Jimmy L. Gutierrez (SBN 59448)
JIMMY L. GUTIERREZ LAW CORPORATION
12616 Central Avenue
Chino, California 91710
Telephone: (909) 591-6336

Attorney for the City of Chino

FEE EXEMPT PER GOV. CODE § 6103

SUPERIOR COURT OF THE STATE OF CALIFORNIA

FOR THE COUNTY OF SAN BERNARDINO

CHINO BASIN MUNICIPAL WATER DISTRICT,

Plaintiff,

v.

CITY OF CHINO, et al.,

Defendants.

CASE NUMBER: RCV 51010
[Assigned for All Purposes to Honorable Stanford E. Reichert, Dept. S35]

DECLARATION OF ERIC FORDHAM IN SUPPORT OF CITY OF CHINO'S OPPOSITION TO CHINO BASIN WATERMASTER'S MOTION REGARDING 2020 SAFE YIELD RESET, AMENDMENT OF RESTATED JUDGMENT, PARAGRAPH 6

Date: June 26, 2020
Time: 1:30 p.m.
Dept.: S35

[Filed concurrently herewith: Opposition to Motion Regarding 2020 Safe Yield Reset; Declaration of David Crosley]

(FEE- EXEMPT PER GOVERNMENT CODE § 6103)

DECLARATION OF ERIC FORDHAM

I, Eric Fordham, declare as follows:

1. I currently am the president of GeoPentech, Inc., a geoscience and geotechnical consulting firm. I am a California registered geologist with specialty certifications in the State for engineering geology and hydrogeology. The focus of my career over the past 36 years has been in the practice of hydrogeology. I have personal knowledge of the facts stated in this declaration, except where stated on information and belief, and if called as a witness, I could and would competently testify to them under oath. I make this declaration in support of Chino's opposition to the Chino Basin Watermaster Motion Regarding 2020 Safe Yield Reset.

2. I have been providing Chino hydrogeology consulting services for approximately 18 years, beginning with working with Watermaster on land subsidence issues in the City of Chino as Chino's technical expert on Watermaster's Ground Level Monitoring Committee. Over the past 18 years, utilizing my expertise in hydrogeology and knowledge of the Chino Basin, I have also provided Chino with other groundwater related services including groundwater well design and development, impact of deteriorated water quality on Chino's groundwater wells and well production, and most recently Watermaster's estimation of the Basin Safe Yield.

3. As Chino's hydrogeology consulting expert, I participated in stakeholder workshops pertaining to the 2020 Safe Yield Reset held on July 23, 2019 and January 27, 2020 with presentations by Watermaster's Engineer, Wildermuth Environmental, Inc. (WEI). The July 23, 2019 stakeholder workshop presented the approach for complying with the Court's 2017 Order and evaluating the Safe Yield of the Basin for the time period from July 1, 2020 to June 30, 2030. At the July 23, 2019 workshop we heard information on the planned update for the Chino Valley Model (CVM) and the timeline and process that would be employed to calibrate the model and prepare the Safe Yield Report. Most of the workshop was spent describing the approach that would be used to update the model modules that

comprise the CVM with the various assigned hydrologic parameters.

4. Model calibration employs a method where all the hydrologic parameters assigned in the model are adjusted to minimize the difference between the model calculated solution and measured data. The better the solution matches the measured data, the better the calibration. However, the solution is not unique and there is a range over which each of the adjustable parameters can vary, which leads to uncertainty in the parameters assigned in the model and the resulting model outputs. The evaluation of model parameter uncertainty provides a means for assessing the reliability of the model's predictions and a possible range of outcomes. As an example, in a basic groundwater flow model where aquifer hydraulic conductivity is an adjustable parameter assigned in the model and the model predicted groundwater recharge to match (i.e. calibrate) a measured groundwater level, as the hydraulic conductivity was increased by the modeler (i.e. person assigning the parameter) the model would proportionately increase the amount of recharge necessary to maintain the calibration with the measured groundwater level. Conversely, if the hydraulic conductivity were decreased, the recharge would decrease. If one were evaluating net recharge in this example, the possible range in hydraulic conductivity derived from field testing or empirical methods that were assigned to the model would control the resulting range in recharge calculated by the model; a single solution for recharge in this case would be misleading. The concept presented in this example pertains to the parameters assigned in the CVM. During discussions at the July 23, 2019 workshop, questions were raised by stakeholders, including myself, as to the limitations, use and uncertainty of inferred hydrologic and measured data used in the updated CVM. The questions posed during this workshop are provided in Exhibit B, Wildermuth Declaration, 2020 Safe Yield Recalculation Final Report dated May 15, 2020 Appendix F-1 (the WEI Report).

