



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
**REGION 5**  
**77 WEST JACKSON BOULEVARD**  
**CHICAGO, IL 60604-3590**

**REPLY TO ATTENTION OF**  
**ECW-15J**

**VIA ELECTRONIC MAIL**

Mr. Dennis Traiteur, Manager  
Commonfields of Cahokia Sewer District  
2525 Mousette Lane  
East St. Louis, IL 62206  
Email: [commonfields@sbcglobal.net](mailto:commonfields@sbcglobal.net)

Subject: February 24, 2021 and February 25, 2021 SSO Reconnaissance Inspection Report

Dear Mr. Traiteur:

On February 24, 2021 and February 25, 2021, the U.S. Environmental Protection Agency conducted a sanitary sewer overflow (SSO) reconnaissance inspection at the Commonfields of Cahokia Sewer District.

The enclosed report summarizes observations made by EPA during the inspection, including an SSO observed at one location in Centreville.

If you have any questions or concerns regarding this letter, or the inspection report, please contact Joan Rogers of my staff at (312) 886-2785 or at [rogers.joan@epa.gov](mailto:rogers.joan@epa.gov).

Sincerely,

**RYAN**  
**BAHR**

Digitally signed by  
RYAN BAHR  
Date: 2021.03.22  
13:46:23 -05'00'

Ryan J. Bahr Chief, Section 2  
Water Enforcement and Compliance Assurance Branch

Enclosure

cc: Todd Bennett, Illinois EPA [[Todd.Bennett@Illinois.gov](mailto:Todd.Bennett@Illinois.gov)]  
Joe Stitely, Illinois EPA [[Joe.Stitely@Illinois.gov](mailto:Joe.Stitely@Illinois.gov)]



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 5  
77 WEST JACKSON BOULEVARD  
CHICAGO, IL 60604-3590

REPLY TO ATTENTION OF  
ECW-15J

**Purpose:** Commonfields of Cahokia – SSO Reconnaissance Inspection Trip Report

**Facility:** Commonfields of Cahokia Sewer District

**Dates of Inspection:** February 24, 2021 and February 25, 2021

**Illinois EPA Inspector:**

Joe Stitely (618) 993-7200

**U.S. EPA Inspectors:**

Dean Maraldo, EPA Region 5; (312) 353-2098; [maraldo.dean@epa.gov](mailto:maraldo.dean@epa.gov)

Joan Rogers, EPA Region 5; (312) 886-2785; [rogers.joan@epa.gov](mailto:rogers.joan@epa.gov)

Ted Flatebo, EPA Region 5; (312) 886-9402; [flatebo.ted@epa.gov](mailto:flatebo.ted@epa.gov)

**Commonfields of Cahokia Sewer District Representative:**

Dennis Traiteur, Manager, (618) 337-3302

**Inspection Trip Report Prepared by:**

Joan Rogers, U.S. EPA Region 5 Inspector

**U.S. EPA Inspector Signature:**

JOAN  
ROGERS

Digitally signed by JOAN  
ROGERS  
Date: 2021.03.22  
12:49:15 -05'00'

**Approver Name & Title:**

Ryan Bahr, Chief, Section 2, Water Enforcement and Compliance Assurance Branch

**Approver Signature:**

RYAN  
BAHR

Digitally signed by RYAN  
BAHR  
Date: 2021.03.22  
13:39:23 -05'00'

## **February 24, 2021**

On February 24, 2021, the EPA inspection team of Dean Maraldo, Ted Flatebo, and Joan Rogers traveled to the East St. Louis area to conduct a reconnaissance inspection of the lift stations owned and managed by Commonfields of Cahokia (Commonfields) and meet with the manager of Commonfields, Mr. Dennis Traiteur. Prior to meeting Mr. Traiteur, the inspection team went to the known Sanitary Sewer Overflow (SSO) location on North 82<sup>nd</sup> Street and observed that there was wastewater discharging from the cleanout in the yard. Since it had not rained, this was a dry weather SSO. EPA took a bacteria sample, labeled S01, at 11:04 A.M. from the discharge and preserved it on ice. EPA noted an odor of sewage in the air near the home with the SSO and observed toilet paper in the ditch receiving the discharge.

EPA spoke with the next-door neighbor and after showing credentials, received permission to walk on his property to document the flow from the SSO discharge location to Canal #1. EPA told the neighbor that they would do that later in the day.

EPA then drove to Lift Station #22, near the intersection of Lauralee Drive and Violet Drive. During a previous inspection on January 26, 2021, Mr. Maraldo observed this lift station discharging, but on the day of this inspection, it was not. EPA left to meet the Illinois EPA (IEPA) inspector and Mr. Traiteur at the Commonfields office.



1: P2240052

Description: Cleanout on North 82<sup>nd</sup> Street was discharging in dry weather. Note toilet paper debris in the ditch.

Location: North 82<sup>nd</sup> Street SSO.

Camera Direction: Northwest

Date/Time: 02/24/21/10:59 A.M.





1: P2240054

Description: EPA took sample S01 at 11:04 A.M. from the discharge from the cleanout on North 82<sup>nd</sup> Street.

Location: North 82<sup>nd</sup> Street SSO.

Camera Direction: Northwest

Date/Time: 02/24/21/11:09 A.M.



