

**MEMORANDUM**  
OFFICE OF THE  
**BOARD OF SUPERVISORS**  
COUNTY OF PLACER

TO: Honorable Board of Supervisors

FROM: Mike Boyle, Assistant County Executive Officer

DATE: August 18, 2009

SUBJECT: COMMITTEES AND COMMISSIONS – Wastewater Advisory Committee -  
Approve the appointment of Chris White to Seat 11 representing  
Environmental Consultant.

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**ACTION REQUESTED**

Approve the appointment of Chris White to Seat 11 representing Environmental Consultant.

**BACKGROUND**

The purpose of the Wastewater Advisory Committee is to make recommendations to the Environmental Health Director regarding ordinance adoption/revisions, review methods, techniques and materials for on-site sewage treatment and disposal, and policy issues. The committee is composed of thirteen members, one each representing the following: Placer County Architects, Geologists, Engineers, and Surveyors; Academia; Placer County Association of Realtors; Placer County Facility Services; Septage Pumper; Septic Tank Manufacturers' Association; Building Industry; Planning Commissioner or member of the Board of Supervisors; and Manufacturers' Association (to be appointed by the Board of Supervisors), each serving two-year terms. The committee shall meet at the call of the chairperson.

**FISCAL IMPACT**

None



**PLACER COUNTY  
BOARD OF SUPERVISORS**

**APPLICATION FOR MEMBERSHIP ON  
ADVISORY BOARD OR COMMISSION**

THE FOLLOWING IS PUBLIC INFORMATION

APPLICATION FOR MEMBERSHIP ON: Placer County Wastewater Advisory Committee  
(NAME OF BOARD, COMMISSION, OR COMMITTEE)

IF THIS BOARD/COMMISSION/COMMITTEE CALLS FOR A SPECIFIC TYPE MEMBER, PLEASE INDICATE THE  
POSITION FOR WHICH YOU ARE APPLYING: Environmental Consultant (Seat #11)

NAME: Chris White

SUPERVISORIAL DISTRICT IN WHICH YOU RESIDE: My office is in District 3 (see cover letter)

TIMES YOU ARE AVAILABLE FOR MEETINGS: DAYS: ANY TIMES: ANY

EMPLOYMENT EXPERIENCE/PROFESSION (A RESUME MAY BE ATTACHED): See attached resume and cover letter.

ORGANIZATION/COMMUNITY EXPERIENCE: See attached cover letter.

EDUCATIONAL EXPERIENCE: See attached resume and cover letter. I have been an REA I (Registered Environmental Assessor #06995) in California since 1997.

APPLICATIONS WILL BE RETAINED FOR TWO YEARS

APPLICATION MUST BE FILED WITH THE CLERK OF THE BOARD OF SUPERVISORS  
175 FULWEILER AVENUE, ROOM 101, AUBURN, CALIFORNIA 95603

DATE: 7/3/2009 SIGNATURE Chris White

July 2, 2009

Ann Holman, Clerk of the Board of Supervisors  
Placer County  
175 Fulweiler Ave., Room 101  
Auburn, CA 95603

**RE: Application to Serve on the Placer County Wastewater Advisory Committee**

Dear Ms. Holman:

At the suggestion of Jill Pahl of the Placer County Environmental Health Services department, I am enclosing my application for the Environmental Consultant position (Seat #11) on the Placer County Wastewater Advisory Committee. I have also attached a copy of my resume. Due to formatting constraints with the application, I thought it best to provide the supplemental information requested herein:

**1) Residency:** I am not a Placer County resident, as I live in Grass Valley. However, I established my professional office in Auburn in 2005 when I moved from the Bay Area. Balance Hydrologics' main office is in Berkeley and I travel there several times a month; otherwise, most of my time is spent in my Auburn office, now located at the Creekside Business Park.