5. Following calibration of the CVM, WEI conducted a second workshop on January 27, 2020 to discuss the model calibration and the planning scenario that would be used for the Safe Yield Reset. At this workshop WEI presented information describing the hydrology and cultural conditions that would be used in the analysis. The planning scenario

evaluated using the CVM was identified as SYR1, which was based on the best understanding of water demands, supply, hydrology and cultural conditions. These data were provided as inputs to the model, which was then used to derive a net recharge for the Safe Yield Reset. Comments and questions that were raised by stakeholders, including myself during and subsequent to the January 27, 2020 workshop included application of groundwater recharge data that were either estimated or derived for model input, model calibration and the reliability and uncertainty of those data. Questions were also raised by Mr. Thomas Harder, technical expert for the Appropriative Pool, during the workshop as to the need to run multiple pumping scenarios to better inform the Parties on how best to optimize the Basin's Safe Yield. The questions captured during this workshop are in the Safe Yield Report Appendix F-2.

6. Subsequently, Watermaster released the 2020 Safe Yield Recalculation Final Report dated April 2, 2020, which I reviewed and provided comments to the City of Chino. My comments along with comments by the Chino's Water and Environmental Manager, Mr. Dave Crosley were provided to the Appropriative Pool and their hydrogeology expert Mr. Harder. Mr. Harder prepared a technical memorandum dated April 23, 2020 that included Chino's comments along with his own and others from the Appropriative Pool for submission to Watermaster (Kavounas Declaration, Exhibit C). Chino's comments focused on concerns pertaining to the use and application of model input parameters such as hydrologic properties including rainfall, the model calibration process, and the desire for modeling multiple scenarios.

7. Based on my background in hydrogeology, understanding of the Chino Basin and approach used to develop the 2020 Safe Yield reset value, it is my opinion that the use of the Chino Valley Model (CVM) described in 2020 Safe Yield Recalculation Final Report did not comply with the April 28, 2017 Court-approved methodology for calculating Safe Yield for the Chino Basin (identified as the 2015 Safe Yield Reset Agreement [SYRA]). Specifically, the Court orders in paragraph 4.4 on page 16 that "*The reset will rely upon long-term hydrology and will include data from 1921 to the date of the reset evaluation.*" The

Safe Yield Reset evaluation did not rely explicitly on the historical precipitation record from 1921 to the date the reset evaluation was initiated in 2019, as ordered. The evaluation utilized a subset of the historical precipitation record from 1950 to 2011 that apparently biased the results towards a lower net recharge amount. In addition, the development of the CVM for recalculating the 2020 Safe Yield did not include other generally accepted modeling practices such as incorporating an analysis of parameter uncertainty and evaluating a reasonable range of possible future water demand scenarios, although these items were requested during workshops and in Stakeholder-submitted written comments (Safe Yield Report, Appendix F). Both additional practices are consistent with the goal of maximizing the beneficial use of the waters of the Chino Basin as stated in paragraph 4.4 on pages 16 and 17 of the order, as they are considered accepted hydrologic science and best management practice.

Use of Long-Term Historical Precipitation Record

8. The use of long-term historical precipitation from 1921 to the date of the reset evaluation, which was initiated in 2019, is intended to average the influence of short-term climatic variations such as wet or dry periods (SYRA, paragraph 4.4). Use of the long-term average precipitation is then used in combination with current and projected future land uses and cultural conditions to estimate the future net groundwater recharge to the Chino Basin.

