



# Coeur d'Alene Lake Management



## Goal:

Protect water quality by managing nutrient inputs that may influence lake metabolism and the related solubility of metals found in lakebed sediments.

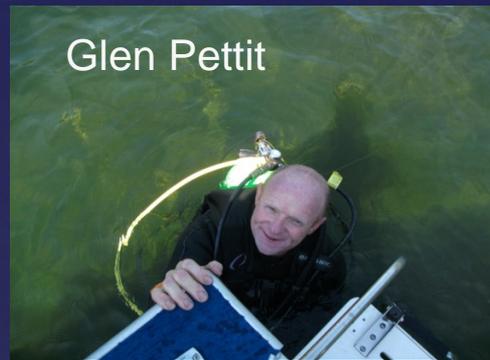
## Approach involves:

- *Science*
- *Nutrient reduction planning and projects*
- *Regional collaboration*
- *Education and outreach*

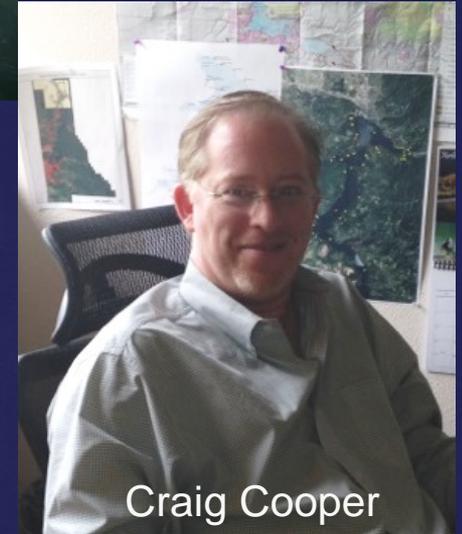
# Coeur d'Alene Lake Management Plan



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# Our Team



- Inventory Nutrient Sources
- Monitor nutrient loading
- Identify and prioritize nutrient reduction projects

