
State Water Resources Control Board

November 10, 2022

Administrative Hearings Office's Public Hearing in Court Reference to State Water Board in *City of Marina v. RMC Lonestar*, Monterey County Superior Court No. 20CV001387: Hearing Officer's Order Directing California-American Water Company to Provide Modeling Information and Files

Introduction

This order directs the California-American Water Company ("Cal-Am") to provide the Administrative Hearings Office ("AHO") with information and files regarding the groundwater modeling described by Cal-Am witnesses Peter Leffler, Timothy Durbin and Johnson Yeh in their oral and written testimony presented during the October 26-28, 2022 hearings in this proceeding.

Background

On May 6, 2022, the State Water Board's Administrative Hearings Office ("AHO") issued its Notice of Public Hearing and Pre-Hearing Conference in this proceeding. The purpose of this proceeding, background, hearing issues and related information are discussed in that notice and are not repeated here. Except as expressly stated in this order, that notice and all subsequent AHO notices and orders remain in effect.

Order

I direct Cal-Am to produce the following information and files regarding this proceeding. Cal-Am shall provide the information listed in paragraphs 1, 3 and 4 below by uploading them to Cal-Am's AHO-FTP upload folder for this proceeding on or before **November 17, 2022, at 1:00 pm**. After Cal-Am completes these uploads, AHO staff will move the uploaded files to the Hearing Documents folder for this proceeding and advise the parties.

Cal-Am shall provide the files listed in paragraph 2 below on an external hard drive. Before the deadline specified in the preceding paragraph, Cal-Am shall advise the AHO by e-mail, with cc's to everyone on the service list for this proceeding, when Cal-Am has this external hard drive ready for delivery and whom AHO staff should contact to make arrangements for this delivery. AHO staff then will contact that person to make the delivery arrangements.

E. JOAQUIN ESQUIVEL, CHAIR | EILEEN SOBECK, EXECUTIVE DIRECTOR

1. The AHO technical team understands that Cal-Am's consultants used MODFLOW-NWT to run the North Marina Groundwater Model ("NMGWM"). Please advise the AHO what geographic interface (for example Groundwater Vistas, Groundwater Model Systems ("GMS"), etc.) Cal-Am's consultants used to create the NMGWM²⁰²² model.
2. Please provide to the AHO copies of groundwater modeling files (inputs and outputs) for all Cal-Am consultants' model runs that were used for the written or oral testimony of any Cal-Am witness, for the following models and model runs:
 - a. Salinas Valley Integrated Groundwater and Surface Water Model (SVIGSM) updated model (Durbin, 2018); and
 - b. (NMGWM) NMGWM²⁰²² model (Hydrogeologic Working Group):
 - i. recalibrated model run for October 1979-September 2019 (MODFLOW); and
 - ii. six predictive model runs (MODFLOW, MODPATH)
3. For each of these models, please provide the following:
 - a. a table of the hydraulic conductivity parameters for the model and a map that shows the locations of modeled hydraulic conductivity within each layer; and
 - b. a table of the modeled recharge parameters for the model and a map that shows the locations of the modeled recharge within each layer (where applicable).
4. For the most recent calibrated NMGWM, please provide the following:
 - a. a table listing, separately for each monitoring well: (i) the Well ID, (ii) the name of the aquifer or names of the aquifers in which the monitoring well is screened, and (iii) the model layer number or numbers in which the monitoring well is screened; and
 - b. a table listing, separately for each modeled pumping well (proposed Cal-Am slant wells, MCWD production wells, urban wells, agricultural wells, etc.): (i) the Well ID, (ii) the well classification (Cal-AM pumping well, urban well, agricultural well, MCWD pumping well, etc.), (iii) name of aquifer or names of aquifers in which the well is screened, and (iv) the model layer number or numbers in which the well is screened.

Nov. 10, 2022

/s/ ALAN B. LILLY

Alan B. Lilly
Presiding Hearing Officer
Administrative Hearings Office

Enclosure: Service List (copies sent by e-mail only)

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