2: P2240055

Description: Lauralee and Violet Lift Station was not discharging on the day of the inspection.

Location: Lauralee and Violet Lift Station.

Camera Direction: Northeast

Date/Time: 02/24/21/11:27 P.M.





3: P2240056

Description: Lift station was not discharging on the day of the inspection.

Location: Lauralee and Violet Lift Station.

Camera Direction: Southwest

Date/Time: 02/24/21/11:28 P.M.



4: P2240057

Description: Ponded water next to the lift station.

Location: Lauralee and Violet Lift Station.

Camera Direction: Northeast

Date/Time: 02/24/21/11:28 P.M.





5: P2240058

Description: Lauralee and Violet Lift Station is located near residences.

Location: Lauralee and Violet Lift Station.

Camera Direction: South

Date/Time: 02/24/21/11:29 P.M.

The inspection team arrived at the Commonfields office at approximately 11:30 A.M. for the opening conference. Mr. Joe Stitely, IEPA inspector, was waiting for the EPA inspectors in the parking lot. Due to COVID concerns, Mr. Traiteur came out to talk to EPA and IEPA in the parking lot. EPA presented credentials to Mr. Traiteur at 11:35 A.M. and explained that the SSO on North 82<sup>nd</sup> Street was discharging and EPA inspectors took a sample. Mr. Traiteur explained that this was because the discharge line came out of the well at the lift station on North 82<sup>nd</sup> and Bluff, downstream of the SSO. He stated that utility personnel remedied the problem.

EPA and IEPA discussed several of the other Commonfields lift stations. Mr. Traiteur stated that Lift Station #22, at Lauralee and Violet, was inoperable. He said that the manhole for this lift station had settled about four feet and that caused the manhole and piping to the lift station to fill with sand. There is a submersible pump in the lift station to pump the wastewater downstream. When flows come into the lift station from gas-powered pumps upstream, they come in at a higher rate than the submersible in the lift station is able to pump it out and it then overflows. Mr. Traiteur stated that the discharge doesn't go anywhere but stays in a depression near the station.

Mr. Traiteur stated that the Lady of Snows Lift Station (Lift Station #20) was not operational and the Lake Drive Pill Box (Lift Station # 21) needed to be pumped out three times per week. He also said that construction on the lift station in front of City Hall (Lift Station # 15) was scheduled to start in March and that we would observe that the pump is on top of the lift station in the rear of City Hall (Lift Station # 16) because it is in need of repair.

EPA gave Mr. Traiteur a list of documents it wished to have and notified Mr. Traiteur of the plans to drive to all the lift stations and observe their condition. Mr. Traiteur was unable to participate in the field inspection. EPA and IEPA left at approximately 12:45 P.M. to conduct the reconnaissance inspection.

At 1:00 P.M., EPA and IEPA arrived at Lift Station #11, the lift station at North 82<sup>nd</sup> and Bluff Street. It was not discharging on the day of the inspection. EPA also noted that the SSO on North 82<sup>nd</sup> Street was not discharging anymore.

At 1:12 P.M., EPA and IEPA arrived at Lift Station #10, the lift station at North 82<sup>nd</sup> Street and Bellevue Avenue. This lift station is downstream of Lift Station #11. This lift station was not discharging and the inspection team could hear what appeared to be a large volume of flow in the wet well in the street.

At 1:21 P.M., EPA and IEPA observed what Mr. Stitely calls “The Bellevue Ditch.” This ditch is a ditch for storm water flow. Mr. Stitely stated that when the ditch gets plugged with debris, the storm water backs up into the backyards and street.

At 1:33 P.M., EPA and IEPA observed the manhole that is the last manhole before the flow goes into the East St. Louis collection system, near north 82<sup>nd</sup> Street and Ridge Avenue. EPA and IEPA did not hear much flow in this manhole.

The EPA and IEPA inspectors drove back to the SSO on North 82<sup>nd</sup> Street to document the flow pathway to Canal #1. EPA observed continuous flow from the cleanout on North 82<sup>nd</sup> Street to Canal #1.



6: P2240059

Description: EPA documented the flow pathway from the cleanout on North 82<sup>nd</sup> Street to Canal #1. Note the toilet paper debris on the bank of the pathway.

Location: North 82<sup>nd</sup> Street SSO.

Camera Direction: North

Date/Time: 02/24/21/1:47 P.M.





7: P2240060

Description: The flow from the cleanout on North 82<sup>nd</sup> Street continues to the northwest between the homes.

Location: North 82<sup>nd</sup> Street SSO.

Camera Direction: Northwest

Date/Time: 02/24/21/1:47 P.M.



8: P2240061

Description: The flow pathway curves and follows the back property line of the homes on North 82<sup>nd</sup> Street. Looking downstream. Note the sanitary waste caught on the stick in the channel.

Location: Next to the home on North 82<sup>nd</sup> Street with the North 82<sup>nd</sup> Street SSO.

Camera Direction: West

Date/Time: 02/24/21/1:50 P.M.





9: P2240062

Description: Flow pathway continues to the southwest behind the homes on North 82<sup>nd</sup> Street. Looking upstream.

Location: Between North 82<sup>nd</sup> Street and North 80<sup>th</sup> Street.

