

**APPLICATION FOR
COUNTY OF EL DORADO
BOARD, COMMISSION, OR COMMITTEE**

Return to: Clerk of the Board of Supervisors
County Government Center
330 Fair Lane, Placerville, CA 95667
e-mail: edc.cob@edcgov.us

DATE RECEIVED

Copy to Supervisor - District _____

INSTRUCTIONS: Please complete each item below. Be sure to enter the title of the Board, Commission, or Committee (only one per application please) for which you desire consideration. For more complete information or assistance contact the Clerk of the Board of Supervisors' Office. This application shall be maintained for a period of one year only. After one year it is necessary to file a new application for another year of eligibility. Please print in ink or type.

1. Board/Commission Applying for: Tahoe Resource Conservation District	2. Today's Date: 10/05/16
3. Name: Thiel John Andrew Last First Middle	4. E-Mail Address: _____
5. Address: Number Street South Lake Tahoe, CA 96150 (Mail to: 96151) City Zip Code	6. Telephone: Home Business
7. Occupation/Title: Civil Engineer - Engineering Department Manager	Employer: South Tahoe Public Utility District
8. List all County board, commissions or committees of which you are now or have been a member. Indicate dates of service. Tahoe RCD Board Member, November 2014 to Current	
9. Summary of qualifications related to group(s) listed above. (What experience or special knowledge do you bring to your area of interest?) I am a registered professional engineer and an MBA with over 24 years experience as a Civil Engineer working in the Tahoe Basin where I have led the planning, design, permitting, and construction of over 60 water projects with an aggregate construction value of over \$90M. Extensive experience in hydrology, hydraulics, site restoration, BMPs, grants, project economics and funding, regulatory framework and political structures. See attached resume and project history.	
10. Affiliations with professional and/or community groups: Tahoe Water Suppliers Association, Board Member; Tahoe Sustainability Commission, past Chair; CTC, liaison; Groundwater Management Plan, member, Strategic Advisory Group; AWWA Legislative Affairs Committee; AWWA Asset Management Committee; Lake Tahoe Wastewater Infrastructure Partnership, member; CASA, ACWA, CSDA, WEF.	
11. Why do you seek appointment? I am fortunate to be living, working, and raising a family in South Lake Tahoe for over 24 years now and seek to utilize my professional and personal skills at the Tahoe RCD, at a community and regional level, to actively participate and work with others in an effective organization for the preservation, protection, and improvement of our natural environment.	
12. Additional Information: Give any information explaining your qualifications, experience, training, education, volunteer activities, community organization memberships, or personal interests that bear on your application for above Board, Commission, or Committee. Attach additional sheets as necessary. I have been on the Tahoe RCD Board for almost two years. I have seen a great deal of progress and improvements at the District and wish to build on existing knowledge and keep improving our efforts to implement conservation projects and programs. Other activities include Tahoe Youth and Family Services, coach and Board member for youth sports, TAMBA.	
13. Indicate Supervisor who will receive a copy of this application: District 5 Supervisor, Ms. Sue Novasel	

Appointees to Boards, Commissions or Committees are not considered to be County employees for purposes of benefits, such as Workers Compensation, health insurance, etc.



Signature of Applicant

SIGN HERE

10/05/16

Date

REVISED 1/6/2011 11:55 AM

You can save this completed application and attached to an email and send to edc.cob@edcgov.us

Clear Form Spell Check Save Print

John A. Thiel, PE, MBA

Education

*M.B.A., Business
University of Nevada
Reno, Nevada, 2003*

*B.S., Civil Engineering
Iowa State University
Ames, Iowa, 1987*

Registration

*Professional Civil Engineer
No. 47912, California*

Organizations

*Director, TRCD
Director, TWSA
Chair, Tahoe Sustainability
Coalition - EWWE
AWWA Legislative Affairs
AWWA Asset Management
CASA, ACWA, WEF*

