



# DMI-65<sup>®</sup>

## DEEP WELL REHAB

**Introduction:** DMI-65<sup>®</sup> is a water filtration media that is used to eliminate many impurities from your water source. It is a type of granular activated carbon (GAC) that has been modified with a proprietary metal oxide coating. The metal oxide coating offers many benefits, including an increase in surface area and better adsorption properties within the media. Going forward, we will go over how DMI-65<sup>®</sup> works and some key setup procedures you should know before jumping in head first, for proper functionality.



# FUNCTIONING OF DMI-65®

DMI-65® functions by **adsorbing impurities** from water as it comes in contact with the media. The special metal oxide coating on the GAC provides an expansive surface area for the impurities to attach themselves to, allowing for more efficient water filtration. DMI-65® is very effective at removing impurities like: **heavy metals, chlorine, organic materials, pesticides and more.**

**Deep Well Rehab** is key to ensuring access to clean and safe drinking water in an industrial or municipal application. Wells over time are prone to becoming contaminated, resulting in numerous water impurities that are harmful to our health and necessary for immediate removal.

DMI-65® MEDIA HAS A UNIQUE

**'5-10 YEAR' LIFE SPAN**

THIS = LOWER COSTS, LOWER MAINTENANCE,  
**BETTER PERFORMANCE**



**PERFECT FOR INDUSTRIAL & MUNICIPAL WATER TREATMENT**



Commonly paired with the  
Everfilt® I-Series Iron Removal  
Filtration Systems

DMI-65® MEDIA GRANUALS





## DMI-65® NSF-APPROVED?

**Yes, DMI-65® is NSF-Approved!** This media meets the standards set forth by NSF International. NSF International is an independent organization that determines the food, water and consumer products standards for public health and safety. DMI-65® is tested and certified by the NSF International body for water treatment chemicals under **NSF/ANSI Standard 60**. DMI-65® is **CERTIFIED** for safe and effective application in drinking water/water treatment applications.





# DMI-65® SETUP PROCEDURES

The general setup procedures for DMI-65® will depend on the type of well and water treatment systems being implemented. Here are some essential guidelines to follow for the proper use of DMI-65®



- **Prep Time & Inspection:** Before using DMI-65® in a deep well project, make sure a thorough inspection is conducted to highlight any problems, like corrosion, well casing damage or other serious defects, that might effect the treatment process with DMI-65®. Make sure the well is cleaned, disinfected and all contaminants removed.
- **Filtration Media Prep:** DMI-65® media should be rinsed with clean water to ensure any dust or particulates are not present. Rinse the media until water appears clear.
- **Bed Depth & Flow Rate:** Ensure optimization of the bed depth and flow rate for the water running through the DMI-65®, as this is important for your application. 24-36 inches is a recommended bed depth, while the flow rate should have adjustments for adequate contact time with the DMI-65® media.
- **Backwashing:** For maintenance purposes, backwashing is a very important procedure for DMI-65® to function. Backwashing is the process of reverse flow of water through DMI-65®, to remove any impurities that have been built up and to reclassify the media bed. The time needed to backwash will all depend on your specific project and how much impurities are present in your water.



# CONCLUSION

The use of DMI-65® for the rehabilitation of deep wells can be an **effective way to remove water impurities** and make access to clean drinking water and other water treatment needs a reality. Ensuring all preparation procedures and optimizations, like bed depth, backwashing, etc. are implemented, will determine the effectiveness of DMI-65® in your water treatment projects.

