

Buffer Tool

The purpose of this tutorial is to show the functionality of the Buffer tool. The Buffer tool is used to determine the resources that are located within a project pre-set from the project location.

1. From the Pear tool link (<http://10.112.66.31/createnewproject/>) enter the location and the subject area of a project.

New Project for the PEAR GIS Tool (JS Version)

Enter the PM limits

County: Route:

Beg. PM: End PM:

Select a Subject Area:

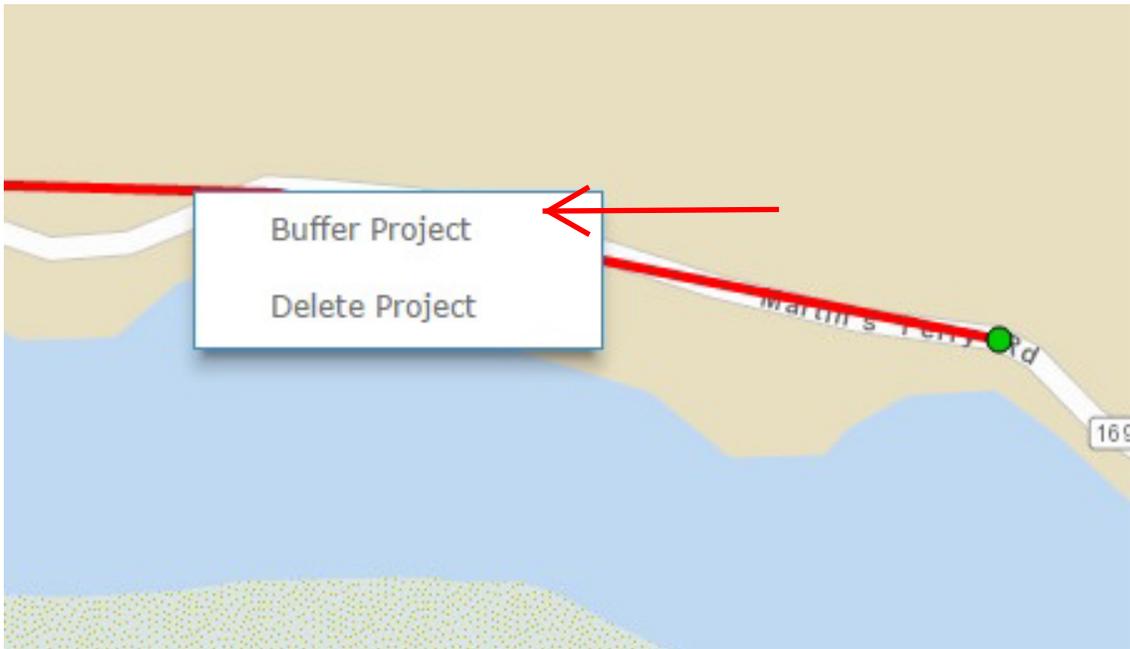
Enter a Project Description (optional):

Please disable the browser's pop up blocker!

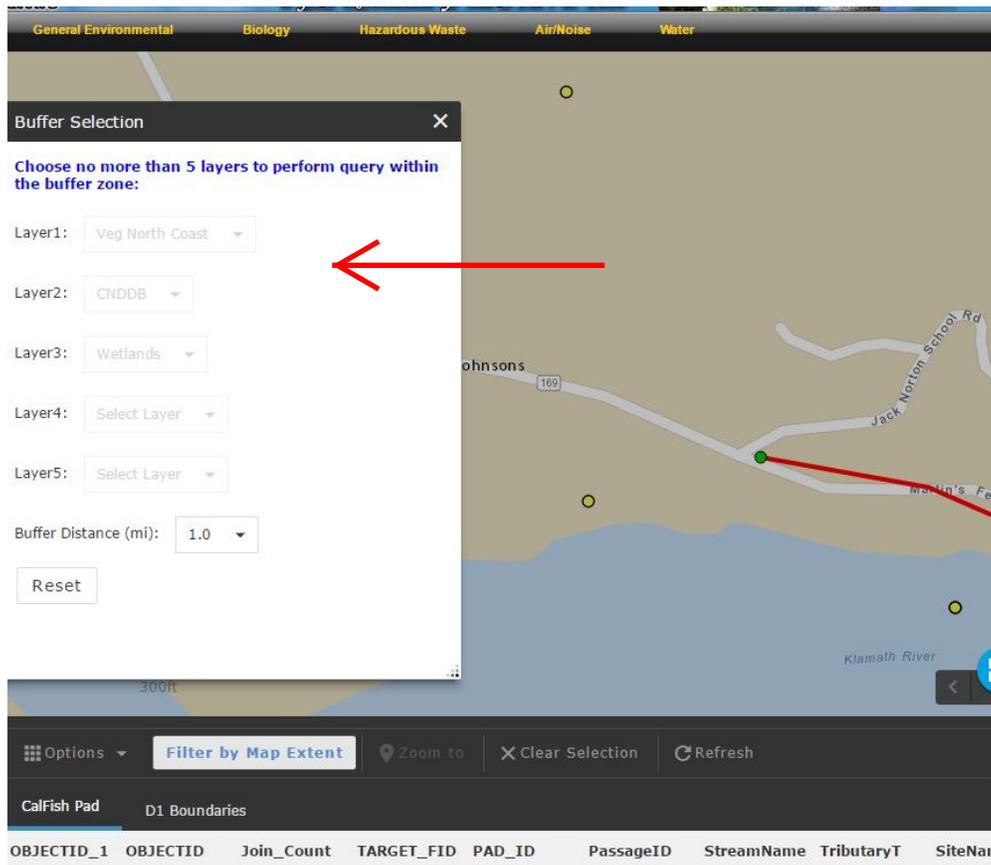
2. Once loaded, the map will show a thick red line, the project location.



