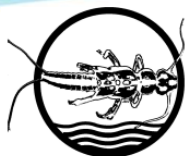


The Stream Team

October 2021 Newsletter



Joe Gleason
Volunteer Extraordinaire

*LAST 2021 MONITORING:
Saturday, October 9
at 9:00 a.m.!*

The Stream Team has collected nearly 20 years of baseline data on Big Chico Creek! Parameters include:

- pH,
- total dissolved solids,
- electrical conductivity, and
- dissolved oxygen

In addition, water flow is measured in cubic feet per second.

Each measurement is critical in understanding the general welfare of any waterway and the organisms that live there.

As the name implies, baseline data provides an image of what a waterway looks like when it is functioning normally. Aberrations can provide clues if something is amiss. Additionally, baseline data creates a picture that future generations can look at to compare against their current conditions.

Join us in our quest to help the future understand their past and for the present to preserve the now!



What does all this baseline data mean? Stay tuned for a special newsletter at the end of our 2021 Stream Monitoring Season to see the result of our work!



Question of the Month

Throughout our 2021 Stream Monitoring Season, this column has covered the particular data that we collect each month. This data is then compiled and formatted for easy year-to-year comparison.

This column has informed you about:

- TDS (Total Dissolved Solids),
- Turbidity,
- EC (Electrical Conductivity),
- pH (the Power of Hydrogen), and
- D.O. (Dissolved Oxygen)

Now...what does it all mean? And how can we communicate what it means?

Graphs. Graphs help us organize and analyze information in well-structured formats, making it easier to interpret data. Most people respond especially well to graphs and often understand the information better without pages of text.

Stay tuned for a special edition of this newsletter at the end of our 2021 Stream Monitoring Season to see graphed data as it applies to one of our ten monitoring sites.

If we hear that the graphs are useful to you, we can publish graphs for additional monitoring sites at your request.



It's always great to see new Stream Team Volunteers! Welcome, Chee Lo!,



Volunteer David Kehn and his moral support last month at 5-Mile. Welcome!

Thank You

Thank you for joining us during the 2021 Stream Team Monitoring season as we continue to experience, learn and understand the vital connections between our actions and a healthy Big Chico Creek system. We're looking forward to seeing you next year!