

MEMORANDUM

TO: Con Mims, Chair, Nueces River, Corpus Christi Bay and Baffin Bay BBASC
FROM: BBEST Selection Work Group (Members: James Dodson, Ray Allen, Jim Gallagher, Harry Schulz, and Wes Tunnell)
DATE: March 29, 2010
Re: Recommendations for BBASC Appointments to the Basin and Bay Expert Science Team (BBEST) for the Nueces River, Corpus Christi Bay and Baffin Bay Basin and Bay Area Stakeholders Committee (BBASC)

The BBEST Selection Work Group for the Nueces River, Corpus Christi Bay and Baffin Bay Basin and Bay Area Stakeholders Committee (BBASC) met on several occasions over the last five months to:

- Review SB3 charges for the BBEST and the BBASC appointment of BBEST members
- Define areas of scientific expertise that should be represented on the BBEST
- Discuss qualifications for BBEST membership in terms of expertise and experience
- Develop a list of potential BBEST members
- Solicit nominations for BBEST members
- Review nominations received as of the deadline (March 1, 2010) and
- Prepare a list of recommended candidates for consideration by the BBASC at the April 21, 2010 BBASC meeting in Uvalde.

At the BBEST Selection Work Group last week (on Thursday, March 25, 2010), the work group members reviewed the final list of nominees (eighteen (18), in all) and created a list of eleven (11) names to be submitted to the BBASC as recommended BBEST members. Those eleven individuals, with areas of expertise and affiliation, are listed on the next page.

The nomination packages for all eighteen candidates are available in PDF format and will be sent to you separately so you can disseminate them to the BBASC prior to the April 21, 2010 meeting. While the BBEST Selection Work Group has recommended eleven of those candidates for appointment to the BBEST, BBASC members may elect to delete names from the attached list, or put other names into nomination and consideration.

Please let me know if you have any questions.

Sincerely,



**BBEST Selection Work Group Recommendations for Appointment to the
Nueces River, Corpus Christi Bay and Baffin Bay Basin and Bay Expert Science Team**

<u>Name</u>	<u>Area of Expertise</u>	<u>Affiliation</u>
Tom Arsuffi, PhD	Freshwater fisheries and ecology	Tx Tech Univ – Junction
Dave Buzan	Freshwater and coastal ecosystems	PBS&J Consulting
Ken Dunton, PhD	Estuarine ecology, botany & geochemistry	UTMSI
Rocky Freund	Water quality, information systems & GIS	Nueces River Authority
Wayne Gardner, PhD	Coastal/freshwater biogeochemistry	UTMSI
Ben Hodges, PhD	Environmental fluid mechanic, modeling	UT – Austin (CRWR)
David Hoeinghaus, PhD	Freshwater ecology & conservation biology	University of North Texas
Ryan Smith	Freshwater fisheries and hydrology	The Nature Conservancy
Greg Stunz, PhD	Marine fisheries and estuarine ecology	TAMUCC (HRI)
Sam Vaughn, P.E.	Hydrology and hydrologic modeling	HDR Engineering
Lance Williams, PhD	Stream ecology and fisheries	UT – Tyler

Nueces-CC Bay- Baffin Bay BBEST Selection Work Group: Potential BBEST Members

Name	Area of Expertise	Current Employment
Ryan Smith	Freshwater fisheries; hydrology	The Nature Conservancy - Austin Office
Sam Vaugh	Hydrology and hydrologic modeling	HDR Engineering, Austin
Ken Dunton	Estuarine ecology, marine botany & geochemistry	UTMSI
Tom Arsuffi	Freshwater fisheries & ecology	Texas Tech Univ - Junction Field Station
Robert ("Bob") Edwards	Ichthyology & freshwater fisheries	UT - Pan Am
Greg Stunz	Marine fisheries and estuarine ecology	TAMUCC - HRI
Lance Williams	Stream ecology (headwater streams) & fisheries	UT - Tyler
David J. Hoeinghaus	Ecosystem ecology & conservation biology	Univ of North Texas
Rocky Freund	Information systems & GIS; Water Quality	Nueces River Authority
Wayne Gardner	Coastal Biogeochemistry	UTMSI
Ben Hodges	Physical Oceanography & Modeling; Env Fluid Mecl	UT-Austin -- CRWR
Dave Buzan	Freshwater and coastal ecosystems	PBS&J Consulting
Jeremy Webster	Instream flow biology	BIO-WEST
Yu-Chun Su	Hydrology and WQ Modeling	PBS&J Consulting
Ka Leung Lee	Hydrology & Hydrodynamics; WQ Modeling	PBS&J Consulting
Lonnie Stewart	Groundwater/Surface Water Interactions	Live Oak Underground Water Conservation District
Christopher Shank	Coastal Geochemistry	UTMSI
Marty Heaney	Coastal ecology	BIO-WEST
Resource agency scientific/technical staff supporting the BBEST effort:		
Name	Area of Expertise	Agency/Position
James Tolan	Estuarine Scientist / Biology / Water Quality	TPWD, Coastal Fisheries Division
Doyle Mosier	Instream Flow Biology	TPWD, Program Director, Freshwater Resources, Inland Fisheries Division
Dan Opdyke	Hydrology	TPWD, Water Resources Scientist

Areas of Expertise Covered

Freshwater Systems:

Limnology/Fisheries Wscience/Fisheries Ecology
Hydrology
Hydrogeology
Geomorphology
Riparian Ecology
Climatology
Information Systems/GIS
Integrative Modeling & GIS
Water Quality

Candidates

R. Smith, Arsuffi, Edwards, Williams, Hoeinghaus, Buzan, Webster
Vaugh, R. Smith, Lee, Su
Stewart

Estuarine Systems

Hydrology
Hydrodynamics/Physical Oceanography
Primary Productivity: Phytoplankton - Vascular Plants

Vaugh, Lee, Su

Dunton

Zooplankton

Benthic Ecology

Fisheries Science/Ecology
Estuarine/Coastal Ecology
Coastal Geochemistry/Biogeochemistry
Information Systems/GIS
Integrative Modeling & GIS
Water Quality

Stunz, Heaney
Buskey, Dunton, Stunz, Heaney, Buzan
Gardner, Shank
Freund
Freund
Freund