Camera Direction: Northeast

Date/Time: 02/24/21/1:51 P.M.



10: P2240063

Description: Flow pathway continues to the southwest behind the homes on North 82<sup>nd</sup> Street. Looking downstream.

Location: Between North 82<sup>nd</sup> Street and North 80<sup>th</sup> Street.

Camera Direction: Southwest

Date/Time: 02/24/21/1:51 P.M.





11: P2240064

Description: Looking upstream at the flow pathway which originated at the cleanout on North 82<sup>nd</sup> Street.  
Location: Between North 82<sup>nd</sup> Street and North 80<sup>th</sup> Street.

Camera Direction: Northeast

Date/Time: 02/24/21/1:53 P.M.



12: P2240065

Description: Looking downstream at the flow pathway which originated at the cleanout on North 82<sup>nd</sup> Street.  
Location: Between North 82<sup>nd</sup> Street and North 80<sup>th</sup> Street.

Camera Direction: Southwest

Date/Time: 02/24/21/1:53 P.M.





13: P2240066

Description: The flow pathway took a turn to the northwest. Looking upstream.

Location: Between North 82<sup>nd</sup> Street and North 80<sup>th</sup> Street.

Camera Direction: Northeast

Date/Time: 02/24/21/1:54 P.M.



14: P2240067

Description: The flow pathway took a turn to the northwest. Looking downstream.

Location: Between North 82<sup>nd</sup> Street and North 80<sup>th</sup> Street.

Camera Direction: Northwest

Date/Time: 02/24/21/1:55 P.M.





15: P2240068

Description: Looking upstream at the flow pathway that began at the cleanout on North 82<sup>nd</sup> Street.

Location: East of North 80<sup>th</sup> Street.

Camera Direction: Northeast

Date/Time: 02/24/21/2:11 P.M.



16: P2240069

Description: Looking downstream at the flow pathway that began at the cleanout on North 82<sup>nd</sup> Street.

Location: East of North 80<sup>th</sup> Street.

Camera Direction: Northwest

Date/Time: 02/24/21/2:11 P.M.





17: P2240070

Description: Looking upstream at the flow pathway that began at the cleanout on North 82<sup>nd</sup> Street.

Location: East of North 80<sup>th</sup> Street.

Camera Direction: Northeast

Date/Time: 02/24/21/2:12 P.M.



18: P2240071

Description: Looking downstream at the flow pathway that began at the cleanout on North 82<sup>nd</sup> Street.

Location: East of North 80<sup>th</sup> Street.

Camera Direction: Northwest

Date/Time: 02/24/21/2:12 P.M.





19: P2240072

Description: Flow turns to the northwest toward the bend in North 80th Street. Looking upstream.

Location: East of North 80<sup>th</sup> Street.

Camera Direction: Northeast

Date/Time: 02/24/21/2:14 P.M.



20: P2240073

Description: Looking downstream after flow turns toward the northwest.

Location: East of North 80<sup>th</sup> Street.

Camera Direction: North

Date/Time: 02/24/21/2:14 P.M.





21: P2240074

Description: Looking upstream after flow turns toward the northwest.

Location: East of North 80<sup>th</sup> Street.

Camera Direction: Southeast

Date/Time: 02/24/21/2:15 P.M.



22: P2240075

Description: Looking downstream after flow turns toward the northwest. North 80<sup>th</sup> Street in background.

Location: East of North 80<sup>th</sup> Street.

Camera Direction: Northwest

Date/Time: 02/24/21/2:16 P.M.





23: P2240076

Description: Looking upstream as flow approaches North 80<sup>th</sup> Street.

Location: East of North 80<sup>th</sup> Street.

Camera Direction: Southeast

Date/Time: 02/24/21/2:18 P.M.



24: P2240077

Description: Looking downstream as flow approaches North 80<sup>th</sup> Street.

Location: East of North 80<sup>th</sup> Street.

Camera Direction: Northwest

Date/Time: 02/24/21/2:18 P.M.





25: P2240078

Description: Looking upstream as flow approaches twin culverts under North 80<sup>th</sup> Street.

Location: East of North 80<sup>th</sup> Street.

Camera Direction: East

Date/Time: 02/24/21/2:21 P.M.



26: P2240079

Description: Looking downstream at outlet of twin culverts under North 80<sup>th</sup> Street into Canal #1.

Location: West of North 80<sup>th</sup> Street.

Camera Direction: West

Date/Time: 02/24/21/2:23 P.M.

After documenting the flow pathway from the SSO on North 82<sup>nd</sup> Street to Canal #1, Ms. Rogers drove the sample to the laboratory in Hazelwood, Missouri while Mr. Maraldo, Mr. Flatebo, and Mr. Stitely drove to Lift Station #21.



While observing Lift Station #21, Mr. Flatebo noted that there was water coming up out of the ground near the lift station. Since there was evidence of recent excavation activity around the lift station, and not knowing if the water coming up from the ground was drinking water or wastewater, Mr. Maraldo took a bacteria sample, D01, at 3:00 P.M. Mr. Flatebo immediately drove to meet Ms. Rogers at the laboratory in Missouri to drop off both samples together. Mr. Maraldo informed Mr. Traiteur's staff of the potential water line break and they offered to coordinate with Illinois American Water, who maintains the drinking water system in this area.