Expertise

*Water Systems Planning,
Design, and Construction*

*Wastewater Systems
Planning Design, and
Construction*

*Reclaimed Water Systems
Planning, Design and
Construction*

*Water Resources,
Hydrology and Hydraulic
Planning, Design, and
Construction*

*General Civil Engineering,
Buildings, Roads,
Drainage, Rehabilitation*

*Coatings and Corrosion
Control Systems*

Technology

*AutoCAD, GIS, GPS,
CMMS, InfraMAP, InfoWater,
InfoSewer, WaterCAD, HEC 1,
HEC2, SCADA*

Experience Summary

Mr. Thiel is a California PE and MBA with over 25 years experience in managing and leading the planning, design, permitting, and construction of over 90 water, wastewater, and water reuse projects with an aggregate construction value of over \$90M. His project work experience is detailed on Attachment 1 – Project History. Comprehensive engineering and management experience includes:

- Water production wells, treatment, storage and distribution systems.
- Wastewater system collection, pumping, treatment, and disposal
- Water Reuse planning, design, construction, crop irrigation.
- Hydrology and hydraulics, river routing and flood control, stormwater collection, treatment, disposal, and beneficial reuse.
- New buildings, existing building assessments and upgrades.
- Site development, utilities, drainage, coverage, land use and capability.
- Site restoration and revegetation, river bank stabilization, BMPs.
- New roads, curb and gutter, new paving, pavement replacement.
- Coatings installation, assessment and rehabilitation.
- Corrosion assessment and cathodic protection installations.
- Asset Management, CMMS development and integration, Condition Assessments, Alternatives development, Business Case Evaluations.
- GIS development and integration including Trimble GPS and InfraMAP.
- Grant program development including research, application development, implementation, and administration of over \$25M in grant funding.
- Permitting and Regulatory Compliance including NEPA and CEQA

Work History

1992 to Present. South Tahoe Public Utility District, South Lake Tahoe, CA. Engineering Department Manager (formerly Principal, Senior, Staff Engineer). Director of engineering, inspection, construction, GIS, and CMMS programs. Responsible for development and implementation of a 10 year, \$114M Capital Improvement Program. Program and project level planning, budgeting, and implementation. Provides leadership and direct supervision for professional and technical engineering staff, and the GIS program. Extensive public outreach and interaction with the Board of Directors, regulatory agencies, City, County, and other public agencies, consultants, contractors, and the public.

1990 to 1992. MWH Global, Consulting Engineers, Pasadena, CA. Project Engineer. Development of water reclamation master plans including source and market analysis, distribution system design, regulatory and economic analysis, funding analysis. Wastewater treatment plant master plans including land use planning, alternatives analysis, and implementation.

1988 to 1990. Horner & Shifrin, Consulting Engineers, St. Louis, MO. Project Engineer. Development and management of industrial wastewater pretreatment program, relief sewer planning and design, hydrologic and hydraulic modeling, restoration of strip mine and watercourse.

Project History

(Chronological Order by Employer)

