

**SIXTH FIVE-YEAR REVIEW REPORT FOR
CENTRAL ILLINOIS PUBLIC SERVICE CO. SUPERFUND SITE
CHRISTIAN COUNTY, ILLINOIS**



Prepared by

**U.S. Environmental Protection Agency
Region 5
CHICAGO, ILLINOIS**

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X Douglas Ballotti

Douglas Ballotti, Director
Superfund & Emergency Management Division
Signed by: DOUGLAS BALLOTTI

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LIST OF ABBREVIATIONS & ACRONYMS

Ameren	Ameren Illinois Company
ARAR	Applicable or Relevant and Appropriate Requirement
bgs	Below Ground Surface
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CD	Consent Decree
CFR	Code of Federal Regulations
CIPS	Central Illinois Public Service
COCs	Contaminants of Concern
IAC	Illinois Administrative Code
EPA	United States Environmental Protection Agency
ESD	Explanation of Significant Differences
FFS	Focused Feasibility Study
FS	Feasibility Study
FYR	Five-Year Review
Illinois EPA	Illinois Environmental Protection Agency
IRA	Immediate Removal Action
ICs	Institutional Controls
ISCO	In-Situ Chemical Oxidation
ISS	In-Situ Solidification and Stabilization
LTS	Long-term Stewardship
MGP	Manufactured Gas Plant
MCL	Maximum Contaminant Level
mg/L	Micrograms Per Liter
MNA	Monitored Natural Attenuation
MW	Monitoring Well
NCP	National Oil and Hazardous Substances Pollution Contingency Plan
NPL	National Priorities List
OU	Operable Unit
O&M	Operation and Maintenance
PAHs	Polynuclear Aromatic Hydrocarbons
PPB	Parts Per Billion
PRP	Potentially Responsible Party
P&T	Pump and Treat System
RA	Remedial Action
RAO	Remedial Action Objective
RDI	Remedial Delineation Investigation
RD	Remedial Design
RI	Remedial Investigation
RPM	Remedial Project Manager
ROD	Record of Decision
SARA	Superfund Amendments and Reauthorization Act of 1986
SCGW	Soil Component to Class 1 Groundwater
Site	Central Illinois Public Service Co. Superfund Site

TBC	To Be Considered
UU/UE	Unlimited Use and Unrestricted Exposure
UECA	Uniform Environmental Covenants Act
VOCs	Volatile Organic Compounds

I. INTRODUCTION

The purpose of a Five-Year Review (FYR) is to evaluate the implementation and performance of a remedy in order to determine if the remedy is and will continue to be protective of human health and the environment. The methods, findings, and conclusions of reviews are documented in FYR reports such as this one. In addition, FYR reports identify issues found during the review, if any, and document recommendations to address them.

The United States Environmental Protection Agency (EPA) is preparing this FYR pursuant to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Section 121, consistent with the National Oil and Hazardous Substances Pollution Contingency Plan (NCP) (40 CFR Section 300.430(f)(4)(ii)) and considering EPA policy.

This is the sixth FYR for the Central Illinois Public Service (CIPS) Co. Superfund Site (the Site). The triggering action for this statutory review is the completion of the fifth FYR report. The FYR has been prepared due to the fact that hazardous substances, pollutants, or contaminants remain at the Site above levels that allow for unlimited use and unrestricted exposure (UU/UE). The Site consists of one Operable Unit (OU), which will be addressed in this FYR. OU1 addresses the soil and groundwater remedy.

The Site FYR was led by David Linnear, Remedial Project Manager (RPM) with the EPA, in affiliation with the Illinois Environmental Protection Agency (Illinois EPA). Participants included Gregory Miller (Illinois EPA) and Ruth Muhtsun (EPA Community Involvement Coordinator). The relevant entities, including the Potentially Responsible Party (PRP) and Illinois EPA, were notified of the initiation of the FYR on 8/11/2023. The review began on 8/11/2023.

Site Background

The Site (See Figure 1 in Appendix C) is located in Christian County at 917 South Webster Street in Taylorville, Illinois. The Site is 2.4 acres in size. The Site is bordered on the north by a residential area. On the south, it is bounded by Seaman Estates subdivision which consists of eight large, wooded tracts with several single-family residences. All the tracts surround Seaman Estates Pond. To the east of the Site is Manners Park, which is the City's main multi-use facility. The Site is bounded immediately on the west by the Ameren CIPS pole yard and railroad tracks. None of these uses are expected to change in the foreseeable future.

A manufactured gas plant (MGP) operated on the Site property from 1883 to 1932. In 1932, the plant was closed and most of the above ground structures were torn down, and the below ground tanks were filled with debris and left in place. These structures and associated building debris have since been removed from the Site. A septic tank contractor discovered coal tar contamination at the Site in October 1985. Coal tar is a byproduct of the coal gasification process and is comprised mainly of polynuclear aromatic hydrocarbons (PAHs), such as naphthalene and benzo(a)anthracene, as well as volatile organic compounds (VOCs), such as benzene and toluene.

Groundwater flows from the northeast to southwest direction through a fairly well sorted sand and gravel unconfined aquifer. The aquifer extends 90 feet below ground surface (bgs) and is underlain by

bedrock comprised of limestone and dolomite. The water table beneath the Site is approximately 15 feet bgs.

The Site was listed on the National Priorities List (NPL) on August 30, 1990. There currently is no anticipated future use for the Site due to contaminants remaining in place.

FIVE-YEAR REVIEW SUMMARY FORM

SITE IDENTIFICATION		
Site Name: Central Illinois Public Service Co.		
EPA ID: ILD981781065		
Region: 5	State: IL	City/County: Taylorville/Christian County
SITE STATUS		
NPL Status: Final		
Multiple OUs? No	Has the site achieved construction completion? Yes	
REVIEW STATUS		
Lead agency: EPA <i>[If "Other Federal Agency", enter Agency name]:</i>		
Author name (Federal or State Project Manager): David Linnear		
Author affiliation: EPA		
Review period: 8/11/2023 - 5/9/2024		
Date of site inspection: 3/26/2024		
Type of review: Statutory		
Review number: 6		
Triggering action date: 6/24/2019		
Due date <i>(five years after triggering action date)</i> : 6/24/2024		

II. RESPONSE ACTION SUMMARY

Basis for Taking Action

The Site investigation conducted by Illinois EPA in 1986 concluded soil at the Ameren CIPS Site property and sediments in the Seaman Pond near the Site property were contaminated with PAHs. Groundwater at the Site was contaminated with PAHs and VOCs. The primary contaminants of concern (COCs) affecting the soil, sediment, debris, and groundwater at the Site were VOCs, including benzene, toluene, ethyl benzene, and xylenes; and other organics, including PAHs and phenols. Benzene represents the most prevalent detected VOC in groundwater. Since the initial site investigation, additional COCs for the Site have expanded to include benzo(a)anthracene, benzo(a)pyrene, and naphthalene. Potential receptors that could have been affected through direct contact, ingestion, and inhalation by site COCs if not addressed included nearby local residents and recreational visitors to Manners Park, which is a community park in Taylorville. No ecological risk assessment was done to identify further risk and threats for ecological receptors.