278: CFCD0001\_20210224

Description: EPA took sample D01 at 3:00 P.M. from the bubbling discharge from the alley between Lake Dr. and Park Place

Location: Alley just southeast of Lift Station #21.

Camera Direction: East

Date/Time: 02/24/21/3:03 P.M.

Mr. Maraldo also observed evidence of a recent sewage discharge at Lift Station #21, including toilet paper debris surrounding a discharge pipe, fitted for a hose connection.





289: CFCD0002\_20210224

Description: Toilet paper debris surrounding a discharge pipe, fitted for a hose connection, for Lift Station #21.

Location: Lift Station #21, Ash St between Lake Dr. and Park Place.

Camera Direction: Southeast

Date/Time: 02/24/21/3:09 P.M.

At 4:00 P.M.the inspectors ended their observations for the day.

### **February 25, 2021**

On February 25, 2021, the EPA and IEPA inspectors met at the SSO location on North 82<sup>nd</sup> Street. The SSO was not discharging at that time. The EPA team split up to observe the remaining lift stations. Mr. Stitely accompanied Mr. Maraldo while Mr. Flatebo and Ms. Rogers went to different sites.

Mr. Maraldo and Mr. Stitely observed these lift stations in Alorton and the southern portion of Centreville:

- Lift Station #2
- Lift Station #3
- Lift Station #22
- Lift Station #13
- Lift Station #20

Mr. Flatebo and Ms. Rogers observed these lift stations:

- Lift Station #4
- Lift Station #12
- Lift Station #27
- Lift Station #21
- Lift Station #5
- Lift Station #6
- Lift Station #7
- Lift Station #8
- Lift Station #9



### Mr. Maraldo and Mr. Stitely Observations

On the way to Lift Station #2, Mr. Maraldo observed Illinois American Water crews working on the potential water line break near Lift Station #21. Mr. Maraldo and Mr. Stitely observed Lift Station #2 at 51<sup>st</sup> and Market St., and recorded coordinates, then observed the nearby Lift Station #3 at 53<sup>rd</sup> and Market St. Mr. Maraldo and Mr. Stitely then drove to Lift Station #22 near Lauralee and Violet. The lift station was not discharging. They then followed the dirt alley and found Lift Station #13 (Block House). The lift station building was in total disrepair with a damaged ceiling, uncovered wet well, and open control box. Mr. Stitely took photographs of the lift station and Mr. Maraldo returned to this location later in the day with the rest of the EPA Team and took photos.

Mr. Maraldo and Mr. Stitely then drove to Lift Station #20 (Lady of Snows).



30: CFCD0001\_20210225

Description: Lift Station #20. EPA noted that the vault cover was open to accommodate a pipe used to support a bypass pump. Note bypass piping.

Location: Missouri Ave, end of dirt access road just north of Rt. 13.

Camera Direction: Southeast

Date/Time: 02/25/21/9:48 A.M.





31: CFCD0002\_20210225

Description: Lift Station #20. EPA noted control vault cover was slightly open.

Location: Missouri Ave, end of dirt access road just north of Rt. 13.

Camera Direction: Southeast

Date/Time: 02/25/21/9:48 A.M.



32: CFCD0003\_20210225

Description: Lift Station #20. EPA noted toilet paper debris around the lift station.

Location: Missouri Ave, end of dirt access road just north of Rt. 13.

Camera Direction: Southeast

Date/Time: 02/25/21/9:52 A.M.





33: CFCD0004\_20210225

Description: Lift Station #20. Bypass pipe from lift station to manhole on Missouri Ave.

Location: Missouri Ave, dirt access road just north of Rt. 13.

Camera Direction: Southeast

Date/Time: 02/25/21/10:18 A.M.





34: CFCD0005\_20210225

Description: Lift Station #20. Bypass pipe from lift station entering manhole on Missouri Ave.

Location: Missouri Ave, dirt access road just north of Rt. 13.

Camera Direction: Southeast

Date/Time: 02/25/21/10:19 A.M.



Mr. Flatebo and Ms. Rogers Observations



29: P2250080

Description: Lift Station #4 is covered with a blue tarp. EPA noted that the electric box was on.

Location: Laura Avenue and North 63<sup>rd</sup> Street.

Camera Direction: Southwest

Date/Time: 02/25/21/8:30 A.M.



36: P2250081

Description: Lift Station #12 is also covered by a blue tarp. The lid underneath is cracked. EPA noted that there were repetitive sounds coming from the pumps in the lift station.

Location: Lake Drive and Beachland Place.

Camera Direction: Northeast

Date/Time: 02/25/21/8:37 A.M.





30: P2250082

Description: Lift Station #27 was behind fencing which did not completely enclose the lift station. Commonfields of Cahokia identifies this lift station as the Willie Holmes Pill Box.

Location: North side of Ames Drive between Elm Drive and North 70<sup>th</sup> Street.

Camera Direction: North

Date/Time: 02/25/21/8:54 A.M.



31: P2250083

Description: Lift Station #21, also named Lake Drive Pill Box, had evidence of recent overflow. EPA observed sanitary waste near the lift station.

Location: South side of North 71<sup>st</sup> Street between Lake Drive and Park Place.

