

# Roxsand

# Waste Water Treatment Project

Written by Joe Hickman, Sales

Most small towns process their wastewater with outdoor lagoons. This practice has been the norm for many years, but it has a major drawback; in the winter, when temperatures drop below 32 degrees, the lagoons can freeze over thereby greatly reducing the capacity of the lagoon to procress wastewater.

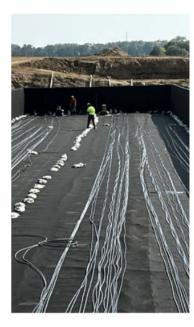
A new system has been developed that allows the process to continue without being affected by the cold temperature. This system is called Submerged Attached Growth Reactor (SAGR). This process involves a rock that is produced to meet a very tight specification, and is currently being installed for the cities of Worthing and Beresford, SD.

The Hawarden, IA production team produced SAGR rock for the Beresford project, and the Dell Rapids East production team produced the SAGR rock for the Worthing, SD project.

The rock was produced to spec, and delivered to the site, and approved by the local consulting engineers as well as the SAGR engineer from Canada. I just made it sound easy, but production involved reconfiguring plant production methods (screen changes), trial runs and diligent sampling and testing.

The SAGR rock specification is a very difficult and challenging spec to meet. This specific gradation of aggregate is not conventionally produced in our region. The Dell Rapids East and Hawarden production teams as well as the QC teams deserve a great thank you for their extraordinary efforts. Diligence and professionalism were exemplified by everyone involved to produce and supply the material successfully.

Click Here for the Spanish Version..







The first photo is in Beresford where the hole has been dug, the HDPE Liner has been installed and the piping is in place. The next step is the rock. In the second photo, the SAGR rock is being installed into the lined ponds. The last photo is from Worthing. This is the finished project with 1.5' of mulch over top for insulation.

### Happy Birthday

**Todd Krantz - September 28**Dell Rapids Shop

**Peter Boeve - September 29** Myrl & Roy's

Ronald VanderMaten - September 29

Ace Ready Mix

**Ramiro Duran - September 30** Fort Lupton

Raul Sanchez Figueroa - October 02

88th Transload

Randall Limke - October 03 Myrl & Roy's

William Thompson - October 03 Myrl & Roy's

**Patrick Hollenbeck - October 03** 88th Transload



#### **Engagement and Impact**

It was a busy weekend filled with community spirit. On Friday, volunteers set up at the Sioux Falls Parks and Recreation Touch-a-Truck event, where families could explore a variety of vehicles and engage with the operators. Saturday brought even more activity as two drivers participated in the SD Truck Convoy for the Special Olympics, an annual fundraiser that raises money for this worthy cause. A heartfelt thank you goes out to all those who volunteered their time or showed up to support these events; your contributions promote a positive impression of the construction and transportation industries!



#### **Spot the Difference Answers**

Thank you to Justin Harvey for providing this fun experience!

- 1. Rocks gone to the left front of the loader
- 2. Left edge of bucket is missing
- 3. The curl bone for the bucket is gone
- 4. One of the exhaust pipes is missing
- 5. The 990 label/rear of the loader is gone
- 6. Half of the fuel tank is missing





## SAFE...RELIABLE...PRODUCTIVE

If you know someone that would like to receive the Roxsand, have them send their personal email to info@ LGEverist.com and request to be added to the mailing list.



L. G. Everist | 350 S Main Ave, Suite 400 | Sioux Falls, SD 57104 US

<u>Unsubscribe</u> | <u>Update Profile</u> | <u>Constant Contact Data Notice</u>



Try email marketing for free today!