

EXHIBIT 75

Curriculum Vitae

Kip K. Allander
Hydrologist/Groundwater Specialist
US Geological Survey
Nevada Water Science Center
Carson City, NV 89701
Phone: (775) 887-7675
kalland@usgs.gov

Current Position:

Hydrologist and Groundwater Specialist – USGS Nevada Water Science Center

Education:

M.S., Hydrology, University of Nevada Reno, 2004
Focus: Groundwater and surface-water interactions, nutrient and sediment concentrations in streams.
Thesis: An estimate of the contributions of streamflow and nutrients to Trout Creek, South Lake Tahoe, California

B.S., Geophysics, University of Nevada Reno, 1994.

Experience:

Student Employee, 1990 – 1994
US Geological Survey
Nevada Water Science Center
Carson City, NV 89701

Hydrologist, 1995 – 2011
US Geological Survey
Nevada Water Science Center
Carson City, NV 89701

Groundwater Specialist/Hydrologist, 2011 – Current
US Geological Survey
Nevada Water Science Center
Carson City, NV 89701

Research Focus:

Carson Desert/Lahontan Valley groundwater, 1990 – 1994:
Student hydrologic technician; Basic groundwater monitoring; development of groundwater potentiometric surface map; coauthored report.

Lake Tahoe Hydrology: 1995 – 2004:

Hydrologist 1995 – 1997; Tributary and groundwater monitoring of water quality and quantity.

Principle investigator from 1998 – 2004; Project lead for tributary and groundwater monitoring program; Groundwater and surface water interactions study; Primary author of 3 reports; Master's thesis; Coauthored numerous reports.

Walker River Basin Hydrology, 2004 – present:

Lead hydrologist, Walker River basin investigation, 2004 – 2009;

Established extensive groundwater and groundwater/surface water monitoring network, conducted study of evapotranspiration, performed aquifer tests. Lead author on Evapotranspiration from Lower Walker River basin report, co-author on Walker Basin Hydrologic setting and water budget reports. Coauthor on Journal article.

Principle investigator, Lower Walker River basin models, 2009 – present;

Development of 3 numerical models: watershed model (PRMS), groundwater flow model (MODFLOW), and integrated groundwater and surface water model (GSFLOW). PRMS and MODFLOW models publication is in review. GSFLOW model and publication still in development.

Nevada groundwater systems, 2011 – present:

Groundwater specialist, Review models, proposals, projects, reports, procedures, and data for groundwater studies by the USGS Nevada Water Science Center. Example projects: Dixie Valley groundwater study, Diamond/Kobeh Valley groundwater study, Truckee River Tracy segment, Carson Valley groundwater and nitrate models, Middle Carson River basin model, Great Basin National Park, Upper Humboldt Basin, Nevada National Security Site, Lower Amargosa Valley, and others.

Relevant publications:

Pattison, R.R., D'Antonio, C.M., Dudley, T.L., Allander, K.K., and Rice, Benjamin, 2011, Early impacts of biological control on canopy cover and water use of the invasive saltcedar tree in western Nevada, USA: *Oecologia*, vol. 165, no. 3, p. 605-616.

Lopes, T.J., and Allander, K.K., 2009a, Hydrologic setting and conceptual hydrologic model of the Walker River Basin, west-central Nevada: U.S. Geological Survey Scientific Investigations Report 2009-5155, 84 p.

Lopes, T.J., and Allander, K.K., 2009b, Water budgets of the Walker River Basin and Walker Lake, California and Nevada: U.S. Geological Survey Scientific Investigations Report 2009-5157, 44 p.

Allander, K.K., Smith, J.L., and Johnson, M.J., 2009, Evapotranspiration from the Lower Walker River Basin, West-Central Nevada, Water Years 2005-07: U. S. Geological Survey Scientific Investigations Report 2009-5079, 63 p.

Allander, K.K., 2005, Ground-water reconnaissance of the Bijou Creek Watershed, South Lake Tahoe, California, June–October 2003: U.S. Geological Survey Open-File Report 2005–1329, 34 p.

Allander, K.K., 2004, Trout Creek – Evaluating ground-water and surface-water exchange along an alpine stream, Lake Tahoe, California in Stonestrom, D.A., and Constantz, J., eds., Heat as a Tool for Studying Movement of Ground Water near Streams: U.S. Geological Survey Circular 1260, p. 35-45

Allander, K.K., and Prudic, D.E., 2000, Shallow Ground-Water Flow in Relation to Streamflow in the Upper Truckee River and Trout Creek Watersheds, Stop 9 in Hydrology of the Tahoe Basin Field Trip Guidebook, edited by Prudic, D.E., Fogg, G.E., and Glancy, P.A.: Geological Society of America Annual Meeting, Reno, Nevada, Field Trip 19, November 17-18, 2000.

Rowe, T.G., and Allander, K.K., 2000, Surface- and ground-water characteristics in the upper Truckee River and Trout Creek watersheds, South Lake Tahoe, California and Nevada, July-December 1996: U.S. Geological Survey Water-Resources Investigations Report, WRI 00-4001, 39 p.

Seiler, R.L., and Allander, K.K., 1993, Water-level changes and directions of ground-water flow in the shallow aquifer, Fallon area, Churchill County, Nevada: U.S. Geological Survey Water-Resources Investigations Report 93-4118, 74 p.