

INSPECTION REPORT

Inspection Date(s):	04/05/2022 - 04/08/2022	Announced: Yes			
Time:	Entry: 02:30 PM (CT)	Exit: 09:04 AM (CT)			
Media:	Water				
Statute(s)/Program(s):	Clean Water Act, NPDES				
Type of inspection:	SSO - Sanitary Sewer Overflow Recon Inspection				
Access:	Granted				
Permittee Name:					
City of Cahokia Heights					
Facility or Site Name:					
City of Cahokia Heights					
Facility/Site Physical Address:					
103 Main Street					
(City, state, zip code)					
Cahokia Heights, IL					
County/Parish:					
St. Clair					
Mailing address: (If different)					
(City, state, zip code)					
Facility/Site Identifier:					
ILN000019					
Permit Number:					
Unpermitted Facility					
SIC or NAICS:					
Persons Participating in Inspection:					
Title	Name	Phone	Email	Present at Opening Conf.	Present at Closing Conf.
Lead Inspector	Dean Maraldo	3123532098	maraldo.dean@epa.gov	Yes	Yes
Inspector	Ted Flatebo	(312) 886-9402	flatebo.ted@epa.gov	Yes	No
Inspector	Joan Rogers	(312) 886-2785	rogers.joan@epa.gov	Yes	No
USACE	Shawn Sullivan	(314) 303-4778	shawn.sullivan@usace.army.mil	Yes	No
USACE	Charles Davis		charles.davis@usace.army.mil	Yes	No
Operator	Dennis Traiteur	(618) 337-3302	dtraiteur@cahokiaillinois.org	Yes	Yes
Engineer (Hurst-Rosche)	Jim Nold	(618) 398-0890	jnold@hurst-rosche.com	Yes	No
Engineer (hurst-rosche.com)	Terry Sudholt	(618) 398-0890	tsudholt@hurst-rosche.com	Yes	No
USACE	Ashley Rasnic		ashley.l.rasnic@usace.army.mil	Yes	No
Asst. Director Cahokia Heights	Sharlin Pfeffer	(618) 305-6601-105	spfeffer@cahokiaillinois.org	Yes	No

Lead Inspector:			
Dean Maraldo	<i>[Signature]</i> DINO MARALDO	Digitally signed by DINO MARALDO Date: 2022.04.08 15:00:34 -05'00'	<i>[Date]</i>
	REGION 5	maraldo.dean@epa.gov	(312) 353-2098
Supervisor Review:			
Ryan Bahr	<i>[Signature]</i> Bahr, Ryan	Digitally signed by Bahr, Ryan Date: 2022.04.13 13:52:37 -05'00'	<i>[Date]</i>
	REGION 5	bahr.ryan@epa.gov	

SECTION I – INTRODUCTION

Site Entry and Inspection Objectives

SSO recon inspection for the City of Cahokia Heights.

REGION 5 Lead Inspector, Dean Maraldo, and Inspectors Joan Rogers and Ted Flatebo arrived at the City of Cahokia Heights’ (the “City”) engineering consultant’s (Hurst-Rosche) office at 5 Bank Square in East St. Louis at 02:30 PM (CT) on 04/05/2022. REGION 5 Lead Inspector presented his credentials to Terry Sudholt (Hurst-Rosche) and informed the group that after the opening meeting we planned to inspect known areas of concern in the City’s sanitary sewer system. The table above identifies the attendees that participated in the meeting and field inspection. This report is based on information supplied by City of Cahokia Heights representatives and observations made by the REGION 5 inspectors, including: direct observations made by the REGION 5 Inspectors, photographs taken by REGION 5 inspectors, and verbal or written statements made by information supplied by City of Cahokia Heights representatives during or subsequent to the on-site Inspection.

After opening introductions, I asked the group for a sewer funding update. Jim Nold (Hurst-Rosche) mentioned that the City has been working with congressional representatives regarding assistance with sewer infrastructure issues, and specifically with funding support for sewer trunk line and pump station projects and projects that will help separate the sewer collection system from the East St. Louis system. The City representatives discussed potential plans for a 3.5 mile long sanitary trunk lining (Jerome Lane) for a critical portion of the City’s collection system.

I asked the City representatives about status of the ongoing SSO discharge at 82nd street. Dennis Traiteur said he believes the SSO discharge at N82nd Street was still attributed to surcharging of the East St. Louis collection system.

Prior to concluding the opening conference, I asked about the City’s MS4 permit status. The City representatives did not know if the City was currently covered under any MS4 permit, and said they would look into it.

At this point we concluded the opening conference and discussed the afternoon’s plan to observe several areas of concern in the sanitary sewer collection system. The City representatives chose not to join us for the field observations.

After concluding the opening conference, we met with the U.S. Army Corp of Engineers representatives to discuss the plan for observing SSO areas of concern, and departed for the first location, the point where the

City's system flows to the East St. Louis system in the vicinity of N82 Street and Ridge Ave.

Facility/Site Information

Location(s)

Location	Description
N82nd and Ridge	Point where the City's collection system enters the East St. Louis collection system.
N82nd Street SSO	Location of chronic SSO in front of a residence (sewer cleanout).
Lady of Snows Lift Station	City lift station adjacent to Harding Ditch.
Lauralee Drive Area	Area of the City's collection system with observed dry-weather SSO in January 2021.
Former Village of Cahokia Lift Station 5 (rear)	City lift station in former Village of Cahokia.

SECTION II – OBSERVATIONS

Observations may not be in sequential order.

