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PACIFIC COAST FEDERATION OF FISHERMEN'S
7 ASSOCIATIONS and INSTITUTE FOR FISHERIES RESOURCES

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9 BEFORE THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD

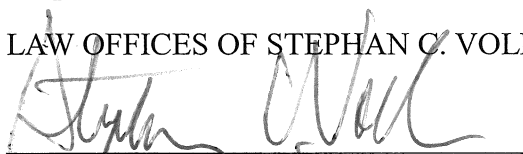
10 HEARING REGARDING PETITION FILED BY THE) **PART 1B EVIDENCE SUBMITTED**
DEPARTMENT OF WATER RESOURCES AND U.S.) **BY PROTESTANTS PACIFIC**
11 BUREAU OF RECLAMATION REQUESTING) **COAST FEDERATION OF**
CHANGES IN WATER RIGHTS FOR THE) **FISHERMEN'S ASSOCIATIONS**
12 CALIFORNIA WATERFIX PROJECT) **AND INSTITUTE FOR FISHERIES**
13) **RESOURCES**

14 Protestants have been directed to submit a final written exhibit list of testimony and exhibits
15 offered into evidence one week after the conclusion of their Part 1B cases in chief. Protestants Pacific
16 Coast Federation of Fishermen's Associations and Institute for Fisheries Resources (respectively
17 "PCFFA" and "IFR") have accordingly revised their previously submitted Exhibit Identification Index to
18 withdraw exhibits PCFFA-58 and PCFFA-59. PCFFA and IFR hereby submit their revised Exhibit
19 Identification Index listing their remaining exhibits for use in Part 1B (including its rebuttal phase) of the
20 WaterFix Hearing and respectfully move the exhibits listed thereon into evidence.

21 Dated: December 20, 2016

Respectfully submitted,

22 LAW OFFICES OF STEPHAN C. VOLKER



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24 STEPHAN C. VOLKER
Attorney for Protestants
25 PACIFIC COAST FEDERATION OF FISHERMEN'S
ASSOCIATIONS and INSTITUTE FOR FISHERIES
26 RESOURCES

PCFFA/IFR Case-In-Chief Exhibit Identification Index

California WaterFix hearing
California Department of Water Resources and U.S. Bureau of Reclamation

Date: December 20, 2016

PARTICIPANT: Pacific Coast Federation of Fishermen's Associations and Institute for Fisheries Resources

Exhibit Identification Number (e.g. DWR-1)	Exhibit Description	File Name	Status of Evidence		
			(for Hearing Team use Only)		
			Introduced	Accepted	By Official Notice
PCFFA-1	California Water Code section 1702	PCFFA_01_WC1702.pdf			
PCFFA-2	California Water Code section 1243 and 1243.5	PCFFA_02_WC1243.pdf			
PCFFA-3	California Water Code section 85086	PCFFA_03_85086.pdf			
PCFFA-4	Highlighted pages from exhibit SWRCB-25, p.2 to p.5	PCFFA_04_WRCB25.pdf			
PCFFA-5	October 30, 2015 Letter from Jared Blumenfeld to Regional Director David Murillo Re: SDEIS BDCP Comments	PCFFA_05_Blumen.pdf			
PCFFA-6	Highlighted pages from exhibit SWRCB-3, p.1-8	PCFFA_05_Blumen.pdf			
PCFFA-7	Highlighted pages from Department of Water Resources exhibit DWR-57, p.8	PCFFA_07_DWR57.pdf			
PCFFA-8	September 6, 2007 Letter from Mike Healey to John Kirlin Re: Projections of Sea Level Rise for the Delta	PCFFA_08_Healey.pdf			
PCFFA-9	May 15, 2014 Letter from Delta Independent Science Board to Randy Fiorini Re: Review of the Draft EIR/EIS for the Bay Delta Conservation Plan	PCFFA_09_ISB.pdf			
PCFFA-10	National Oceanic and Atmospheric Administration Technical Report: Global Sea Level Rise Scenarios for the United States National Climate Assessment	PCFFA_10_NOAA.pdf			
PCFFA-11	Highlighted page from Department of Water Resources exhibit DWR-57, p.16	PCFFA_11_DWR57.pdf			
PCFFA-12	SWRCB TUCP Index	PCFFA_12_TUCPs.pdf			
PCFFA-13	Department of Water Resources Notice to State Water Project Contractors (Dec. 21, 2012) re: 2013 State Water Project Allocation Increase to 40 Percent	PCFFA_13_Not12.pdf			
PCFFA-14	Michael Anderson 2009 Presentation, Future California Droughts in a Climate Change World	PCFFA_14_Anders.pdf			
PCFFA-15	Highlighted pages from DWR-212, p.48-49	PCFFA_15_DWR212.pdf			
PCFFA-16	Highlighted pages from DWR-212, p. 259	PCFFA_16_DWR212.pdf			
PCFFA-17	Highlighted pages from SWRCB-30, p. 28	PCFFA_17_WRCB30.pdf			
PCFFA-18	<i>Pacific Coast Federation of Fishermen's Associations v. United States Department of the Interior</i> , 9th Cir., Case Number 14-15514 (Filed July 25, 2016).	PCFFA_18_case.pdf			
PCFFA-19	Analytical Tools for Evaluating the Water Supply, Hydrodynamic, and Hydropower Effects of the Bay	PCFFA_19_Tools.pdf			
PCFFA-20	A Strategic Review of CalSim II and its Use for Water Planning, Management, and Operations in Central California (2003 Peer Review)	PCFFA_20_review.pdf			
PCFFA-21	Trend_Report_110411_BDCP_NAA_V1	PCFFA_21_Trdrpt.xlsm			
PCFFA-22	DWR (July 2006) Progress on Incorporating Climate Change into Management of California's Water Resources	PCFFA_22_DWRcc.pdf			
PCFFA-23	CRB Issue Summary -- Financing the State Water Project, June 1994	PCFFA_23_SWPfin.pdf			

