Cumulative Effects Analysis: 5-Step Process Checklist

1. Identify your cumulative effects analysis area by resource.

- ☑ **Use spatial boundaries that are resource-specific**
  For example:
  - Water Quality or Fisheries – Hydrologic Unit Codes (hucs)
  - Grizzly Bear – Bear Management Unit Subunit
  - Other species – equivalent area of home range
  - Air Quality – Subbasins (4th-code hydrologic units)
  - Recreation – area of unique recreational opportunity
  - Viewshed – meaningful area as seen from key observation points
- ☑ **Did you utilize these helpful tools for identifying boundaries?**
  - Scoping
  - Existing reports and analyses
  - Resource specialists
  - Known site characteristics

2. Identify ownership of parcels within the cumulative effects analysis area.

3. Identify Temporal Boundaries

- ☑ **Did you identify the following?**
  - **Past actions** – those still contributing effects to the existing resource condition
  - **Present actions** – ongoing contributions of effects to resource conditions
  - **Related future actions** – related by location or generic type and under consideration through pre-impact studies, separate impact statement evaluations, or permit processing procedures
- ☑ **Did you utilize these helpful tools for identifying boundaries?**
  - (See list for Step 1)

4. Summarize the *trend* of the cumulative effects on given resources

- ☑ **Did you describe how past and present actions within the cumulative effects analysis area are collectively affecting given resources?**

- ☑ **Did you describe how related future actions (other than the proposed action) are expected to contribute to or defy that trend?**

5. Identify how your project contributes to or defies that trend:

- ☑ **Within the cumulative effects analysis area and in light of past, present, and related future actions, are impacts from your proposed action measurable?**
  - Good indicator – if you have direct and indirect effects on a resource, your effects are likely measurable within the cumulative effects analysis area
- ☑ **If the cumulative effects are measurable, do they contribute to or defy the trend?**
  - Are those impacts minor, moderate, or high?
- ☑ **Did you quantify or explicitly explain the degree of any cumulative effects?**