## Phosphorus Movement in Lake Champlain Tributaries

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## **Mapping Total and Available Phosphorus**

- stream where sampling occurred in Google Earth to attach coordinates to these areas

• Obtained data from the RACC high school initiative that sampled along streambanks, riparian zones, and into the field in multiple streams throughout Vermont Cleaned up the data (identified the phosphorus data that were streambanks), converted this excel spreadsheet to a table ArcMap would understand, located region of

The final step was joining the table to the coordinates to output the above map of varying level of phosphorus that match with the area the sample was taken \* The goal was to compare this existing RACC data with the data acquired over the summer, however, that research is ongoing



## Map of Total and Available Phosphorus

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