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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  |  |  |   **Data collected at the Arroyo Del Valle!**  Data 8\_2016 8\_15 (Mining Shut Off Flow) 8\_14 (Drought - No Flow) 9\_2013 9\_2012 8\_2011 8\_2010 8\_09 8\_2008  The goal of data collection while at the creek is to assess water quality and evaluate the overall health of the ecosystem. Chemical testing, observation of organisms , monitoring water levels, as well as the capture and release of indicator species are all employed. Students are divided into teams that will involve one or more of the tests described below. For information about the procedure or purpose of each of the tests simply click on the appropriate image.   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  | | [Nitrate](http://docs.google.com/nitrate.html) | [Phosphate](http://docs.google.com/phos.html) | [DO](http://docs.google.com/do.html) | [Conductivity](http://docs.google.com/conduct.html) | [pH](http://docs.google.com/ph.html) | [Temperature](http://docs.google.com/temp.html) | |  |  |  |  |  |  | | [Turbidity](http://docs.google.com/turbid.html) | [Productivity](http://docs.google.com/product.html) | [Plankton Net](http://docs.google.com/plankton_net.html) | [Kick Net](http://docs.google.com/kicknet.html) | [Seine Net](http://docs.google.com/seine.html) | [Dip Net](http://docs.google.com/dipnet.html) | |  |  |  |  |  |  | | [Humidity](http://docs.google.com/humidity.html) | [Succession](http://docs.google.com/success.html) | [Flow Rate](http://docs.google.com/flow_rate.html) | [Depth](http://docs.google.com/depth.html) | [Sediments](http://docs.google.com/creek_bed.html) | [Clean Up](http://docs.google.com/clean_up.html) |      |  | | --- | | Copyright © 2008 Amador Valley High. All Rights Reserved. Reproduction in whole or in part in any form or medium without express written permission of Amador Valley is prohibited. | |