## Nutrient Reduction Action Plan



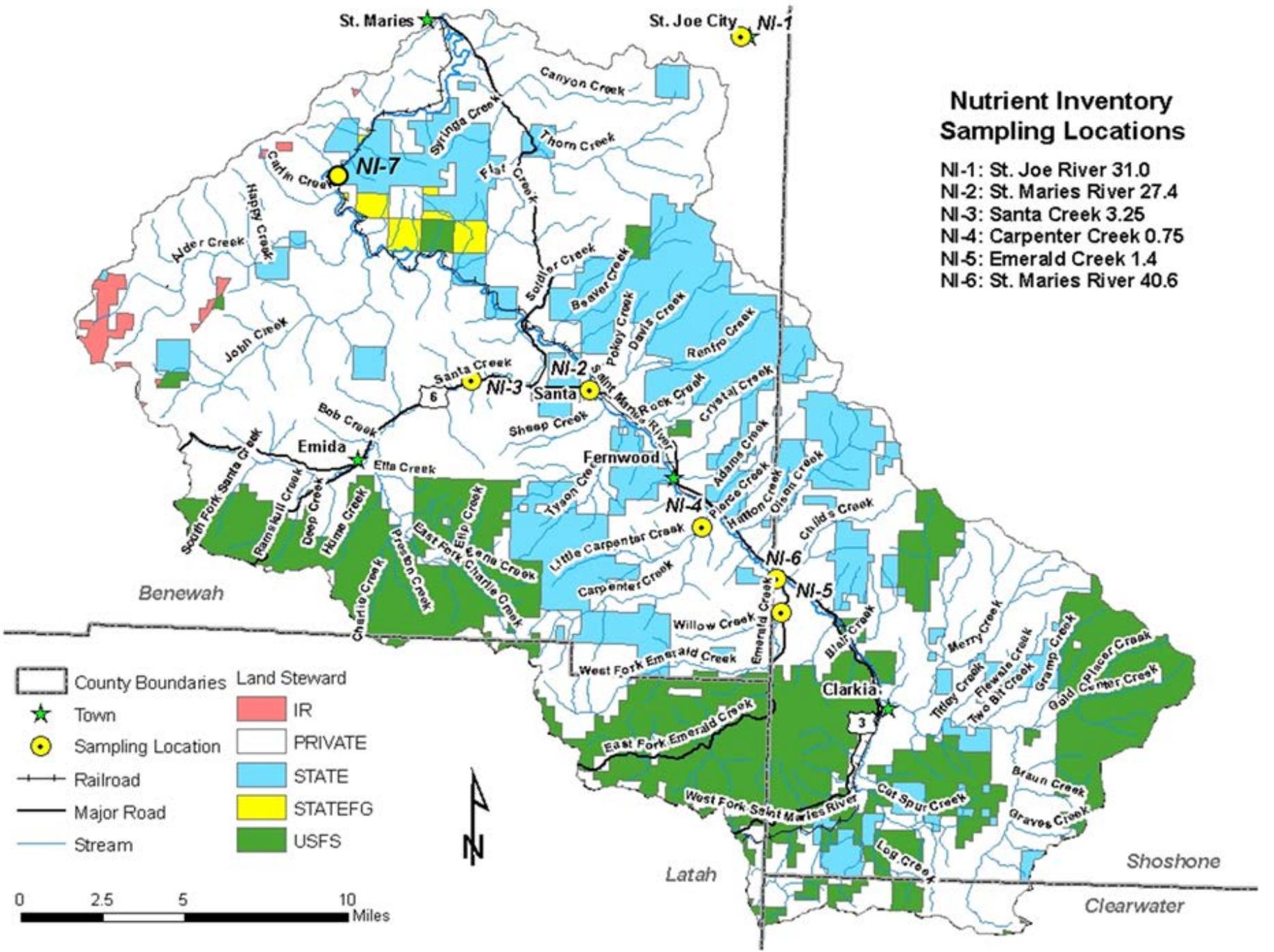
# Inventory Nutrient Sources

## 3-Year Nutrient Source Inventory – St. Maries/St. Joe Watershed:

- St. Joe larger overall than St. Maries
- Comparable in load/area
- More detailed study in St. Maries
  - Santa Creek
  - Carpenter Creeks
- Increased load in St. Maries River below Santa Creek