9. Watermaster's Engineer, WEI, without evident Court permission, however, used the precipitation record from 1950 to 2011 as a proxy for the Court-ordered time period for future model projections (Safe Yield Report, Section 7.2). In the Report WEI indicates that the precipitation from 1950 to 2011 was used to estimate future net recharge and Safe Yield as the average for this period is equal to the available long-term historical precipitation record from 1895 to 2018. Use of the historical precipitation record from 1921 to the date of the reset evaluation should be used as indicated in the Court-order to estimate future net recharge.

10. While the average of annual rainfall for the available long-term (1895 to 2018) and proxy (1950 to 2011) time periods are nearly the same, inspection of the Annual Precipitation Time History chart in the Safe Yield Report (Figure 3-13) indicates that

between 1950 and 2011 climatic conditions were not representative of the conditions prior to that time. For example, the annual rainfall during the first 29 years of the Court-ordered historical time period, 1921 to 1950, was generally moderate, lacking periods that were extremely wet or dry. During this early time period, presumably the majority of rainfall occurred during the winter months and would result in increased deep infiltration of precipitation and applied water (DIPAW) due to continuous wetting of soil in the root zone. DIPAW comprises the majority of the Chino Basin's net groundwater recharge.

11. The annual rainfall from 1950 to 2011 was more extreme with fewer wet periods that were wetter, and longer dry periods that were drier. The longer dry periods would likely limit DIPAW from interspersed rainfall as soil in the root zone would need to rewet prior to deep infiltration occurring. Therefore, use of the 1950 to 2011 precipitation record to calculate DIPAW in model projections excludes more moderate climatic conditions and would presumably bias the result with less groundwater recharge compared to the Court-ordered historical precipitation record. Further review and analyses of the rainfall variations of daily, monthly and annual measurements in the historical data sets is warranted to better understand the influence the data would have on DIPAW and net recharge. Details on the precipitation data used for estimating future DIPAW and net recharge, such as daily precipitation have not been provided by Watermaster's Engineer for Stakeholder review.

Uncertainty of Model Parameters

12. The 2020 Safe Yield Reset relies on a groundwater model that is composed of numerous hydrologic parameters. The available literature that has been written on models commonly indicate that models are simplified representations of a physical system and there are inherent uncertainties in the parameters used to describe the system that lead to a model that may or may not provide reasonable predictions (e.g. Oreskes et al. 1994[i], Poeter 2007[ii], Doherty et al 2010[iii] and Rubin 2003[iv]). This is also the case with the CVM. A good model is generally one that accounts for the uncertainty associated with its predictions and improves its performance as more data become available. An uncertainty analysis has not been completed for the CVM.

13. As pointed out by Mr. Harder in his April 23, 2020 Technical Review of the Models and Methodology used as the basis for the 2020 Safe Yield Reset, there are numerous assumed or estimated parameters in the CVM. While the model parameters when adjusted and taken together are considered well calibrated in that the model results adequately fit measured data, such as groundwater levels, the solution is not unique. An infinite number of equally well calibrated set of model parameters may exist. However, each set of calibrated parameters that make up the model will likely result in different predicted outcomes. As an example, the 2013 Chino Basin Groundwater Model was well calibrated as is the 2020 CVM, however both models estimate different amounts of DIPAW for the period of 2019 and 2020 (see Tables 1 of Mr. Harder's Technical Review). For this reason, Watermaster's Engineer should complete an analysis of the uncertainty of the CVM model parameters to derive a range of model estimated net recharge that could be used more effectively for decision making purposes by the Parties. This type of analysis is currently a standard of practice in hydrologic science for groundwater modeling.

Multiple Future Water-Demand Scenarios

14. The Safe Yield recalculation should be based not only on the best estimate of how the basin will be managed, which includes the currently envisioned projection of future pumping as provided by the Parties, but also a likely range of future pumping that the Parties could implement. It has been shown in past Watermaster Engineer's reports, such as the 2013 Chino Basin Groundwater Model Update and Recalculation of Safe Yield Pursuant to the Peace Agreement report that using multiple Planning Scenarios are useful in assessing Basin response to different planned groundwater production. Based on a range of possible pumping scenarios, Watermaster's Engineer could conduct an optimization investigation using the CVM to inform the Parties on how best to optimize net recharge and the Safe Yield of the basin through managing pumping, recharge, and storage.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Dated this 12th day of June 2020, at Lakewood, California.