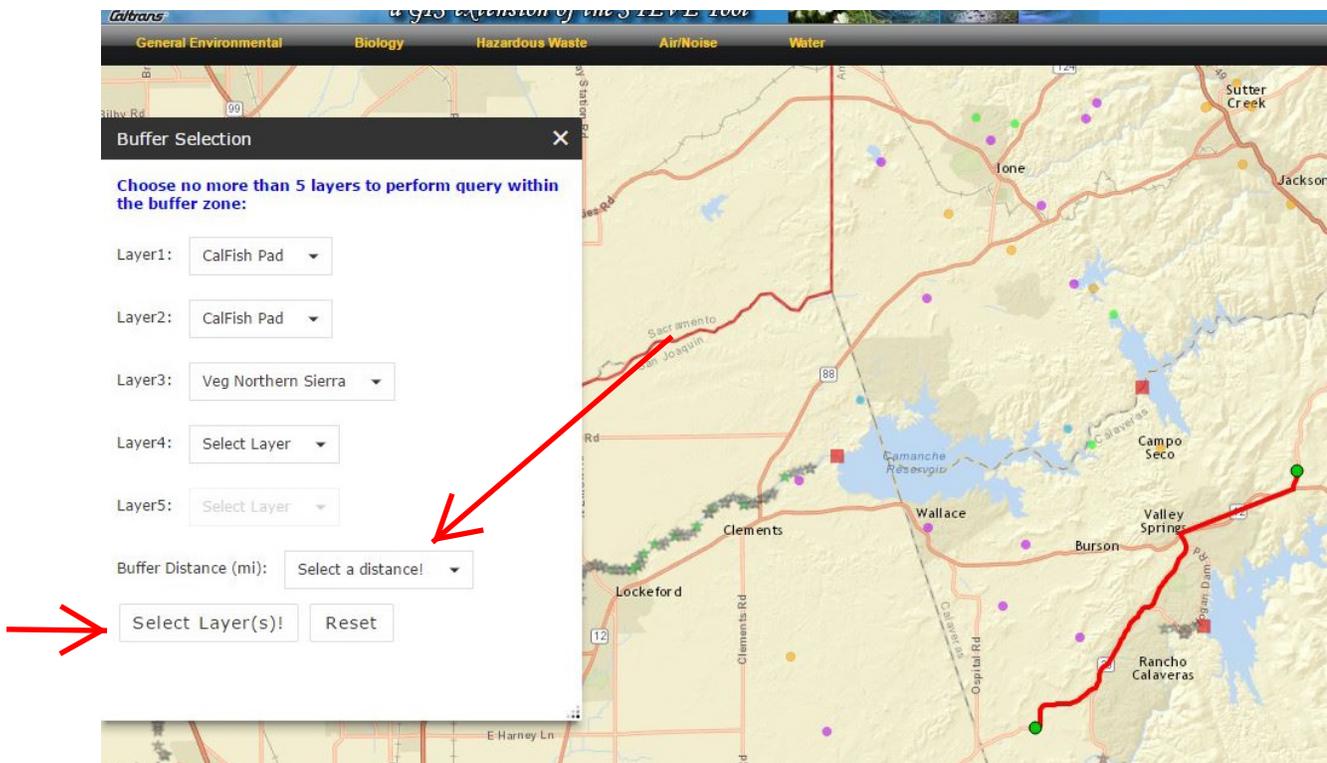
3. Right click on the project line, to see the "Buffer Project" popup and then click on it.



