Aquatic Pest Control	
Federal category for commercial applicators	
Are any existing manuals/exams available?	NPSEC has an aquatic manual, unclear if truly national or specific to midwest (no national exam). Many state manuals.
Research notes: - Anything identified in the AAPCO survey? - What did you find online? - What did you learn contacting others?	There is great interest in "regional" versions of an aquatic manual. Florida is doing a Florida manual and in discussion with others plans to write a 'national' template with notes for regional variance. Expertise at the center for aquatic and invasive plants AND the UF pesticide information office will help facilitate a robust manual (housed in the same research center)
How many states/tribes use this category?	all (though some merge/split differently)
How national, regional, or local is the training material likely to be, for this category? For example, would you expect the training material to be similar in each state, or tailored to local pests/conditions?	Regional is possible and likely desired. Each region is somewhat unique in pests and types of sites, but lots of overlap. Regional seemed very well received and most states are likely to add very little of their own to the regional model.
How is the category lumped with other categories and/or split into several categories?	Mosquito, antifouling and sewer root sometimes lumped. Most common on its own.
The new competencies are described in 40 CFR Part 171.103(d)(5)	***Aquatic pest control.*** Applicators must demonstrate practical knowledge of the characteristics of various aquatic use situations, the potential for adverse effects on non-target plants, fish, birds, beneficial insects and other organisms in the immediate aquatic environment and downstream, and the principles of limited area application.
Are there emerging regulations or science in this area?	NPDES rule changes, new invasive species
Are there opportunities to reduce duplication of effort?	Yes
Are there critical items or methods needed to ensure accuracy/quality? Are there tripping hazards on the path to adopting the new/revised manual?	Ensuring proper capture of regional, or even state pest species. CAIP at UF well connected to national experts for reviews in each region.
Category required for applicators as described in 40 CFR Part 171.103(e)	***Aquatic pest control.*** This category applies to commercial applicators who use or supervise the use of any restricted use pesticide purposefully applied to standing or running water, excluding applicators engaged in public health related activities included in as specified in paragraph (h) of this section.

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Summary (1-3 paragraphs):

There was almost universal interest in a national manual, that is modified minimally for each region. The idea is to have 90% of the material the same, but alter the pests and some treatment sites to better fit each region. Several PSEPS in each region volunteered to review during the process and gather information relevant to their region. Many expressed a desire because there are applicators in their state, but very little true expertise. Florida is unique in that an entire research center is devoted to aquatic plant management. At the center there are 4 full time faculty devoted to that endeavor, a federal US Army Corps of Engineer researcher stationed on site, the PSEP for Florida on site, all collaborating together. Florida has more aquatic applicators than any other state, so will be doing a manual regardless, but with my involvement are happy to additionally prepare regional support as well.