



Let the bacteria do the dirty work.

BioPetroClean News

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QUICK THOUGHT FROM DAVID AMIR

"The agreement signed with Dow is a clear indication of BPC's advantages and added value to the oil and gas industry."

SHOW INVITATION

VISIT US IN FRANCE AT THE
POLLUTEC EXHIBITION FOR
ENVIRONMENTAL AND
ECONOMIC CHALLENGES



A MESSAGE FROM DAVID AMIR, CEO



Dear Friends,

It is my pleasure to share exciting news with you. In the past quarter BioPetroClean has signed a commercial agreement with The Dow Chemical Company.

We are now focusing our efforts and resources in walking the first steps together and getting prepared to face new customers in North America. This collaboration will position BPC as the best-in-class solution for refineries.

In parallel to the establishment of the new relationship with Dow, BPC continues to develop the channels in other territories. These efforts are evident from our recent installations in India and in South Africa.

The achievement with Dow and our other projects is testament to the potency of BPC's technology and the people behind it. I personally thank everyone for all the hard work and for making this past quarter an outstanding success!

I am confident that BPC will continue to experience rapid growth in the next quarters and further secure our product's premier position in the market.

Best Regards,

David Amir

PRODUCED WATER-CASE STUDY

Produced water (also called: drilling water) is water trapped in underground formations brought to the surface in the process of oil and gas extraction. The drilling market owns by far the largest volume of byproduct or waste stream associated with oil and gas production. After separating as much crude oil as possible, the remaining wastewater requires cleaning, to eliminate all additional unwanted compounds. This step is necessary before it can be re-used for repeated cycles of petroleum extraction. The annual volume of produced water is estimated at 77 billion barrels (bbl) and is expected to grow exponentially in the coming years.

PRODUCED WATER TREATMENT



The characteristics and physical properties of produced water vary considerably. These depend on the geographic location of the field, the geological formation with which the produced water has been in contact with for thousands of years. Produced water properties and volume can also vary throughout the lifetime of the reservoir.

The variation in the contaminants composition and concentration of produced water, can present an ecological threat as well as an operational challenge. BPC's Automatic Chemostat Treatment (ACT) technology offers an elegant solution for this highly contaminated water. The bacterial cocktail is kept at very low concentrations and is specifically dedicated to the treated water. In addition, an automatic control unit constitutively monitors the influent, resulting in a more stable biological system.

The advantages of BPC-ACT technology for produced water treatment were demonstrated in a pilot that took place in one of the drilling sites in Ahmedabad, India. The goal of this project was to build a cascade system which produces clean water according to the client's dictation.

In addition, BPC aimed to gain a better understanding of the parameters required for a final system implementation, as well as acquiring information needed for site preparation (Knowing the local staff, site organization, contractors, etc.). Following the biological treatment, the water flowed through a clarifier, ultrafiltration and bacterial disinfection. The water was sampled during the biological treatment where the environmental parameters, as well as the contamination level were measured. The final results exceeded the legislative requirements, with turbidity of 0.6 NTU, filterability of 5.12 lit/30min, TSS of 0.96 ppm and SRB (Sulfate Reducing Bacteria) of less than 2 counts/100ml. It is worth mentioning that during the project, there was a monsoon that resulted in an effluent upset. However, the ACT system succeeded in yielding similar satisfying results in the treatment of these waters as well.

Following this pilot, BPC is now planning the constructions of a full implementation of the ACT biological treatment in this site.

PARTNER COMPANY PROFILE



BIOPETROCLEAN AND THE DOW CHEMICAL COMPANY JOIN FORCES

Early in the fall of 2009, BPC successfully inked a major distribution deal, with industry leader, the Dow Chemical Company (NYSE: DOW). The agreement will allow Dow to market the BPC-ACT solution. Initially, Dow will focus on the US refinery industry, but has plans to rapidly expand the program to international markets.