By: Eric Fordham
Eric Fordham

---

[i] Oreskes, N., K. Schrader-Frechette and K. Belitz, 1994, Verification, validation and confirmation of numerical models in the Earth Sciences. Science, vol 263, February 4, pp.641-646.

[ii] Poeter, E., 2007, All models are wrong: How do we know which are useful? – Looking back at the 2006 Darcy Lecture Tour. Ground Water, vol. 45, issue 4, pp. 390-391.

[iii] Doherty, J. and D. Welter, 2010, A short exploration of structural noise. Water Resources Research, 46.

[iv] Rubin, Y., 2003, Applied Stochastic Hydrogeology. Oxford and New York, Oxford University Press, 391 pp.

CHINO BASIN WATERMASTER
Case No. RCVRS 51010
Chino Basin Municipal Water District v. City of Chino, et al.

PROOF OF SERVICE

I declare that:

I am employed in the County of San Bernardino, California. I am over the age of 18 years and not a party to the within action. My business address is Chino Basin Watermaster, 9641 San Bernardino Road, Rancho Cucamonga, California 91730; telephone (909) 484-3888.

On June 15, 2020 I served the following:

1. DECLARATION OF ERIC FORDHAM IN SUPPORT OF CITY OF CHINO'S OPPOSITION TO CHINO BASIN WATERMASTER'S MOTION REGARDING 2020 SAFE YIELD RESET, AMENDMENT OF RESTATED JUDGMENT, PARAGRAPH 6

/ X / BY MAIL: in said cause, by placing a true copy thereof enclosed with postage thereon fully prepaid, for delivery by United States Postal Service mail at Rancho Cucamonga, California, addresses as follows:
See attached service list: Mailing List 1

/___/ BY PERSONAL SERVICE: I caused such envelope to be delivered by hand to the addressee.

/___/ BY FACSIMILE: I transmitted said document by fax transmission from (909) 484-3890 to the fax number(s) indicated. The transmission was reported as complete on the transmission report, which was properly issued by the transmitting fax machine.

/ X / BY ELECTRONIC MAIL: I transmitted notice of availability of electronic documents by electronic transmission to the email address indicated. The transmission was reported as complete on the transmission report, which was properly issued by the transmitting electronic mail device.

I declare under penalty of perjury under the laws of the State of California that the above is true and correct.

Executed on June 15, 2020 in Rancho Cucamonga, California.

By: Janine Wilson
Chino Basin Watermaster

BRIAN GEYE
CA SPEEDWAY CORPORATION
9300 CHERRY AVE
FONTANA, CA 92335

BOB KUHN
THREE VALLEYS MWD
669 HUNTERS TRAIL
GLENDORA, CA 91740

ROBERT BOWCOCK
INTEGRATED RESOURCES MGMNT
405 N. INDIAN HILL BLVD
CLAREMONT, CA 91711

STEVE ELIE
IEUA
17017 ESTORIL STREET
CHINO HILLS, CA 91709

JEFF PIERSON
INTEX PROPERTIES CORP.
PO BOX 1440
LONG BEACH, CA 90801-1440

PAUL HOFER
CBWM BOARD MEMBER
11248 S TURNER AVE
ONTARIO, CA 91761

DON GALLEANO
WMWD
4220 WINEVILLE ROAD
MIRA LOMA, CA 91752

ALLEN HUBSCH
LOEB & LOEB LLP
10100 SANTA MONICA BLVD.
SUITE 2200
LOS ANGELES, CA 90067

BOB FEENSTRA
2720 SPRINGFIELD ST,
ORANGE, CA 92867

Members:

