



CONCRETE RECLAIMERS

pH Control Application Data

Please provide answers to the questions below. Your answers will help us determine the best model to use.

Name: _____ Company: _____

Plant Address: _____

email: _____ Tel: _____ Fax: _____

Type of Plant:

We wish to adjust pH of water contained in:

Ready-Mix

Pit System No. of Bays in our Pit System: _____

Precast

Stormwater/Plant Run-off/Retention Pond

Other: _____

Other: _____

1. Controlling pH in a PIT SYSTEM

Please provide sketch [provide on separate sheet] or CAD layout of existing Pit System.

[NOTE: you can email CAD files in dwg or dxf format to sales@bfktech.com]

Dimensions are important to enable us to calculate total number of Gallons in the system, as well as total Gallons that need to be treated.

- Please **dimension each bay**, include overall length, width and depth.
- Please **locate and dimension the weir(s)** in the pit walls (width and depth).
- Please **note** on sketch/drawing which **bay is used for washout**, and which **bay contains a pump** (if any) used to take on water for washing-out or pumping to a reclaimer/recycler.

1A. Please check all that apply:

- We wash-out into the pit bay(s) directly from our equipment [mixer trucks, mud buckets, etc.]
- We pump water from the pit system to use as rinse/washout water, so total amount of water in pit system remains (fairly) constant
- We use fresh water to rinse/washout, so we are continuously adding more water to the pit system
- We wash-out into a Reclaimer that is discharging into our pit system

Please describe your Reclaimer: [manufacturer, make and model are best, if known. Please also list the flow capacity from the nameplate or technical specs of any pump(s) used in your pit system]

1B. Please specify:

Approx. Total amount of Waste Concrete Washout per day into Pit System: _____ Yds³ or M³

If Ready-Mix, total number of Mixer Trucks operating at this location each day, max. _____

Special considerations? _____

1C. Check which one applies to your current pit system

- Only one bay is used for concrete washout while the other bay(s) simply collect the overflow slurry/water. *Please mark the washout pit on the system sketch*
- We washout into any of the bay(s) depending on how full of solids they have become.

1D. Check one:

- We have an overflow pit for excess water to flow into, that is not part of the normal pit system flow
Please identify and dimension this overflow pit on sketch/drawing, and list volume, if known: _____ Gallons or Liters
- If we have excess water, we pump it out of the pit system into a tank
Total Tank Volume: _____ Gallons or Liters
- If we have excess water, it runs out of the pit system into our retention pond.

2. Controlling pH in a POND

In many cases, pH can be controlled in your Retention Pond.

Please provide sketch of existing Pond, include overall dimensions and total volume.

When our Retention Pond reaches capacity, our water goes: _____

3. Your Goal

Please describe your objective(s) for controlling pH.

We wish to:

Re-use *Check all that apply*

- _____ Aggregate pile cooling
- _____ Dust Suppression
- _____ Back in Batch Plant
- _____ Mixer/truck wash water
- _____ Other: _____

Other:

Discharge (with proper permitting)

Please answer as completely as possible, and return to BFK via Fax or Email, listed at the top of page 1.
