
From: Skinker, Bethel (DEQ)
Sent: Monday, March 04, 2013 3:46 PM
To: Cook, Pat (DEQ)
Cc: Busch, Stephen (DEQ)
Subject: RE: Lagoons Sizes at Treatment Plants

Hi Pat,

Here's the information I have for now. Owosso will verify theirs and Keith will get back with me soon.

1) East Lansing - Meridian Water & Sewer Authority WTP

Pond #	Surface area, acres	Volume, cubic yard
1	3	45,000
2	4.125	60,000
3	3	45,000

Note: ELMWSA recycles their backwash water. The plant generates 15,000 cubic yard of sludge/year.

2) Lansing Board of Water and Light

- Backwash water and sludge goes into a thickener and into the filter press instead of lagoon/pond.

Bethel Skinker, P.E.
 District Engineer
 Office of Drinking Water and Municipal Assistance
 Department of Environmental Quality
 Phone: 517-335-6127
 Fax: 517-241-3571

-----Original Message-----

From: Cook, Pat (DEQ)
Sent: Monday, March 04, 2013 1:05 PM
To: Ashford, Stephen (DEQ); Bolf, Michael (DEQ); Brennan, Patrick (DEQ); Brookens, Todd (DEQ); Chooi, Wood (DEQ); Chuhran, Laura (DEQ); Conradson, Scott (DEQ); Dehtiar, Luke (DEQ); Donaldson, Kristina (DEQ); Drake, Jerry (DEQ); Esparsa, Brian (DEQ); Gotham, Daryl (DEQ); Huddas, Patricia (DEQ); Islam, Abuzoha (DEQ); Joseph, Mark (DEQ); London, Bob (DEQ); Lopez, Amber (DEQ); Pascoe, Doug (DEQ); Prysby, Mike (DEQ); Rice, Jim (DEQ); Skinker, Bethel (DEQ); Slater, Brad (DEQ); Swenor, Scott (DEQ); Thurston, Brian (DEQ); Wozniak, Gary (DEQ)
Cc: Shekter Smith, Liane (DEQ); Benzie, Richard (DEQ); Bloemker, Jon (DEQ); Busch, Stephen

(DEQ); Lachance, Amy (DEQ); Thomas, Chuck (DEQ)
Subject: FW: Lagoons Sizes at Treatment Plants

Hi Everyone:

I hate to do this to you, but we have a request from the Attorney General's Office that is going to require your assistance. Attached is a list of water plants that they need to know the size of the lagoons of, preferably within a ¼ acre accuracy. See the below email for more details. Please note that they need this information by this Friday, March 8th.

Look at the list and if any of the plants on it are in your district, please respond back to me with the lagoon size ASAP. My guess is that this info is not in our files, so you may have to place a call to the plant superintendent to obtain the requested information.

Thanks in advance for your help in this matter.

Patrick Cook, P.E.

Community Drinking Water Unit

Office of Drinking Water & Municipal Assistance

Michigan Department of Environmental Quality

(517) 241-1242

cookp@michigan.gov

From: Leone, John (AG)
Sent: Monday, March 04, 2013 11:26 AM
To: Cook, Pat (DEQ)
Cc: Boase, Karen (DEQ); Pingel, Dave (DEQ)
Subject: Lagoons Sizes at Treatment Plants

Pat,

I need to determine the size, by acreage, of lagoons used at DW treatment plants. Hopefully we can determine this within 1/4-acre accuracy. It doesn't matter if the lagoons are actively being used or not. I need to explain to a Judge the usual size of these type of lagoons.

Attached is a list (compiled from the database) of the 16 water treatment plants that use lime and have lagoons (but maybe Flint and Sault Ste. Marie do not have lagoons; please confirm).

Would you please obtain for me the size of each lagoon at the treatment plants listed? I need to have this info by this Friday, March 8.

Anyone can call my direct line with any questions, etc. Thanks very much for moving fast on this.

John

517-335-0694

John Fordell Leone (P38938)

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Attorney for Plaintiff, DNRE

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