

NutrientSmart (NSmart): a proposed program to recognize partners in nutrient load reduction



NSmart's Goal: The proposed program's goal is to encourage and recognize the adoption of enhanced nutrient management practices by water resource recovery facilities (WRRFs) and their communities. It would also acknowledge work that has been done to date and facilitate further efforts through peer to peer, information sharing to members, and watershed approaches.

NSmart Participants: Participation in the program would be voluntary and will be piloted with WRRFs. The program has two components. The first, focuses on utility community engagement through outreach. The second, focuses on nutrient reductions of total nitrogen (TN), total phosphorus (TP), or both (TN & TP). The reduction of TN and/or TP would be based on influent and effluent measurements, or in the case of watershed approaches through plans and appropriate modeling, and would be used to determine the utility's acceptance into the corresponding program tier (Silver, Gold, Platinum). Additionally, NSmart would recognize those implementing innovative methods that achieve high levels of nutrient reductions with "NSmart Innovator" status.

NSmart Collaboration: NSmart will complement the Secondary Treatment Survey, which is a tool used to gather information from WRRFs on best practices and technologies for secondary treatment. The pilot NSmart program will recognize municipal water resource recovery facilities and their communities; however, the program is designed to be kept broad, so it may expand to incorporate other industries and entities in the future.

NSmart's target launch date is 2019 if there is sufficient interest. Please send questions and comments to Mary Reiley (Reiley.Mary@epa.gov).

Informational & Interest Webinars - 2 to choose from



April 10, 2019, 1 - 2pm EDT

April 11, 2019, 3 - 4pm EDT

A yellow starburst graphic with a white outline, containing the text "Be NSmart!" in a blue, bold, sans-serif font. A white arrow points upwards from the bottom of the starburst towards the text.

Be NSmart!