**2) Professional Experience:** My academic background is in soil and water science, with an emphasis on nutrient management. I have worked as a water quality specialist with Balance Hydrologics since 1991, so my resume is truncated regarding my capabilities. Balance is a watershed hydrology firm with projects throughout northern California. Our work encompasses many types of hydrologic studies (excepting environmental remediation) and I have gained diverse experience in a variety of environmental settings. I lead the firm's CEQA practice and have prepared Hydrology chapters for several dozen EIRs or MNDs over the past 15 years, and have directed special studies to support public environmental review of projects at many more sites.

My experience with wastewater issues, particularly those involving on-site systems, extends back to the early 1990s when I worked closely with the County of Santa Cruz Environmental Health Service to develop a 35-node nitrate budget for the San Lorenzo Valley watershed, which supplies water to about 90,000 residents and is highly-valued fishery and aquatic habitat. Quantitative estimates of nitrate releases to the aquifer provided critical data to County planners to aid in development of a basin-wide Nitrogen Management Plan. We concluded that on-site systems and horse stables in very sandy areas of the watershed were the source of nearly all of the nitrate impairing the streams.

In subsequent Regional Board-funded studies, we explored options to reduce contributions from these two sources, and the County incorporated our resulting recommendations into their best management practices (BMPs) for these land uses.

In 1998, I was the project manager for the assessment of potential impacts of wastewater disposal at the Hidden Falls project, working for Placer County EHS through North Fork Associates. We concluded that above a certain threshold of development, potential impacts of the proposed project would likely be significant and successfully defended our scientific analysis in the face of persistent attacks by the applicant's consultants.

More recently, I co-managed the comprehensive 10-year update of the Watershed Sanitary Survey for the City of Santa Cruz Water Department (SCWD). This 2008 effort included reviewing water quality monitoring data from throughout the County extending back to the early 1980s, evaluating the risk of potential water quality impacts from over 40 different watershed activities, assessing the effectiveness of management actions addressing those risks, and making recommendations regarding the policies the SCWD and its cooperators are developing to further reduce potential risks. I also recently (2008) completed the hydrology chapter for the Rockville Trails Estates EIR in Solano County, a 370-home project on a 1,580-acre mesa-top site which included a package MBR plant and treated-effluent irrigation of landscaping, recreational turf and vineyards.

**3) Organization/Community Experience:** I have volunteered for numerous nonprofit and community groups since the 1970s. While living in Berkeley, I was a Director (1994-2003), Treasurer (1997-2003) and the de facto Office Manager for an all-volunteer jazz presenting organization (Jazz In Flight) which successfully produced over 300 concerts, including 13 annual week-long festivals featuring musicians from around the world. Since moving to the foothills, I have regularly attended meetings and volunteered for the Roseville-based American Basin Council of Watersheds, the Bear River Watershed Group, the Yuba-Bear Watershed Council, and the Wolf Creek Alliance (Grass Valley). I have also been Secretary of the P.A.G.E.S. (Placer Architects, Geologists, Engineers and Surveyers) group since January 2008.

### *Closing*

I would be honored if the Board of Supervisors would consider my application for membership on the Placer County Wastewater Advisory Committee. Please contact me if additional information or references are required.

Sincerely,



Chris White

Encl: resume, application form

**CHRISTOPHER C. WHITE**  
Principal Water Quality Specialist

**Education**

- M.S. Agronomy (Nutrient Management), University of California, Davis, 1991  
M.S. International Agricultural Development/Animal Science (Aquaculture),  
University of California, Davis, 1989  
B.S. Animal Science (Aquaculture), University of California, Davis, 1985

**State Registrations and Professional Society Certification**  
Registered Environmental Assessor, California (06995)

**Summary of Experience**

Chris White designs and manages field programs directed towards solving soil and water quality problems. With his diverse background in agricultural, animal and social sciences, he brings a strong understanding of the interactions between terrestrial, wetland and aquatic ecosystems to projects focusing on environments affected by land-use changes.

**Experience**

1991-present Water Quality Specialist, Balance Hydrologics, Inc.