Response Actions

Environmental contamination was first discovered in October 1985 when coal tar was observed in subsurface soil during utility work. An Immediate Removal Action (IRA) to locate and remove all buried tanks and pits at the Site which contained coal tar or other wastes was initiated in January 1987 and completed in March 1987. The IRA was conducted at the Site voluntarily by CIPS, an Ameren predecessor, under Illinois EPA's oversight, to excavate and dispose of approximately 12,000 cubic yards of impacted soil down to the water table and approximately 3,000 cubic yards of sediments in the drainage swale off the source property. In October 1987, Ameren provided a permanent alternative water supply to approximately 20 residents and plugged and abandoned associated private drinking water wells.

The Illinois EPA issued a Record of Decision (ROD) on September 30, 1992, with EPA concurrence (EPA, 1992). The selected remedial action for the Site included documenting the previously implemented IRA as part of the remedy. Major elements of that included:

- Excavation of source materials above the water table (9,000 cubic yards of soil; 3,000 cubic yards of sediment); disposal of source materials off-Site in a permitted landfill; and backfilling of excavation areas with clean materials.
- Connection of potentially affected residents to the public water supply; and plugging and abandonment of associated private drinking-water wells.
- Monitoring of groundwater, surface water, pond sediment and fish downstream of the Site; completion of a remedial investigation (RI) and feasibility study (FS) for the Site.

The final remedial action selected in the 1992 ROD provided for treatment of the remaining principal threat at the Site, posed by groundwater contamination. The major components of the selected remedy included:

- Construction of an on-Site groundwater pump and treat (P&T) system; and operation and maintenance (O&M) of the system until Agency cleanup objectives are met.
- Expansion of the monitoring program for untreated groundwater and treatment system effluent, to supplement current monitoring efforts.
- Complete fencing (with signs) of the Site; and land use and deed restrictions, to the extent possible, for the Site and affected off-Site areas.

The remedial action objectives (RAOs) for the Site were to treat the Site-related constituents contained in the groundwater to meet cleanup levels to protect potential future residential users of groundwater. Residual subsurface Site-related constituents should be prevented from migrating off-Site. Access to the Site and performance of intrusive work on the property should be restricted. Accomplishing these specific objectives, accomplishes the general objective to mitigate the endangerment to the public health, welfare, and the environment.

The aquifer impacted by the Site was considered Class I, Potable Resource Groundwater, as defined by the Illinois Groundwater Protection Act. No soil or sediment cleanup levels were established because they completed the IRA which established soil and sediment cleanup levels necessary to ensure no health or ecological risks or threats remained in 1987 therefore none were required. The groundwater cleanup levels, based on MCLs, are presented in Table 1 below.

Table 1: Cleanup Levels for COCs in Groundwater

Contaminant	Class I Groundwater Cleanup Level (in micrograms per liter [mg/L])
VOCs:	
Benzene	0.005
Toluene	1.0
Ethylbenzene	0.7
Xylenes	10
Trans-1,2-dichloroethylene	0.1
2-Methylphenol	0.35
4-Methylphenol	0.35
Dichloromethane	0.0002
Bromoform	0.0002
Di-n-butyl phthalate	0.7
Bis(2-ethylhexyl)phthalate	0.0027
PAHs:	
Acenaphthene	0.42
Anthracene	2.1
Benzo(a)anthracene	0.00013
Benzo(a)pyrene	0.00023
Benzo(b)fluoranthene	0.00018
Benzo(k)fluoranthene	0.00017
Chrysene	0.0015
Dibenzo(a,h)anthracene	0.0003
Fluoranthene	0.28
Fluorene	0.28
Indeno(1,2,3-c,d)pyrene	0.00043
Naphthalene	0.025
Pyrene	0.21
Other Non-Carcinogenic PAHs:	
Acenaphthylene	0.21

Benzo(g,h,i)perylene	0.21
Phenanthrene	0.21

On September 6, 2005, the Illinois EPA issued an Explanation of Significant Differences (ESD), with EPA concurrence that included changes to the remedy selected in the 1992 ROD (Illinois EPA, 2005). The changes were:

- Allow Ameren CIPS to conduct a pilot study on an alternate treatment method in an attempt to reduce or eliminate the length of operation time of the current groundwater P&T system; The ESD allowed CIPS to conduct a pilot study for chemical oxidant injection for 90 days.
- Revise the clean-up objective for benzo(a)pyrene as a new Maximum Contaminant Level (MCL) of 0.0002 mg/L had been recently established for this constituent; and
- Update the clean-up objectives related to surface water quality standards for the other COCs based on new toxicity information.

Status of Implementation

The Illinois EPA executed a Consent Decree (CD) with Ameren in March 1994, under which Ameren agreed to perform the Remedial Design/Remedial Action (RD/RA) for the Site (the March 1994 CD). The Illinois EPA oversaw the RD/RA. By February 1995, a groundwater P&T system was installed to address groundwater impacts. The P&T system has operated continuously, except as noted below. Illinois EPA approved a final site O&M Plan in February 1995 (Ameren, 1995). Ameren has continued to conduct O&M activities at the Site. The Site has been in the monitoring phase since 1995. Site-related contaminants have declined in the groundwater, however, there are still some exceedances of the State standards in groundwater.

In-Situ Chemical Oxidation Activities

In October 2006, as part of the examination of alternate treatments, the P&T system was temporarily turned off and a series of in-situ chemical oxidation (ISCO) injections were performed at the Site to evaluate chemical and biological oxidation of contaminants. The treatment system was shut down for approximately three months and was restarted in January 2007. Monitoring of groundwater was increased while the P&T system was shut down; and no off-Site migration of groundwater contaminants were detected. Additional ISCO activities were conducted in 2010 and the groundwater P&T system at the Site was turned off to allow time for chemical/biological reactions to occur. The P&T system was restarted in two phases: the western extraction well was restarted on January 24, 2013, and the eastern extraction well was restarted on February 7, 2013.

2015 Groundwater Modeling Study

Groundwater at the Site was predictive modeled in 2004 and 2009 by Barr Engineering. More recently, groundwater was modeled by Barr Engineering in 2015 utilizing a groundwater flow and solute transport model (Barr 2015). The 2015 modeling was developed to provide a tool for estimating the plume extent if the extraction wells were turned off in support of a transition to monitored natural attenuation (MNA) and/or long-term monitoring. The model assumed Site conditions included

groundwater flowing to the south during pumping and staying generally flat when no pumping took place. The model scenarios examined predictive concentrations over a 100-year period.

P&T Shutdown and Rebound Study

In September 2017, the P&T system was shut down and Ameren conducted a rebound evaluation. The rebound evaluation initially demonstrated that the P&T system was controlling the plume and preventing further migration of COCs. After nearly two years without the P&T system, a slight increase in COC concentrations was observed in samples collected from monitoring wells toward the downgradient edge of the Site. The source removals and injection activities that Ameren has conducted have significantly reduced groundwater concentrations to levels slightly elevated relative to the remedial goals. The P&T system continues to reduce groundwater concentrations, however, as indicated by the rebound evaluation conducted in 2019 and by evaluation of the groundwater data collected to date, it is reducing concentrations of COCs at a lower rate.

Groundwater and surface water monitoring has continued without interruption since 2019. The P&T system ran without any problems prior to its shutdown in 2017. Ameren tested the P&T system and resumed operation consistent with remedy implementation in June 2019. Ameren continues to conduct quarterly groundwater sampling and sampling of Seaman Estate Pond.

