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MAY 06 2015

STATE OF ILLINOIS
Pollution Control Board

ILLINOIS POLLUTION CONTROL BOARD
May 6, 2015

VILLAGE OF CARLOCK,)	
)	
Petitioner,)	
)	
v.)	PCB 15 – 110
)	(Water Well Setback Exception)
ILLINOIS ENVIRONMENTAL)	
PROTECTION AGENCY,)	
)	
Respondent.)	

HEARING OFFICER ORDER



ORIGINAL

On May 6, 2015, the parties participated in a telephone status conference with the hearing officer. Petitioner is directed to submit written answers to the Board's questions attached to this order. At the next status conference, a response time for these questions will be set, as well as a hearing date at least two weeks after the response time to allow for follow-up questions.

The parties are directed to participate in a telephone status conference with the hearing officer at 10:00 a.m. on May 13, 2015. The status conference shall be initiated by the petitioner.

IT IS SO ORDERED.

Carol Webb

Carol Webb
Hearing Officer
Illinois Pollution Control Board
1021 North Grand Avenue East
P.O. Box 19274
Springfield, Illinois 62794-9274
217/524-8509
Carol.Webb@illinois.gov

**PCB 15-110 Village of Carlock
Water Well Setback Exception**

PRE-HEARING QUESTIONS

35 Ill. Adm. Code 106.310(b): Best Available Control Technology Economically Achievable

1. At page 7, the petition states that four technology controls will be used. Please indicate whether the proposed septic system and these technology controls constitute “the best available control technology economically achievable” under Section 14.2(c) of the Environmental Protection Act and 35 Ill. Adm. Code 106.310(b).
2. Please indicate whether the proposed septic system is a conventional septic tank system or an aerobic treatment system. At page 1, the petition states that “Well No. 1 is located approximately 116 feet from the perimeter of the Septic System,” and “Well No. 2 is located approximately 142 feet from the perimeter of the Septic System.” Based on the setbacks requested, please comment whether there would be any advantages to installing an aerobic treatment system.
3. At page 3, the petition states that “[t]he installation of the Septic System will be performed under the direction of a licensed installer.” Please indicate whether McLean County regulations require the Village to have the system installed by an installer licensed by the county. If not, comment whether this requirement should be included as a condition of granting the exception.
4. At page 3, the petition states that “[t]he Septic System will be maintained and inspected by a licensed wastewater operator on an annual basis.” Please clarify whether the licensed wastewater operator is certified by the Agency in accordance with 35 Ill. Adm. Code 380 (Procedure for the Certification of Operators of Wastewater Treatment Works). Also, please indicate whether McLean County regulations require this inspection and maintenance by a licensed operator. If not, comment whether this requirement should be included as a condition of granting the exception.
5. At page 3, the petition states that “[m]onthly bacteriological testing of Well No. 1 and Well No. 2 will be performed as required by the IEPA to insure contamination of these wells does not occur.” Please clarify whether the bacterial testing would be required in a permit issued by the IEPA for the wells.
6. At page 3, the petition states that “[t]he septic tank component of the Septic System will be pumped every year.” Please comment whether this pumping should be required as a condition of granting the exception.
7. At page 2, the petition states that the proposed septic system consists of a 1,000 gallon septic tank. Please clarify the design capacity of the system to manage sewage in terms of gallons per day (gpd). Page 2 of the petition also states that “[e]stimated gallons of

sewage discharged to the Septic System are 85 gallons per day (gpd).” Please clarify how this estimated sewage flow of 85 gpd was determined.

35 Ill. Adm. Code 106.310(c): Maximum Feasible Alternative Setback

8. Exhibit A of the petition is a site plan showing the extent of the 200-foot setback distances from Well No. 1 and Well No. 2, the proposed septic tank system, measured distances from the Well No. 1 and Well No. 2 and the proposed septic tank system, and existing and proposed structures on the site. Please provide a more legible site plan drawn to scale.
9. At page 2 of the petition, paragraph 5(i) refers to a previous septic system demolished for the construction of the new water treatment plant. That system “was located much closer to Well No. 1 and Well No. 2. . . .” When re-submitting Exhibit A, please indicate where the previous septic system was actually located.
10. At page 2, paragraph 5(f) of the petition refers to Exhibit D for details of the Village’s septic system. However, Exhibit D summarizes raw water pumped per Village well. Please clarify whether the village intended to provide an additional exhibit providing details of the septic system. If so, please provide a copy for the Board’s record.

35 Ill. Adm. Code 106.310(d): Location Will Not Constitute a Significant Hazard

11. If the Village must obtain a permit from the McLean County Health Department to install the proposed system, please comment on whether the Village is required by the department to perform any additional soil or geologic investigation to demonstrate that the proposed system does not pose a threat to the community water supply wells.
12. Exhibit D of the petition shows that Well No. 1 and Well No. 2 combined accounted for less than 10% of the Village’s annual gallons of raw water pumped in calendar year 2013, while Well No. 3 accounted for 91.1%. Please indicate the average daily pumping rate in 2013 for Wells No. 1, 2 and 3. Also, please indicate the maximum pumping rate in gallons per minute (gpm) for Wells No. 1, 2 and 3.
13. Based on the maximum pumping rate, please clarify whether Well No. 3 is capable of meeting 100% of the Village’s water supply demand. If so, please explain the need for keeping both Well No. 1 and Well No. 2 in service.

35 Ill. Adm. Code 704.Subpart I: Requirements for Class V Injection Wells

14. Please indicate whether the Village’s proposed septic system well would be subject to the requirements of 35 Ill. Adm. Code 704.Subpart I (Requirements for Class V Injection Wells). *See* 35 Ill. Adm. Code 704.281(i) (Examples of Class V Injection Wells). If so, please describe how the Village will comply with the requirements of 35 Ill. Adm. Code 704.283 (Notification of a Class V Injection Well).

CERTIFICATE OF SERVICE

It is hereby certified that true copies of the foregoing order were mailed, first class, on May 6, 2015, to each of the persons on the service list below.

It is hereby certified that a true copy of the foregoing order was hand delivered to the following on May 6, 2015:

John T. Therriault
Illinois Pollution Control Board
James R. Thompson Center
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