
From: Kolon, Sybil (DEQ)
Sent: Monday, September 24, 2012 9:18 AM
To: Adelman, Mitch (DEQ); Fotouhi, Farsad
Cc: Beyer, Laurel; Cogger, Jim (DEQ); Gill, Celeste (AG)
Subject: RE: Bethlehem Cemetery Well

Yes, that is what I meant, I forgot to state that directly.

From: Adelman, Mitch (DEQ)
Sent: Friday, September 21, 2012 4:31 PM
To: Kolon, Sybil (DEQ); Fotouhi, Farsad
Cc: Beyer, Laurel; Cogger, Jim (DEQ); Gill, Celeste (AG)
Subject: RE: Bethlehem Cemetery Well

To clarify, I believe Sybil is saying that the DEQ approves of PLS' exemption request for the cemetery well conditioned upon PLS sampling at the requested frequency and providing for the requested signage.

Thanks

Mitch

From: Kolon, Sybil (DEQ)
Sent: Friday, September 21, 2012 2:39 PM
To: Fotouhi, Farsad
Cc: Beyer, Laurel; Cogger, Jim (DEQ); Adelman, Mitch (DEQ); Gill, Celeste (AG)
Subject: FW: Bethlehem Cemetery Well

Farsad,

Attached are Jim Cogger's comments on PLS's request for an exemption for the Bethlehem Cemetery irrigation well from the Prohibition Zone requirement that all water supply wells be plugged.

Per Jim Cogger's recommendation, the Bethlehem Cemetery well should be sampled each year in the spring, soon after it is activated for the growing season, and again in the fall prior to the end of the growing season. If it is still in use at this time, please have a sample collected and analyzed.

We are not sure if there is currently any signage to indicate that the water is non-potable (not for drinking). If not, PLS should work with the cemetery to have such signage installed by next spring, when the well is turned on for the season. If there is more than one tap for the irrigation water, signage is required at each tap. Please inform us when the signage is installed.

Let me know if you have any questions.

Thanks,
Sybil

Sybil Kolon
Senior Environmental Quality Analyst
Remediation Division
Department of Environmental Quality
301 E. Louis Glick Hwy.
Jackson, MI 49201
phone: 517-780-7937
fax: 517-780-7855
e-mail: kolons@michigan.gov
Environmental emergencies: 1-800-292-4706

From: Coger, Jim (DEQ)
Sent: Tuesday, September 18, 2012 9:52 AM
To: Kolon, Sybil (DEQ)
Cc: Adelman, Mitch (DEQ)
Subject: Bethlehem Cemetery Well

Sybil,

I concur with the PLS request to exempt the Bethlehem Cemetery Well from the Prohibition Zone, no groundwater use element of the Consent Order. The Consent Order provides exemptions for water wells located in the Prohibition Zone that will not likely become contaminated with 1,4-dioxane. PLS has provided supporting information that concludes that the screened elevation and location of the Cemetery Well is south, and at a shallower elevation, than the 1,4-dioxane contamination that is currently migrating to the east, under Wagner Road and Maple Village.

Due to other contaminants of concern associated with the Cemetery I recommend that the groundwater use be limited to irrigation activities. A sign should be posted at the well stating that the water is non-potable.

I recommend that PLS sample the Cemetery Well in the spring and fall, (semi-annually) to document that the conditions of the exemptions are being met.

If you have questions or comments, please let me know.

Thanks,

Jim