Agnes Cheng	agnes.cheng@cc.sbcounty.gov
Al Lopez	alopez@wmwd.com
Alan Frost	Alan.Frost@dpw.sbcounty.gov
Alberto Mendoza	Alberto.Mendoza@cmc.com
Alfonso Ruiz	alfonso.ruiz@cmc.com
Allen W. Hubsch	ahubsch@loeb.com
Alonso Jurado	ajurado@cbwm.org
Amanda Coker	acoker@cityofchino.org
Amer Jakher	AJakher@cityofchino.org
Amy Bonczewski	ABonczewski@ontarioca.gov
Andrea Olivas	aolivas@jcsd.us
Andrew Gagen	agagen@kidmanlaw.com
Andrew Silva	Andrew.Silva@cao.sbcounty.gov
Andy Campbell	acampbell@ieua.org
Andy Malone	amalone@weiwater.com
Angelica Todd	angelica.todd@ge.com
Anna Nelson	atruongnelson@cbwm.org
April Robitaille	arobitaille@bhfs.com
April Woodruff	awoodruff@ieua.org
Arnold Rodriguez	jarodriguez@sarwc.com
Art Bennett	citycouncil@chinohills.org
Arthur Kidman	akidman@kidmanlaw.com
Ashok Dhingra	ash@akdconsulting.com
Ben Lewis	benjamin.lewis@gswater.com
Ben Peralta	bperalta@tvmwd.com
Benjamin M. Weink (ben.weink@tetratech.com)	ben.weink@tetratech.com
Betty Anderson	banderson@jcsd.us
Bob Bowcock	bbowcock@irmwater.com
Bob DiPrimio	rjdiprimio@sgvwater.com
Bob Feenstra	bobfeenstra@gmail.com
Bob Kuhn	bgkuhn@aol.com
Bob Kuhn	bkuhn@tvmwd.com
Bob Page	Bob.Page@rov.sbcounty.gov
Brad Herrema	bherrema@bhfs.com
Braden Yu	bradeny@cvwdwater.com
Brandon Howard	brahoward@niagarawater.com
Brenda Fowler	balee@fontanawater.com
Brent Yamasaki	byamasaki@mwdh2o.com
Brian Dickinson	bdickinson65@gmail.com
Brian Geye	bgeye@autoclubspeedway.com
Brian Lee	blee@sawaterco.com
Cameron Andreasen	memphisbelle38@outlook.com
Carmen Sierra	carmens@cvwdwater.com
Carol Bennett	cbennett@tkeengineering.com
Carol Boyd	Carol.Boyd@doj.ca.gov
Carolina Sanchez	csanchez@weiwater.com
Casey Costa	ccosta@chinodesalter.org
Cassandra Hooks	chooks@niagarawater.com
Catharine Irvine	cirvine@DowneyBrand.com
Chad Blais	cblais@ci.norco.ca.us

Charles Field	cdfield@att.net
Charles Linder	Charles.Linder@nrgenergy.com
Charles Moorrees	cmoorrees@sawaterco.com
Chino Hills City Council (citycouncil@chinohills.org)	
	citycouncil@chinohills.org
Chris Berch	cberch@jcsd.us
Chris Diggs	Chris_Diggs@ci.pomona.ca.us
Christiana Daisy	cdaisy@ieua.org
Christofer Coppinger	ccoppinger@geoscience-water.com
Christopher M. Sanders	cms@eslawfirm.com
Christopher Quach	cquach@ontarioca.gov
Christopher R. Guillen	cguillen@bhfs.com
Chuck Hays	chays@fontana.org
Cindy Cisneros	cindyc@cvwdwater.com
Cindy Li	Cindy.li@waterboards.ca.gov
Cinthia Heredia	Cinthia.Heredia@cmc.com
Clarence Mansell	cmansell@wvwd.org
Courtney Jones	cjjones@ontarioca.gov
Craig Miller	CMiller@wmwd.com
Craig Stewart	craig.stewart@woodplc.com
Cris Fealy	cifealy@fontanawater.com
Dan Arrighi	darrighi@sgvwater.com
Dan McKinney	dmckinney@douglascountylaw.com
Daniel Bobadilla (dbobadilla@chinohills.org)	
	dbobadilla@chinohills.org
Dave Argo	daveargo46@icloud.com
Dave Crosley	DCrosley@cityofchino.org
David Aladjem	daladjem@downeybrand.com
David De Jesus	ddejesus@tvmwd.com
David Doublet	ddoublet@dpw.sbcounty.gov
David Huynh	dhuynh@cbwm.org
David Penrice	dpenrice@acmwater.com
Dennis Dooley	ddooley@angelica.com
Dennis Mejia	dmejia@ontarioca.gov
Dennis Williams	dwilliams@geoscience-water.com
Diana Frederick	diana.frederick@cdcr.ca.gov
Don Galleano	dongalleano@icloud.com
Ed Means	edmeans@roadrunner.com
Edgar Tellez Foster	etellezfoster@cbwm.org
Eduardo Espinoza	EduardoE@cvwdwater.com
Edward Kolodziej	edward.kolodziej@ge.com
Elizabeth Skrzat	ESkrzat@cbwcd.org
Eric Fordham	eric_fordham@geopentech.com
Eric Garner	eric.garner@bbklaw.com
Eric Grubb	ericg@cvwdwater.com
Eric Papathakis	Eric.Papathakis@cdcr.ca.gov
Eric Tarango	edtarango@fontanawater.com
Erika Clement	Erika.clement@sce.com
Eunice Ulloa	eulloa@cityofchino.org
Evette Ounanian	EvetteO@cvwdwater.com
Felix Hamilton	felixhamilton.chino@yahoo.com
Frank Brommenschenkel	frank.brommen@verizon.net
Frank Yoo	FrankY@cbwm.org

