nov	25-Nov
2009	18-May	23-Jun	3-Jul	12-Sep	2-Nov	4-Nov	19-Nov
2010	10-May	3-Jun	8-Jun	15-Sep	19-Oct	20-Oct	4-Nov
2011	27-May	10-Jun	15-Jun	15-Sep	10-Oct	11-Oct	31-Oct
2012	15-Mar	31-Mar	6-Apr	14-Sep	16-Oct	22-Oct	8-Nov
2013	8-May	30-May	3-Jun	13-Sep	30-Oct	2-Nov	18-Nov
2014	11-Mar	3-Apr	8-Apr	8-Sep	31-Oct	5-Nov	22-Nov
2015	16-Mar	3-Apr	8-Apr	8-Sep	30-Oct	4-Nov	19-Nov
2016	3-Mar	23-Mar	28-Mar	12-Sep	19-Oct	20-Oct	28-Nov
2017	(ii)	(ii)	(ii)	N/A	N/A	N/A	N/A
2018	9-Mar	2-Apr	2-Apr	19-Sep	13-Nov	14-Nov	28-Nov
2019	2-Jul	19-Jul	2-Aug	6-Aug	28-Oct	28-Oct	11-Nov
2020	4-May	29-May	5-Jun	14-Sep	2-Nov	2-Nov	17-Nov
2021	10-May	27-May	27-May	13-Sep	9-Nov	9-Nov	20-Nov

- i. Not installed upon DFG's request.
- ii. Not installed due to high San Joaquin River flows.
- iii. Not installed because existing flows and dissolved oxygen levels in the San Joaquin River were sufficient for Chinook Salmon.
- iv. Not installed in accordance with Wanger decision to protect Delta Smelt.
- v. Not installed due to uncertainty about the benefits of installing the barrier to salmonid survival through the Delta.
- vi. Installation delayed due to high flows.
- vii. Completion delayed due to high flows.
- viii. Started south abutment construction to replace culverts, using barge and crane from shoreline.
- ix. Installed non-physical "Bubble Barrier" as a pilot test to prevent salmon from entering Old River.
- x. Not installed non-physical "Bubble Barrier" as planned due to high velocity currents in the San Joaquin River that posed excessively dangerous conditions for divers and ruled out the possibility of installing the necessary equipment on the channel bottom.
- xi. Only above water portion of boat ramps constructed due to high flows. North abutment not installed until full closure of barrier.
- xii. The flashboard structure washed out due to high flows and will be re-constructed at a later date. The weir section elevation had to be reduced to accommodate the high flow. All 6 culverts were in tidal position (closed).
- xiii. The flashboard structure was washed out earlier in the year and the California Department of Fish and Game did not required a notch this year due to high flows.
- xiv. All 6 culvert flap-gates were tied open.
- xv. The weir was raised by one foot.
- xvi. Barrier was breached on an emergency basis, but complete remove wasn't done until providing permit compliance of complete removal to the Corps.
- xvii. Partial barrier closed
- xviii. Fully barrier closed
- xix. Open all year
- xx. Not installed as it is not required in the NMFS BiOp on Long-term Operations of the CVP and SWP.