

RECEIVED

JUL 23 2021

OHIO EPA  
NWDO

## PROGRESS REPORT

DUE: January 31 and July 31 of each year until termination of Consent Decree

RECIPIENTS: REGION 5 OF USEPA

Chief  
Water Enforcement and Compliance Assurance Branch  
Water Division  
US Environmental Protection Agency, Regions  
77 West Jackson Blvd.  
Chicago, IL 60604

Nicole Cantello  
Associate Regional Counsel  
US Environmental Protection Agency, Region 5  
77 West Jackson Blvd.  
Chicago, IL 60604  
[Cantello.nicole@epa.gov](mailto:Cantello.nicole@epa.gov)

STATE OF OHIO

Ohio Environmental Protection Agency  
Division of Surface Water  
Attn: Manager, Permits and Compliance  
PO Box 1049  
Columbus, OH 43216-1049  
[Paul.Novak@epa.state.oh.us](mailto:Paul.Novak@epa.state.oh.us)

Ohio Environmental Protection Agency  
Northwest District Office  
Division of Surface Water  
Attn: Enforcement Group Leader  
347 Dunbridge Road  
Bowling Green, OH 43402-0466  
[Elizabeth.Wick@epa.state.oh.us](mailto:Elizabeth.Wick@epa.state.oh.us)

City of Lima, Ohio

Ref: CASE: 314-CV-02551-JZ Doc #5 Filed: 01/13/15

1 of 64. Page ID #212

Previous Calendar half year "Progress Report Period" 1/1/2021 – 6/30/2021

On January 31 and July 31 after the Effective Date and continuing on January 31 and July 31 of each year until termination of this Consent Decree, Lima shall submit to USEPA and Ohio EPA a progress report regarding the implementation of the requirements of this Decree in the previous calendar half year ("Progress Report"). The Progress Report shall include at a minimum:

#### Lima Progress Report (General)

The lettered paragraphs below parallel the format of paragraph 33 of the CD. Initiatives that were underway on the effective date of the CD are reported under section b of this report.

- a. A statement setting forth the deadlines and other terms that Lima is or was required to meet by this Consent Decree since the date of the last Progress Report, whether and to what extent Lima has met these requirements, and the reasons for any noncompliance:

Lima Progress Report: None

- b. A general description of the projects and activities conducted during the reporting period to comply with the requirements of this Decree, and a projection of work to be performed pursuant to this Consent Decree during the next reporting period. Notification to USEPA and Ohio EPA of any anticipated delay shall not, by itself, excuse the delay:

Lima Progress Report: Lima currently has the following contracts underway with further details to be provided in the January 1, 2022 reporting period:

1. **Lima Wastewater Treatment Headworks Project** – Lima has optimized plant performance during peak wet weather. Project is complete.
2. **CMOM Plan**- Lima continues to execute the approved plan.
3. **Asset Management** – Progress has halted on Phase 1 High Street/Jameson Ave. Sewer Rehabilitation Project. The project is still in litigation, but is out for rebid to remove the incorrectly installed SPR lining and reline using geopolymer technology. The project will be awarded and commenced in the coming six months.

Phase 2 Collett/Delphos/Grand/Woodward Sewer Rehabilitation project has been completed. The total project encompassed:

- SPR – 2062 linear feet
- Geopolymer – 508 linear feet
- 9 manholes were rehabilitated at varying levels. 5 manholes with existing lining system received new covers and frames and geopolymer in transition areas. 4 manholes without any existing lining system received full geopolymer rehab and new covers and frames.

4. Supplemental Environmental Project (SEP) – Project is complete. Lima will continue annual maintenance of the project.
  5. Simon's Field CSO EQ Basin – The Basin is in full operation. Lima will work on optimizing use of the basin in conjunction with the three underground structures over the next six months. Lima will install rain gauges throughout the city to collect data and prepare for updating the hydraulic study of the collection system.
- c. A summary of all material problems or potential problems encountered during the reporting period, and the actions taken to rectify the problems:

Lima Progress Report: No actions were required under this section

- d. A summary of all material contacts with USEPA and Ohio EPA during the reporting period, including but not limited to the date deliverables under this Decree were sent to USEPA and Ohio EPA:

Lima Progress Report:

1. February 22, 2021 – Lima submitted its WWTP Performance Monitoring Report to OEPA and USEPA
  2. March 15, 2021 – Lima submitted its Annual Mercury PMP to OEPA
  3. March 15, 2021 – Lima submitted its Annual Pretreatment Report to OEPA
  4. March 31, 2021 – Lima submitted its Annual SSO Report to OEPA
  5. May 1, 2021 – Lima submitted its Annual CSO Report to OEPA
  6. July 1, 2021 – Lima submitted its Annual Hexavalent Chromium Progress Report to OEPA
- e. A statement of any exceedances of NPDES permit limitations:
- There were no exceedances during this period.
- f. A summary of all CSO Discharges, SSOs, Bypasses, and other unpermitted discharges occurring within the reporting period including the actual or estimated frequency, duration and volume of each CSO Discharge, SSO, Bypass, and other unpermitted discharge:

Lima Progress Report:

1. Water-in-Basement (WIB) Events – There were 3 events in the last 6 months.
2. SSO & CSO Monthly Reporting – A summary of the CSOs and SSOs are listed on the following page. These numbers are reported monthly to OEPA as part of the monthly Discharge Monitoring Report (DMR).

