

Sent: Thursday, February 02, 2012 6:35 PM

Subject: FORUM Q&A: WHAT CAUSES CARBON FINES POST MEGACHAR ?

[100+SED COVERED IN CARBON.JPG](#)

NEW CONSTRUCTION SITE OF SWEETSTAR INSTALLATION. ISSUE IS PERIODIC BURST OF CARBON FINES INTO 1200+24K'S 100+SED SUPER QUAD PREFILTER (SEE ATTACHED)

-----Original Message-----

From: Alfred J. Lipshultz [<mailto:alfie@aquathin.com>]

Sent: Thursday, February 02, 2012 9:19 AM

To: 'Tom H'

Cc: TALBOT, JAMIE -- AQUATHIN HQ (jamie@aquathin.com)

Subject: RE: Coconut creek issue.

Good Morning Tom;

Thank you for your email. The 100+SED Super Quad Prefilter shows carbon fines vs. granules. In the rare instances we see this, always a result of 1 or more of the following:

1. Water pressure cycles i.e. off / on, or negative pressure formed in building, hammer.
[***Tom confirmed this is the problem...pressure cycles 5-70 psi, and possibly intermittent negative. See also #7 below***]
2. Drain line kinked, or obstructed, or tied into softener drain vs. independent, or outlet won't accept complete 5 gpm flow.
3. Distributor tube not fully inserted into head or 2nd tank adaptor.
4. Even more rare, head missing an o-ring where distributor tube inserts.
5. Distributor tube not inserted straight resulting in side loading o-ring in head.
6. Tank was laid down resulting in shift of pea rock underbed and therefore not fully covering bottom basket.
7. With all that construction going on, there could be air chronically re-introduced to the tanks resulting in fluffing the bed. Each backwash rids the tanks of air, but we'll have to live with the scenario until construction is over.
8. To review, before starting the RO, the AquaShield + Tank 1 BFF + Tank 1 ASC are flooded...then BFF and ASC are backwashed / regenerated, followed by same for Tank 2 each system. If those 1st steps weren't completed, then the SYNASC has carbon fines in it too, and requires extra backwashing.

Warmest regards,

Alfie

-----Original Message-----

From: Tom H

Sent: Wednesday, February 01, 2012 6:44 PM

To: Alfred J. Lipshultz

Subject: Coconut creek issue.

Alfie,

We are having problems with carbon entering the RO's 5 micron filter.

Both carbon tanks have been back washed 6 times and the filter replaced three times now. Nothing seems to be helping.

Direction please.

Tom