

Glen Geurts

From: Glen Geurts <Glen.Geurts@hvmsd.org>
Sent: Thursday, July 23, 2015 11:30 AM
To: 'David Casper'; s.giebel3101@gmail.com; 'bsieb17204@aol.com'; 'kcoffey238@gmail.com'; pathennessey@yahoo.com
Cc: 'Kevin Skogman'
Subject: Equipment Replacement

Gentlemen;

For your information.

The jet-mix pump unit in Actiflo experienced motor and bearing failure due to rag material buildup on the shaft causing excess stress on the long shaft and bearings in the drive motor. This is a recurring problem with the units. We have been replacing about one motor unit per year at \$8000. This time the entire unit is beyond repair. The cost of a complete replacement unit is \$18,000.

With the unit out of operation, we have to revert to feeding ferric sulfate chemical at an alternate location. The feed location requires us to feed significantly greater quantities of ferric to achieve adequate treatment.

I have explained the circumstances to Dave Casper and have received authorization to immediately purchase a replacement.

The manufacturer of the mixer unit has developed a new style unit with a shaft coupling between the mixer head and motor. This will reduce the stress on the motor bearings, which should extend the life of the units, and allow on site replacement of wear parts. We will purchase the updated model.

Glen Geurts

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