

Exhibit 22

October 2024 Expert Report of Norman L. Jones and R. Jeffrey Davis

Reliance Materials

Revised 11/5/2024

1. Aquaveo LLC. 2024. Groundwater Modeling System, Aquaveo LLC, Provo, UT.
2. Faye, R.E., and C. Valenzuela. 2008. Analyses of Groundwater Flow, Contaminant Fate and Transport, and Distribution of Drinking Water at Tarawa Terrace and Vicinity, U.S. Marine Corps Base Camp Lejeune, North Carolina: Historical Reconstruction and Present-Day Conditions – Chapter C: Simulation of Groundwater Flow. Agency for Toxic Substances and Disease Registry U.S. Department of Health and Human Services, Atlanta, GA.
3. Faye, R.E. 2008, Analyses of Groundwater Flow, Contaminant Fate and Transport, and Distribution of Drinking Water at Tarawa Terrace and Vicinity, U.S. Marine Corps Base Camp Lejeune, North Carolina: Historical Reconstruction and Present-Day Conditions – Chapter F: Simulation of the Fate and Transport of Tetrachloroethylene (PCE). Agency for Toxic Substances and Disease Registry, U.S. Department of Health and Human Services, Atlanta, GA.
4. Harbaugh, A.W. 2005. MODFLOW-2005: The U.S. Geological Survey Modular Ground-Water Model—the Ground-Water Flow Process; Techniques and Methods. U.S. Geological Survey.
5. Harbaugh, A.W., E.R. Banta, M.C. Hill, and M.G McDonald. 2000. MODFLOW-2000, the U.S. Geological Survey Modular Ground-Water Model—User Guide to Modularization Concepts and the Ground-Water Flow Process. U.S. Geological Survey Open-File Report 00-92 2000. U.S. Geological Survey.
6. Langevin, C.D., J.D. Hughes, E.R. Banta, R.G. Niswonger, S. Panday, and A.M. Provost. 2017. Documentation for the MODFLOW 6 Groundwater Flow Model. U.S. Geological Survey.
7. Maslia, M.L., J.B. Sautner, R.E. Faye, R.J. Saurez-Soto, M.M. Aral, et al. 2007. Analyses of Groundwater Flow, Contaminant Fate and Transport, and Distribution of Drinking Water at Tarawa Terrace and Vicinity, U.S. Marine Corps Base Camp Lejeune, North Carolina: Historical Reconstruction and Present-Day Conditions – Chapter A: Summary of Findings. Agency for Toxic Substances and Disease Registry U.S. Department of Health and Human Services, Atlanta, GA.
8. McDonald, M.G., and A.W. Harbaugh. 1984. A Modular Three-Dimensional Finite-Difference Ground-Water Flow Model. Open-File Report.
9. National Weather Service. 2024. Home page. <https://www.weather.gov/>. Accessed on October 19, 2024. U.S. Department of Commerce and National Weather Service.

10. Owen, S.J., N.L. Jones, and J.P. Holland. 1996. A Comprehensive Modeling Environment for the Simulation of Groundwater Flow and Transport. *Eng. Comput.*12:235–242.
11. Panday, S., C.D. Langevin, R.G. Niswonger, M. Ibaraki, and J.D. Hughes. 2013. MODFLOW–USG Version 1: An Unstructured Grid Version of MODFLOW for Simulating Groundwater Flow and Tightly Coupled Processes Using a Control Volume Finite-Difference Formulation. U.S. Geological Survey.
12. USGS. 1996. USGS MODFLOW-96: MODular Three-Dimensional Finite-Difference Ground- Water FLOW Model with the Hydrograph Package. <https://water.usgs.gov/nrp/gwsoftware/modflow/modflow-96h.htm> Accessed on October 13, 2024. Available online: <https://water.usgs.gov/nrp/gwsoftware/modflow/modflow-96h.htm>. (Accessed on October 13, 2024). U.S. Geologic Survey.
13. Zheng, C., and P.P. Wang. 1999. MT3DMS, A Modular Three-Dimensional Multi-Species Transport Model for Simulation of Advection, Dispersion and Chemical Reactions of Contaminants in Groundwater Systems; Documentation and User’s Guide. U.S. Army Engineer Research and Development Center Contract Report SERDP-99-1. Vicksburg, MS. 202 pp.

Weston ABC One-Hour Cleaners Dataset – Materials 14-98

14. ATSDR_WATERMODELING_01-0000891326-ATSDR_WATERMODELING_01-0000891327
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Tarawa Terrace Model Input Files – Materials 99-123

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Post-Audit Tarawa Terrace Model Files – Materials 124-145

124. TTerrace_1951-2008.adv (CL_PLG-EXPERT_DAVIS_0000000001)
125. TTerrace_1951-2008.ba6 (CL_PLG-EXPERT_DAVIS_0000000002)
126. TTerrace_1951-2008.bc6 (CL_PLG-EXPERT_DAVIS_0000000003)
127. TTerrace_1951-2008.btn (CL_PLG-EXPERT_DAVIS_0000000004)
128. TTerrace_1951-2008.dis (CL_PLG-EXPERT_DAVIS_0000000005)
129. TTerrace_1951-2008.drn (CL_PLG-EXPERT_DAVIS_0000000006)
130. TTerrace_1951-2008.dsp (CL_PLG-EXPERT_DAVIS_0000000007)
131. TTerrace_1951-2008.gcg (CL_PLG-EXPERT_DAVIS_0000000008)
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