



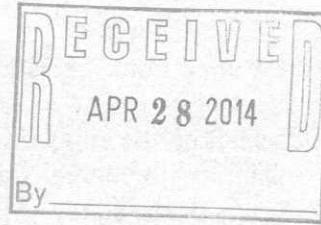








John R. Kasich, Governor  
 Mary Taylor, Lt. Governor  
 Craig W. Butler, Director



April 24, 2014

Mr. Bruce Bailey  
 Vice President of Technical Affairs  
 quasar energy group  
 5575 Granger Road, Suite 320  
 Independence, OH 44131

Re: Biosolids Site Review

Dear Mr. Bailey:

Ohio EPA received a request on April 7, 2014 from quasar energy group to include the following sites as part of the Zanesville Energy, LLC biosolids management program:

<u>Field ID</u>	<u>Ohio EPA Site No.</u>	<u>County</u>	<u>Township</u>
FFQ-16-04	23-00883	Fairfield	Richland
FFQ-16-05	23-00884	Fairfield	Richland
FFQ-16-07	23-00885	Fairfield	Richland
FFQ-16-08	23-00886	Fairfield	Richland

These sites, owned and operated by Joseph Young, are located southeast of the intersection of Thornville Road NE and Pleasantville Road NE.

A review of these sites was conducted by Ohio EPA. Consideration was given to soil and landscape characteristics, isolation distances from residences, geology and ground water conditions and the proximity to waterways and wells.

Please note that the soil analytical results submitted for these sites indicate soil phosphorus values ranging from 40 ppm to 73 ppm Bray-Kurtz P1 extraction. Ohio Administrative Code (OAC) 3745-40-08(A)(2)(b) requires that for soils with phosphorus test results greater than 40 ppm Bray-Kurtz P1 and less than or equal to 100 ppm Bray-Kurtz P1, the agronomic rate shall be the most limiting factor derived from the nitrogen agronomic rate or the multi-year phosphate agronomic rate.

These sites are authorized to be included as part of the Zanesville Energy biosolids program. This authorization is subject to conditions contained in both the NPDES permit and OAC 3745-40. Conditions contained in the NPDES permit and OAC 3745-40 may differ. In such cases, the more restrictive conditions from either the NPDES permit or OAC 3745-40 shall govern.

April 24, 2014

Page 2 of 2

Highlights of these conditions are as follows:

1. Biosolids shall not be applied in buffer zones.
2. In accordance with federal/state rules, biosolids may not be applied within 33 feet of surface waters of the state.
3. Biosolids application shall be timed to avoid periods of excessive wetness to help prevent runoff from a site.
4. Records for the application of biosolids on these sites shall be maintained in accordance with the requirements found in OAC 3745-40-09(C).

**All biosolids beneficially used at these sites shall be injected beneath the surface of the ground or immediately incorporated into the soil.**

If you have any questions, please contact me at (614) 644-2150 or via email at [betsy.vanwormer@epa.ohio.gov](mailto:betsy.vanwormer@epa.ohio.gov).