# SSO & CSO Overflow Totals

January 1 - June 30, 2021

| Annual Report #                | EPA ID #       | Location of Overflow                              |     | SSO | CSO YTD |
|--------------------------------|----------------|---------------------------------------------------|-----|-----|---------|
| 302                            | 2PE 00000047   | MH#14 on Lost Creek Golf Course                   | SSO | 5   |         |
| 007                            | 2PE 00000007   | S. Central Ave. & Ottawa River                    | CSO |     | 3       |
| 008                            | 2PE 00000008   | Timberlake Sewer & Ottawa River                   | CSO |     | 0       |
| 009                            | 2PE 00000009   | Oxford Ave. & Collett Street                      | CSO |     | 0       |
| 037                            | 2PE 00000037   | North Shore Dr. & Cole St.                        | CSO |     | 2       |
| 035                            | 2PE 00000035   | Lakewood Ave & Charles St.                        | CSO |     | 0       |
| 034                            | 2PE 00000034   | Judkins Ave at Kunneke Ave                        | CSO |     | 0       |
| 033                            | 2PE 00000033   | Nixon Ave. at Kunneke Ave.                        | CSO |     | 0       |
| 303                            | 2PE 00000029   | Glenwood Ave. between Lakewood and Wales Ave.     | SSO | 3   |         |
| 304                            | 2PE 00000028   | S. Pears Ave. at Kunneke Ave.                     | SSO | 0   |         |
| 305                            | 2PE 00000027   | Lakewood Ave. & Maplewood Drive                   | SSO | 0   |         |
| 306                            | 2PE 00000026   | S. Pears Ave. between Wendell Ave & Lakewood Ave. | SSO | 3   |         |
| 307                            | *** *** *** ** | 418 South Pears (MH 0-10)                         | SSO | 0   |         |
| 308                            | 2PE 00000025   | S. Pears Ave. between Lowell Ave. & Wendell Ave.  | SSO | 4   |         |
| 309                            | 2PE 00000023   | S. Pears Ave. between W. Spring & W. Elm St       | SSO | 3   |         |
| 310                            | 2PE 00000024   | Between W. Spring & W. Elm, East of Primrose Pl   | SSO | 4   |         |
| 311                            |                | 1861 Wendell                                      | SSO | 0   |         |
| 313                            | 2PE 00000031   | S. Cable Rd. at Lakewood Ave.                     | SSO | 13  |         |
| 314                            | 2PE 00000032   | S. Cable Rd. at Wendell Ave.                      | SSO | 2   |         |
| 316                            | 2PE 00000022   | Dale Dr. & Idlewild Dr.                           | SSO | 0   |         |
| 317                            | 2PE 00000020   | Dale Dr. between W. Wayne & Oakland Pkwy          | SSO | 5   |         |
| 318                            | 2PE 00000021   | Dale Dr. & West Wayne St.                         | SSO | 0   |         |
| 319                            | 2PE 00000018   | University Ave. & Dale Dr.                        | SSO | 2   |         |
| 320                            | *** *** *** ** | Columbia @ Allentown, MH #92                      | SSO | 6   |         |
| 321                            | 2PE 00000051   | 1379 N. Cable Road Lift Station (Check Valve)     | SSO | 0   |         |
| 322                            | 2PE 00000050   | 1700 Allentown Road Lift Station (Check Valve)    | SSO | 0   |         |
| 323                            | *** *** *** ** | Rosedale @ Ellison Ave.                           | SSO | 0   |         |
| 324                            | *** *** *** ** | Woodlawn @ Ellison Ave.                           | SSO | 2   |         |
| 325                            | 2PE 00000017   | Woodlawn Ave. & Feeman Ave.                       | SSO | 3   |         |
| 014                            | 2PE 00000014   | Metcalfe St. & Tremont Ave.                       | CSO |     | 0       |
| 016                            | 2PE 00000016   | Metcalfe St. & Ashton Ave.                        | CSO |     | 0       |
| 015                            | 2PE 00000015   | Metcalfe St. & Runyan Ave.                        | CSO |     | 1       |
| 038                            | 2PE 00000038   | West & O'Connor Ave                               | CSO |     | 0       |
| 012                            | 2PE 00000012   | McDonel St. & O'Connor Ave.                       | CSO |     | 1       |
| 011                            | 2PE 00000011   | Burch Ave. & O'Connor Ave.                        | CSO |     | 0       |
| 013                            | 2PE 00000013   | Metcalfe St. & O'Connor Ave.                      | CSO |     | 0       |
| 326                            | 2PE 00000010   | Northwold St. & O'Connor Ave.                     | SSO | 1   |         |
| 327                            | 2PE 00000049   | 1330 Melrose Ave.                                 | SSO | 0   |         |
| 329                            | 2PE 00000042   | Metcalfe St. & Lane Ave.                          | SSO | 0   |         |
| 330                            | 2PE 00000044   | Metcalfe St. & Ford Ave.                          | SSO | 0   |         |
| 331                            | *** *** *** ** | Burch & Ford                                      | SSO | 0   |         |
| 332                            | 2PE 00000046   | 2032 Burch Ave.                                   | SSO | 0   |         |
| 333                            | 2PE 00000045   | Burch Ave. & Lewis Ave.                           | SSO | 0   |         |
| 334                            | 2PE 00000043   | Metcalfe St. & Lewis Blvd.                        | SSO | 0   |         |
| 335                            | 2PE 00000041   | Celia Place & Northern Ave.                       | SSO | 0   |         |
| 336                            | 2PE 00000039   | Karen St. & Lewis Blvd. (N)                       | SSO | 6   |         |
| 337                            | 2PE 00000038   | Karen St. & Lane Ave                              | SSO | 3   |         |
| 338                            | 2PE 00000056   | West St. Lift Station                             | SSO | 0   |         |
| Overflow Totals =              |                |                                                   |     | 65  | 7       |
| Report Updated on ... 7/3/2020 |                |                                                   |     | SSO | CSO     |
| Total # of Reports.... 23      |                |                                                   |     |     |         |