2022 Investigation Activities

Ameren conducted a soil and groundwater investigation in 2022 to determine the nature and extent of residual contamination in soil as a continuing source of COCs in groundwater. Many of the COCs in groundwater have been removed, with diminishing reduction of residual concentrations over the last decade. Although a substantial reduction was initially observed and despite adjustments and improvements to the P&T system, this approach has not completely attained cleanup standards to date. In June 2023, Ameren prepared a Focused Feasibility Study (FFS) to present the development and re-evaluation of potential other remedial actions for the Site. After further treatment of residual soil, Illinois EPA determined groundwater concentrations are expected to meet remediation goals much sooner than continuing operation of the P&T system. The existing P&T system, while effectively removing most of the groundwater contamination, would take an estimated 100 years or longer to meet the Illinois Groundwater Quality Standards (ERM, 2023).

2024 Current Status

The Illinois EPA and Ameren are considering remedial alternatives to complete cleanup of the Site to achieve RAOs within a reasonable amount of time. In July 2023, the Illinois EPA released a Proposed Plan to the public outlining six different remedial technologies that were evaluated in the FFS. Illinois EPA's current preferred remedial alternative, pending public comment, is in-situ solidification and stabilization (ISS) with monitored natural attenuation (MNA) (Illinois EPA, 2023). The ISS pilot study activities, including the abandonment of certain monitoring wells, and was approved by the Illinois EPA in a letter dated June 21, 2023.

For this alternative, the P&T system, including monitoring and extraction wells and associated piping, would be permanently removed so ISS can be implemented. For ISS, a slurry mixture of binding agents is developed and mixed with subsurface soil using large diameter augers. The mixture then cures and hardens in situ to form a stabilized, monolithic subsurface structure. Stabilization can also include mixing contaminated soil with other binding agents, which are intended to cause a chemical reaction

with COCs to make them less likely to be released to the surrounding environment. During implementation of ISS, downgradient monitoring wells would be selected and/or installed to monitor groundwater quality. These monitoring wells would be sampled prior to remedial action implementation, then during remedial activities, and be used to demonstrate the point of compliance. Illinois EPA will evaluate public comments regarding the preferred remedial alternative during the public comment period before selecting a final remedial alternative. Based on new information or public comments, Illinois EPA may modify its preferred remedial alternative or select another alternative.

Institutional Controls

Table 2 below provides a summary of ICs that have been implemented for the Site.

Table 2: Summary of Implemented ICs

Media, engineered controls, and areas not supporting UU/UE based on current conditions	ICs Needed	ICs Called for in the Decision Documents	Impacted Parcel(s)	IC Objective	Title of IC Instrument Implemented and Date (or planned)
Soil	Yes	Yes	Area of soil covered to prevent direct contact with waste and infiltration of water to the waste	To prevent direct contact with residual hazardous waste and infiltration of water through the waste by prohibiting the residential use of the property	Uniform Environmental Covenants Act (UECA) Environmental Covenant signed August 20, 2012 and recorded August 30, 2012 applies to 2.4 acres.
Groundwater	Yes	Yes	Groundwater underlying the Site Property	To prohibit groundwater use until cleanup standards are achieved	UECA Environmental Covenant signed August 20, 2012 and recorded August 30, 2012 applies to 2.4 acres.
Soil	Yes	Yes	Area of the Site property	To prohibit activities and uses which may interfere with work performed	UECA Environmental Covenant signed August 20, 2012 and recorded August 30, 2012 applies to 2.4 acres.

Groundwater	Yes	Yes	P&T system including related equipment	To prohibit interference with remedy component	UECA Environmental Covenant signed August 20, 2012 and recorded August 30, 2012 applies to 2.4 acres and City of Taylorville ordinance.
Groundwater	Yes	Yes	Contaminated Groundwater outside Site Property	To prohibit groundwater use until cleanup standards are achieved	Covering outside and including area of UECA Environmental Covenant signed August 20, 2012 and recorded August 30, 2012 applies to 2.4 acres.

A map showing the area in which the ICs apply is included in Attachment C and depicts the current conditions of the Site and areas which do not allow for UU/UE.

Status of Access Restrictions and ICs:

Effective ICs are in place for the Site. On August 30, 2012, Ameren recorded an Environmental Covenant which granted Illinois EPA and EPA access to the Site and restricted the installation of wells, use and handling of groundwater, and handling of soils on the property. This covenant applies to the entirety of the 2.4-acre parcel on which the Site is located. Further, there are no current groundwater users at or downgradient of the Site due to the City of Taylorville's ordinance restricting the use of groundwater within the city limits including parcels to the south, downgradient of the Site by the local ordinance and an environmental covenant prohibiting the installation of potable groundwater wells or use of the groundwater.

Current Compliance:

Based on the Site inspections, and discussions with the PRP and Illinois EPA, the ICs and required use restrictions are being complied with. EPA is not aware of Site or media uses, such as groundwater, which are inconsistent with the stated objectives to be achieved by the ICs. The P&T remedy appears to be functioning as intended at this time. No Site uses which are inconsistent with the implemented ICs or remedy IC objectives were noted during the FYR Site inspection. The Ameren provides a status of ICs in the quarterly O&M reports.

Long Term Stewardship:

Long-term protectiveness requires continued compliance with the ICs consisting of land use and groundwater use restrictions to ensure the remedy continues to function as intended. Currently ICs are being monitored on a quarterly basis. A finalized Long-term Stewardship (LTS) Plan dated November 7, 2022, was approved by Illinois EPA on April 12, 2023 (Ameren, 2022) to help ensure that ICs continue to be monitored and maintained at the Site.

Systems Operations/Operation & Maintenance

Ameren has been conducting O&M activities at the Site since September 6, 1995, when the Preliminary Close Out Report was completed. All O&M activities are overseen by Illinois EPA and enforced under the March 1994 CD. In February 1995, a groundwater extraction and treatment system (P&T system) was installed to address groundwater impacts. The P&T system is designed to operate continuously. Ameren personnel operate the facility at the Site, providing management and environmental support for Ameren. Pumping and treatment of groundwater occurs 24 hours per day. The facility is operated full-time with operation staff present daily and reports to the Christian County Water Reclamation District.

The P&T system at the Site consists primarily of two carbon units operating in series. The process for the extracted groundwater is to treat it with a combination of iron removal filtration through up to three, parallel bag filters. Bag filters for solids removal are installed prior to groundwater entering the first carbon unit. The groundwater is then filtered through a carbon adsorption system which consists of two granular activated carbon filters, in sequence.

The system has provisions to backwash the carbon units, as necessary. Raw groundwater entering the facility is analyzed for several compounds, including organics, twice per month. Ameren samples water between the carbon units twice per month to monitor organic breakthrough. Treated groundwater is transported via underground piping (with a directional valve) to discharge at either a point at the top of the drainage swale or a point below the dam of the Seaman Estates Pond. The discharge point can be changed by the switching the valve at the beginning of the piping system.

The treated water is continuously discharged. Discharged water is sampled weekly to confirm continued compliance with discharge requirements to meet average and/or daily maximum contaminant concentrations, as set in the 1992 ROD and the 2005 ESD, before discharge from the facility. The maximum contaminant concentrations set for discharged water are the same as the RAOs for groundwater at the Site.

Ameren submits sample results and flow information to Illinois EPA. Since the startup of the treatment system in early 1995 until December of 2023, a total of 1,360,005,065 gallons of groundwater have been treated. Pumping rates have been adjusted throughout the 27 years of operation. Currently the P&T system operates at the lowest rate (50 gallons per minute would be sufficient for hydraulic containment), which is sufficient to provide effective groundwater control; and sampling has indicated no exceedances at off-Site downgradient wells.