Camera Direction: Northeast

Date/Time: 02/25/21/9:02 A.M.



After observing Lift Station #21, Mr. Flatebo and Ms. Rogers spoke with a contractor nearby who was doing some work on water lines. The contractor stated that they were contracted by Illinois American Water to move the drinking water service lines from the back of the homes to the front and connect them to the new water main that had been installed over a month ago. This work was being conducted on Park Place and North 70<sup>th</sup> Street.



32: P2250084

Description: Sanitary waste was observed on the ground around Lift Station #21. This station needs to be pumped out by Commonfields of Cahokia personnel three times per week.

Location: South side of North 71<sup>st</sup> Street between Lake Drive and Park Place.

Camera Direction: South

Date/Time: 02/25/21/9:03 A.M.



40: P2250085

Description: Lift Station #5's electrical box was turned off.

Location: South side of North 71<sup>st</sup> Street between Ames Drive and Julia Drive.

Camera Direction: Southeast

Date/Time: 02/25/21/9:15 A.M.





41: P2250086

Description: The inside of Lift Station #5.

Location: South side of North 71<sup>st</sup> Street between Ames Drive and Julia Drive.

Camera Direction: Down

Date/Time: 02/25/21/9:16 A.M.



42: P2250087

Description: Lift Station #6 was running and EPA did not see any evidence of overflow. EPA did notice a moderate sewer odor near the lift station.

Location: South side of Oakland Street between North 73<sup>rd</sup> Street and North 74<sup>th</sup> Street.

Camera Direction: Southwest

Date/Time: 02/25/21/9:22 A.M.





43: P2250088

Description: Wet well for Lift Station #6 is across the street.

Location: South side of Oakland Street between North 73<sup>rd</sup> Street and North 74<sup>th</sup> Street.

Camera Direction: Northeast

Date/Time: 02/25/21/9:22 A.M.



44: P2250089

Description: Lift Station #7 had only one pump in it. Fencing was not completely protective of the lift station.

Location: South side of North 73<sup>rd</sup> Street between Dorris Street and State Street.

Camera Direction: Southwest

Date/Time: 02/25/21/9:30 A.M.





45: P2250090

Description: Just southwest of Lift Station #7 is an uncovered brick manhole that was filled with water. EPA told the Manager of Commonfields of Cahokia about this safety hazard on 2/25/21.

Location: South side of North 73<sup>rd</sup> Street between Dorris Street and State Street.

Camera Direction: Down

Date/Time: 02/25/21/9:32 A.M.



46: P2250091

Description: Lift Station #8 was not operational. The open manhole had a pipe across it from which a submersible pump was hanging. The manhole contained water.

Location: North 75<sup>th</sup> Street approximately 1000' north of Pershing Street.

Camera Direction: Down

Date/Time: 02/25/21/9:55 A.M.





47: P2250092

Description: Lift Station #8 was not operational. The manhole across North 75<sup>th</sup> Street had a pipe across it from which a submersible pump was hanging. The manhole contained water.

Location: North 75<sup>th</sup> Street approximately 1000' north of Pershing Street.

Camera Direction: Down

Date/Time: 02/25/21/9:55 A.M.



48: P2250093

Description: Manhole across North 75<sup>th</sup> Street from Lift Station #8 had a submersible pump hanging in the wet well. The manhole cover was laying next to the open manhole.

Location: North 75<sup>th</sup> Street approximately 1000' north of Pershing Street.

Camera Direction: Northeast

Date/Time: 02/25/21/9:56 A.M.





49: P2250094

Description: Lift Station #8 is not operational.

Location: North 75<sup>th</sup> Street approximately 1000' north of Pershing Street.

Camera Direction: South

Date/Time: 02/25/21/9:56 A.M.



50: P2250095

Description: Lift Station #9 did not have any evidence that it had overflowed recently.

Location: Northeast corner of North 75<sup>th</sup> Street and Pershing Street.

Camera Direction: East

Date/Time: 02/25/21/10:00 A.M.



EPA inspectors Mr. Flatebo and Ms. Rogers then joined up with Mr. Maraldo and Mr. Stitely at Lift Station #20 (Lady of Snows).



51: P2250096

Description: Lift Station #20 was being bypassed by piping that took it up to the street level and to a manole. This lift station is also known as Lady of Snows.

Location: Missouri Ave, end of dirt access road just north of Rt. 13.

Camera Direction: Northeast

Date/Time: 02/25/21/10:11 A.M.



52: P2250097

Description: The hose to the right of the driveway takes the flow that is pumped from the lift station to a manhole at street level.

Location: Missouri Ave, end of dirt access road just north of Rt. 13.

Camera Direction: Northwest

Date/Time: 02/25/21/10:11 A.M.



Together with Mr. Stitely, all three EPA inspectors drove back to Lift Station #22 at Lauralee Drive and Violet Drive. EPA and IEPA walked northwest to Lift Station # 13, also named the Block House. The Block House was in complete disrepair and was not functional. The roof of the Block House had fallen into the pump station, there was no cover on the wet well, and the station was not locked.



53: CFCD0006\_20210225

Description: Lift Station #13. Lift station building in disrepair and unlocked.

Location: Lauralee Dr., dirt access road between homes and field to the east.

Camera Direction: South

Date/Time: 02/25/21/10:34 A.M.



