



**FRAME SURVEYING & MAPPING**  
609 A Street Davis, CA 95616  
530.756.8584 [jhframe@dcn.org](mailto:jhframe@dcn.org)

---

July 28, 2013

Justin Kable  
ASUCD KDVS  
347 Memorial Union  
One Shields Avenue – UC Davis  
Davis, CA 95616

Dear Justin:

This is to certify that the central booms of the KDVS antenna bays that were installed on the tower at the Yolo County Landfill near Davis, California (approximate NAD83 coordinates 38°35'46.67N 121°40'53.24W) on July 27, 2013 have an orientation of **N40°00'W**. This orientation is referenced to geodetic north as established by static GPS observations taken on local site control on June 4, 2013. (The difference between geodetic north and astronomic, or “true,” north is on the order of a few seconds of arc, and was considered insignificant for the purposes of this project.) The design orientation as provided by the antenna manufacturer (Jampro Antennas, Inc.) is **N40°00'W**. Thus the as-built orientation meets the requirement of being within 1 degree of the design value.

Please contact me if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to be 'JH' followed by a stylized flourish.

Jim Frame