PCFFA-24	FWS Memo, August 20, 2007, Re: San Luis Unit Interim CVP Water Service Contract Renewal for the Period January 1. 2008 through February 29,2011	PCFFA_24_FIIM.pdf			
PCFFA-25	Email from Chotkowski, March 26, 2012, Re: updated draft red flag comments on Feb 27 BDCP effects analysis and other issues. Attachment: March red-flag issues list 2012 03 26 v1.7 no status.docx	PCFFA_26_red1.pdf			
PCFFA-26	Email from Chotkowski, April 2, 2012, Re: NMFS March red flags document. Attachment: NMFS draft List of Unresolved Issues MT Final 3-28-12.docx	PCFFA_26_red2.pdf			
PCFFA-27	Email from Chotkowski, April 2, 2012, Re: Re: FW: end-of-month red flags document from FWS. Attachment: FWS March 2012 BDCP Effects Red Flags 2012 03 31 updated.pdf	PCFFA_27_red3.pdf			
PCFFA-28	Email from Chotkowski, April 5, 2012, Re: Fw: DFG Red Flag Issues_Comprehensive. Attachment: DFG Red-Flag Issues_Comp_4.4.12.pdf Chad Dibble.vcf	PCFFA_28_red4.pdf			
PCFFA-29	Email from Chotkowski, April 9, 2012, Re: red flags documents. Attachments: DFG Red-Flag Issues_Comp_4.4.12.pdf, EPA_BDCP_HCP_RedFlags.docx, NMFS draft List of Unresolved Issues MT Final 4-2-12.docx, FWS March 2012 BDCP Effects Red Flags 2012 03 31 updated.pdf	PCFFA_29_red5.pdf			
PCFFA-30	Email from Barajas, May 17, 2012, Re: Fw: Slides from Armin. Attachment: BDCP_FishAg_Scenarios_051712_v3.pptx	PCFFA_30_Armin.pdf			
PCFFA-31	Email from Chotkowski, June 26, 2012, Re: updates	PCFFA_31_Chot1.pdf			
PCFFA-32	Email from Chotkowski, June 27, 2012, Re: habitat objectives for the smelts. Attachments: Longfin_Smelt_Habitat_Objective_6-27-2012 carl wilcox + mc edits.doc, 2012 06 19 1040 Delta_smelt_habitat_objective.docx	PCFFA_32_Chot2.pdf			
PCFFA-33	Email from Chotkowski, July 3, 2012, Re: Fw: X2/south Delta	PCFFA_33_Chot3.pdf			
PCFFA-34	Email from Chotkowski, July 3, 2012, Re: draft effects analysis brief. Attachment: effects analysis brief DRAFT 2012 07 03.docx	PCFFA_34_Chot4.pdf			
PCFFA-35	Email from Chotkowski, July 5, 2012, Re: Fw: BDCP Principals June Workshop - Decisions and Agreed Actions. Attachment: 20120703 BDCP June Workshop_Decisions and Agreed Actions v3.docx	PCFFA_35_Chot5.pdf			
PCFFA-36	Email from Chotkowski, July 9, 2012, Re: Re: Fwd: Four Decision-tree assignments	PCFFA_36_Chot6.pdf			
PCFFA-37	Email from Chotkowski, July 11, 2012, Re: population growth objective	PCFFA_37_Chot7.pdf			
PCFFA-38	Email from Chotkowski, July 11, 2012, Re: effects analysis white paper. Attachment: effects analysis brief DRAFT 2012 07 11.docx	PCFFA_38_Chot8.pdf			
PCFFA-39	Email from Chotkowski, July 11, 2012, Re: effects analysis 1-page white paper. Attachment: effects analysis brief DRAFT 2012 07 09.docx	PCFFA_39_Chot9.pdf			
PCFFA-40	Email from Chotkowski, July 12, 2012, Re: Re: BDCP - Longfin Smelt BGO	PCFFA_40_Chot10.pdf			
PCFFA-41	Email from Chotkowski, July 13, 2012, Re: Re: Modeling List	PCFFA_41_Chot11.pdf			