54: CFCD0007\_20210225

Description: Lift Station #13. Lift station wet well cover damaged and open to the elements.

Location: Lauralee Dr., dirt access road between homes and field to the east.

Camera Direction: East

Date/Time: 02/25/21/10:35 A.M.





55: CFCD0008\_20210225

Description: Lift Station #13. Ceiling of lift station building damaged and open to the elements.

Location: Lauralee Dr., dirt access road between homes and field to the east.

Camera Direction: South

Date/Time: 02/25/21/10:35 A.M.

The inspection team then walked further northwest and observed a submersible pump in a manhole. The manhole did not have a cover on it and Mr. Stitely observed a child's shoe laying near the manhole. There was sanitary waste laying next to the manhole from when it had been cleaned out.





56: CFC0009\_20210225

Description: Sewer manhole approximately 300 feet northwest of Lift Station #13. Manhole uncovered and open to the elements.

Location: Lauralee Dr. area, along dirt access road 300 feet northwest of Lift Station #13.

Camera Direction: N/A

Date/Time: 02/25/21/10:38 A.M.

EPA and IEPA then drove to Lift Station #1 before heading to meet Mr. Traiteur at his office.



57: P2250098

Description: Lift Station #1 is behind a locked fence.

Location: Violet Drive southwest of Lauralee Drive where the road bends.

Camera Direction: West

Date/Time: 02/25/21/10:56 A.M.



Following the observation of Lift Station #1, the EPA and IEPA inspectors drove to the Commonfields of Cahokia office and met with Mr. Traiteur for the closing conference. EPA took receipt of a box of citizen complaints and work orders and Mr. Traiteur stated that he would send the rest electronically. Mr. Traiteur stated that the Lift Station # 20, Lady of Snows, was planned to be refurbished next year. When Mr. Stitely asked why the hose was laid above ground to a manhole, Mr. Traiteur said it was more convenient. This lift station is located near a wetland and Harding Ditch. Mr. Traiteur stated that although there had been a blowout of the hose when it was run over by a lawn mower, the pump hadn't cycled yet and the hose was repaired before wastewater discharged onto the ground.

EPA told Mr. Traiteur about the observation of the submersible pump in the manhole northwest of Lift Station #13, the Block House Lift Station. Mr. Traiteur explained that since the Block House Lift Station is not operational and is abandoned, the manhole is being used to pump wastewater directly to Lift Station #22 at Lauralee Drive and Violet Drive. Mr. Traiteur stated that the piping to and from the Block House is broken in several places.

EPA told Mr. Traiteur about the uncovered brick sewer near Lift Station #7 and that it was a safety hazard. Mr. Traiteur stated that he would go look at it and get it covered. EPA also told Mr. Traiteur about other maintenance issues the inspection team observed, including the safety hazard of the open manhole at Lift Station #8, the open manhole northwest of the Block House, the sanitary waste laying in a pile by Lift Station #27, and the sanitary waste by the manhole northwest of the Block House. Mr. Maraldo mentioned to Mr. Traiteur that there appears to be a general lack of maintenance in the system and asked if Commonfields had a sufficient staff of skilled sewer technicians and operators. He stated he was the only person on staff with sufficient training and experience in sewer operations and maintenance.

EPA and IEPA then drove to Lift Station #14 and observed that the deep manhole, which appeared abandoned, was unlocked. EPA tried to find Lift Station #24, but could not locate it. EPA did locate Lift Station #18, known as Greystone Apartments, behind the playground next to the apartment complex office building. The apartment complex maintenance manager stated that she had seen this lift station overflow a couple times. The overflow would flow to the lower elevation playground. There was no lock on the gate around the lift station.





58: P2250099

Description: Lift Station #14 is in an open field behind residential area. The deep manhole in the background is not locked and is a safety hazard.

Location: Baldwin Lane northeast of Adams Drive.

Camera Direction: Northeast

Date/Time: 02/25/21/12:07 P.M.



59: P2250100

Description: Lift Station #18 is behind the playground for the Greystone Apartments. There is no lock on the gate around the lift station.

Location: Behind building at corner of Greystone Drive and Missouri Avenue.

Camera Direction: South

Date/Time: 02/25/21/1:07 P.M.





60: P2250101

Description: EPA observed the lift station behind the playground and noted that the slope of the ground was toward the playground, which was in a slight depression.

Location: Behind building at corner of Greystone Drive and Missouri Avenue.

Camera Direction: Southwest

Date/Time: 02/25/21/1:08 P.M.

EPA and IEPA then drove to Lift Stations #17 and #26 in the Signal Hill neighborhood of Belleville, Illinois. Neither of these lift stations appeared to have had any recent overflows.



61: P2250102

Description: Lift Station #17 had locked fencing around it.

Location: East side of Creston Drive north of Hazel Avenue.

Camera Direction: North

Date/Time: 02/25/21/1:42 P.M.





62: P2250103

Description: Lift Station #26 was locked and did not have any evidence of overflows.

Location: The bottom of the hill on Superior Drive between Circle Drive and Mildred Street.

Camera Direction: South

Date/Time: 02/25/21/1:45 P.M.