Fred Fudacz	ffudacz@nossaman.com
Fred Galante	fgalante@awattorneys.com
Gabby Garcia	ggarcia@mvwd.org
Gailyn Watson	gwatson@airports.sbcounty.gov
Garrett Rapp	grapp@weiwater.com
Gene Tanaka	Gene.Tanaka@bbklaw.com
Geoffrey Kamansky	gkamansky@niagarawater.com
Geoffrey Vanden Heuvel	geoffreyvh60@gmail.com
Gerald Yahr	yahrj@koll.com
Gina Nicholls	gnicholls@nossaman.com
Gino L. Filippi	Ginoffvine@aol.com
Greg Woodside	gwoodside@ocwd.com
Henry DeHaan	Hdehaan1950@gmail.com
Hope Smythe	hsmythe@waterboards.ca.gov
Irene Islas	irene.islas@bbklaw.com
James Curatalo	jamesc@cvwdwater.com
James Jenkins	cnomgr@airports.sbcounty.gov
James McKenzie	jmckenzie@dpw.sbcounty.gov
Jane Anderson	janderson@jcsd.us
Janelle Granger	jgranger@niagarawater.com
Janine Wilson	JWilson@cbwm.org
Jasmin A. Hall	jhall@ieua.org
Jason L. Bishop	jason.bishop@cdcr.ca.gov
Jason Marseilles	jmarseilles@ieua.org
Jason Pivovaroff - Western Municipal Water District	JPivovaroff@wmwd.com
Jean Cihigoyenetche	Jean@thejclawfirm.com
Jean Perry	JPerry@wmwd.com
Jeanina M. Romero	jromero@ontarioca.gov
Jeff Evers	jevers@niagarawater.com
Jeffrey L. Pierson	jpierson@intexcorp.com
Jennifer Hy-Luk	jhyluk@ieua.org
Jessie Ruedas	Jessie@thejclawfirm.com
Jim Markman	jmarkman@rwglaw.com
Jim W. Bowman	jbowman@ontarioca.gov
Jimmy Gutierrez - Law Offices of Jimmy Gutierrez	jimmylaredo@gmail.com
Jimmy Medrano	Jaime.medrano2@cdcr.ca.gov
jimmy@city-attorney.com	jimmy@city-attorney.com
Joanne Chan	jchan@wvwd.org
Joao Feitoza	joao.feitoza@cmc.com
Joe Graziano	jgraz4077@aol.com
Joe Joswiak	JJoswiak@cbwm.org
Joel Ignacio	jignacio@ieua.org
John Abusham	john.abusham@nrg.com
John Bosler	johnb@cvwdwater.com
John Harper	jrharper@harperburns.com
John Huitsing	johnhuitsing@gmail.com
John Lopez and Nathan Cole	customerservice@sarwc.com
John Mendoza	jmendoza@tvmwd.com
John Partridge	jpartridge@angelica.com
John Schatz	jschatz13@cox.net
John Thornton	JThorntonPE@H2OExpert.net