Directs CEQA assessments at urban, exurban and rural sites throughout northern California. Project manager for field investigations of non-point source pollution of ground water and surface water from residential, commercial, agricultural and recreational development. Responsible for developing salt, nutrient and pesticide "budgets" from land-use data and nutrient migration patterns. Evaluates the effectiveness of structural and non-structural control measures to avoid hydrologic and water quality impacts. Designs comprehensive water quality management plans to protect sensitive habitats and rehabilitate disturbed areas. Leads Balance's studies of nitrogen control at golf courses, confined animal operations (including stables) and in areas of sandy soils. Integral to the firm's work characterizing baseline watershed hydrology, wetlands protection and restoration, riparian habitat augmentation, surface/ground water interaction and water supply development.

**CHRISTOPHER C. WHITE**  
Principal Water Quality Specialist

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- 1990 Post-Graduate Researcher, Department of Agronomy and Range Science, UC Davis  
Managed a continuing on-farm experiment examining potential reuse of saline, agricultural drainage water for irrigation of cotton and safflower grown in the Tulare Lake Bed cropland.
- 1987-1989 Research Assistant, Department of Agronomy and Range Science, University of California Davis (MS research project)  
Teaching Assistant, Departments of Agronomy and Range Science, Vegetable Crops, and Microbiology, UC Davis
- 1984-1987 Research Assistant and Student Assistant, Department of Animal Science, University of California Davis  
  
Adapted fish-aging techniques to determine age at reproductive maturity of wild-caught white sturgeon used to develop initial university broodstock (MS research project). Correlated fish age with gonadal condition of broodstock to predict reproductive development. Assisted hatchery manager with all aspects of maintaining diverse populations of sturgeon and salmonids.
- 1982-1984 Farm Manager, Ravenhill Farm, Blaine, Maine  
  
Managed a diversified small farm: hay, field crops and vegetable production; rotational grazing of goats and sheep; strip-cropped forage, green manure and small grain crops to restore soil quality.
- 1979-1981 Peace Corps Volunteer, Rural Primary School Construction Program, Gabon, Africa

**Professional Affiliations**

American Fisheries Society  
American Society of Agronomy

**Publications and Presentations**

Available upon request.



**Placer County  
Health and Human Services Department**

Richard J. Burton, M.D., M.P.H.  
Health Officer and Director

Jill Pahl, R.E.H.S.  
Director, Environmental Health

**MEMORANDUM**

TO: Megan Clark, Administrative Secretary  
Clerk of the Board of Supervisors

FROM: Jill Pahl, R.E.H.S., Environmental Health Director

DATE: July 27, 2009

SUBJECT: Recommendation of Chris White to the Wastewater Advisor Committee

Chris White has applied for the position of Environmental Consultant (Seat #11) on the Placer County Wastewater Advisory Committee. I highly recommend Mr. White to this position.

The purpose of the Wastewater Advisory Committee is to work toward the development and maintenance of the On-Site Sewage Manual; to assist in the evaluation of new on-site collection, treatment, conveyance, dispersal, and disposal technology; to contribute to policies, practices, and procedures to improve protection of public health and delivery of customer service, etc.

Mr. White has extensive experience with soil and water science, including watershed hydrology. He has experience relating specifically to environmental impacts regarding the use of onsite sewage disposal systems, especially as they relate to potential contamination to aquifers. Mr. White currently works for Balance Hydrologics, Inc. In his position as project manager he conducts field investigations of non-point source pollution of ground water and surface water from residential, commercial, agricultural and recreational development. Mr. White also demonstrates a history of participation in community groups and councils that relate to watershed issues and water quality. These include the P.A.G.E.S. (Placer Architects, Geologists, Engineers and Surveyors), Yuba-Bear Watershed Council, and American Basin Council of Watersheds.

Mr. White's extensive experience and knowledge of onsite sewage disposal systems and potential contaminating affects to the watershed would result in valuable contributions to the Committee's work.

# WASTEWATER ADVISORY COMMITTEE

## COMMITTEE INFORMATION

**PURPOSE:** To make recommendations to the Environmental Health Director regarding ordinance adoption/revisions, review methods, techniques and materials for on-site sewage treatment and disposal, and policy issues. (Res. 97-211) Res. 93-173 adding two (2) at-large members, Res. 2000-239, changing the composition of membership. Res. 2004-273 renaming the Sewage Disposal Advisory Committee to Wastewater Advisory Committee.