During the current FYR reporting period, operation of the P&T system was interrupted intermittently from August 2021 to May 2022 due to valve failures, supply chain shortages, filter basket dropouts, and/or power outages, but these issues were promptly addressed by Ameren's contractor.

Ameren has been conducting long-term monitoring of groundwater to ensure there is no risk to human health and the environment. Ameren provides annual O&M reports to the Illinois EPA to document the work conducted, as well as any problems, corrective actions taken, and changes to reporting requirements.

Ameren conducts quarterly groundwater monitoring from a monitoring well network that includes both on-Site and off-Site well locations. The groundwater monitoring program consists of sampling up to 31 wells: eight wells on-Site, one well located on the Site's parent parcel, and 22 wells located off-Site, with 11 of the 20 wells located downgradient of the Site. The network of 31 wells is sampled one quarter per year and a minimum of 21 wells are sampled during the other three quarters of each year. Depths of the wells range from approximately 9.5 ft bgs to 94 ft bgs. Subsequent to 2023 ISS Pilot Study activities, the monitoring network includes the following wells:

- Six wells are located within the Site boundary (GW-4R, GW-15, GW-22S & 22D, GW-7, and GW-14); and
- Twelve wells are located outside of the Site boundary (GW-5, GW-16S & 16D, GW-17, GW-18S & 18D, GW-19S & 19D, GW-20, GW-21, GW-25, and GW-26).

Ameren monitors four additional off-Site wells annually because of the proximity to the baseball field across the street. These wells include GW-12, GW-101S, GW-102S, and GW-102D.

III. PROGRESS SINCE THE LAST REVIEW

This section includes the protectiveness determinations and statements from the last FYR as well as the recommendations from the last FYR and the current status of those recommendations.

Table 3: Protectiveness Determinations/Statements from the 2019 FYR

OU #	Protectiveness Determination	Protectiveness Statement
OU1/Sitewide	Short-term Protective	The remedy is currently protective of human health and the environment because the removal of the contaminated soil and the site fence effectively prevent exposure to residual soil contaminants, and the provision of an alternative water supply and implementation of ICs limit exposure to contaminated groundwater. Effective ICs in the form of an Illinois UECA restrictive covenant are in place. However, in order for the remedy to be protective in the long-term, the following actions need to be taken to ensure protectiveness: restart the groundwater pump and treat system and develop an LTS Plan or amend the O&M Plan to include LTS procedures.

Table 4: Status of Recommendations from the 2019 FYR

OU #	Issue	Recommendations	Current Status	Current Implementation Status Description	Completion Date (if applicable)
OU1/Sitewide	Groundwater pump and treat system has not operated since September 2017.	Restart the groundwater pump and treat system.	Completed	P&T system was restarted on June 19, 2019.	6/19/2019

OU1/Sitewide	Lack of formal LTS procedures	An LTS Plan, or an amendment to the O&M Plan to include LTS procedures, should be developed and implemented.	Completed	An LTS plan has been composed and implemented.	4/12/2023
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IV. FIVE-YEAR REVIEW PROCESS

Community Notification, Involvement & Site Interviews

A public notice appeared in the Breeze-Courier Taylorville, Illinois, on March 8, 2024, informing the community that a FYR was to take place, listing the major components of the remedy, and informing them where additional documents could be found. The public was invited to submit any comments concerning the Site to EPA. The public notice was also posted on the EPA's webpage for the Site at: www.epa.gov/superfund/central-illinois-publicservice inviting the public to submit comments online. The results of the review and the report will be made available on EPA's webpage for the Site. A public meeting was held by Illinois EPA on March 26, 2024, to update the community on the current pilot study at the Site. The EPA attended the meeting to answer any general questions regarding the FYR process. No public comments were received resulting from these notices.

Data Review

The Site has been in the environmental monitoring phase since 1995.

Site related COCs have declined in the groundwater since the remedial action began. Cleanup objectives for groundwater have not yet been met for all COCs at the Site. Cleanup goals have been met for all environmental media outside of the source Site property boundary.

Annual samples of sediment, water, and fish tissue were collected starting 1989. The analytical results for all study years are documented in the Seaman Estate Pond study (Ameren 2018). There is no apparent increasing trend in concentrations over the 20+ years of sampling for those parameters that have been consistently detected in the sediment.

There have been no reportable detections of any priority PAHs in surface water since 2005. Fish tissue samples collected indicate the presence of PAHs in all years except 1999, 2000, and 2001, with reoccurrences from 2002 to 2012. The 1990-2012 analytical scope of work included pesticide and PCB analyses on fish tissues to further evaluate the overall potential health risk of fish consumption from Seaman Estate Pond. No concentrations were observed near the FDA Administration action levels in fish tissues for pesticides and PCBs.

The 2018 Seamen Estates Pond Study concluded the PAHs with reportable detections from year to year for sediment, water and fish tissue have no discernable pattern or relationship to each other. In locations or years where, reportable detections were observed in sediment or water there was not a detection in associated fish tissue. The report therefore concluded that there appears to be no direct relationship between PAH concentrations in the sediments or surface water and the PAHs found in the fish tissues. The groundwater monitoring results from areas downgradient from the Site demonstrate that there is no ongoing release of contaminants from the groundwater to the sediments or surface water of Seaman Estate Pond.

Several VOCs and PAHs remain above cleanup criteria in samples collected from select groundwater monitoring wells within the Site boundary. Groundwater samples collected from GW-3 and GW-4R located on the eastern and southern border of the property have historically remained above cleanup levels. Recent (2023) data indicated benzene and naphthalene still exceed groundwater cleanup objectives by several orders of magnitude in two monitoring wells (GW-3 and GW-4R), however, they appear to be trending downward in concentration. Also, this monitoring indicates no contaminants have migrated off-site or outside of the capture zone. The UECA Environmental Covenant signed August 20, 2012, and recorded August 30, 2012, prevents anyone from using contaminated groundwater until Site cleanup objectives are achieved. Below are the highest detections of each compound in their respective wells for the past five years as per quarterly reports delivered to Illinois EPA (see chart below):

COC/Well	Cleanup level in mg/L	2019	2020	2021	2022	2023
Benzene GW-03	0.005	0.0439	0.0471	0.0242	0.0246	0.0056
Benzene GW-4R	0.005	0.753	0.739	0.798	1.15	0.609
Napthalene GW-03	0.025	1.02	1	0.511	0.375	0.0378
Napthalene GW-4R	0.025	4.19	5.56	3.52	3.55	2.38

In addition to benzene and naphthalene, the cleanup level for bis(2-ethylhexylphthalate) has been exceeded in samples collected from Site monitoring wells GW-03 and GW-4R in the quarterly groundwater monitoring program. These exceedances do not result in unacceptable current exposure. No one is drinking the groundwater because there are ICs restricting such use, including not using private wells.

It should be noted that groundwater samples were not collected from monitoring wells GW-01, GW-02, and GW-03 during the fourth quarter 2023 groundwater sampling event. Monitoring wells, GW-01 and GW-03 were abandoned by GeoServe Inc, an Illinois licensed driller, on July 5 and July 6, 2023, to facilitate the ISS pilot study activities at the Site. Monitoring well GW-02 was unable to be sampled during the fourth quarter 2023 groundwater sampling event due to damage to the well casing. According to Ameren's contractor, the damaged well casing at GW-02 prevents the gauging and sampling of this monitoring well. Ameren's contractor recommended that this monitoring well be abandoned in accordance with Illinois Department of Public Health (IDPH) requirements and plans to submit a request for approval to abandon the monitoring well to Illinois EPA in the near future. Monitoring wells were abandoned for two reasons: they were removed for the ISS Pilot study; and keeping them in place would be ineffective because they were dry. There are sentinel wells

downgradient of the three abandoned monitoring wells to track contamination and remedy performance.

