

INDUSTRIAL WASTE TREATMENT



CASE HISTORY

Startup of Wastewater Pilot Plant for Educational Observation



DATE

October 2016-Present (2019)

LOCATION

Saguenay, Quebec

CUSTOMER

Cégep de Jonquière (Quebec College)

PRODUCT

BCP50™

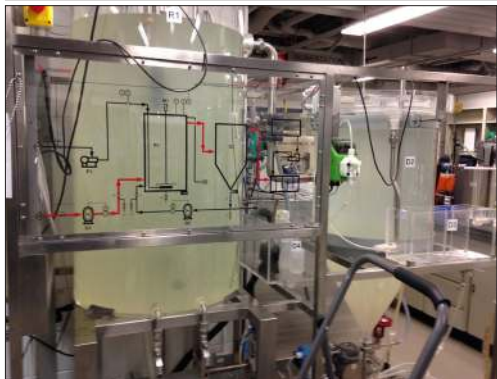


PROBLEM

The college needed to create activated sludge to start up a small secondary wastewater treatment pilot plant that would be used for student observation. The college shuts down the pilot plant every summer and has to restart it again for classes in the autumn.

APPLICATION

Bionetix® recommended the use of BCP50™ because it is made for municipal wastewater treatment. BCP50™ is added to the aerobic reactor tank every year, with dosage based on the pilot plant flow rate.



CONCLUSION

The college was able to create the right amount of sludge (MLSS) to proceed with their pilot plant project and reach the desired state in the reactor. The students subsequently studied the wastewater treatment system, taking daily measurements of flow, pH, oxygen, aeration, COD, and other factors for educational purposes. As of 2019, the college has continued to request samples of BCP50™ to restart the pilot plant every year.

ch030 9/2019

Printed on recycled paper  100% Post Consumer

©2019, Bionetix® International. All Rights Reserved. Copying and or manipulation of these materials in any form without the written authorization of Bionetix® International is strictly prohibited. ISO Accreditation applies to Bionetix's processes only.