



**Environmental
Protection Agency**

John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

February 1, 2011

**PIKE COUNTY
PARKER HANNIFIN
RCRA
OHD046426409**

Mr. Rick Taylor
Parker Hannifin Corp.
6035 Parkland Blvd.
Cleveland, Ohio 44124-4141

Dear Mr. Taylor:

On December 14, 2010, Steve Saines and I inspected Parker Hannifin Corporation's (PHC) Waverly, Ohio facility to determine PHC's compliance with Ohio's hazardous waste laws as found in Chapter 3734 of the Ohio Revised Code (ORC) and Chapter 3745 of the Ohio Administrative Code (OAC) and the December 27, 2000, Director's Final Findings and Orders (DFFOs). I sent you a Notice of Violation (NOV) letter on December 23, 2010. To date, PHC has failed to respond and remains in violation of the following:

- (1) **OAC Rule 3745-54-100(E)(1) and (E)(2) and section V. 2. of the December 27, 2000 Director's Final Findings and Orders (DFFOs):** (E)1) The owner or operator must conduct a corrective action program to remove, or treat in place, any hazardous constituents in groundwater that exceed specified concentration limits between the compliance point under rule 3745-54-95 of the Administrative Code and the down gradient property boundary; (E)2) The owner or operator must conduct a corrective action program to remove or treat in place any hazardous constituents under rule 3745-54-93 of the Administrative Code that exceed concentration limits under rule 3745-54-94 of the Administrative Code in ground water beyond the facility boundary, where necessary to protect human health and the environment, unless the owner or operator demonstrates to the director that, despite the owner's best efforts, the owner or operator was unable to obtain the necessary permission to undertake such action. The owner/operator is not relieved of all responsibility to clean up a release that has migrated beyond the facility boundary where off-site access is denied. On-site measures to address such releases will be determined on a case-by-case basis. PHC continues to violate 3745-54-100(E)(1)&(2) by its failure to control and capture the release of VOC-laden ground water along its facility boundary with Pee Pee Creek. During this annual inspection, Ohio EPA noted that ground water recovery well pumping in the plume management area near Pee Pee Creek has decreased to levels below 140 gpm over the past few months due to unresolved maintenance issues. Ohio EPA has anticipated significant decreases in ground water VOC content down gradient of the new recovery well extraction system since 2007. The AECOM-Parker ground water model (completed in 2008) predicts that at a pumping rate of 140 gpm or more, the hydraulic gradient between the recovery well network and Pee Pee Creek is minimized to the extent that declining VOC concentrations in ground water discharging to Pee Pee Creek is predicted.

This expected trend is jeopardized due to the recent decreases in the ground water pumping rate.

In order to abate this violation PHC must immediately take steps necessary to pump at a rate that is consistent with the AECOM-Parker groundwater model (a minimum of 140 gpm).

Please note that failure to maintain and operate the groundwater treatment system in a manner which effectively captures and treats groundwater contamination could result in additional violations of the December 27, 2000 DFFOs and may lead to escalated enforcement action.

- (2) **OAC Rule 3745-279-22,(C), Used Oil Storage Requirements for Generators:** Containers and tanks of used oil must be labeled with the words "Used Oil".

A thirty-gallon drum of used oil accumulating inside the treatment building was not labeled with the words "used oil". During the inspection, Mr. Brown properly labeled the drum. Therefore, this violation has now been abated.

GENERAL COMMENTS

Please respond to the above violations and following comments within 15 days of the date of this letter or escalated enforcement action, including fines and penalties, may occur.

- (a) During the inspection, we also evaluated compliance with the deed restriction which was filed by PHC for the Parker Hannifin property, as evidenced by an acknowledgement of receipt by the City of Waverly on 4/22/96. The deed restriction requires PHC to "restrict the disturbance of the contaminated groundwater except for those purposes detailed in Parker's closure/post-closure plan submitted to the Ohio EPA." According to the closure/post-closure plan dated January 1993 (and all subsequent revisions), PHC is obligated "to restrict disturbance in accordance with Rules 3745-66-10 to 374566-20 or the Administrative Code" of Ohio ("OAC"). Based on Ohio EPA's December 14, 2010, inspection and previous site visits conducted by Ohio EPA in 2010, PHC is in compliance with this deed restriction.
- (b) Numerous phone calls and email messages from Ohio EPA to Martha Connell since August have gone unanswered even though according to her secretary, she has been in the office. We were unable to reach her to schedule the December inspection, and thus had to contact the local consultant, instead. This is of concern to Ohio EPA because PHC and Ohio EPA have had several years of good faith efforts to work together to remedy the groundwater plume. Please immediately contact me to discuss this.
- (c) Ohio EPA is particularly concerned about PHC's lack of response to the need to replace 400 feet of outfall pipe which is significantly scaled up, according to your consultant, Mr. Brown. A portion of this pipe collapsed several months ago and while PHC took steps to replace 30 feet of pipe, they have not yet taken steps to

replace the remaining 400 feet of pipe which is in danger of failure. Their attempts to contact Martha Connell of PHC regarding this issue have gone unanswered. As a result of this inaction, RW #4 has been turned off to decrease the flow to the outfall, and RWs 5 and 6 have been running at 124 GPM, which is less than optimal to capture the plume. PHC should contact me immediately to discuss this issue.

(d) PHC failed to follow through on its plans to install seven air sparging wells as proposed in their 2010 annual report to Ohio EPA. PHC should immediately contact me to discuss this.

(e) Five or six drums of nonhazardous waste from replacement of well 19-S are stored in the treatment plant. Please describe PHC's plans and timetable for disposal of these drums.

Should you have any questions, please feel free to call me at (740) 380-5293. You can find copies of the rules and other information on the division's web page at <http://www.epa.ohio.gov/dhwm>.

Sincerely,



Donna Goodman
District Representative
Division of Hazardous Waste Management

DG/mlm

cc: Martha Connell, Parker Hannifin Corporation
Steve Saines, DDAGW, SEDO

NOTICE:

Ohio EPA's failure to list specific deficiencies or violations in this letter does not relieve your company from having to comply with all applicable regulations.