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7 Principal, California Water Research

8 **BEFORE THE**  
9 **CALIFORNIA STATE WATER RESOURCES CONTROL BOARD**

10 HEARING IN THE MATTER OF  
11 CALIFORNIA DEPARTMENT OF WATER  
12 RESOURCES AND UNITED STATES  
13 BUREAU OF RECLAMATION  
14 REQUEST FOR A CHANGE IN POINT OF  
15 DIVERSION FOR CALIFORNIA WATER  
16 FIX

**DEIRDRE DES JARDINS’  
MOTION TO MOVE EXHIBITS  
INTO EVIDENCE; NOTICE OF  
AVAILABILITY OF FINAL  
EXHIBIT LIST AND ALL  
EXHIBITS THERETO**

17 Protestant Deirdre Des Jardins, principal at California Water Research (“California Water  
18 Research”) hereby requests that the exhibits listed in California Water Research’s attached final  
19 exhibit identification index be moved into evidence. The exhibits that have been crossed out are not  
20 submitted at this time. This motion shall also serve as a notice that the final exhibit list has been  
21 uploaded to the ftp site and all exhibits on the list are available on the Hearing website.

22 The exhibits were authenticated in written testimony and in oral testimony during California  
23 Water Research’s case in chief on December 13, 2016. Some exhibits introduced in cross-  
24 examination have highlighting of passages and are noted as such.

25 Dated December 20, 2016.

1 Respectfully submitted

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4 Deirdre Des Jardins  
5 Principal, California Water Research  
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2 **STATEMENT OF SERVICE**

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

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

9 **Submission of DDJ/CWR Case in Chief**  
10 **Final Exhibit Identification Index**

11 to be served **by Electronic Mail** (email) in parts due to server limitations, upon the  
12 parties listed in Table 1 of the **Current Service List** for the California WaterFix Petition  
13 Hearing, dated November 15, 2016, posted by the State Water Resources Control  
14 Board at  
15 [http://www.waterboards.ca.gov/waterrights/water\\_issues/programs/bay\\_delta/california\\_](http://www.waterboards.ca.gov/waterrights/water_issues/programs/bay_delta/california_waterfix/service_list.shtml)  
16 [waterfix/service\\_list.shtml](http://www.waterboards.ca.gov/waterrights/water_issues/programs/bay_delta/california_waterfix/service_list.shtml)

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

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Signature:



Name: Deirdre Des Jardins  
Title: Principal, California Water Research

Party/Affiliation:  
Deirdre Des Jardins

Address:  
145 Beel Dr  
Santa Cruz, California 95060

## Final Exhibit Identification Index

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

Date: Dec 20, 2016

**PARTICIPANT: Deirdre Des Jardins, Principal, California Water Research**

Exhibit Identification Number (e.g. DWR-1)	Exhibit Description	Status of Evidence (for Hearing Team use Only)		
		Introduced	Accepted	By Official Notice
DDJ-1	CVP OCAP June 30, 2004 p. 5-1 to 5-4 highlighted			
DDJ-2	reserved			
DDJ-3	Jan 1 2013 Sacramento River Water Year Forecast			
DDJ-4	SWP Notice 12-11 2013 2013 SWP initial allocation			
DDJ-5	April 1 2013 Sacramento River Water Year Forecast			
DDJ-6	SWP Notice 13-09 2013 Table A Allocation Decrease			
DDJ-7	Dec 1 2013 Sacramento River Water Year Forecast			
DDJ-8	Bay Delta Live -- Salinity in the Delta Jan 28 2014			
DDJ-9	CDEC graphs EC at Clifton Court Forebay and Banks pumping 2013-2014			
DDJ-10	CDEC graphs Oroville storage 2013 and 2016			
DDJ-11	Riebsame, W.E. 1988 ADJUSTING WATER RESOURCES MANAGEMENT TO CLIMATE CHANGE Climatic Change 13: 69-97 p. 81-86 highlighted			
DDJ-12	2004 CalSim II Peer Review Response p. 18-19 highlighted			
DDJ-13	2004 Methodology for Flow and Salinity Annual Report Ch 8			
DDJ-14	2004 Annual Report Ch 8 p. 3-5 DSM2 forecasting highlighted			
DDJ-15	Anderson June 24 2009 Extreme Precipitation Symposium Presentation Future Droughts in a Climate Change World			
DDJ-16	Anderson 2009 Future Droughts p. 19-23 Climate Change highlighted			
DDJ-17	CDEC Water Supply Index History Jan 19 2016 marked			
DDJ-18	Anderson Jan 12 2015 PPIC Presentation Climate Drought and Change			
DDJ-19	Anderson PPIC p. 19-23 21st Century			
DDJ-20	Anderson 2009 Future Droughts p. 15-17 Paleodroughts highlighted			
DDJ-21	CDEC Water Supply Index History Jan 19 2016			
DDJ-22-29	reserved			
DDJ-30	DWR Bulletin 192-82 Delta Levees Investigation from Internet Archive, contributed by University of California			
DDJ-31	Reference to seismic hazard evaluation for Clifton Court Forebay on p. 48 of Bulletin 192-82 highlighted			
DDJ-32	DWR-212 pp. 46-49 seismic analysis highlighted			
DDJ-33	DWR-212 pp. 147-150 Tunnel Safety highlighted			
DDJ-34	DWR-212 pp. 142-143 Tunnel joints highlighted			
DDJ-35	DWR-212 p. 60 Clifton Court Forebay highlighted			
DDJ-36	DWR-212 pp. 105-108 CCF pumps highlighted			
DDJ-38	DECLARATION -- DELTA LEVEES INVESTMENT 1982			
DDJ 39-40	reserved			
DDJ-41	State Water Project 2005 Delivery Reliability Report			
DDJ-42	2005 DRR excerpt p. G-27 PCL comments on CalSim highlighted			

DDJ-43	2005 2005 DRR excerpt p. G-43 to G-44 DWR reply to PCL highlighted			
DDJ-44	Draper and Bourez 2003 CWEMF presentation			
DDJ-45	Draper and Bourez excerpts p. 3-6, 52-54, 18-19 highlighted			
DDJ-46	Draper and Bourez p. 32 DWR recognizes problems			
DDJ-47	CalSim2Updates Nancy Parker CWEMF 2014			
DDJ-48	CalSim2Updates p. 3 CalSim base versions			
DDJ-49	CalSim2Updates p. 10-13 Sac Valley corrections			
DDJ-50	BDCP Draft EIR-EIS technical appendix p. A12-A13 Sac Valley highlighted			
DDJ-51	Peer Review response p. 9 reservoirs			
DDJ-52	SWP Simulation Update Wilbur CWEMF 2005			
DDJ-53	SWP Simulation Update Wilbur CWEMF 2005 highlighted			
DDJ-54	Peer Review response p. 18-20 validation			
DDJ-55	2003 peer review p. 3 not technical			
DDJ-56	2003 peer review p. 8-9 31 validation			
DDJ-57	CalSim A generalized model for reservoir system analysis Journal article			
DDJ-58	8.12.10 SC Presentation SJR Inflow Sensitivity			
DDJ-59	reserved			
DDJ-60	BDCP_ClimateChangeScenarios_Munevar			
DDJ-61	BDCP Climate Change Scenarios p. 9-11, 16-17, 21			
DDJ-62	Flato, Gleckler, et. al. Evaluation of Climate models_Chapter09			
DDJ-63	Flato, Gleckler, et. al. Chapter 9 p. 811 precipitation closeup WNA			
DDJ-64	10_22_09_SC_HO_Climate_Change_Methodology_Presentation.sflb			
DDJ-65-69	reserved			
DDJ-70	2004 Methodology for Flow and Salinity Estimates Annual Report Ch8			
DDJ-71-79	reserved			
DDJ-80	FWS_Dec08_BO_RPAs_OMR_040110_ExistingCondition--spreadsheet (.xls format)			
DDJ-81	FWS_Dec08_BO_RPAs_OMR_040110_ExistingCondition-screenshots			
DDJ-82a	Copy of Trend Report--spreadsheet (.xlsm format)			
DDJ-82b	DWR Spreadsheet Screenshots			
DDJ-83	Copy of Trend Report screenshots			
DDJ-84	Output -- Folsom Storage			
DDJ-85	Output -- Freeport			
DDJ-86	Output -- Delta Outflow			
DDJ-87	Output -- Trinity Releases			
DDJ-88	reserved			
DDJ-89	Howard request 1995 WQ plan modelling			
DDJ-90	reserved			
DDJ-91	CalSim Water Supply Index Comparison Tool Spreadsheet			
DDJ-92	State Water Project WSI-DI Curve from WSI Comparison Tool			
DDJ-93	Chart from Richard Denton's 9.23.15 comments -- Total South Delta Exports			
DDJ-94	Order Denying Petitions for Reconsideration of Decision D 990 1961			
DDJ-95	reserved			
DDJ_96	Water Right Decision 1275 with highlighting			
DDJ-97	Francis Chung's 2010 CWEMF Presentation			
DDJ-98	Decision D 990			
DDJ-99	reserved			
DDJ-100	Deirdre Des Jardins Statement of Qualifications			