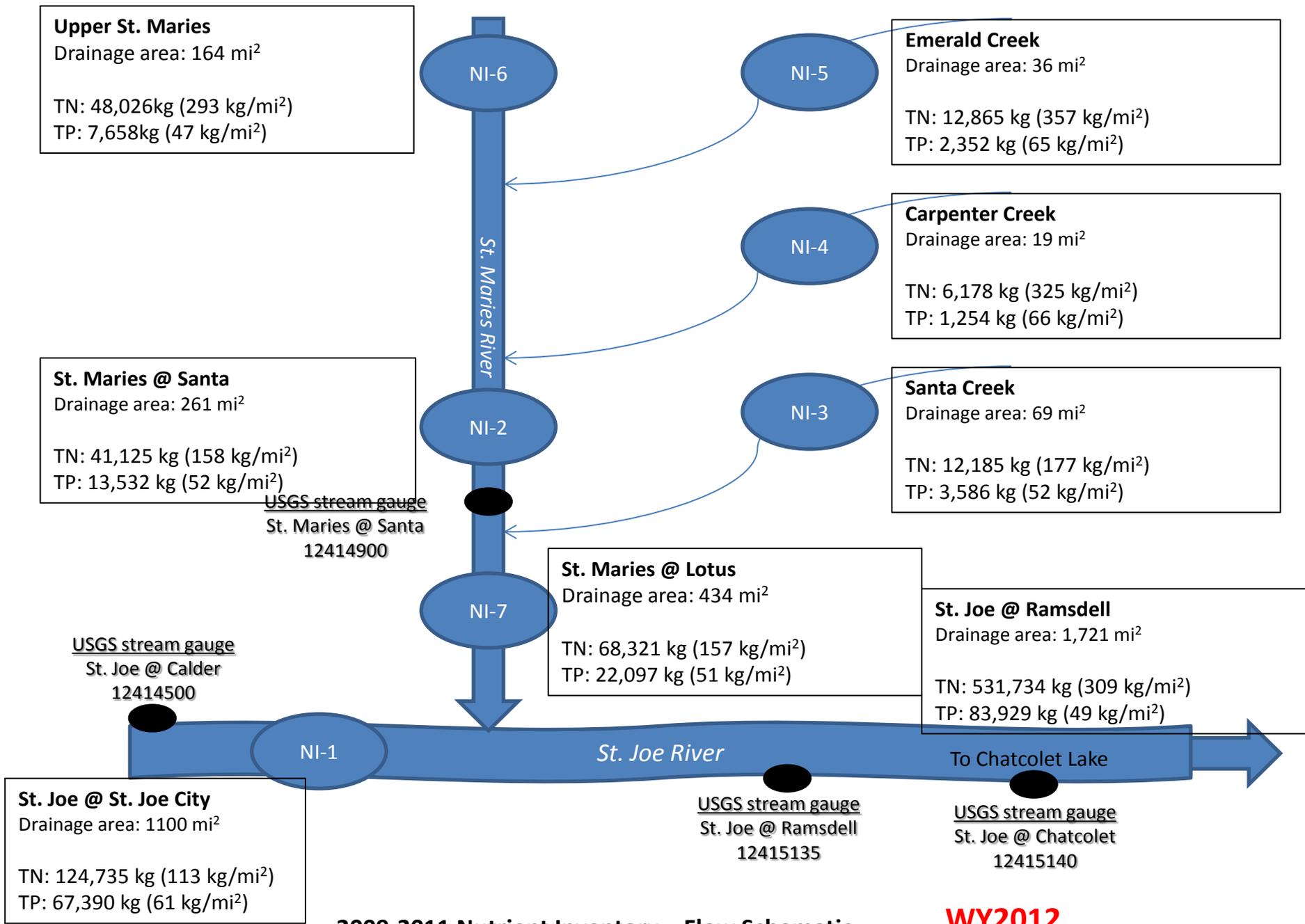
## Nutrient Inventory Sampling Locations

- NI-1: St. Joe River 31.0
- NI-2: St. Maries River 27.4
- NI-3: Santa Creek 3.25
- NI-4: Carpenter Creek 0.75
- NI-5: Emerald Creek 1.4
- NI-6: St. Maries River 40.6



|                   |              |
|-------------------|--------------|
| County Boundaries | Land Steward |
| Town              | IR           |
| Sampling Location | PRIVATE      |
| Railroad          | STATEFG      |
| Major Road        | USFS         |
| Stream            |              |