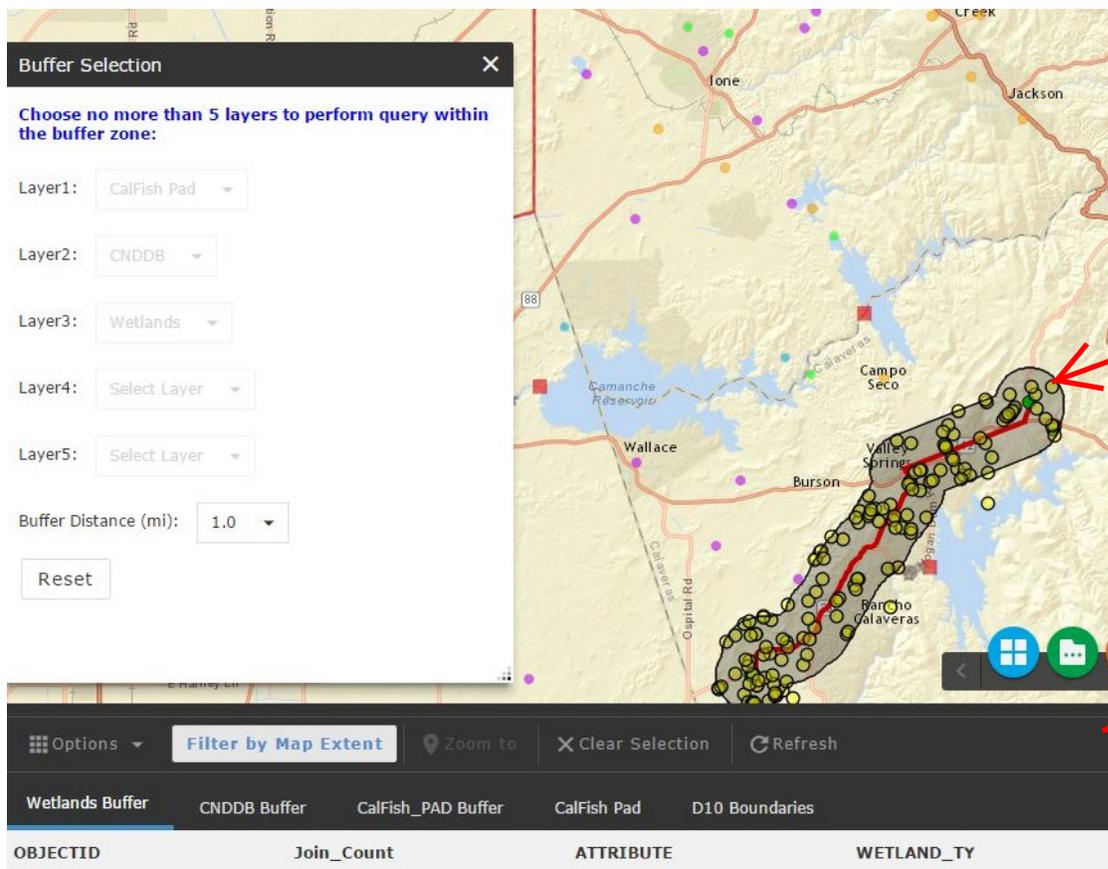
4. Next, the Buffer Selection popup will be displayed. The user can select up to 5 resource layers to be queried.



5. After making your selection of (up to 5) layers, select a Buffer Distance (mi) to search around the project area. Then, click the "Select Layer" button.



6. This will draw a buffer area around the project area within the buffer distance you selected; the Attribute table (AT) also opens at this time at the bottom of the page.



7. If features were found within the buffer zone, these features will be displayed in the AT under the layer name appended by "_buffer".

Layer4: Wetlands
 Layer5: Select Layer
 Buffer Distance (mi): 1.0
 Reset

Options Filter by Map Extent Zoom to Clear Selection Refresh

Wetlands Buffer CNDDDB Buffer **CalFish_PAD Buffer** Fish & Wildlife Lands Buffer CalFish Pad D1 Boundaries

OBJECTID_1	OBJECTID	Join_Count	TARGET_FID	PAD_ID	PassageID	StreamName	TributaryT	SiteName	SiteType	BarStatus
5858	5,858	1	5,857	706,191	7,567	Johnsons Creek (Johnson Creek)	Klamath River	subsurface flow	Non-structural	Temporal

5 features 0 selected

8. From "Options" on the menu bar you are able to export the information you compiled to a .csv file. Also, if you click on a single feature on AT you can then click on the "zoom to", to zoom in on the selection.

Layer4: Select Layer
 Layer5: Select Layer
 Buffer Distance (mi): 1.0
 Reset

Options Filter by Map Extent Zoom to Clear Selection Refresh

ern Sierra Buffer CNDDDB Buffer **CalFish Pad** D10 Boundaries

Join_Count	TARGET_FID	PAD_ID	PassageID	StreamName	TributaryT	SiteName	SiteType	BarStatus	Sp	
4,262	704,327	4,457	Calaveras River	San Joaquin River	Submersible Pump	Diversion	Unscreened			
4,264	4,264	1	4,263	704,328	4,458	Calaveras River	San Joaquin River	Centrifugal Pump	Diversion	Unscreened

2 features 1 selected