Benzo(a)anthracene was detected at monitoring well GW-07 above its applicable cleanup level. GW-7 is located in the center of the Site, a few yards south of the main extraction pump shed. This finding is consistent with historical groundwater analytical results at this location.

Wells on the downgradient perimeter of the Site, which includes monitoring wells GW-16S, GW-16D, GW-17, GW-22S, GW-22D, GW-25, and GW-26, did not have any exceedances of cleanup levels, with one exception. Bis(2-ethyhexyl)phthalate was detected with concentrations at 0.00770 mg/L above its applicable cleanup level of 0.006 mg/L at monitoring well GW-16D as of the first quarterly report of 2024. This finding is largely consistent with historical groundwater analytical results at this location, as this constituent is intermittently detected at this location. The UECA Environmental Covenant signed August 20, 2012, and recorded August 30, 2012, prevents anyone from using on site groundwater or contaminated offsite groundwater until cleanup objectives are achieved. Other wells further to the south of GW-16D do not show such exceedances. These exceedances do not result in unacceptable current exposure. No one is drinking the groundwater because there are ICs restricting such use, including not using private wells. Site data shows contamination to be contained on-Site and the P&T system to be effective.

There are no soil sampling cleanup levels for soil at the Site in the ROD. Soil sample results were taken in the 2023 RDI and, as a conservative measure, compared to Illinois EPA Soil Component to Class 1 Groundwater standards (SCGWs) to help delineate the maximum vertical and aerial extent of potential residual sources in soil below the groundwater table at the Site. SCGW standards are considered to be more conservative than residential and industrial standards.

For a majority of the soil samples collected, VOC and PAH results are mostly below residential criteria and background concentrations. Remaining locations where soil samples exceeded the SCGWs are located within the Site boundary and/or the Ameren-owned parcel associated with the P&T system. These locations include the following:

- Multiple low-level PAH concentrations, especially benz(a)anthracene, were observed in multiple locations at the Site in surficial soil samples with no correlation to the historic MGP sources. The majority of the detections were below, at, or only slightly above the background concentrations for PAHs in metropolitan soil;
- Near the roadway east of well GW-4R, PAHs were detected in soils samples at two to three times the metropolitan background. Based on the sample results, it appears that the PAHs are limited in extent to the roadway, and do not extend further east into Manners Park;
- Soil samples collected in the area of former fuel tanks at the northern portion of the Site were observed to have VOC exceedances of SCGW for naphthalene and benzene. PAHs were not as prominent in this area as in the central portion of the Site;
- Soil samples collected from the middle of the Site had higher concentrations of COCs. Tar-like staining and/or non-aqueous phase liquid (NAPL), with a strong hydrocarbon odor, were observed in some of these borings;

- Benz(a)anthracene and naphthalene were detected above respective SCGWs in soil samples collected below 50 feet bgs. at a single location in the former gas holder area. It was accompanied by elevated VOCs, but appears to be limited in extent to the center of the Site; and
- Bis(2-ethylhexyl)phthalate in Soil – Bis(2-ethylhexyl)phthalate was observed exceeding its SCGW in the groundwater sampling conducted in the south transect. Soil sampling did not indicate an SCGW exceedance for bis(2-ethylhexyl)phthalate at the Site. The source of the bis(2-ethylhexyl)phthalate is unknown.

The original purpose of this soil sampling event was to collect data for characterizing the nature and extent of residual areas of MGP-related PAHs and VOCs in soil that may be contributing to elevated concentrations of MGP-related COCs observed in the groundwater monitoring program for the Site. This work was done as a precursor to the pilot ISS study. Further sampling may be required to determine the source area for soil contamination.

Site Inspection

The inspection of the Site was conducted on 3/26/2024. In attendance were David Linneer (EPA), Gregg Miller (Illinois EPA), and David Palmer (Ameren). The purpose of the inspection was to gather data to use in the assessment of the protectiveness of the remedy, including condition of the fencing and posted signs to restrict access, and condition of the Site itself, (i.e., the cover, P&T system, monitoring wells, the surrounding land, and ICs). The representatives walked the Site perimeter, noting the condition of the Site. Fencing was in good condition with appropriate signage. Site access continues to be adequately restricted.

The Site appeared to be well maintained. There were no signs which would indicate that ponding had occurred. The inspection revealed changes since the last FYR. The PRPs (Ameren) tested and restarted the P&T system in July 2019. Groundwater at the Site continued to be extracted and the network of monitoring wells used to monitor the progress of the P&T system are in good condition. All equipment used in the groundwater P&T system was in good condition. There were no physical signs of deterioration which might be indicated by the blackening of brass fixtures on the well heads. The collection system, high water alarm system, drains and electrical panels were in good condition and operating. The team looked at monitoring wells and found them to be in good condition with no signs of vandalism or tampering evident.

Ameren and Illinois EPA stated they have maintained annual visits at the Site and indicated that no problems have occurred regarding site security and no concerns have been raised by the local commercial population.

V. TECHNICAL ASSESSMENT

QUESTION A: Is the remedy functioning as intended by the decision documents?

Question A Summary:

Yes. The required groundwater P&T system is operational and functioning as intended by the decision documents.

Remedial Action Performance

The original remedy included soil excavation, a groundwater P&T system, groundwater monitoring, installation of Site access controls, and ICs. The Site has been in the monitoring phase since 1995. Site-related contaminants have declined in groundwater although cleanup goals for groundwater have not been met for all COCs. Because levels remain above cleanup goals, the selected remedy must continue operating until a new remedial alternative is selected.

System Operations/O&M

O&M practices are ongoing at the Site. Of possible concern is the frequency of breaks and shutdowns of the P&T system. In the past five years there have been regular shutdowns due to breaks and supply chain issues, limiting the selected remedy's operation and performance. However, when they occur, the issues are promptly addressed by Ameren's contractor. The PRP had significant shutdown problems before 2019 without prompt notification. During this FYR period the PRPs have improved notification regarding the system being down. Further, Ameren provides annual O&M reports to the agencies to document the work conducted, as well as any problems, corrective actions taken, and changes to reporting requirements.

Implementation of Institutional Controls and Other Measures

Effective ICs are in place for the Site. An Illinois UECA restrictive covenant was signed on August 20, 2012, and recorded in Christian County, Illinois on August 30, 2012. In addition, the City of Taylorville has a city ordinance restricting the use of potable water within commercial city limits. Discussions with Site O&M personnel indicate no issues or problems have arisen with respect to enforcing the restrictive covenants for the Site. A LTS Plan was developed and approved by Illinois EPA on April 12, 2023, to help ensure that Site ICs continue to be monitored and maintained.

After 30 years of operation, the P&T system has been successful in achieving a continued decrease in the concentration and extent of contamination in groundwater. However, due to remaining residual contamination at the Site, groundwater modeling indicates it will take more than 100 years to meet cleanup levels for identified COCs utilizing P&T as the remedial method. Therefore, the Illinois EPA and Ameren are currently considering remedial alternatives to complete cleanup of the Site to achieve RAOs within a reasonable amount of time. In July 2023, the Illinois EPA released a Proposed Plan to the public outlining six different remedial technologies that were evaluated in the FFS. Illinois EPA's current preferred remedial alternative, pending public comment, is ISS (Illinois EPA, 2023). The ISS pilot study activities, including the abandonment of certain monitoring wells, and was approved by the Illinois EPA in a letter dated June 21, 2023.