Jose Galindo	jose_a_galindo@praxair.com
Josh Swift	jmswift@fontanawater.com
Joshua Aguilar	jaguilar@ieua.org
Julie Saba	jsaba@jcsd.us
Justin Brokaw	jbrokaw@marygoldmutualwater.com
Justin Nakano	JNakano@cbwm.org
Justin Scott-Coe Ph. D.	jscottcoe@mvwd.org
Karen Johnson	kejwater@aol.com
Kathleen Brundage	kathleen.brundage@californiasteel.com
kberchtold@gmail.com	kberchtold@gmail.com
Keith Kramer	kkramer@fontana.org
Keith Person	keith.person@waterboards.ca.gov
Kelly Berry	KBerry@sawpa.org
Ken Waring	kwaring@jcsd.us
Kevin O'Toole	kotoole@ocwd.com
Kevin Sage	Ksage@IRMwater.com
Kimberly E. Leefatt	kleefatt@bhfs.com
Kyle Snay	kylesnay@gswater.com
Larry Cain	larry.cain@cdcr.ca.gov
Larry Rothman	lawrence.rothman@cmc.com
Laura Mantilla	lmantilla@ieua.org
Lauren Harold	lharold@liprop.com
Linda Jadeski	ljadeski@wvwd.org
Lisa Lemoine	LLemoine@wmwd.com
Liz Hurst	ehurst@ieua.org
Marco Tule	marco.tule@nrg.com
Maria Mendoza-Tellez	MMendoza@weiwater.com
Maribel Sosa	msosa@ci.pomona.ca.us
Marilyn Levin	marilyn.levin@doj.ca.gov
Mark D. Hensley	mhensley@hensleylawgroup.com
Mark Wildermuth	mwildermuth@weiwater.com
Mark Wiley	mwiley@chinohills.org
Martin Cihigoyenetche	marty@thejclawfirm.com
Martin Rauch	martin@rauchcc.com
Martin Zvirbulis	mezvirbulis@sgvwater.com
Mathew C. Ballantyne	mballantyne@cityofchino.org
Matthew H. Litchfield	mlitchfield@tvmwd.com
May Atencio	matencio@fontana.org
Melissa L. Walker	mwalker@dpw.sbcounty.gov
Michael Adler	michael.adler@mcmcnet.net
Michael Camacho	MCamacho@pacificaservices.com
Michael Camacho	mcamacho@ieua.org
Michael P. Thornton	mthornton@tkeengineering.com
Michelle Licea	mlicea@mvwd.org
Michelle Staples - Jackson Tidus	mstaples@jacksontidus.law
Mike Blazevic	mblazevic@weiwater.com
Mike Maestas	mikem@cvwdwater.com
Moore, Toby	TobyMoore@gswater.com
MWDProgram	MWDProgram@sdcwa.org
Nadia Aguirre	naguirre@tvmwd.com
Nadia Loukeh	nloukeh@wvwd.org
Natalie Costaglio	natalie.costaglio@mcmcnet.net
Nathan deBoom	n8deboom@gmail.com

