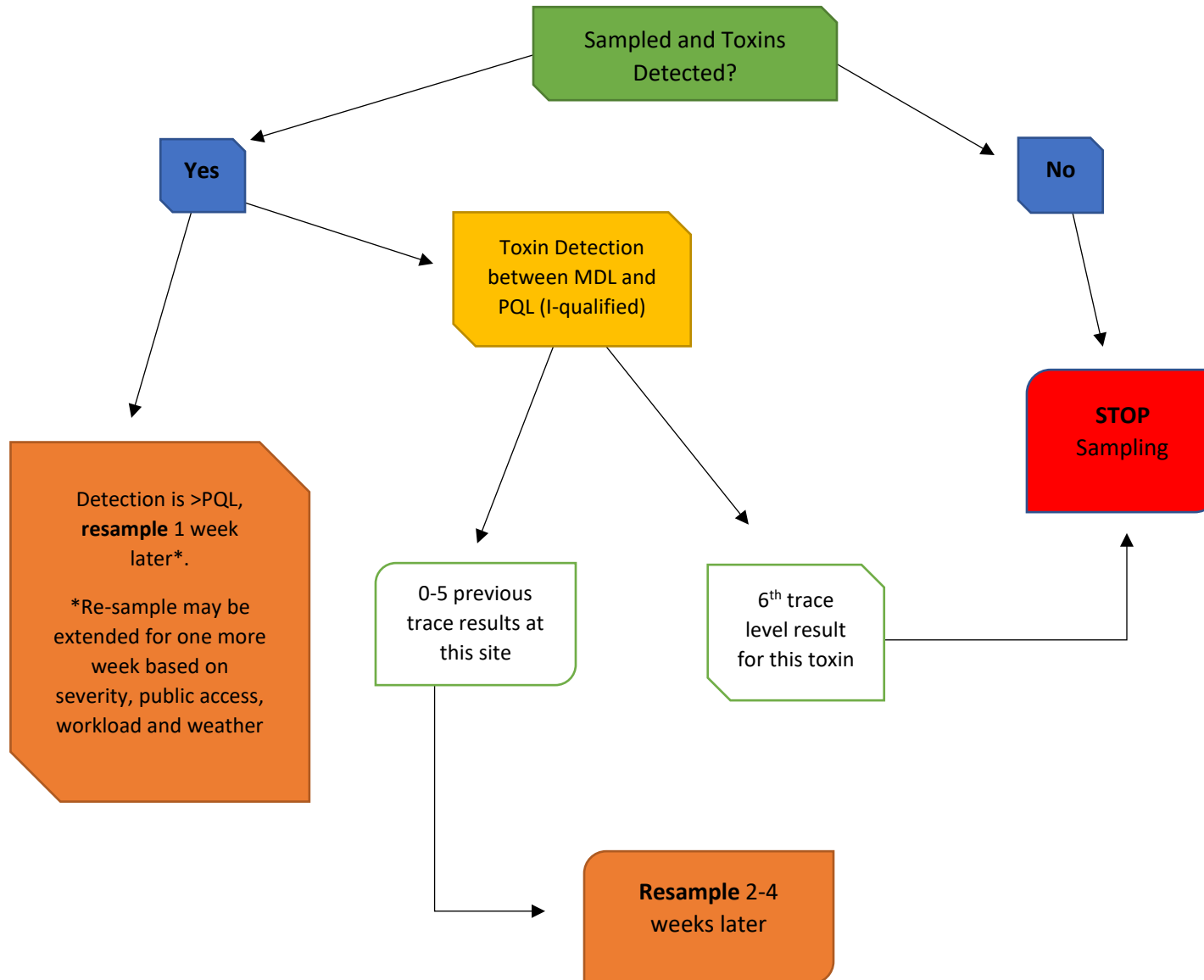


Algal Bloom Sampling Flowchart



This chart is subject to change and resampling timeframes are the goal – discuss with supervisor if timeframe is not achievable due to other priorities. Sites sampled with results of no toxins detected might warrant a resample given historical sampling results or a higher priority waterbody. Sampling frequency and overall duration of results with toxin detections greater than PQL will be based on the severity and public access of the given waterbody on a case by case determination

Algae Bloom Response Guidance

When we receive an algal bloom report, we collect a sample if the site meets our criteria (water of state, public access, etc – see training for those details). Resampling timeframes below are the target timeframes. Resampling is generally more urgent if detections are higher and/or it's a heavy recreation area. Once toxin results are received, follow this decision key to determine if you need to resample:

1a. Any toxin detected at any level - 2

1b. Stop sampling

2a. The detection is >PQL – resample the following week*

2b. The detection is between the MDL and PQL (trace level, I-qualified) - 3

3a. There have been 0-5 previous trace detections *for this toxin* at this site – resample 2-4 weeks later

3b. This is the 6th trace level result for this toxin - STOP