

## AMSA BLENDING SURVEY

AMSA's position is that "blending" (also referred to as "recombination", "slipstreaming", and "internal bypassing") is a long-standing practice that has been permitted and funded federally. AMSA would like to demonstrate that this reinterpretation is contrary to EPA's long history of authorizing such practices. Please help us by completing this blind survey *by Friday, February 26* and fax to Greg Schaner at 202/833-4657. Please contact Greg at 202/296-9836 or by email at [gschaner@amsa-cleanwater.org](mailto:gschaner@amsa-cleanwater.org) if you have any questions.

**Blending:** The practice of "blending" involves the diversion of wastewater flows around one (1) or more treatment processes, followed by the recombination of the diverted flows with the flows that have undergone full treatment, and by the subsequent disinfection of the recombined flows prior to discharge to meet effluent limits.

1. Is your treatment plant designed to blend wastewater flows during certain wet weather conditions?

**YES** \_\_\_\_\_ **NO** \_\_\_\_\_ **UNKNOWN** \_\_\_\_\_

2. If so, was your treatment plant originally designed to blend?

**YES** \_\_\_\_\_ **NO** \_\_\_\_\_ **UNKNOWN** \_\_\_\_\_

Or, was it redesigned to blend?

**YES** \_\_\_\_\_ **NO** \_\_\_\_\_ **UNKNOWN** \_\_\_\_\_

3. In an average hydrologic year, how frequently do you use blending to address wet weather flows?

**1 - 10** \_\_\_\_\_  
**11 - 20** \_\_\_\_\_  
**21 - 30** \_\_\_\_\_  
**31 or more** \_\_\_\_\_ (specify)

4. Based on your answer to # 3, what is the estimated volume of wastewater (in millions of gallons) that is blended in an average hydrologic year.

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5. What is your treatment cost per gallon in dry weather?

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6. Does your NPDES discharge permit specifically authorize the use of blending to meet secondary treatment standards?

**YES** \_\_\_\_\_ **NO** \_\_\_\_\_ **UNKNOWN** \_\_\_\_\_

7. If not, did you include information relating to your plant's blending practice in any prior permit applications?

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8.           **YES**   \_\_\_\_\_           **NO**   \_\_\_\_\_           **UNKNOWN**   \_\_\_\_\_

Did you receive federal or state construction grants to construct your plant for blending?

**YES**   \_\_\_\_\_           **NO**   \_\_\_\_\_           **UNKNOWN**   \_\_\_\_\_

9.    If EPA determines this practice to constitute an illegal bypass, would this pose a compliance problem for your facility?

**YES**   \_\_\_\_\_           **NO**   \_\_\_\_\_           **UNKNOWN**   \_\_\_\_\_

10.   If you could not employ blending to handle wet weather flows, the likely outcome(s) would be (check all that apply):

- G**    bypass of raw sewage before the headworks;
- G**    surcharging in the collection system;
- G**    basement flooding;
- G**    wash out of biomass and solids from the treatment facility; and/or
- G**    decreased treatment efficiency and possible exceedance of permit limits.

11.   If blending was not allowed and you had to provide full secondary treatment and disinfection to all the wet weather flows that you currently treat through blending, what would be the estimated capital and O&M costs for this treatment option?

\_\_\_\_\_

12.   If your treatment plant is not currently designed to blend wastewater flows as defined above, is your plant designed to conduct similar diversions and recombinations? If so, please describe:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

13.   If you don't do anything like this now, would you want to be able to in the future?

**YES**   \_\_\_\_\_           **NO**   \_\_\_\_\_           **UNKNOWN**   \_\_\_\_\_

**Contact Information** (not to be included in survey analysis)

Name:                    \_\_\_\_\_

Agency:                \_\_\_\_\_

Phone/Fax/email:       \_\_\_\_\_

*AMSA BLENDING SURVEY (cont'd)*

*PLEASE FAX COMPLETED FORMS TO GREG SCHANER AT 202/833-4657  
by no later than Friday, January 26*