

**Environmental
Protection Agency**

Timothy J. White, Governor
John A. B. ... Lt. Governor
John ... Director

September 27, 2010

RE: NPDES PERMIT NO. 3IN00048
OSAIR, INCORPORATED
8649 EAST AVE., MENTOR
LAKE COUNTY
INDUSTRIAL

Richard Osborn
OsAir, Incorporated
8500 Station Street
Mentor, OH 44060

Dear Mr. Osborn:

On September 23, 2010, this writer conducted a prepermit inspection for the OsAir facility on East Avenue. The inspection was prompted by the renewal of the National Pollutant Discharge Elimination System (NPDES) permit. Mr. Jack Butler represented the company during the inspection.

The OsAir facility fractionates elemental oxygen, nitrogen and argon from atmospheric air. The nitrogen production rate is approximately 200,000 standard cubic feet per hour. Wastewater discharged from the facility includes cooling tower overflow, compressor condensate and storm water. The facility has two outfalls. Outfall 001 is limited to the cooling tower overflow that discharges to a storm sewer. The discharge from Outfall 002 is condensate from the compressor discharge. Outfall 002 no longer discharges to waters of the state and has been connected to the sanitary sewers. Sanitary sewage is treated at the Gary L. Kron Water Reclamation Facility.

The scale and corrosion inhibitor O'B Kool CT 112, a chemical additive from Zinkan Enterprises/O'Brien Product in Twinsburg, Ohio, is used in the cooling tower. Pursuant to Part II, Item D of your existing permit, written permission must be obtained from the director of the Ohio EPA prior to using any cooling or boiler water treatment additive. This office has no record of receipt of written permission to use the chemical additive. Enclosed with this letter is Ohio EPA Policy DSW-0100.022, *Procedure for Submitting Requests to Obtain Approval to Use Recirculating Water, Boiler Water and Non-Contact Cooling Water System Additives*. Please contact the Division of Surface Water, Permits and Compliance Section, at (614) 644-2001 for any additional information on the required reporting and testing requirements.

RICHARD OSBORN
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A review of the Discharge Monitoring Reports (DMRs) covering the period of November 2009 through July 2010 revealed the following frequency violation:

Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
002	00665	Phosphorus, Total (P)	1/Month	1	0	12/01/2009

Please be advised that failure to comply with the effluent limitations or to satisfy the monitoring, reporting, or compliance scheduling requirements of your NPDES permit may be cause for enforcement pursuant to the Ohio Revised Code Chapter 6111.

The NPDES permit will be drafted and public noticed in the near future. A 30-day comment period will be provided. Please carefully review the draft permit during this time. Any questions, comments or concerns regarding the permit must be submitted in writing to this office during the public notice period.

Should you have questions or comments regarding this letter, please contact the undersigned at (330)963-1183.

Sincerely,



Marie Underwood, P.E.
Environmental Engineer
Division of Surface Water

MU:bo

enclosure