PCFFA-42	Email from Milligan, August 22, 2012, Re: FW: CS5 follow-up discussion re:CVP system	PCFFA_42_Mill1.pdf			
PCFFA-43	Email from Rea, December 19, 2012, Re: Fwd: red-flag issue progress summary. Attachment: NMFS List of Red-Flag Issues with updates 12-10-12.docx	PCFFA_43_red6.pdf			
PCFFA-44	January 31, 2013 ARCHITECTURAL & ENGINEERING CONTRACTS TASK ORDER NO. HG-002	PCFFA_44_Task.pdf			
PCFFA-45	Email from Culberson, March 7, 2013, Re: Draft Chapter 5 review issues statements	PCFFA_45_Culb1.pdf			
PCFFA-46	NMFS, April 4, 2013, Evaluation of Flow Effects on Survival in Vicinity of Proposed North Delta Diversions, BDCP Admin Draft Dec 2012	PCFFA_46_NMFS1.pdf			
PCFFA-47	Comment from the California Natural Resources Agency, April 11, 2013	PCFFA_47_CaNRA.pdf			
PCFFA-48	April 3, 2013 U.S. Fish and Wildlife Service Staff BDCP Progress Assessment	PCFFA_48_FWS1.pdf			
PCFFA-49	Email from Wulff, October 23, 2013, Re: Updated Federal BDCP tracker and Checklist. Attachments: Public Draft Issues to be Resolved List_UPDATED_v.17_10.23.13.docx, BDCP CHECKLIST for Public Draft Release_REVISED for December 13_v.11_10.23.13.docx, BDCP_Remaining_Federal_Issues_Public_Draft_10 2113.pdf	PCFFA_49_Wulff1.pdf			
PCFFA-50	Email from Chotkowski, November 14, 2013, Re: tracker etc. issues. Attachments: Federal Issues Tracker_UPDATED_v.19_11.13.13.docx, List of Commitments - Between Draft and Final (1).docx	PCFFA_50_Chot12.pdf			
PCFFA-51	Email from Nobriga, January 14, 2014, Re: BDCP and EIS Assessment	PCFFA_51_Nob1.pdf			
PCFFA-52	Letter from Kern County Water Agency to DWR (Cook), December 9, 2014	PCFFA_52_DWR1.pdf			
PCFFA-53	Email from Banonis, December 22, 2014, Re: Re: Proceeding with NOI	PCFFA_53_Ban1.pdf			
PCFFA-54	DWR Fund Center Revision, Requested Amount \$2,519,350.00 2014/15, May 18, 2015	PCFFA_54_DWR2.pdf			
PCFFA-55	Email from Banonis, March 13, 2015, Re: BDCP Section 7 Schedule for Discussion on Monday, March 16. Attachment: DRAFT Revised BDCP Section 7 BA-BO Schedule 3-13-15.pdf	PCFFA_55_Ban2.pdf			
PCFFA-56	Email from Bryan Re: "Bridge" Tables. Attachments: image001.png, DFT Table 1. Bridge from DA to Effect Mechanisms.docx, DFT Table 2.Bridge to Effects Analysis.V1.docx, DFT Table 2.Bridge to Effects Analysis.V2.docx, Attachment 1 - Deconstruction Flowcharts-6-29-15.pptx	PCFFA_56_Bry1.pdf			
PCFFA-57	Letter from California Legislature to DWR and Bureau of Reclamation, September 10, 2015, Re: Pre-decisional activities in pursuit of the Delta tunnels	PCFFA_57_CaLeg.pdf			
PCFFA-58	Withdrawn (12-13-2016)	PCFFA_58_Note1.pdf			
PCFFA-59	Withdrawn (12-13-2016)	PCFFA_59_Note2.pdf			
PCFFA-60	Letter from Environmental Groups to Secretary Jewell et al., August 18, 2016, Re: URGENT Request for Reclamation and DWR to Issue a New California Water Fix Draft EIR/EIS to Finally Disclose and Analyze Adverse Environmental Impacts and to Develop and Consider a Reasonable Range of Alternatives Increasing Delta Flows	PCFFA_60_Env.pdf			