Groundwater monitoring demonstrates no COCs have migrated off-Site or out of the P&T system capture zone in the meantime.

QUESTION B: Are the exposure assumptions, toxicity data, cleanup levels, and remedial action objectives (RAOs) used at the time of the remedy selection still valid?

Question B Summary:

Yes. There have been no major changes in the physical conditions of the Site affecting the protectiveness of the remedy. Although the ISS Pilot study did excavate a section of the remedy, air monitoring practices were followed and no exceedances in the ambient air were noted. Vapor intrusion was not a concern, because there were no buildings on the Site in the area containing contaminated groundwater. The Site is being used as anticipated, (i.e., it is not being used) so the exposure assumptions made do not need to be changed.

Changes in Standards and TBCs

Standards have been updated since the ROD and ESD were signed. Although there are no current completed exposure pathways to the community (including groundwater, vapor intrusion), groundwater remediation cleanup levels will be updated in a possible proposed ROD amendment by IEPA (see below for updates).

Groundwater COCs	Cleanup Levels
	<i>mg/L</i>
Benz(a)anthracene	0.00013
Benzo(a)pyrene	0.0002
Benzo(b)fluoranthene	0.00018
Benzo(k)fluoranthene	0.00017
Chrysene	0.012
Dibenzo(a,h)anthracene	0.0003
Indeno(1,2,3-c,d)pyrene	0.00043
Naphthalene	0.14
Benzene	0.005
Toluene	1
Ethylbenzene	0.7
Total Xylenes	10

Expected Progress Towards Meeting RAOs

After 30 years of operation, the P&T system has been successful in achieving a continued decrease in the concentration and extent of impacts in groundwater. Due to remaining residual impacts at the Site, groundwater modeling indicates it will take more than 100 years to meet performance standards for identified COCs utilizing P&T as the remedial method. As noted under Question A Summary, additional remedial alternatives are being considered to address this issue. Groundwater monitoring demonstrates no COCs have migrated off-Site or out of the P&T system capture zone in the meantime.

QUESTION C: Has any other information come to light that could call into question the protectiveness of the remedy?

No. There is no new information has come to light affecting the protectiveness of the remedy. No other events have affected the protectiveness of the remedy and there is no other information which calls into question the protectiveness of the remedy. There are no actual or potential impacts due to climate change or natural disaster.

VI. ISSUES/RECOMMENDATIONS

Issues and Recommendations Identified in the Five-Year Review:

OU(s): 1/Sitewide	Issue Category: Remedy Performance			
	Issue: The existing P&T system, while effectively removing most of the groundwater contamination, would take an estimated 100 years or longer to meet the Illinois Groundwater Quality Standards.			
	Recommendation: Evaluate and select alternative remedies that help achieve groundwater cleanup goals in a timely manner.			
Affect Current Protectiveness	Affect Future Protectiveness	Party Responsible	Oversight Party	Milestone Date
No	Yes	PRP	State	12/30/2025

OTHER FINDINGS

None.

VII. PROTECTIVENESS STATEMENT

Protectiveness Statement(s)

OU1 and Sitewide Protectiveness Statement

Protectiveness

Determination:

Short-term Protective

Protectiveness Statement:

The remedy currently protects human health and the environment because the removal of the contaminated soil and the Site fence effectively prevent exposure to residual soil contaminants, and the provision of an alternative water supply and implementation of ICs limit exposure to contaminated groundwater. Effective ICs in the form of an Illinois UECA restrictive covenant are in place. However, in order for the remedy to be protective in the long-term, the following actions need to be taken to ensure protectiveness: Evaluate and select alternative remedies that help achieve groundwater cleanup goals in a timely manner.

VIII. NEXT REVIEW

The next FYR report for the Central Illinois Public Service Co. Superfund Site is required five years from the completion date of this review.

APPENDIX A – REFERENCE LIST

- Ameren 2012. *Environmental Covenant. Ameren Services Company*. August 20, 2012
- Barr 2015. *Groundwater Modeling Summary Report, Former CIPS MGP Site, Taylorville, Illinois*. Barr Engineering, April 2015.
- ERM 2022a: *Year 2022 Quarter 2 Groundwater Sampling Results, Former MGP Site - Taylorville Illinois*. Environmental Resources Management, Inc., dated June 9, 2022.
- ERM 2022. *Long-Term Stewardship Plan – Groundwater Pump & Treat System, Ameren CIPS Site, Taylorville, Illinois*. Environmental Resources Management, Inc., dated November 7, 2022.
- ERM 2023. *Focused Feasibility Study, Ameren Taylorville MGP Site, Taylorville, Illinois*. Environmental Resources Management, Inc., dated June 28, 2023.
- ERM 2024. *Fourth Quarter 2023 report for the Taylorville Manufactured Gas Plant (MGP) Site, Taylorville, Illinois*. Environmental Resources Management, Inc., dated January 18, 2024.
- Hanson 1995. *Ground Water Pump & Treat System, CIPS-Gas Plant Site, Taylorville, Illinois*. Hanson Engineers Incorporated. September 1995.
- Ameren 1995. *O&M Plan for Pump & Treat System, CIPS-Gas Plant Site, Taylorville, Illinois*. September 1995
- Illinois EPA 2005. *Explanation of Significant Differences, Ameren CIPS National Priorities List Site*. Illinois Environmental Protection Agency, August 2005.
- Illinois EPA 2023. *Proposed Plan, Ameren Central Illinois Public Services (CIPS) Site*. Illinois Environmental Protection Agency, June 2023.
- Taylorville 2010. *City of Taylorville, Ordinance No. 3463, An Ordinance Prohibiting the Use Of Ground Water As A Potable Water Supply By The Installation Or Use By Potable Water Supply Wells Or By Any Other Method*. City of Taylorville, Illinois, May 3, 2010.
- USDC 1994. *People of the State of Illinois v Central Illinois Public Service Company*, U.S. District Court for the Central District of Illinois, March 1994. “Consent Decree”
- USEPA 1992. *Superfund Record of Decision (ROD) – Central Illinois Public Service, IL*. U. S. Environmental Protection Agency, September 1992.
- USEPA 1999. *First Five-Year Review Report for Central Illinois Public Service Company Site, Christian County, Illinois*. U.S. Environmental Protection Agency, March 1999.
- USEPA 2004. *Second Five-Year Review Report for Central Illinois Public Service Company Site, Christian County, Illinois*. U.S. Environmental Protection Agency, June 2004.

USEPA 2009. *Third Five-Year Review Report for Central Illinois Public Service Company Site, Christian County, Illinois*. U.S. Environmental Protection Agency, June 2009.

USEPA 2014. *Fourth Five-Year Review Report for Central Illinois Public Service Company Site, Christian County, Illinois*. U.S. Environmental Protection Agency, June 2014.

USEPA 2019. *Fifth Five-Year Review Report for Central Illinois Public Service Co. Superfund Site, Christian County, Illinois*. U.S. Environmental Protection Agency, June 2019.

Ameren 2018. *Seaman Estates Pond Study*.

