



State of Ohio Environmental Protection Agency

Northeast District Office

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Twinsburg, Ohio 44087

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www.epa.state.oh.us

Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

April 15, 2008

RE: COLUMBIANA COUNTY
EAST PALESTINE WWTP
SEWAGE SLUDGE INSPECTION

Mr. Raymond Hull, Mayor
82 Garfield Avenue
East Palestine, OH 44413

Dear Mayor Hull:

On March 6, 2008, a sewage sludge inspection was conducted in order to determine compliance with Ohio Administrative Code (OAC) Rule 3745-40, Ohio's sewage sludge rules, at the East Palestine wastewater treatment plant (WWTP). Mr. John Jurjavcic, Superintendent, and Mr. Fran Ross, Operator, were present during the sewage sludge inspection and provided information regarding the WWTP's sewage sludge operations and records. The sewage sludge inspection consisted of a review of the WWTP's contact information, completion of a compliance checklist, a review of the WWTP's sewage sludge records, and a walk through of the WWTP sewage sludge treatment units.

The WWTP currently has an average daily flow of approximately 800,000 gallons per day with a design flow of 4.5 million gallons per day. Sewage sludge generated at the WWTP is treated within two (2) aerobic digesters and two (2) sewage sludge holding tanks. The WWTP has a total of 300,000 gallons for sewage sludge treatment within the aerobic digesters and holding tanks. Generated sewage sludge is dewatered directly into a roll off container via a 1.0 meter belt press.

The WWTP currently only has approximately six (6) months of sewage sludge storage capacity; however, the generated sewage sludge is currently disposed of within a solid waste landfill. Records maintained at the WWTP document that the generated sewage sludge satisfies the requirements established within OAC Rule 3745-40.

Ohio EPA records indicate that the following frequency violations occurred for Station 586:

Station	Parameter	Frequency	Date
586	Sludge Weight	1/Day	03/01/2006
586	Sludge Solids, Percent	1/Day	03/01/2006
586	Sludge Weight	1/Day	03/02/2006
586	Sludge Solids, Percent	1/Day	03/02/2006
586	Sludge Weight	1/Day	03/03/2006
586	Sludge Solids, Percent	1/Day	03/03/2006
586	Sludge Weight	1/Day	03/04/2006
586	Sludge Solids, Percent	1/Day	03/04/2006
586	Sludge Weight	1/Day	03/05/2006
586	Sludge Solids, Percent	1/Day	03/05/2006
586	Sludge Weight	1/Day	03/06/2006
586	Sludge Solids, Percent	1/Day	03/06/2006
586	Sludge Weight	1/Day	03/07/2006

Mr. Raymond Hull
 East Palestine WWTP
 April 15, 2008
 Page 2

Station	Parameter	Frequency	Date
586	Sludge Solids, Percent	1/Day	03/07/2006
586	Sludge Weight	1/Day	03/08/2006
586	Sludge Solids, Percent	1/Day	03/08/2006
586	Sludge Weight	1/Day	03/09/2006
586	Sludge Solids, Percent	1/Day	03/09/2006
586	Sludge Weight	1/Day	03/10/2006
586	Sludge Solids, Percent	1/Day	03/10/2006
586	Sludge Weight	1/Day	03/11/2006
586	Sludge Solids, Percent	1/Day	03/11/2006
586	Sludge Weight	1/Day	03/12/2006
586	Sludge Solids, Percent	1/Day	03/12/2006
586	Sludge Weight	1/Day	03/13/2006
586	Sludge Solids, Percent	1/Day	03/13/2006
586	Sludge Weight	1/Day	03/14/2006
586	Sludge Solids, Percent	1/Day	03/14/2006
586	Sludge Weight	1/Day	03/15/2006
586	Sludge Solids, Percent	1/Day	03/15/2006
586	Sludge Weight	1/Day	03/16/2006
586	Sludge Solids, Percent	1/Day	03/16/2006
586	Sludge Weight	1/Day	03/18/2006
586	Sludge Solids, Percent	1/Day	03/18/2006
586	Sludge Weight	1/Day	03/19/2006
586	Sludge Solids, Percent	1/Day	03/19/2006
586	Sludge Weight	1/Day	03/20/2006
586	Sludge Solids, Percent	1/Day	03/20/2006
586	Sludge Weight	1/Day	03/21/2006
586	Sludge Solids, Percent	1/Day	03/21/2006
586	Sludge Weight	1/Day	03/22/2006
586	Sludge Solids, Percent	1/Day	03/22/2006
586	Sludge Weight	1/Day	03/24/2006
586	Sludge Solids, Percent	1/Day	03/24/2006
586	Sludge Weight	1/Day	03/25/2006
586	Sludge Solids, Percent	1/Day	03/25/2006
586	Sludge Weight	1/Day	03/26/2006
586	Sludge Solids, Percent	1/Day	03/26/2006
586	Sludge Weight	1/Day	03/28/2006
586	Sludge Solids, Percent	1/Day	03/28/2006
586	Sludge Weight	1/Day	03/30/2006
586	Sludge Solids, Percent	1/Day	03/30/2006
586	Sludge Weight	1/Day	03/31/2006
586	Sludge Solids, Percent	1/Day	03/31/2006
586	Sludge Weight	1/Day	04/02/2006
586	Sludge Solids, Percent	1/Day	04/02/2006
586	Sludge Weight	1/Day	04/03/2006
586	Sludge Solids, Percent	1/Day	04/03/2006

