

Fort Benning, Georgia

Classification: UNCLASSIFIED

Caveats: NONE

Mr. Franssen,

I would like to obtain your opinion on an application of your product in a residential area of Fort Benning, GA. We had a 20-25 gallon hydraulic release from a garbage truck. I found it surprising that results would drop from 500 mg/kg or 10,000 mg/kg to BDL within a few weeks. Since the land is owned by the Army, I want to make sure this cleanup is effective. We are very interested in using bioremediation concepts on the installation in an effort to effectively clean up spills. As the mfg of the product, I wanted to seek your guidance and determine if it is possible to drop to the levels found from our results in the time period we have been applying the product.

From my 12 plus years of experience in applying similar products for bioaugmentation or biostimulation in-situ (Regenesis, Tersus, Bioworld, ISCO, etc...). I would expect the results to take a little longer but I know that these reductions are expected when applied properly and managed accordingly.

With that being said, I am very confident that all of the activities performed in response to this cleanup are accurate and performed in accordance with all mfg suggested guidelines and any regulatory requirements. I remind you that 95% of my experience comes from applying the corrective actions in-situ so I just need to make sure.

Thanks so much.

Michael Fraser - Innovar Environmental, Inc.

Technician/Inspector

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Mr. Fraser,

As the manufacture of ACT Terra Firma we would like to thank you for inquiring about the effectiveness and cleanup times with our product. Please find attached ACT Packet I'm also send you a hard copy.

ACT Terra Firma is a revolutionary formulation using New Green Technology. Designed to mature bio-remediation relieving our customer of all the burdens that have become a custom to other bio-remediation products. (Please view pages 2-4)

ACT Terra Firma formulation is setting a new standard in bio-remediation by reducing cleanup time, restoring surfaces to a pre-contamination state and limiting the loss of vegetation, (Pg.5-14) effective on proteins and petroleum spills as well as animal waste (Pg.15, 16) and is able to perform in a wide range of temperatures from 150c to -69c. (Pg. 22, 26 we also have field testing) As you know Mr. Fraser that all spill sites vary and no two sites are the same. As the manufacture of ACT Terra Firma we recommend that a test sample is taken before the product is applied and then retested every 15 days.

With the use of ACT Terra Firma it is not uncommon to find a site to be at a non-detectable level in 15 days. We do have some clients that have results in 3 to 7 days. If ACT Terra Firma cleaners is applied in the proper proportions to any protein or petroleum spill a "ND" level can be achieved in 30 days.

Also in the ACT Packet you will find the EPA bio-remediation test pg.17, toxic test pg.20, USDA certification pg.18 USDA test pg.21 and Effectiveness test for the Kuwait oil lake project for KOC pg.22-25.

In closing ACT BioRemediation Products are New Revolutionary cleaning product that are "Changing the way the World Cleans by using Microbes" just apply and walk away. Making bio-remediation possible on all surfaces. Please visit www.actcleaners.com

If you have any further question please contact me.

Best regards,