



**Environmental
Protection Agency**

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

April 11, 2011

RE: NORTH CANTON WATER PLANT
3IN00331*CD
STARK COUNTY

Mr. Richard Steinhebel
WTP Superintendent
City of North Canton Water Plant
145 North Main Street
North Canton, Ohio 44720

Dear Mr. Steinhebel:

On March 13, 2009, this writer conducted a compliance evaluation inspection of your water treatment plant to determine compliance with the above referenced NPDES permit. Mr. John Hoskensmith, North Canton WTP, accompanied me during the inspection.

The North Canton WTP is a lime soda softening plant. Treatment includes lime soda softening, CO₂ stabilization, rapid gravity filtration, fluoridation, and disinfection with sodium hypochlorite.

Wastewater Produced

- The backwash holding tank is periodically cleaned out.
- Lime sludge solids from the water treatment plant.
- Untreated water from the contaminated well field.

Treatment Provided

- The lime solids are sent to one of five lime sludge lagoons located southeast of the water plant. Supernatant overflows to the wash water lagoon. At the influent to this lagoon (northeast corner) the pH of the water is adjusted down using CO₂. An overflow weir located at the northwest corner is where the effluent is monitored at station 3IN00331002. This effluent eventually discharges to Zimber Ditch via a storm sewer.
- When the backwash holding tank is cleaned, the solids are sent directly to the wash water lagoon entering on the west side of the lagoon.

There were no visual problems with the water in the final pond. At the time of the inspection there was no flow from the final outfall.

Mr. Richard Steinhebel
City of North Canton Water Plant
April 11, 2011
Page 2

Your compliance history for the time period of February 2009 through February 2011 revealed the following violations of your NPDES permit:

Numeric Violations

There were no violations detected.

Frequency Violations

Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
002	00530	Total Suspended Solids	1/Week	1	0	05/15/2009
002	50050	Flow Rate	1/Week	1	0	05/15/2009
002	00530	Total Suspended Solids	1/Week	1	0	05/22/2009
002	50050	Flow Rate	1/Week	1	0	05/22/2009

If you should have any questions, feel free to contact this writer at (330) 963-1136.

Sincerely,

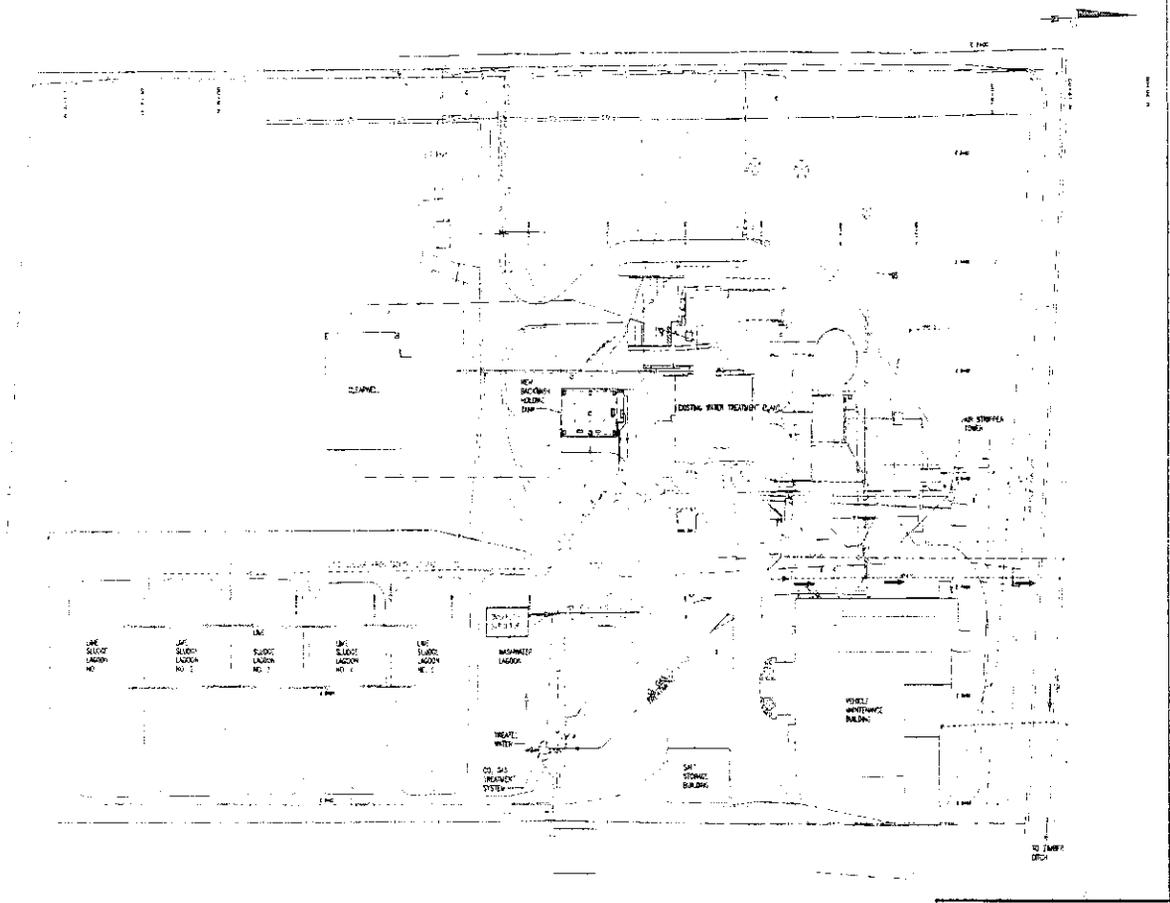


Philip P. Rhodes, P.E.
Environmental Specialist II
Division of Surface Water

PR:bo

attachment

File: Industrial Permit/Compliance



LEGEND	
---	LINE SUBJECT
---	SUPPLEMENTAL LINE SUBJECT
---	TREATED WASTEWATER
---	WASTEWATER DISCHARGE (EXISTING)

CITY OF NORTH CANTON WTP
 LAGOON MODIFICATIONS INFORMATION PACKET
 PLAN AND FLOW PATTERN FOR
 EXISTING AND PROPOSED DISCHARGES
BURGESS & NIPLE, INC.