**CONFLICT OF INTEREST:** No

**COMPOSITION:** Composed of thirteen (13) members, one each representing the following: Placer County Architects, Geologists, Engineers, and Surveyors (P.A.G.E.S.); Academia; Placer County Association of Realtors; Placer County Facility Services; Septage Pumper; Septic Tank Manufactures' Association; Building Industry; On-Site Sewage Disposal Consultant; Contractors/Installers' Association; Public-at-Large; Environmental Consultant; Planning Commissioner or Member of the Board of Supervisors; Manufacturers' Association (to be appointed by the Board of Supervisors). The term is for two years commencing on October 1, 2000. Per Res. 2004-273 members in Seats 1, 2, 3, 4, 8, and 13 shall terminate on 10/01/2005 and 2-year terms; members in Seats 5, 6, 7, 9, 10, 11, and 12 shall terminate on 10/01/06 and 2-year terms.

**MEETINGS:** The committee shall meet at the call of the chairperson.

**COMPENSATION:** Members shall receive no compensation for their services.

**COUNTY CONTACT PERSON**  
Jill Pahl, Director Environmental Health  
(530) 745-2300

**CONTACT PERSON**

### CURRENT MEMBERS

**SEAT # 1**  
David Spannagel  
REPRESENTS: P.A.G.E.S.  
TERM LENGTH: 2-years  
APPOINTED BY: BOS  
EXPIRES: 10/1/2009

**SEAT # 2**  
Tibor Banathy  
REPRESENTS: Academia  
TERM LENGTH: 2-years  
APPOINTED BY: BOS  
EXPIRES: 10/1/2009

**SEAT # 3**  
Rick Bluhm  
REPRESENTS: PC Assoc Realtors  
TERM LENGTH: 2-years  
APPOINTED BY: BOS  
EXPIRES: 10/1/2009

**SEAT # 4**  
Kevin Bell  
REPRESENTS: Facility Services  
TERM LENGTH: 2-years  
APPOINTED BY: BOS  
EXPIRES: 10/31/2009

**SEAT # 5**  
Mark Navo  
REPRESENTS: Septage Pumper  
TERM LENGTH: 2-years  
APPOINTED BY: BOS  
EXPIRES: 10/1/2010

**SEAT # 6**  
Guy Ostenson  
REPRESENTS: Septic Tank Mfg  
TERM LENGTH: 2-years  
APPOINTED BY: BOS  
EXPIRES: 10/1/2010

**SEAT # 7**  
Bill Carpenter, Jr.  
REPRESENTS: PC Bldrs Exch  
TERM LENGTH: 2-years  
APPOINTED BY: BOS  
EXPIRES: 10/1/2010

**SEAT # 8**  
David Honeycutt  
REPRESENTS: On Site Sewage Disp Consult  
TERM LENGTH: 2-years  
APPOINTED BY: BOS  
EXPIRES: 10/1/2009

**SEAT # 9**  
Mike Broyer  
REPRESENTS: Contract/Instl Ass  
TERM LENGTH: 2-years  
APPOINTED BY: BOS  
EXPIRES: 10/1/2010

**SEAT # 10**  
Marc Lindbloom  
REPRESENTS: Public-at-Large  
TERM LENGTH: 2-years  
APPOINTED BY: BOS  
EXPIRES: 10/1/2010

**SEAT # 11**  
Vacant Seat  
REPRESENTS: Env Consult  
TERM LENGTH: 2-years  
APPOINTED BY: BOS  
EXPIRES: 10/1/2010

**SEAT # 12**  
Dave Buck  
REPRESENTS: Public-at-Large  
TERM LENGTH: 2-years  
APPOINTED BY: BOS  
EXPIRES: 10/31/2010

**SEAT # 13**  
Kenneth Denio  
REPRESENTS: Planning Commissioner  
TERM LENGTH: 2-years  
APPOINTED BY: BOS  
EXPIRES: 10/31/2009