- g. A section containing a report on Lima's CMOM Program, as required by Paragraph 19.

**CMOM PROGRAM**  
**REPORT**  
**Paragraph 19**

Summarize the activities performed during the previous six month period to implement the approved CMOM Program including, but not limited to:

- a. Describe Sewer System Cleaning, including:

- (1) Provide the total unique miles of sewer cleaned and percentage of system cleaned (with repeat cleaning of the same sewer segment not counted toward the total mileage)

Lima Progress Report: From 1/1/21 – 6/30/2021  
20,722.77 linear feet = 3.92 miles (3.9% of SSS)

- (2) List hotspot locations and the frequent that those sewer segments were cleaned:

Lima Progress Report:

Lima's "High Maintenance List" (i.e. hot spots) of sanitary sewers was completed on 5/21/21 (WO# 65653). This list includes 39,022 feet (7.39 miles – 7.4% of SSS) of sewers that are susceptible to higher levels of grease and debris buildup.

- b. Describe and Quantify the total mileage of internal sewer inspections, such as by

CCTV: Lima Progress Report: From 1/1/21 – 6/30/21  
22,837 linear feet of CCTV inspection = 4.33 miles (4.3% of SSS)  
201 manholes inspected

- c. Describe the rehabilitation and replacement work within the Sewer System started and completed or identified for future scheduling:

Lima Progress Report:

1. Rehabilitated 3 manholes (Mr. Manhole, repair casting, etc.)
2. Installed 2 new manholes.
3. Performed 12 point repairs on gravity sewer mains.

- d. Describe operational changes or improvements implemented as part of the approved CMOM:

Lima Progress Report: None

- e. Identify any cross-connections detected or eliminated and dye testing or clear water source elimination measures implemented:

Lima Progress Report: None

- f. Identify the cause and corrective maintenance response taken to any SSOs that occurred:

Lima Progress Report:

In cases involving structural failure of sewer system components or mechanical/electrical failure of equipment, a 24-hr emergency response crew is dispatched to address the situation.

In rain events where the sewer system is stressed beyond capacity. City personnel manage the pump stations and WWTP via SCADA to maintain maximum treatment capability.

I certify under penalty of law that the information contained in or accompanying this (submission/document) is true, accurate and complete. As to (the/those) identified portion(s) of this (submission/document) for which I cannot personally verify (its/their) truth and accuracy, I certify as the official having supervisory responsibility for the person (s) who, acting under my direct instructions, made the verification, that this is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

  
Michael Caprella  
Utilities Director, City of Lima, Ohio

Cc: David J. Berger, City of Lima Mayor  
Fred P. Andes, Barnes & Thornburg LLP  
Stephen P. Samuels, Frost Brown Todd LLC  
File