This concluded the observation of the lift stations owned and managed by Commonfields of Cahokia. The EPA inspectors left to drive to their homes. Ms. Rogers observed this neighborhood wastewater pump facility in the Signal Hill neighborhood.



63: P2250104

Description: A neighborhood wastewater pump facility in the Signal Hill neighborhood. Location: Superior and South 88<sup>th</sup> Street.

Camera Direction: Southwest

Date/Time: 02/25/21/2:18 P.M.



EPA received the analysis of the sample results on March 1, 2021.

- Sample S01, taken on 02/24/2021 at 11:04 A.M. had 19,400 MPN/100 ml.
- Sample D01, taken on 02/24/2021 at 3:00 P.M. had < 100 MPN/100 ml.

(MPN = Most Probably Number)

### **LIST OF ATTACHMENTS**

Attachment A: Sample Analysis

Attachment B: Map of Observation Locations





February 26, 2021

Cassidy Owen  
Eastern Research Group  
14555 Avion Parkway Ste 200  
Chantilly, VA 20151

RE: ERG Stormwater April 2020

Dear Cassidy Owen:

Please find enclosed the analytical results for the **2** sample(s) the laboratory received on **2/24/21 3:43 pm** and logged in under work order **EB04069**. All testing is performed according to our current TNI accreditations unless otherwise noted. This report cannot be reproduced, except in full, without the written permission of PDC Laboratories, Inc.

If you have any questions regarding your report, please contact your project manager. Quality and timely data is of the utmost importance to us.

PDC Laboratories, Inc. appreciates the opportunity to provide you with analytical expertise. We are always trying to improve our customer service and we welcome you to contact the Director of Client Services, Lisa Grant, with any feedback you have about your experience with our laboratory at 309-683-1764 or [lgrant@pdclab.com](mailto:lgrant@pdclab.com).

Sincerely,

Chenise Lambert-Sykes  
Project Manager  
lscyl  
[clambert-sykes@pdclab.com](mailto:clambert-sykes@pdclab.com)







**SAMPLE RECEIPT CHECK LIST**

**Items not applicable will be marked as in compliance**

---

Work Order    EB04069

---

YES	Samples received within temperature compliance when applicable
YES	COC present upon sample receipt
YES	COC completed & legible
YES	Sampler name & signature present
YES	Unique sample IDs assigned
NO	Sample collection location recorded
YES	Date & time collected recorded on COC
YES	Relinquished by client signature on COC
YES	COC & labels match
YES	Sample labels are legible
YES	Appropriate bottle(s) received
YES	Sufficient sample volume received
YES	Sample containers recieved undamaged
NO	Zero headspace, <6 mm present in VOA vials
NO	Trip blank(s) received
NO	All non-field analyses received within holding times
YES	Short hold time analysis
YES	Current PDC COC submitted
NO	Case narrative provided



**Case Narrative**

Total Residual Chlorine (TRC) samples should be collected in unpreserved containers with zero headspace, however, the sample was collected in a preserved container. As a result, the analysis was cancelled.

---





### ANALYTICAL RESULTS

**Sample:** EB04069-01  
**Name:** S01  
**Matrix:** Storm Water - Grab

**Sampled:** 02/24/21 11:04  
**Received:** 02/24/21 15:43  
**PO #:** 0352.02.002/26

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>Microbiology - STL</b>									
Fecal coliform bacteria	19400	MPN/100 mL		02/24/21 16:27	1	10.0	02/24/21 16:27	BCH	SM 9223B*

**Sample:** EB04069-02  
**Name:** D01  
**Matrix:** Storm Water - Grab

**Sampled:** 02/24/21 15:00  
**Received:** 02/24/21 15:43  
**PO #:** 0352.02.002/26

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>Microbiology - STL</b>									
Fecal coliform bacteria	< 100	MPN/100 mL		02/24/21 16:27	1	100	02/24/21 16:27	BCH	SM 9223B*



## NOTES

Specifications regarding method revisions and method modifications used for analysis are available upon request. Please contact your project manager.

\* Not a TNI accredited analyte

### Certifications

CHI - McHenry, IL - 4314-A W. Crystal Lake Road, McHenry, IL 60050

TNI Accreditation for Drinking Water and Wastewater Fields of Testing through IL EPA Accreditation No. 100279  
Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17556

PIA - Peoria, IL - 2231 W. Altorfer Drive, Peoria, IL 61615

TNI Accreditation for Drinking Water, Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. 100230

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17553

Drinking Water Certifications/Accreditations: Iowa (240); Kansas (E-10338); Missouri (870)

Wastewater Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

Solid and Hazardous Material Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

SPMO - Springfield, MO - 1805 W Sunset Street, Springfield, MO 65807

USEPA DMR-QA Program

STL - Hazelwood, MO - 944 Anglum Rd, Hazelwood, MO 63042

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through KS KDHE Certification No. E-10389

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. - 200080

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory, Registry No. 171050

Missouri Department of Natural Resources - Certificate of Approval for Microbiological Laboratory Service - No. 1050



Certified by: Chenise Lambert-Sykes, Project Manager



## Chenise Lambert-Sykes

---

**From:** Rogers, Joan <rogers.joan@epa.gov>  
**Sent:** Wednesday, February 24, 2021 5:18 PM  
**To:** Chenise Lambert-Sykes; Cassidy Owen  
**Subject:** Sampling for TRC

Chenise,

By this email, I am acknowledging that TRC is not to be performed on the sample D01, taken at 3:00pm. As the bottle contains the sodium thiosulfate, we realize that performing an analysis for TRC is not useful.

