
1188 E. Main Street / Grass Valley, CA 95945 / (530) 273-7284 / FAX (530) 273-9507 / ELAP Certification No. 1936

Paradise Irrigation District
Attn: Rick Terrano
PO Box 2409
Paradise CA 95967-2409

CASE NARRATIVE

Job Number: 1090304
Sample Site: Replacement sampling event, 1/23/09
Date Received: 01/26/09

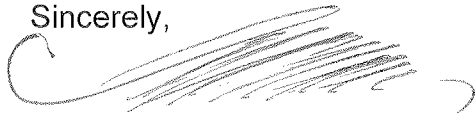
To Whom It May Concern:

The sample referred to above was submitted to Cranmer Analytical Lab for Total Coliform and E. Coli analyses. As indicated, this report was amended to reflect the invalidation of these results. The reasons for this invalidation are as follows:

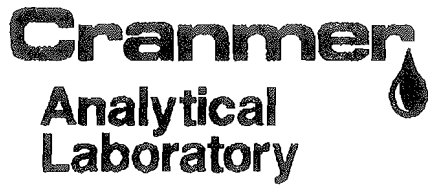
1. The poly-styrene sample containers were part of a suspect batch, Microtech Scientific Lot # R08271. The use of this sample container has been discontinued due to concerns over durability.
2. The samples were analyzed using Colilert-18, which requires pre-treatment of samples (bringing sample to incubation temperature prior to addition of media). This is accomplished via a hot water bath, which may have introduced contamination to a cracked sample container.
3. Given the lack of durability we have observed in this sample container, it is possible the sample containers suffered minor damage in transport due to excess headspace in the sample cooler. We have updated our sampling and transporting SOP to address this possibility.

Please do not hesitate to call me with any questions or concerns you have regarding this incident.

Sincerely,



Ken Neely, Laboratory Director



1188 E. Main Street / Grass Valley, CA 95945 / (530) 273-7284 / FAX (530) 273-9507 / ELAP Certification No. 1936

Paradise Irrigation District
Attn: Rick Terrano
PO Box 2409
Paradise CA 95967-2409

DATE REPORTED: 02/05/09
DATE RECEIVED: 01/23/09
JOB NUMBER: 1090304

AMENDED REPORT

Accompanying this cover letter are the amended analytical results for the project listed below.


Project Description: Replacement sampling event, 1/23/09

The following corrections were made to the report:

The results generated by the sampling event which occurred on 1/23/09 are being invalidated. We have reason to suspect the integrity of the poly-styrene bacteria sampling bottles used in this sampling event. The bottles, which are part of Microtech Scientific lot # R08271 (removed from distribution), are suspected of being compromised via fracture, thus enabling contamination. In the future, we will be using poly-ethylene disposable bacteria bottles, as we have found the poly-styrene to be too fragile for practical use. If you have any questions regarding the analyses, please feel free to contact the laboratory.

Thank you for choosing Cranmer Analytical Laboratory for your analysis needs.

Sincerely,



Ken Neely
Laboratory Director