PCFFA-61	Summary of USACE Response to Comments, July 2, 2013, prepared by Emily Setzer, Senior Associate ICF - obtained from Mike Hoover, FWS Bay Delta Office as document "FWS-2014-00367-March 24, 2014"	PCFFA_61_USACE.xlsx			
PCFFA-62	March 2013, Revised Administrative Draft, Bay Delta Conservation Plan, Appendix 2.C, Climate Change Implications and Assumptions	PCFFA_62_BDCP2C.pdf			
PCFFA-63	Sutterley, T. C., I. Velicogna, E. Rignot, J. Mouginot, T. Flament, M. R. van den Broeke, J. M. van Wessum, and C. H. Reijmer, <i>Mass loss of the Amundsen Sea Embayment of West Antarctica from four independent techniques</i> , 41 Geophys. Res. Lett. 8421–8428	PCFFA_63_Sutt.pdf			
PCFFA-64	United States Army Corps of Engineers, table of regionally corrected sea level rise estimates for Port Chicago. August 16, 2016.	PCFFA_64_table.pdf			
PCFFA-65	United States Army Corps of Engineers, graph of regionally corrected sea level rise estimates for Port Chicago. August 16, 2016.	PCFFA_65_graph.pdf			
PCFFA-66	United States Army Corps of Engineers, Port Chicago sea level gauge data. August 16, 2016.	PCFFA_66_guage.pdf			
PCFFA-67	J. Hansen, M. Sato, P. Hearty, R. Ruedy, M. Kelley, V. Masson-Delmotte, G. Russell, G. Tselioudis, J. Cao, E. Rignot, I. Velicogna, E. Kandiano, K. von Schuckmann, P. Kharecha, A. N. Legrande, M. Bauer, and K.-W. Lo, <i>Ice melt, sea level rise and superstorms: evidence from paleoclimate data, climate modeling, and modern observations that 2 °C global warming is highly dangerous</i> ,	PCFFA_67_Hansen.pdf			
PCFFA-68	Gregory Flato et. al., <i>Climate Change 2013 The Physical Science Basis, Chapter 9: Evaluation of Climate Models</i> .	PCFFA_68_Flato			
PCFFA-69	Climate Change Scenarios And Sea Level Rise Estimates for the California 2009 Climate Change Scenarios Assessment, A Paper From the California Climate Change Center. Dan Cayan, Mary Tyree, Mike Dettinger, Hugo Hidalgo, Tapash Das, Ed Maurer, Peter Bromirski, Nicholas Graham, and Reinhard Flick.	PCFFA_69_Cayan.pdf			
PCFFA-70	Department of Water Resources, Perspectives and Guidance for Climate Change Analysis	PCFFA_70_DWRcc.pdf			
PCFFA-71	Francis Chung et. al., <i>Using Future Climate Projections to Support Water Resources Decision Making in California</i> , California Climate Change Center, Final Report, May 2009	PCFFA_71_Chung.pdf			
PCFFA-72	Sarah Null and Josh Viers, <i>Water and Energy Sector Vulnerability to Climate Warming in the Sierra Nevada: Water Year Classification in Non-Stationary Climates</i> , July 31, 2012	PCFFA_72_Null.pdf			
PCFFA-73	Abdul Khan and Andrew Schwarz <i>Climate Change Characterization and Analysis in California Water Resources Planning Studies</i> , Final Report,. Department of Water Resources December 2010	PCFFA_73_Khan.pdf			
PCFFA-74	David M. Meko, Matthew D. Therrell, Christopher H. Baisan, and Malcolm K Hughes, <i>Sacramento River Flow Reconstructed To Ad. 869 From Tree Rings</i> , Journal Of The American Water Resources Association, VOL. 37, NO.4, August 2001.	PCFFA_74_Meko01.pdf			
PCFFA-75	Deirdre Des Jardins Statement of Qualifications	PCFFA_75_DDJ.pdf			