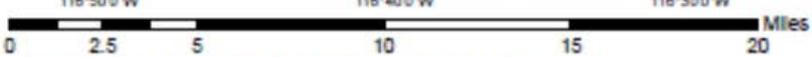
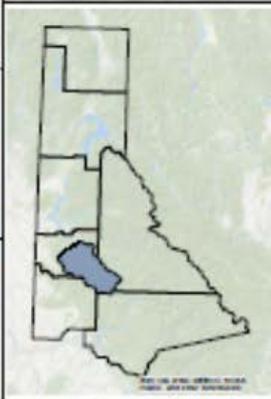
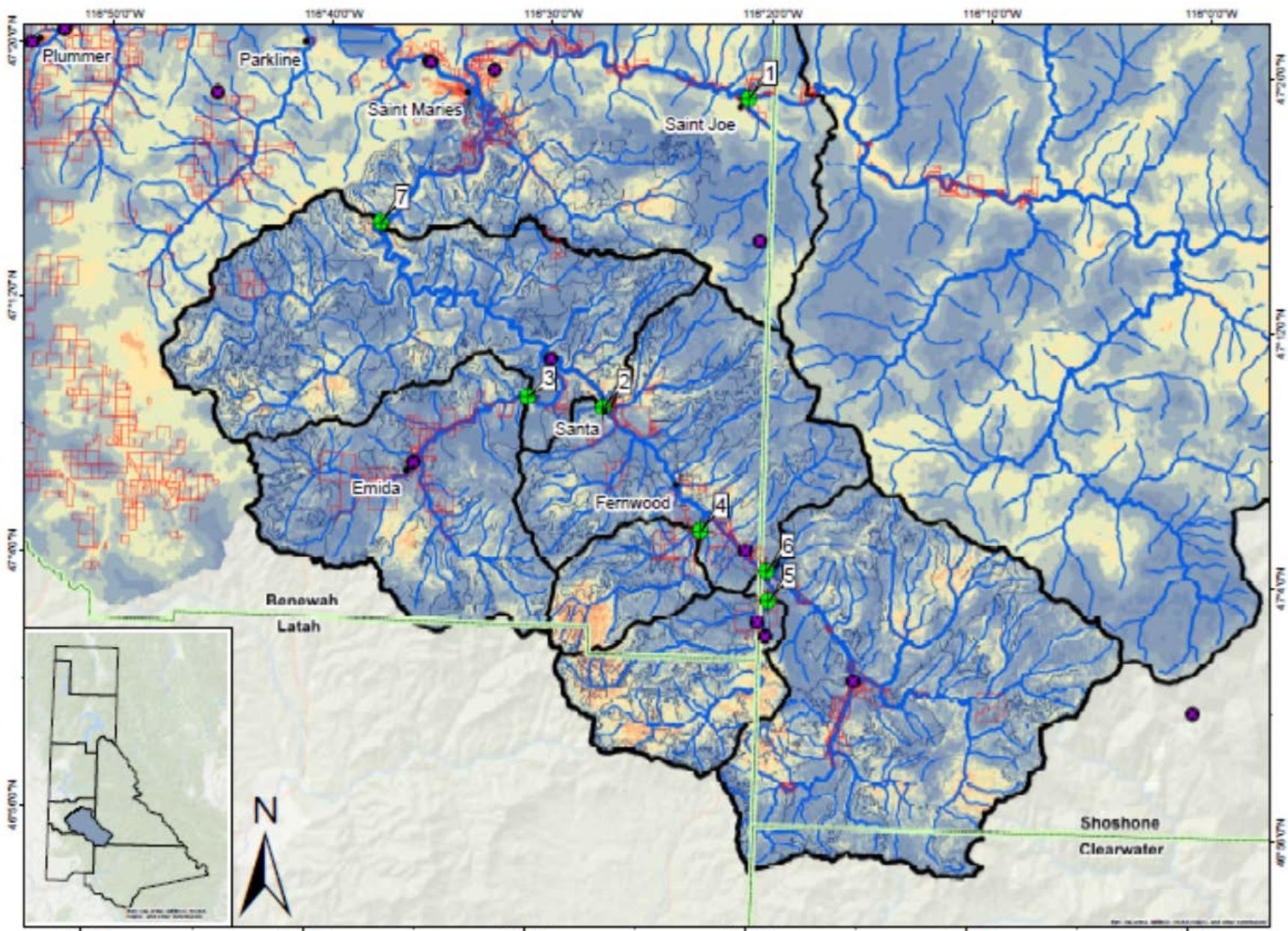
**2009-2011 Nutrient Inventory – Flow Schematic**

**WY2012**

*\*Note: Not to scale or geographically representative*

**(Oct 1, 2011—Sept 30, 2012)**

# Saint Maries Watershed - Loading Risk Assessment



Document Path: C:\Nutrient Sourcing\Nutrient Sourcing Map (2x3).mxd

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