Neetu Gupta	ngupta@ieua.org
Nick Jacobs	njacobs@somachlaw.com
Nicole Escalante	NEscalante@ontarioca.gov
Noah Golden-Krasner	Noah.goldenkrasner@doj.ca.gov
Pam Wilson - Brownstein Hyatt Farber Schreck	pwilson@bhfs.com
Paul Hofer	farmwatchtoo@aol.com
Paul Hofer	farmerhofer@aol.com
Paul S. Leon	pleon@ontarioca.gov
Paul.deutsch@tetratech.com	Paul.deutsch@tetratech.com
Penny Alexander-Kelley	Palexander-kelley@cc.sbcounty.gov
Pete Hall	pete.hall@cdcr.ca.gov
Pete Hall	rpetehall@gmail.com
Pete Vicario	PVicario@cityofchino.org
Peter Hettinga	peterhettinga@yahoo.com
Peter Kavounas	PKavounas@cbwm.org
Peter Rogers	progers@chinohills.org
Praseetha Krishnan	praseethak@cvwdwater.com
Rachel Avila	R.Avila@MPGLAW.com
Rachel Ortiz	rortiz@nossaman.com
Ramsey Haddad	ramsey.haddad@californiasteel.com
Randy Visser	RVisser@sheppardmullin.com
Ray Wilkings	rwilkings@autoclubspeedway.com
Rick Darnell	Richard.Darnell@nrgenergy.com
Rick Rees	richard.rees@woodplc.com
Rita Pro	rpro@cityofchino.org
Robert C. Hawkins	RHawkins@earthlink.net
Robert DeLoach	robertadeloach1@gmail.com
Robert E. Donlan	red@eslawfirm.com
Robert Neufeld	robneu1@yahoo.com
Robert Stockton	bstockton@wmwd.com
Robert Wagner	rwagner@wbecorp.com
Robert_DeLoach@ci.pomona.ca.us	Robert_DeLoach@ci.pomona.ca.us
Ron Craig	Rcraig21@icloud.com
Ron LaBrucherie, Jr.	ronLaBrucherie@gmail.com
Ronald C. Pietersma	rcpietersma@aol.com
Rosemary Hoerning	rhoerning@ci.upland.ca.us
Ryan Shaw	RShaw@wmwd.com
Sally H. Lee	shlee@ieua.org
Sam I. Gershon	sam.gershon@webbassociates.com
Sam Nelson	snelson@ci.norco.ca.us
Sam Rubenstein (srubenstein@wpcarey.com)	srubenstein@wpcarey.com
Sandra S. Rose	directorrose@mvwd.org
Sarah Foley	Sarah.Foley@bbklaw.com
Sarah Schneider	sarah.schneider@amec.com
Scott Burton	sburton@ontarioca.gov
Scott Slater	sslater@bhfs.com
sdeshmukh@ieua.org	sdeshmukh@ieua.org
Seth J. Zielke	sjzielke@fontanawater.com
Shaun Stone	stones@emwd.org
Shawnda M. Grady	sgrady@eslawfirm.com
Skylar Stephens	SStephens@sdcwa.org

Sonya Barber	sbarber@ci.upland.ca.us
Sonya Zite (szite@wmwd.com)	szite@wmwd.com
Steve Kennedy	skennedy@bmklawplc.com
Steve M. Anderson	steve.anderson@bbklaw.com
Steve Riboli	steve.riboli@sanantoniowinery.com
Steve Smith	ssmith@ieua.org
Steve W. Ledbetter, PE	sledbetter@tkeengineering.com
Steven Andrews Engineering	sandrews@sandrewsengineering.com
Steven J. Elie	s.elie@mpglaw.com
Steven J. Elie	selie@ieua.org
Steven Popelar	spopelar@jcsd.us
Susan Palmer	spalmer@kidmanlaw.com
Sylvie Lee	slee@ieua.org
Tamer Ahmed	tamer.ahmed@cdcr.ca.gov
Taya Victorino	tayav@cvwdwater.com
Teri Layton	tlayton@sawaterco.com
Terry Bettencourt	miles.bettencourt@cdcr.ca.gov
Terry Catlin	tlcatlin@wfajpa.org
Tim Barr	tbarr@wmwd.com
Tim Kellett	tkellett@tvmwd.com
Timothy Ryan	tjryan@sgvwater.com
Toby Moore (TobyMoore@gswater.com)	TobyMoore@gswater.com
Todd Minten	tminten@chinodesalter.org
Tom Bunn	TomBunn@Lagerlof.com
Tom Cruikshank - Link Industrial Properties	tcruikshank@liprop.com
Tom Harder	tharder@thomashardercompany.com
Tom Haughey	Thaughey@cityofchino.org
Tom McPeters	THMcP@aol.com
Tom O'Neill	toneill@chinodesalter.org
Toni Medell	mmedel@mbakerintl.com
Tony Long	tlong@angelica.com
Tracy J. Egoscue	tracy@egoscuelaw.com
Trish Geren	tgeren@sheppardmullin.com
Van Jew	vjew@mvwd.org
Vanessa Aldaz	valdaz@cbwm.org
Vanessa Campos	VCampos@ontarioca.gov
Veva Weamer	vweamer@weiwater.com
Victor Preciado	Victor_Preciado@ci.pomona.ca.us
Vivian Castro	vcastro@cityofchino.org
WestWater Research, LLC	research@waterexchange.com
William J Brunick	bbrunick@bmblawoffice.com
William Urena	wurena@angelica.com