PCFFA-76	S.C. Sherwood, S. Bony, and J. Dufresne, "Spread in model climate sensitivity traced to atmospheric convective mixing", Nature, vol. 505, pp. 37-42, 2014. http://dx.doi.org/10.1038/nature12829 .	PCFFA_76_SherN.pdf			
PCFFA-77	Powerpoint presentation, Deirdre Des Jardins, Climate Change Assumptions in the WaterFix, California Water Research	PCFFA_77_DDJpp.pdf			
PCFFA-78	Graphs, Deirdre Des Jardins, Climate Change Modeling for the BDCP / WaterFix, Figures 1-21.	PCFFA_78_DDJg.pdf			
PCFFA-79	Review Panel Report San Joaquin River Valley CalSim II Model Review, 2006	PCFFA_79_PR2006.pdf			
PCFFA-80	PEER REVIEW RESPONSE: A Report by DWR/Reclamation in Reply to the Peer Review of the CalSim-II Model Sponsored by the CALFED Science Program in December 2003	PCFFA_80_PR2004.pdf			
PCFFA-81	Testimony of Deirdre Des Jardins	Testimony_D.DesJardins_PCFFA_cic.pdf			
PCFFA-82	Testimony of Patricia Schifferle	Testimony_P.Schifferle_PCFFA_cic.pdf			
PCFFA-83	Part 1 Opening Statement (and Imbedded Requests for Official Notice) of Protestants Pacific Coast Federation of Fishermen's Associations and Institute for Fisheries Resources	PCFFA and IFR Opening Statement and Request for Official Notice .pdf			
PCFFA-84	Authenticating Declaration of Stephan C. Volker	Auth.Dec._S.Volker_PCFFA_cic.pdf			
IFR-1	Meko, Central Valley Droughts Over Last 1,000 Years, 2009 California Extreme Precipitation Symposium (UC Davis, June 24, 2009).	IFR-1_Meko.pdf			
IFR-2	Cook (2009) Megadroughts in North America: placing IPCC projections of hydroclimatic change in a long-term palaeoclimate context	IFR-2_Cook.pdf			

SWRCB Exhibits Referenced	Exhibit Description	Status of Evidence		
		(for Hearing Team use Only)		
		Introduced	Accepted	By Official Notice
SWRCB-3	2015 Public Draft Bay Delta Conservation Plan/California WaterFix Partially Recirculated Draft Environmental Impact Report/Supplemental Draft Environmental Impact Statement (RDEIR/SDEIS) and Comments.			
SWRCB-4	2013 Public Draft Environmental Impact Report/Environmental Impact Statement Bay Delta Conservation Plan.			
SWRCB-25	SWRCB. Development of Flow Criteria for the Sacramento-San Joaquin Delta Ecosystem, Prepared Pursuant to the Sacramento-San Joaquin Delta Reform Act of 2009, August 3, 2010.			
SWRCB-87	USFWS. Formal Endangered Species Act Consultation on the Proposed Coordinated Operations of the Central Valley Project (CVP) and State Water Project (SWP). December 15, 2008.			
SWRCB-104	Biological Assessment for the California WaterFix, July 2016 (Published August 2nd, 2016)			

STATEMENT OF SERVICE

CALIFORNIA WATERFIX PETITION HEARING
Department of Water Resources and U.S. Bureau of Reclamation (Petitioners)

I hereby certify that I have this day submitted to the State Water Resources Control Board and caused a true and correct copy of the following document(s):

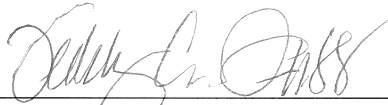
**PART 1B EVIDENCE SUBMITTED BY PROTESTANTS PACIFIC COAST
FEDERATION OF FISHERMEN'S ASSOCIATIONS AND INSTITUTE FOR
FISHERIES RESOURCES**

PCFFA/IFR CASE-IN-CHIEF EXHIBIT IDENTIFICATION LIST (December 20, 2016)

to be served by Electronic Mail (email) upon the parties listed in Table 1 of the Current Service List for the California WaterFix Petition Hearing, dated November 15, 2016, posted by the State Water Resources Control Board at

http://www.waterboards.ca.gov/waterrights/water_issues/programs/bay_delta/california_waterfix/service_list.shtml

I certify that the foregoing is true and correct and that this document was executed on December 20, 2016.



Name: Teddy Ann Fuss
Title: Legal Secretary
Party/Affiliation: Pacific Coast Federation of Fishermen's Associations and Institute for Fisheries Resources
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