The Saco River Corridor Commission (SRCC) was established in 1973 by state legislation to regulate land and water uses, protect and conserve the region's unique and exceptional natural resources, and prevent the detrimental impacts of incompatible development. From 1973 to 2018, research of development projects within the Saco River Corridor required physically traveling to the SRCC office in Cornish, Maine to view the 1970-vintage hardcopy maps. There is now an alternative to traveling by accessing the maps online:

<u>https://srcc.maps.arcgis.com/apps/webappviewer/index.html?id=dca6fa639dbd4a29a24da4835f4aace6.</u> Using this multi-layered online mapviewer now offers desktop and mobile-device access to all the SRCC maps and more for residents, developers and town officials. Please note that due to rivers migration and data vintage can create slight inexact overlays.

This mapping product is for informational purposes and was not prepared for or suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries. The Saco River Corridor Commission makes no guarantee concerning the completeness or accuracy of the content. Assessing lot-by-lot accuracy of these maps is the responsibility of the user.





Page 1 of 4

SRCC, in coordination with RCAP Solutions-Maine (<u>http://www.rcapsolutions.org/maine/</u>) and using Environmental Systems Research Institute (ERSI) ArcMap, have created a geographic information system (GIS). Many map layers were obtained from various state and federal sources (<u>https://www1.maine.gov/geolib/catalog/index.shtml</u>). Important of these layers include:

- Parcels (2015)
- (https://www1.maine.gov/geolib/catalog/index.shtml)
- Only digital parcels that towns have uploaded to Maine geo-library are shown. Currently there are six towns without digital parcels (Brownfield, Cornish, Newfield, Parsonsfield, Porter and Waterboro). Contact RCAP Solutions to discuss the options to create digital parcel maps. Parcel maps have been scanned and geo-positioned on the desktop software but due to storage and costs these were not uploaded to the online version.
- Streams, Ponds

Roads

- (https://www1.maine.gov/geolib/catalog/index.shtml)
- Town Boundaries (<u>https://www1.maine.gov/geolib/catalog/index.shtml</u>)
  - (https://www1.maine.gov/geolib/catalog/index.shtml)
  - Conservation Lands(2018) (https://www1.maine.gov/geolib/catalog/index.shtml)
- FEMA Flood Maps
  - Zone A Areas with a 1% annual chance of flooding (also known as the "100-year floodplain") and a 26% chance of flooding over the life of a 30-year mortgage. Because detailed analyses are not performed for such areas; no depths or base flood elevations are shown within these zones.

(https://msc.fema.gov/portal/advanceSearch)

- **Zone AE** Areas that have a 1% probability of flooding every year and where predicted flood water elevations above mean sea level have been established. Properties in Zone AE are considered at high risk of flooding under the National Flood Insurance Program
- Zone AO River or stream flood hazard areas, and areas with a 1% or greater chance of shallow flooding each year, usually in the form of sheet flow, with an average depth ranging from 1 to 3 feet. These areas have a 26% chance of flooding over the life of a 30-year mortgage. Average flood depths derived from detailed analyses are shown within these zones
- Zone VE Coastal areas with a 1% or greater chance of flooding and an additional hazard associated with storm waves. These areas have a 26% chance of flooding over the life of a 30-year mortgage. Base flood elevations derived from detailed analyses are shown at selected intervals within these zones.

Layers that were constructed by RCAP Solutions with the guidance of SRCC are:

- Water Quality Sample sites
- SRCC 500 foot and 1000 foot jurisdictional boundaries
  - Using the Maine Geolibrary river data, 500ft and 1000ft radii were created off the Saco and major tributaries.
  - All property within the 500ft radius of the mapped rivers is under SRCC jurisdiction
  - Any property beyond the 500ft radius but within the FEMA floodplain and within the 1000ft river radius is under SRCC jurisdiction
- Development District categories



• GIS layers were hand digitized using SRCC scans of each town's Development Districts maps. Where towns had digital parcels, parcel lines were sometimes followed. Where there were not digital parcels, river boundaries on State River layer were followed. For both, the 500ft layer boundary for the interior boundary was followed and carried to the 1000ft outer boundary following FEMA outlines.



Figure 1: Basic Example showing "checked" layer list. User can choose what layer to see by checking each layer.



The following screen shots are examples of Using the Layer List – turning on/off layers. If the layer is on, when zooming into a location, layers and associated information will appear automatically. Also, legend colors may be slightly different on the map when overlaying several different colored layers.



Figure 2: SRCC 500ft and 1000ft river buffer



#### Figure 3: Development Districts



Figure 4: FEMA FIRM Layer



Figure 5: Showing all important layers: River buffers, Development Districts, FEMA, Parcels