ID	Year	Type	Project Title	Notes
Horner & Shifrin, Consulting Engineers:				
1	1988	P	Industrial Wastewater Pretreatment, Sauget, IL	Pretreatment Coordinator.
2	1989	P	Hydrologic / Hydraulic Evaluation, St. Louis, MO	USACE, HEC1, HEC2 .
3	1990	C	Watercourse Restoration, St. Louis, MO	Strip mine restoration.
4	1990	C	Sanitary / Storm Sewer Relief Project, St. Louis, MO	Combined sewers.
MWH, Consulting Engineers:				
5	1990	P	Water Reclamation Master Plan, Orange County, CA	County-wide, multiple cities.
6	1990	P	Water Reclamation Master Plan, Riverside, CA	Included wetlands development.
7	1991	P	Water Reclamation Master Plan, Oxnard, CA	Market development.
8	1991	P	Water Reclamation Master Plan, Lake Elsinore, CA	Market development.
9	1992	P	Facilities Master Plan - San Fernando Valley	Tillman WWTP.
10	1992	P	Facilities Master Plan - Glendale, CA	Temporary structures.
11	1992	P	Facilities Master Plan - Long Beach, CA	Terminal Island Facility.
South Tahoe Public Utility District:				
12	1992	P	Future Connections Compliance Rpt	Multi-agency collaboration.
13	1993	C	SUT Well Building / Genset	Genset, bldg expansion.
14	1993	P	Future Connections Facility Plan	MWH.
15	1993	P	Future Connections EIR/EIS	Parsons, Dale Sare.
16	1993	P	Infiltration / Inflow Assessment	Groundwater intrusion, stormwater inflow.
17	1994	C	Christmas Valley Waterline	Road replacement.
18	1994	C	Regina Waterline	Replacement project.
19	1994	C	Keller Tank Access Rd	Turf block access road, drainage, reveg.
20	1994	C	Elks Club Well Improvements	Expansion and improvements.
21	1994	C	Arrowhead Tank and Waterline	USFS property swap, w/ CT
22	1995	C	Hwy 50 Waterline, Repaving	Trenchless technology. CalTrans. Fire flows.
23	1996	C	Al Tahoe PS Replacement	Carollo
24	1996	C	Ski Run PS	Carollo
25	1998	C	Christmas Valley Tank	Access road.
26	1998	C	Gardner Mtn. 2 Tank	Access road. USFS.
27	1998	C	Arrowhead Well #3	Well and Control building, Treatment.
28	1999	C	Site restoration and erosion control	Multiple sites.
29	1999	C	Building Improvements / Roofing Replacement	Multiple structures.
30	1999	C	Flagpole 2 Tank	Access road. USFS.
31	1999	C	Lookout Tank	Access road. USFS.
32	1999	C	Gardner Mtn. Well Replacement	Valhalla Well. USFS.
33	2000	C	Lower Shops Parking and Pavement	Pavement assesment.
34	2000	C	Flagpole 1 Tank Roof / Rehab	Concrete coatings. Roof replacement.
35	2000	C	Forest Mtn Tank, WL, Access Rd	Pipe bursting. Survived fire.
36	2000	C	Forest Mtn Booster Station	Survived fire. Fire pump installation.
37	2000	C	Iroquois Tank	Replaced Railroad Tank.
38	2000	C	Test Well and Sentinel Wells	Multiple locations.
39	2001	C	Gardner Mtn. 1 Tank, Waterline	Access road. USFS.
40	2003	C	Ballfields (Measure S) WWTP Access Road	Site and road engineering, permitting.
41	2003	C	Elks Club, Flagpole Well Control Bldgs.	Flagpole delete due to water quality. w/ NZ.
42	2003	C	Cornelian Booster Station	Site engineering, property. Carollo.
43	2003	C	Flagpole, Elks Club Well Drilling	MTBE mitigation.

(Continued next page)

Legend

Year: Approximate year of development

Type: Planning (P) or Construction (C)

Project History (continued)

