

Mike Mullaney
R & D Module
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returns to normal. This may or may not be acceptable, depending on the process involved.

Beyond communicating the effects of the pH rise to the customer, we have developed a pH controlled carbon that is approximately one month from commercialization that may help in some situations. This new carbon will buffer the pH of a stream, control metals leaching, and can be used as both virgin and react carbon. It has three limitations: 1) it must be shipped wet; 2) it must be bought in bulk; and 3) it has no alkalinity control. A second generation carbon of this type (called pHA, for pH and alkalinity) is approximately two years from commercialization, but will have none of the above restrictions.