Working with Dow gives BPC's technology a respectable exposure to potential clients of the oil industry. As David Amir, CEO of BPC explains, the "selection of the BPC solution by a worldwide leader such as Dow is a great endorsement that can enable massive deployment of our new and exciting technology." This is expected to provide a major boost for BPC's activities.

Both companies foresee that the combination of BPC's innovative clean technology and Dow's global reach will provide tremendous benefits for current and future clients. "Dow BPC Water Treatment System has immense potential for communities, the oil and gas industry, the environment and our business," says Janet Gisselman, president and general manager of Dow Oil and Gas. The company's ACT solution is now primed to make a big splash in the global petrochemical wastewater space.

**BPC AND DOW ARE
PREPARING FOR LONG TERM
PARTNERSHIP**



PRESS HIGHLIGHTS

BPC PRESS FOR Q3 2009

Reuters Covers BPC - Dow Chemical Agreement September 15, 2009

Cleantech startup BioPetroClean (BPC) said on Tuesday it has signed a global distribution agreement for its wastewater treatment systems with The Dow Chemical Company (NYSE:DOW). The agreement with Dow will help enable massive deployment of BPC's technology, said David Amir, chief executive officer of the three-year-old Houston-based company, which undertakes its research and development in Israel.



REUTERS

Need to Know September 16, 2009

BioPetroClean: The US group, which uses biological wastewater treatment for industrial sites, said that it has signed a global distribution agreement for its treatment systems with Dow. BPC undertakes its research and development in Israel.

TIMESONLINE

Bioremediation: Wastewater treatment is small-scale installations

September/October 2009

BioPetroClean's Automated Chemostat Treatment (ACT) method of bioremediation is now being offered to diesel power plants, replacing the filtration process. ACT is a technology with a proven rate of efficiency and ease-of-use.

Filtration+
Separation.com

Gobbling up the dirt in water September 17, 2009

"...the technology is so effective that \$57.5 billion industry giant Dow Chemical just announced a global commercial agreement whereby it will market and distribute the Dow-BPC Water Treatment System internationally. The agreement includes exclusivity across significant oil drilling and refining markets."

ISRAEL21c
A Focus Beyond

BioPetroClean Cleans Up With Dow Deal, To Raise About \$10M

September 16, 2009

Industrial wastewater treatment technology company BioPetroClean scored its first big partnership in the form of a distribution deal with Dow Chemical Co. Under the agreement, Houston-based BioPetro said Dow will market the Dow BPC Water Treatment system to refinery and produced-water markets with exclusivity in various regions.

DOWJONES

PILOT INVITATION

VISIT US AT OUR DOW PILOT

BPC is pleased to invite you to attend a live demonstration of the DOW-BPC Wastewater Treatment System to be held in October and November at The Dow Chemical Company in Freeport, Texas.

This demonstration will show the efficiency and effectiveness of BPC's Automated Chemostat Treatment (ACT) technology, which can be found at the core of the DOW-BPC Wastewater Treatment System. ACT's innovative approach to cleaning industrial wastewater offers significant improvements over existing solutions. Users now have the ability to produce a virtually sludge-free and easily disposable output from wastewater while reducing costs and limiting their environmental impact, or ecological footprint.

The DOW-BPC Water Treatment System is applicable to a variety of markets from oil refineries, storage farms and drilling sites, to marine ports, power stations and reservoirs.

Demonstrations will take place at:

The Dow Chemical Company
2301 N Brazosport Blvd
Freeport ,TX 77541-3257
USA

In order to accommodate your busy schedule, we are offering several times and dates at which we will demonstrate our ACT system. Demonstrations will include a short 45 minutes lecture on the process, followed by a Q&A session. Scheduled times are as follows:

November 30 to December 3, 2009

December 7-10, 2009

Let us know which demonstration you would prefer to attend, and how many participants will be attending on that day.

Please note that this invitation is not substitute to a personal clearance that is required for each visitor.

Send all responses and questions to:

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We look forward to hearing back from you,

The BPC Team

PILOT SETUP AT DOW