ID	Year	Type	Project Title	Notes
44	2003	C	Solids Handling Facility	Site engineering, access road. Carollo
45	2003	C	Gardner Mtn. Sewer Pump	Site engineering, property. Carollo
46	2004	P	Administration Building Evaluation	Structural evaluation, Needs assessment.
47	2004	C	Customer Service, Lab, WW Ops Facility	Site engineering, Landscaping. Smith Design.
48	2004	C	Bakersfield Well HIPOX Treatment	Bldg expansion, site, permitting. w/ NZ.
49	2005	P	Arsenic Compliance Master Plan	Set course for 7 years running. \$5M savings.
50	2006	P	Water System Reliability Plan	Reliability and lowest life cycle cost.
51	2006	C	Al Tahoe Waterline, Repaving	Fire flow improvements.
52	2008	C	Tata / Granite Waterline, Repaving	Fire flow improvements.
53	2008	C	Julie Lane Waterline, Repaving	Fire flow improvements.
54	2009	C	Twin Peak Booster Station	Site engr, property. Carollo. Fire flows.
55	2009	C	Lake Tahoe Blvd Waterline, Repaving	Viking to Sawmill. Fire flow improvements.
56	2009	P	Harvey Channel Hydro/Hydraulic Study	USACE Report, Assessment.
57	2009	C	Harvey Channel Culvert Design	Low cost design-build.
58	2009	P	Collection System Master Plan	Brown&Caldwell w/ P. Sciuto
59	2009	C	Harvey Channel Flood Control	Built by District; USACE permitting
60	2009	C	ICR Oxygenation Facility	Building design. In-house construction.
61	2010	C	North Apache Booster	AECOM, Haen. Fire flow improvements.
62	2010	C	Meyers Hwy50 Waterline, Repaving	Caltrans. Fire flow improvements.
63	2010	C	Water Meters, Ph 1	Plans w/ C2ME. \$2.4M ARRA.
64	2010	C	Water Meters, Ph 1b	Plans prepared in 10 days. \$2M ARRA.
65	2010	C	DVR Access Bridge and Box Culvert	In-house construction.
66	2011	C	Grizzly Booster	AECOM, Haen. Fire flow improvements.
67	2011	C	Grizzly Waterline, Repaving	AECOM, Haen. Fire flow improvements.
68	2011	C	Coatings Improvement	V&A, BACC
69	2011	C	Cathodic Protection - Pump Stations	JDH
70	2012	C	Tahoe Meadows Restoration	South ditch project.
71	2012	C	Coatings, Cathodic Protection	BACC, JDH
72	2012	C	Rocky 2 / Pioneer Waterline	Tri-State Survey.
73	2012	C	Sierra Tract 3-4 Area Waterline	Tri-State Survey.
74	2012	C	Upper Truckee River Sewer Repair	Northwest Hydraulics
75	2012	C	WWTP Concrete Structures, Structural, Coatings	HDR.
76	2013	C	Keller Booster Station Improvements	AECOM.
77	2013	C	David Ln Booster Station Improvements	AECOM.
78	2013	C	Angora Creek Sewer Relocation	Northwest Hydraulics
79	2013	C	Primary Clarifier Improvements	HDR.
80	2013	P	Critical Waterline Assessments	HDR.
81	2013	P	Water System Master Plan	Kennedy Jenks, West Yost.
82	2013	P	Water Supply to the Y	West Yost
83	2013	P	Regional Alternative Energy Exploration Study	EN2, Domenichelli, Nline Energy, Solar City
84	2014	C	Water Meters Phase 2	Obtained 30yr 0 interest loan. Zero COs
85	2014	C	Primary Clarifier Improvements	HDR.
86	2014	C	Upper Truckee River Relocation Sunset Stables	USFS coordination project.
87	2014	C	Fallen Leaf Lake Sewer System Improvements	In-house design. 1.2M savings
88	2015	C	Water Meters Phase 3,4,5	SRF Funding in progress. Approx. \$18M
89	2015	C	Groundwater Management Plan	Kennedy-Jenks.
90	2015	C	Aeration Basin Concrete, Coatings, Hydraulics	HDR
91	2015	C	Fire Hydrants and Large Meters	Fire Partnership Funding.
92	2016	C	Luther Pass PS Power and Controls	GHD
93	2016	C	Diamond Valley Ranch Irrigation	Energy recovery facility.
94	2016	C	Fire Hydrants on 4-inch	Fire Partnership Funding.
95	2016	P	Keller-Heavenly Zone Improvements	In progress.
96	2016	P	Water System Fire Flow Reliability	In progress.
97	2016	C	Ponderosa, Marlette Waterline Installations	In progress.
98	2016	P	South Y Well PCE Remediation	Prop 1 Grant

Legend

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