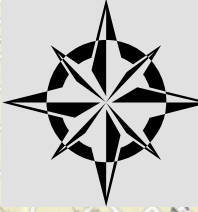
Thank you.  
-Joan

Joan Rogers  
U.S. EPA  
77 W. Jackson Blvd  
ECW-15J  
Chicago, IL 60604  
312-886-2785  
[Rogers.joan@epa.gov](mailto:Rogers.joan@epa.gov)



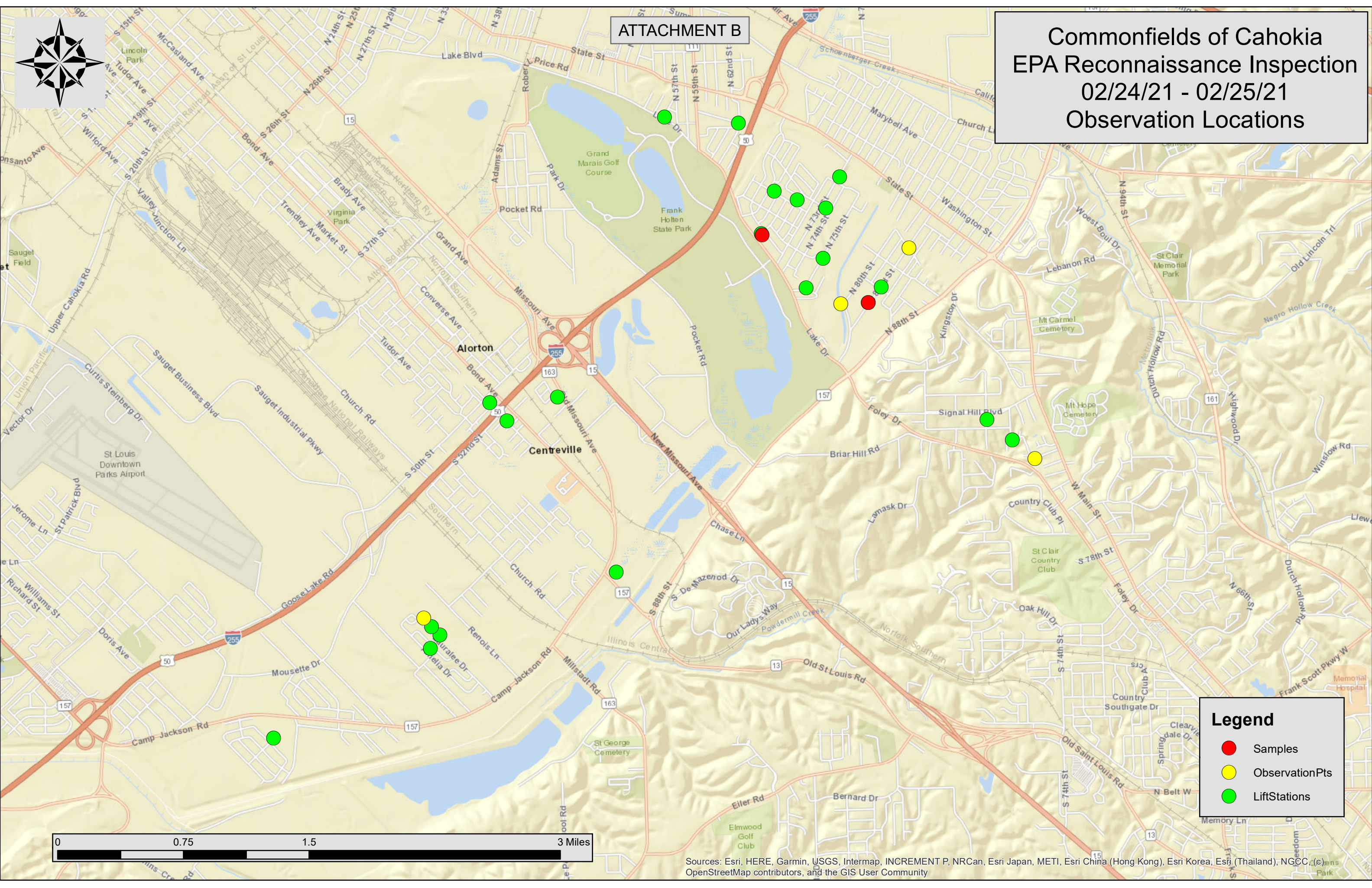






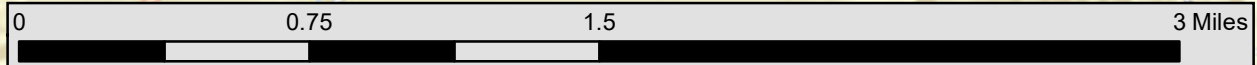
# ATTACHMENT B

## Commonfields of Cahokia EPA Reconnaissance Inspection 02/24/21 - 02/25/21 Observation Locations



**Legend**

- Samples
- ObservationPts
- LiftStations



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) 2019 OpenStreetMap contributors, and the GIS User Community