

City of Lima

Allen County, Ohio

Sharetta Smith, Mayor



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June 27, 2022

Ms. Peggy Christie
Ohio EPA Northwest District Office
Division of Surface Water
347 North Dunbridge Road
Bowling Green, Ohio 43402

Ohio EPA Division of Surface Water
NPDES Permit Unit
P.O. Box 1049
Columbus, Ohio 43216

Ms. Christie,

Attached please find the City of Lima's update to the Control Strategy for Dissolved Hexavalent Chromium, as required by NPDES Permit 2PE00000*ND, Part I, C – Schedule of Compliance, B,3.

Please contact this office if you have any further questions. Thank you.

Sincerely,

A handwritten signature in black ink, reading 'Michael H. Caprella', is written over a horizontal line.

Michael H. Caprella
Director of Utilities

cc:

Kim Furry, WWTP Supervisor
Eric Bontrager, Environmental Compliance Manager
File



Annual Hexavalent Chromium Progress Report

In January, 2019, the City of Lima submitted a Hexavalent Chromium (hexachrome) Control Strategy. This report is an update on the progress of the implementation of the control strategy. Industries throughout the City continue having samples collected twice per year. To date, there have been no detectable levels of hexachrome in the collection system or the wastewater treatment effluent.

A. Monitoring Results for the Year

001 Results

001 Hexavalent Chromium Results	
<u>Date</u>	<u>Hexachrome Result</u>
6/16/21	AA 3.0
7/8/21	AA 3.0
7/16/21	AA 3.0
8/11/21	AA 3.0
8/16/21	AA 3.0
9/1/21	AA 3.0
9/16/21	AA 3.0
10/4/21	AA 3.0
10/18/21	AA 3.0
11/2/21	AA 3.0
11/16/21	AA 3.0
12/8/21	AA 3.0
12/16/21	AA 3.0
1/5/22	AA 3.0
1/24/22	AA 10.0*
2/1/22	AA 3.0
2/17/22	AA 3.0
3/2/22	AA 3.0
3/21/22	AA 3.0
4/12/22	AA 3.0
4/21/22	AA 3.0
5/10/22	AA 3.0
5/19/22	AA 3.0
6/1/22	AA 3.0
*Dilution Required due to sample matrix	

Industry Results for Hexavalent Chromium		
Industry	Date	Result
Calvary	6/22/21	AA 3.0
Whemco 'A'	6/22/21	AA 3.0
Whemco 'B'	6/22/21	AA 3.0
American Trim	6/22/21	AA 3.0
Lima Memorial Hospital	6/24/21	AA 3.0
Randall Bearings	6/24/21	AA 20.0*
Guardian	6/24/21	AA 3.0
P&G Warehouse	6/24/21	AA 20.0*
Dana	6/24/21	AA 20.0*
JSMC	7/28/21	AA 3.0
Whemco 'A'	7/28/21	AA 3.0
Whemco 'B'	7/28/21	AA 3.0
SF&S MH2	7/28/21	AA 3.0
SF&S MH1	7/28/21	AA 3.0
Metokote	7/29/21	AA 3.0
Nelson	7/29/21	AA 3.0
P&G	7/29/21	AA 3.0
Keystone	7/29/21	AA 3.0
American Trim	7/29/21	AA 3.0
Bob Evans Foods	9/2/21	AA 3.0
Pepsi	9/9/21	AA 3.0
Lima Memorial Hospital	9/16/21	AA 3.0
Nickles	9/16/21	AA 3.0
Dana	9/16/21	AA 10.0*
Bob Evans Foods	10/7/21	AA 3.0
Guardian	10/7/21	AA 3.0
Ford	10/11/21	AA 10.0*
Nickles	10/12/21	AA 3.0
P&G Warehouse	10/14/21	AA 20.0*
St. Rita's Medical Center	10/19/21	AA 3.0
Ford	11/17/21	AA 3.0
Calvary	12/2/21	AA 3.0
Randall Bearings	12/27/21	AA 3.0
Dana	4/6/22	AA 4.0*
St. Rita's Medical Center	4/6/22	AA 3.0
*Dilution Required due to sample matrix		

Industry Results for Hexavalent Chromium cont.		
Industry	Date	Result
SF&S MH2	4/6/22	AA 3.0
SF&S MH1	4/6/22	AA 4.0*
Keystone	4/6/22	AA 10.0*
Pepsi	4/6/22	AA 3.0
Whemco ‘A’	5/4/22	AA 3.0
Lima Memorial Hospital	5/4/22	AA 3.0
BRP #2	5/4/22	AA 3.0
Nelson	5/4/22	AA 3.0
JSMC	5/4/22	AA 3.0
Ford	5/4/22	AA 3.0
Metokote	5/4/22	AA 3.0
EOLM	6/8/22	AA 20.0*
Randall Bearings	6/8/22	AA 10.0*
Guardian	6/8/22	AA 10.0*
P&G Warehouse	6/8/22	AA 20.0*
Lima Memorial Hospital	6/8/22	AA 10.0*
BRP #1	6/8/22	AA 10.0*
American Trim	6/8/22	AA 10.0*
*Dilution Required due to sample matrix		

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B. Sources Subject to PMP requirements

There are currently no sources required to implement PMP requirements regarding hexavalent chromium.

C. Summary of Actions Taken to Meet Effluent Limits

All of our effluent results have been below the detectable limits. All of the testing that has been done on industries and lift stations to date has been below the detectable limits in our NPDES permit. No further actions, beyond our normal pretreatment and plant management strategies, have been required.

D. Updates to the Control Strategy

There are no updates to the control strategy at this time. The results above demonstrate that currently there are no known sources of hexavalent chromium and the POTW is meeting its permit limits for hexavalent chromium.