Location: N82nd and Ridge	Contains CBI: No
Observation #: DM4-OB-002	Date: 04/05/2022
I observed the last manhole prior to flow entering the East St. Louis system in eastern portion of the Cahokia Heights system. I did not hear any sewage flowing in the covered manhole.	
Location: N82nd Street SSO	Contains CBI: No
Observation #: DM4-OB-003	Date: 04/05/2022
I observed the location of the chronic SSO point in front of a residential property on the north side of N82nd Street. The SSO was flowing (see Photo 1) and toilet paper debris was observed around the flowing cleanout.	
Photo(s)	
1. RIMG0065.JPG	
Location: Lady of Snows Lift Station	Contains CBI: No
Observation #: DM4-OB-004	Date: 04/05/2022
I observed the Lady of Snows lift station adjacent to Harding Ditch. The lift station appeared to be operating normally.	

Location: Lauralee Drive Area	Contains CBI: No
Observation #: DM4-OB-005	Date: 04/05/2022
I observed the lift station in the vicinity of Lauralee Drive and Violet. The lift station was in operation and not discharging at the time of the inspection. This lift station was observed discharging sanitary sewage during dry weather in January 2021.	
Location: Former Village of Cahokia Lift Station 5 (rear)	Contains CBI: No
Observation #: DM4-OB-006	Date: 04/05/2022
I observed collapsed ground adjacent to the former Village of Cahokia Lift Station 5 (rear), revealing what appeared to be a large storm sewer main adjacent to the lift station (see Photo 2). No evidence of discharge was observed.	
Photo(s) 1. RIMG0066.JPG	
Location: N82nd Street SSO	Contains CBI: No
Observation #: DM4-OB-007	Date: 04/08/2022
After the observations on April 5, 2022, we departed Cahokia Heights and conducted an inspection at another facility on April 6-7. We returned to Cahokia Heights on April 8 to observe the N82nd Street SSO location. The SSO was flowing (see Photo 3) and toilet paper debris was observed around the flowing cleanout. We then concluded the recon inspection and departed Cahokia Heights.	
Photo(s) 1. PLST0001.JPG	

SECTION III – RECORDS REVIEW

No records review was conducted.

SECTION IV – SAMPLING ACTIVITIES AND ANALYTICAL RESULTS

No sampling was conducted.

SECTION V - AREAS OF CONCERN

Areas of Concern may not be in sequential order.

The presentation of areas of concern does not constitute a formal compliance determination or violation.

Location: N82nd Street SSO	
DM4-OB-003	
On April 5, 2022, I observed the location of the chronic SSO point in front of a residential property on the north side of N82nd Street. The SSO was flowing (see Photo 1) and toilet paper debris was observed around the flowing cleanout.	Citations: Section 301(a) of the CWA, 33 U.S.C. § 1311
DM4-OB-007	
We returned to Cahokia Heights on April 8 to observe the N82nd Street SSO location. The SSO was flowing (see Photo 3) and toilet paper debris was observed around the flowing cleanout.	Citations: Section 301(a) of the CWA, 33 U.S.C. § 1311

SECTION VI – CLOSING CONFERENCE AND FOLLOW UP

Closing Conference

On April 8, 2022, we concluded the recon SSO inspection at the N82nd Street SSO location and departed Cahokia Heights. At 8:55 AM (CT) I conducted a closing conference via telephone with City representative Dennis Traiteur. I asked Dennis Traiteur about the exposed pipe adjacent to the former Village of Cahokia Lift Station 5 (rear). He was not aware of the exposed pipe and said he would look into it right away and get back to me with an update. We concluded the call at 9:03 AM (CT) on April 8, 2022.

Follow Up

The following items were requested by the inspector at the time of the inspection.

DM4-CC-NT
I asked Dennis Traiteur about the exposed pipe adjacent to the former Village of Cahokia Lift Station 5 (rear). He was not aware of the exposed pipe and said he would look into it right away and get back to me with an update.

DM4-OC-NT

The City representatives did not know if the City was currently covered under any MS4 permit, and said they would look into it.

Communication Log

After exiting the City on 04/08/2022, REGION 5 received the following information.

DM4-CC-NT


Regarding the exposed pipe adjacent to the former Village of Cahokia Lift Station 5 (rear), Sharlin Pfeffer, the City’s Assistant Director for Water and Sewer, provided the following update via electronic mail on April 8, 2022.

“Per the conversation you had with Dennis this morning in regards to the hole near the (Jerome & Mousette) lift station; this is a storm sewer drain that needs to be repaired. Storm drains are the Street Departments jurisdiction and they are aware of the needed repair.”

SECTION VII – LIST OF APPENDICES

- 1. Photo Log

APPENDIX 1: PHOTOLOG

Flowing SSO from sewer cleanout on N82nd Street	
RIMG0065.JPG	
04/05/2022 03:50 PM (CT)	
Dean Maraldo	
N82nd Street SSO	
No CBI	
No PII	
SSO observed flowing from sewer cleanout. Noted toilet paper residue in the ditch and along banks. Photo taken at 3:50 pm on April 5, 2022.	

Collapsed ground revealing apparent storm sewer main
RIMG0066.JPG
04/05/2022 05:29 PM (CT)
Dean Maraldo
Former Village of Cahokia Lift Station 5 (rear)
No CBI
No PII
Photo taken at 5:29 pm on April 5, 2022.



Flowing SSO from sewer cleanout on N82nd Street
PLST0001.JPG
04/08/2022 08:07 AM (CT)
Dean Maraldo
N82nd Street SSO
No CBI
No PII
SSO observed flowing from sewer cleanout. Noted toilet paper residue in the ditch and along banks. Photo taken at 8:07 am on April 8, 2022.