DDJ-101	A Strategic Review of CALSIM II and its Use for Water Planning, Management, and Operations in Central California,			
DDJ-102	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 (August 2004)			
DDJ-103	Review Panel Report San Joaquin River Valley CalSim II Model Review			
DDJ-104	Report of the Panel on Analytical Tools for Evaluating Water Supply, Hydrodynamic and Hydropower Effects in the Bay-Delta Plan			
DDJ-105	Instruction 5000.61 on DoD Modeling and Simulation (M&S) Verification, Validation, and Accreditation (VV&A)			
DDJ-106	California Department of Water Resources, 35th Annual Progress Report to the State Water Resources Control Board on Methodology for Flow and Salinity Estimates in the Sacramento-San Joaquin Delta and Suisun Marsh, (2014)			
DDJ-107	National Academy of Sciences Report Chapter 4 Use of Models			
DDJ-108	Testimony of Deirdre Des Jardins			
DDJ-108 errata	Testimony of Deirdre Des Jardins - Revised 10/17/2016*			
DDJ-108 errata 12-9	Testimony of Deirdre Des Jardins - Errata - minor changes, mostly as submitted on 10/17, but in strikeout/underline			
DDJ-109	Musings on a Model: CalSim II in California's Water Community, Ines C. Ferreira et. al.			
DDJ-110	CA Dept of Water CISCO			
DDJ-111	reserved			
DDJ-112	Exhibit DWR-324, with Title 23, subsection 794(a)(6) highlighted			
DDJ-113-114	reserved			
DDJ-115	Map of Freeport Regional Water Project			
DDJ-116	CalFed Record of Decision			
DDJ-117	CalFed Record of Decision, p. 17 Levees			
DDJ-118-120	reserved			
DDJ-121	CalSim Strategic review excerpt p. 31 validation			
DDJ-122	xc-gates CalSim NAA wresl code			
DDJ-123	San Francisco Estuary News March 14, 2016			
DDJ-124	Okamoto, Scrutinizing the Delta Cross Channel, Bay-Delta Science Program, June 2004			
DDJ-125	Clifton Court Ops			
DDJ-126	LR statement of Use EWRIMs			
DDJ-127	LR statement of Use 2 EWRIMs			
DDJ-128	Islands Inc Statement of Use EWRIMs			
DDJ-129	(Cal. St. Water Res. Control Bd. Feb 4, 2015) Order WR 2015-0002-DWR			
DDJ-130	reserved			
DDJ-131	Drought Pushes Endangered Salmon to the Brink, <u>Veronique Dupont, Phys. Org. October 31, 2015</u>			
DDJ-132	reserved			
DDJ-133	Delta Caucus comments on WaterFix, October 30, 2015			
DDJ-134	California Precipitation Map			
DDJ-135	Fall 1999 Interagency Ecological Program Newsletter			
DDJ-136	Lehman et. al., The influence of environmental conditions on the seasonal variation of Microcystis cell density and microcystins concentration in San Francisco Estuary, Hydrobiologica (2008)			
DDJ-137	CDEC sensor 10993, Delta Cross Channel, tidal flow			
DDJ-138	USGS sensor 11336600, Delta Cross Channel, tidally filtered flow			
DDJ-139	Partial Hearing Transcript, August 9, 2016, p. 108, highlighted			

DDJ-140

University of California Cooperative Extension, Stanislaus County,  
Estimating Leaching Fraction Requirements