APPENDIX B – ADDITIONAL SITE INFORMATION



January 18, 2024

Mr. Gregory Miller
Illinois Environmental Protection Agency
1021 North Grand Avenue East
P.O. Box 19276
Springfield, IL 62794-9276

Dear Mr. Miller:

As required by Article IX (A) of the Consent Order (Case #93-3332), this is the Fourth Quarter, 2023 report for the Taylorville Manufactured Gas Plant (MGP) Site. This report is a summary of events. Reports and notifications of events are reported in addition to this summary throughout the quarter.

Fourth Quarter 2023 – Events

- Fourth quarter 2023 groundwater samples collected in November 2023 (results attached).
- Fourth quarter 2023 pump and treat system samples (results attached).
- Carbon change on December 8, 2023.

First Quarter – 2024 Plans

- Collect First quarter groundwater samples in February.
- Abandon extraneous off-site monitoring wells as approved by the Illinois EPA in April 12, 2023, correspondence.

Problems Encountered or Anticipated Problems

We have not encountered and do not anticipate any other abnormal operational or maintenance problems.

We have treated 1,360,005,065 gallons of groundwater through the system since startup until the end of December 2023. There has not been any migration of contamination off-site.

I certify under penalty of law that the specific Activity and Use Limitations identified in Paragraph 7 of the Uniform Environmental Covenant for the Ameren Taylorville MGP site remain in place. I am aware that any person who knowingly makes a false, fictitious, or fraudulent material statement to the Illinois EPA, either orally or in writing, commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony (415 ILCS 5/44(h) (8)).

Sincerely,



Dave Palmer, PG, PMP, EVMP
Manager, Environmental Support & Waste Management
Ameren Services

Attachments

Attachments

Pumping Summary and Treatment Plant Results (October - December)

Monitoring Well Location Map

Year 2023 Quarter 4 Groundwater Sampling Results

MGP Pump & Treat System Summary
Taylorville, Illinois
October 2023

DATE	TOTALIZER READING	FLOW	EXTRACTION WELL	Water Level		Flow Data	Gallons
				East	West	For Month	1,847,905
Oct-23						To Pond	1,847,905
1	7,907,782	86,833	WEST	NM ⁽¹⁾	46	Below Pond	
2	7,994,615	69,808	WEST	NM ⁽¹⁾	46	Average	59,610
3	8,064,423	64,004	WEST	NM ⁽¹⁾	58	Maximum	86,833
4	8,128,427	34,480	WEST	NM ⁽¹⁾	58	Minimum	26,295
5	8,162,907	83,419	WEST	NM ⁽¹⁾	58	Total Through Sept	1,355,172,152
6	8,246,326	71,889	WEST	NM ⁽¹⁾	44	Total Through Oct	1,357,020,057
7	8,318,215	76,051	WEST	NM ⁽¹⁾	52		
8	8,394,266	70,746	WEST	NM ⁽¹⁾	48		
9	8,465,012	65,772	WEST	NM ⁽¹⁾	48		
10	8,530,784	49,850	WEST	NM ⁽¹⁾	50		
11	8,580,634	68,175	WEST	NM ⁽¹⁾	50		
12	8,648,809	54,794	WEST	NM ⁽¹⁾	50		
13	8,703,603	78,945	WEST	NM ⁽¹⁾	48		
14	8,782,548	70,854	WEST	NM ⁽¹⁾	50		
15	8,853,402	59,538	WEST	NM ⁽¹⁾	50		
16	8,912,940	53,764	WEST	NM ⁽¹⁾	52		
17	8,966,704	51,644	WEST	NM ⁽¹⁾	52		
18	9,018,348	26,295	WEST	NM ⁽¹⁾	50		
19	9,044,643	67,334	WEST	NM ⁽¹⁾	50		
20	9,111,977	44,701	WEST	NM ⁽¹⁾	50		
21	9,156,678	64,319	WEST	NM ⁽¹⁾	50		
22	9,220,997	77,684	WEST	NM ⁽¹⁾	52		
23	9,298,681	43,535	WEST	NM ⁽¹⁾	52		
24	9,342,216	62,102	WEST	NM ⁽¹⁾	52		
25	9,404,318	28,352	WEST	NM ⁽¹⁾	52		
26	9,432,670	63,570	WEST	NM ⁽¹⁾	52		
27	9,496,240	54,224	WEST	NM ⁽¹⁾	46		
28	9,550,464	58,350	WEST	NM ⁽¹⁾	50		
29	9,608,814	48,628	WEST	NM ⁽¹⁾	50		
30	9,657,442	53,801	WEST	NM ⁽¹⁾	50		
31	9,711,243	44,444	WEST	NM ⁽¹⁾	50		
Nov-23	9,755,687						

NM = Not measured

(1) Not measured - RW abandoned

Maintenance Summary

Well Cleaning	None		
Vessel	North	South	
Carbon Change	None	None	
Cleaned Effluent Backwash Storage	None	None	
Back Washed Vessels	None	None	
Changed Bag Filters	North	Middle	South
	Inoperable	10/5/2023	10/5/2023
	Inoperable	10/12/2023	10/12/2023
	Inoperable	10/19/2023	10/19/2023
	Inoperable	10/26/2023	10/26/2023
Drum Disposal	10/13/2023		

NOTES:

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
October 2023

<u>Parameter</u>	<u>Units</u>	<u>30 Day Avg Limit</u>	<u>Daily Max</u>	<u>GW Cleanup Goals</u>	<u>10/4/2023</u>		<u>10/11/2023</u>		<u>10/18/2023</u>		<u>10/25/2023</u>		<u>Average</u>	<u>Maximum</u>	
Lab pH		-	-	-	6.92	H	7.04	H	6.97	H	6.92	H	6.96	7.04	H
Iron, Dissolved	mg/L	-	-	-	0.3110		0.0230	J	0.0588		0.0762		0.1173	0.3110	
Iron, Total	mg/L	-	-	-	4.60		1.78		1.85		1.79		2.51	4.60	
Acenaphthene	mg/L	-	-	0.42	0.0186		0.0138		0.013		0.0132		0.0147	0.0186	
Acenaphthylene	mg/L	-	-	-	0.00402		0.00505		0.00274		0.00234		0.00354	0.00505	
Anthracene	mg/L	-	-	2.1	0.00427		0.00309		0.00389		0.00379		0.00376	0.00427	
Benzo(a)anthracene	mg/L	-	-	0.00013	0.000428		0.000227		0.000289	B	0.000276		0.000305	0.000428	
Benzo(a)pyrene	mg/L	-	-	0.00023	0.000204		ND		0.00012	J	ND		0.000204	0.000204	
Benzo(b)fluoranthene	mg/L	-	-	-	0.000153		0.000071	J	0.000126	B	0.00008	J	0.000108	0.000153	
Benzo(g,h,i)perylene	mg/L	-	-	-	0.00013	J	ND		ND		ND		0.00013	0.00013	J
Benzo(k)fluoranthene	mg/L	-	-	-	0.000054	J	ND		ND		ND		0.000054	0.000054	J
Chrysene	mg/L	-	-	-	0.000394		0.00021		0.000277	B	0.000248		0.000282	0.000394	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Fluoranthene	mg/L	-	-	0.28	0.00343		0.00265		0.00332		0.00312		0.00313	0.00343	
Fluorene	mg/L	-	-	-	0.01180		0.00717	B	0.00761		0.00782	B	0.00860	0.01180	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
m,p-Cresol	mg/L	-	-	0.35	ND		0.00130	J	0.00140	J	0.00100	J	0.00123	0.00140	J
o-Cresol	mg/L	-	-	0.35	0.0047	J	0.0029	J	0.0038	J	0.0035	J	0.0037	0.0047	J
Phenanthrene	mg/L	-	-	-	0.0191		0.0143	B	0.0137		0.016		0.0158	0.0191	
Pyrene	mg/L	-	-	-	0.00433		0.00314		0.00406		0.00377		0.00383	0.00433	
Total PNAs except Naphthalene	mg/L	-	-	-	0.0669		0.0498		0.0544		0.0506		0.0554	0.0669	
Benzene	µg/L	-	-	5	177		176		128		144		156	177	
Ethylbenzene	µg/L	-	-	700	46.9		36.1		33.6		34.8		37.9	46.9	
m,p-Xylenes	µg/L	-	-	-	49.3		39		40.1		43.0		42.9	49.3	
Naphthalene	µg/L	-	-	25	323		221		216		233		248	323	
o-Xylene	µg/L	-	-	-	24.6		20.4		21.4		22.6		22.3	24.6	
Toluene	µg/L	-	-	1000	104		98.4		82.1		92.3		94.2	104	
Xylenes, Total	µg/L	-	-	10000	73.9		59.4		61.5		65.6		65.1	73.9	