Station	Parameter	Frequency	Date
586	Sludge Weight	1/Day	04/04/2006
586	Sludge Solids, Percent	1/Day	04/04/2006
586	Sludge Weight	1/Day	04/06/2006
586	Sludge Solids, Percent	1/Day	04/06/2006
586	Sludge Weight	1/Day	04/07/2006
586	Sludge Solids, Percent	1/Day	04/07/2006
586	Sludge Weight	1/Day	04/08/2006
586	Sludge Solids, Percent	1/Day	04/08/2006
586	Sludge Weight	1/Day	04/09/2006
586	Sludge Solids, Percent	1/Day	04/09/2006
586	Sludge Weight	1/Day	04/11/2006
586	Sludge Solids, Percent	1/Day	04/11/2006
586	Sludge Weight	1/Day	04/13/2006
586	Sludge Solids, Percent	1/Day	04/13/2006
586	Sludge Weight	1/Day	04/14/2006
586	Sludge Solids, Percent	1/Day	04/14/2006
586	Sludge Weight	1/Day	04/15/2006
586	Sludge Solids, Percent	1/Day	04/15/2006
586	Sludge Weight	1/Day	04/16/2006
586	Sludge Solids, Percent	1/Day	04/16/2006
586	Sludge Weight	1/Day	04/17/2006
586	Sludge Solids, Percent	1/Day	04/17/2006
586	Sludge Weight	1/Day	04/18/2006
586	Sludge Solids, Percent	1/Day	04/18/2006
586	Sludge Weight	1/Day	04/19/2006
586	Sludge Solids, Percent	1/Day	04/19/2006
586	Sludge Weight	1/Day	04/20/2006
586	Sludge Solids, Percent	1/Day	04/20/2006
586	Sludge Weight	1/Day	04/21/2006
586	Sludge Solids, Percent	1/Day	04/21/2006
586	Sludge Weight	1/Day	04/22/2006
586	Sludge Solids, Percent	1/Day	04/22/2006
586	Sludge Weight	1/Day	04/23/2006
586	Sludge Solids, Percent	1/Day	04/23/2006
586	Sludge Weight	1/Day	04/24/2006
586	Sludge Solids, Percent	1/Day	04/24/2006
586	Sludge Weight	1/Day	04/25/2006
586	Sludge Solids, Percent	1/Day	04/25/2006
586	Sludge Weight	1/Day	04/26/2006
586	Sludge Solids, Percent	1/Day	04/26/2006
586	Sludge Weight	1/Day	04/27/2006
586	Sludge Solids, Percent	1/Day	04/27/2006
586	Sludge Weight	1/Day	04/28/2006
586	Sludge Solids, Percent	1/Day	04/28/2006
586	Sludge Weight	1/Day	04/29/2006

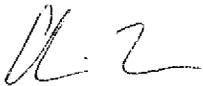
Mr. Raymond Hull
East Palestine WWTP
April 15, 2008
Page 4

Station	Parameter	Frequency	Date
586	Sludge Solids, Percent	1/Day	04/29/2006
586	Sludge Weight	1/Day	04/30/2006
586	Sludge Solids, Percent	1/Day	04/30/2006
586	Sludge Solids, Percent	1/Day	05/01/2006
586	Sludge Solids, Percent	1/Day	05/02/2006
586	Sludge Solids, Percent	1/Day	05/03/2006
586	Sludge Solids, Percent	1/Day	05/05/2006
586	Sludge Solids, Percent	1/Day	05/06/2006
586	Sludge Solids, Percent	1/Day	05/07/2006
586	Sludge Solids, Percent	1/Day	05/08/2006
586	Sludge Solids, Percent	1/Day	05/09/2006
586	Sludge Solids, Percent	1/Day	05/11/2006
586	Sludge Solids, Percent	1/Day	05/13/2006
586	Sludge Solids, Percent	1/Day	05/14/2006
586	Sludge Solids, Percent	1/Day	05/15/2006
586	Sludge Solids, Percent	1/Day	05/16/2006
586	Sludge Solids, Percent	1/Day	05/18/2006
586	Sludge Solids, Percent	1/Day	05/20/2006
586	Sludge Solids, Percent	1/Day	05/21/2006
586	Sludge Solids, Percent	1/Day	05/22/2006
586	Sludge Solids, Percent	1/Day	05/24/2006
586	Sludge Solids, Percent	1/Day	05/25/2006
586	Sludge Solids, Percent	1/Day	05/26/2006
586	Sludge Solids, Percent	1/Day	05/27/2006
586	Sludge Solids, Percent	1/Day	05/28/2006
586	Sludge Solids, Percent	1/Day	05/29/2006
586	Sludge Solids, Percent	1/Day	05/30/2006
586	Sludge Solids, Percent	1/Day	05/31/2006

The WWTP must submit information documenting why the violations, provided in the above table, occurred.

Overall, the WWTP's sewage sludge disposal program appeared to be in compliance with OAC Rule 3745-40. Should you have any questions regarding the sewage sludge inspection, please contact me at your earliest convenience at (330) 963-1118.

Sincerely,



Chris Moody
Environmental Specialist
Division of Surface Water

CM/mt