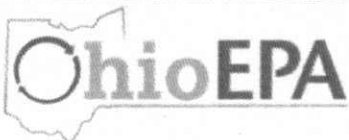
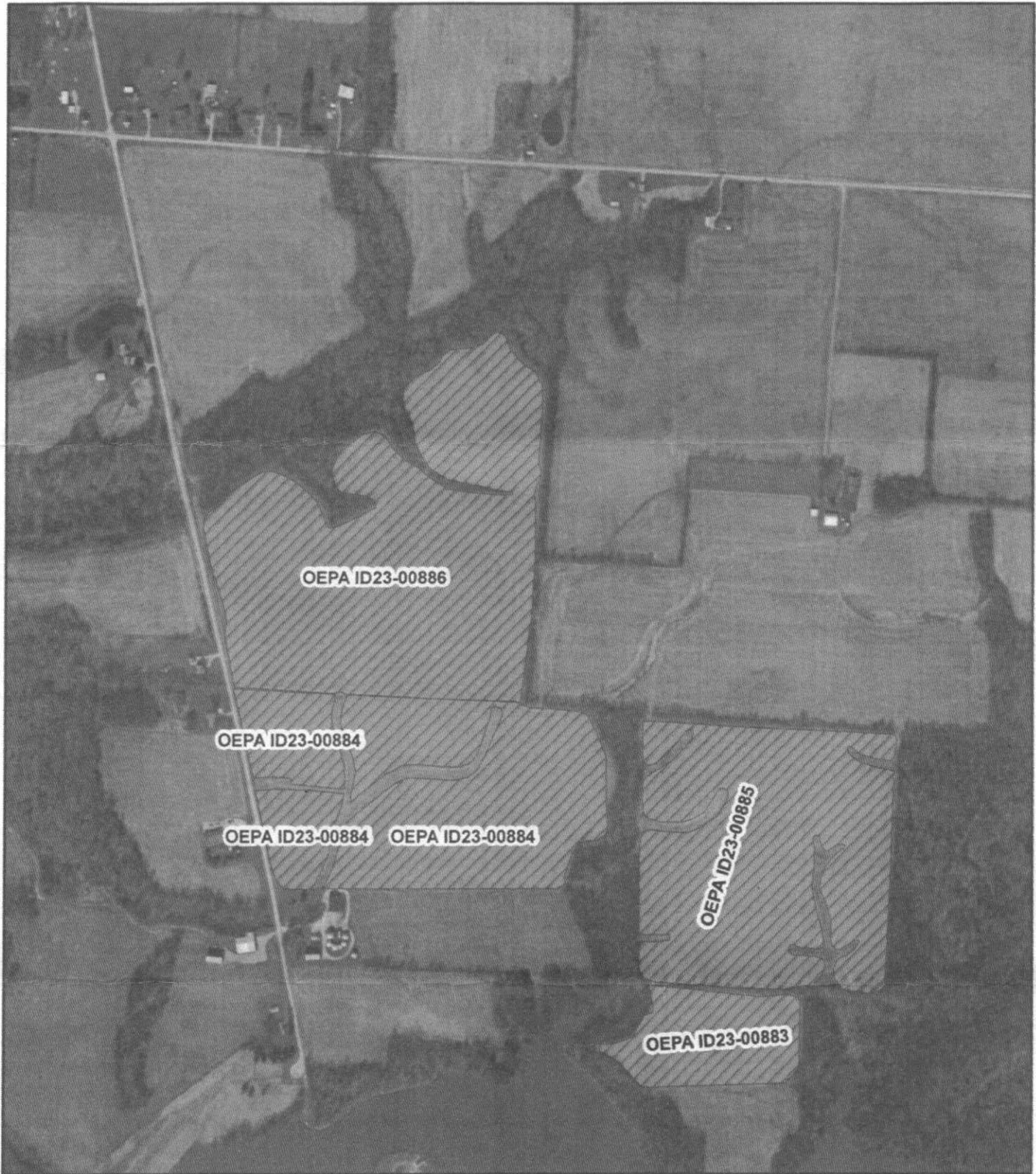
Sincerely,

*Betsy P. L. VanWormer*

Betsy P. L. VanWormer, P.E.  
Environmental Engineer II  
Ohio EPA Division of Surface Water

Cc: Fairfield County Health Department  
Fairfield County Soil and Water Conservation District  
Richland Township Trustees

Ec: Joseph Young  
Sam Mullins, quasar energy group  
Isaac A. Robinson, III, Chief, Ohio EPA/CDO



Ohio EPA Division of Surface Water  
50 West Town Street, Suite 700  
Columbus, OH 43216  
(614) 644-2150

**Beneficial Use Site Authorization  
Zanesville Energy, LLC**

**Ohio EPA Sites: 23-00883, 23-00884, 23-00885, 23-00886  
Field ID: FFQ-16-04, FFQ-16-05, FFQ-16-07, FFQ-16-08**

**Fairfield County  
Richland Township**