ND=Not detected above the project acceptable detection limit

J = Estimated concentration

BOLD text indicates exceedance of the groundwater quality standard

B = Analyte present in method blank

H = Holding times exceeded

Between Columns
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
October 2023

<u>Parameter</u>	<u>Units</u>	<u>30 Day Avg Limit</u>	<u>Daily Max</u>	<u>GW Cleanup Goals</u>	<u>10/4/2023</u>		<u>10/11/2023</u>		<u>10/18/2023</u>		<u>10/25/2023</u>		<u>Average</u>		<u>Maximum</u>	
Lab pH		-	-	-	6.96	H	6.97		7.01	H	6.92	H	6.97		7.01	H
Iron, Dissolved	mg/L	-	-	-	ND		ND		ND		0.030	J	0.030		0.030	J
Iron, Total	mg/L	-	-	-	ND		0.032	J	0.030	J	0.039	J	0.034		0.039	J
Acenaphthene	mg/L	-	-	-	ND		0.000145		ND		0.000268		0.000207		0.000268	
Acenaphthylene	mg/L	-	-	-	ND		ND		ND		0.000117		0.000117		0.000117	
Anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzo(a)anthracene	mg/L	-	-	-	ND		ND		ND	B	ND		ND		ND	
Benzo(a)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND	B	ND		ND		ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Chrysene	mg/L	-	-	-	ND		ND		ND	B	ND		ND		ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Fluorene	mg/L	-	-	-	ND		0.00015	BJ	ND		0.00013	BJ	0.00014		0.00015	BJ
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
m,p-Cresol	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
o-Cresol	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Phenanthrene	mg/L	-	-	-	ND		ND	B	ND		ND		ND		ND	
Pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzene	µg/L	-	-	-	1.6		2.2		1.3		4.4		2.4		4.4	
Ethylbenzene	µg/L	-	-	-	ND		0.1	J	ND		0.6	J	0.4		0.6	J
m,p-Xylenes	µg/L	-	-	-	ND		0.2	J	ND		0.9	J	0.6		0.9	J
Naphthalene	µg/L	-	-	-	0.6		1.0		ND		4.3		2.0		4.3	
o-Xylene	µg/L	-	-	-	ND		0.1	J	ND		0.5	J	0.3		0.5	J
Toluene	µg/L	-	-	-	ND		0.4	J	ND		1.5	J	1.0		1.5	J
Xylenes, Total	µg/L	-	-	-	ND		0.3	J	ND		1.4		0.9		1.4	

ND=Not detected above the project acceptable detection limit
J=Analyte detected below quantitation limits
B=Analyte found in the method blank at a concentration
H = Holding times exceeded

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
October 2023

<u>Parameter</u>	<u>Units</u>	<u>30 Day Avg Limit</u>	<u>Daily Max</u>	<u>GW Cleanup Goals</u>	<u>10/4/2023</u>		<u>10/11/2023</u>		<u>10/18/2023</u>		<u>10/25/2023</u>		<u>Average</u>	<u>Maximum</u>
Lab pH		-	-	-	6.93	H	6.95	H	7.10	H	6.94	H	6.98	7.10
Iron, Dissolved	mg/L	-	1	-	ND		ND		ND		ND		ND	ND
Iron, Total	mg/L	2	4	-	ND		ND		ND		ND		ND	ND
Acenaphthene	mg/L	-	0.0608	-	ND		ND		ND		ND		ND	ND
Acenaphthylene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND
Anthracene	mg/L	-	0.0023	-	ND		ND		ND		ND		ND	ND
Benzo(a)anthracene	mg/L	-	0.001	-	ND		ND		ND	B	ND		ND	ND
Benzo(a)pyrene	mg/L	-	0.0005	-	ND		ND		ND		ND		ND	ND
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND	B	ND		ND	ND
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND
Chrysene	mg/L	-	-	-	ND		ND		ND	B	ND		ND	ND
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND
Fluoranthene	mg/L	0.053	0.398	-	ND		ND		ND		ND		ND	ND
Fluorene	mg/L	-	-	-	ND		0.00010	BJ	ND		ND	B	0.00010	0.00010 BJ
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND
m,p-Cresol	mg/L	-	1.9	-	ND		ND		ND		ND		ND	ND
o-Cresol	mg/L	-	1.9	-	ND		ND		ND		ND		ND	ND
Phenanthrene	mg/L	-	0.01	-	ND		ND	B	ND		ND		ND	ND
Pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND
Benzene	µg/L	-	50	-	ND		ND		ND		ND		ND	ND
Ethylbenzene	µg/L	17	216	-	ND		ND		ND		ND		ND	ND
m,p-Xylenes	µg/L	-	-	-	ND		ND		ND		ND		ND	ND
Naphthalene	µg/L	-	670	-	ND		ND		ND		ND		ND	ND
o-Xylene	µg/L	-	-	-	ND		ND		ND		ND		ND	ND
Toluene	µg/L	70	750	-	ND		ND		ND		ND		ND	ND
Xylenes, Total	µg/L	117	750	-	ND		ND		ND		ND		ND	ND

ND=Not detected above the project acceptable detection limit

J=Analyte detected below quantitation limits

B=Analyte found in the method blank

H = Holding times exceeded

Trip Blank
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
October 2023

<u>Parameter</u>	<u>Units</u>	<u>30 Day Avg Limit</u>	<u>Daily Max</u>	<u>GW Cleanup Goals</u>	<u>10/5/2023</u>	<u>10/13/2023</u>	<u>10/18/2023</u>	<u>10/25/2023</u>	<u>Average</u>	<u>Maximum</u>
Benzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Ethylbenzene	µg/L	-	-	-	ND	0.1 J	ND	ND	0.1	0.1 J
m,p-Xylenes	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Naphthalene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
o-Xylene	µg/L	-	-	-	ND	0.1 J	ND	ND	0.1	0.1 J
Toluene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Xylenes, Total	µg/L	-	-	-	ND	ND	ND	ND	ND	ND

ND=Not detected above the project acceptable detection limit
J=Analyte detected below quantitation limits

MGP Pump & Treat System Summary
Taylorville, Illinois
November 2023

DATE	TOTALIZER READING		FLOW	EXTRACTION WELL	Water Level		Flow Data	Gallons				
					East	West	For Month	1,482,979				
Nov-23							To Pond	1,482,979				
	1	9,755,687	24,025	WEST	NM ⁽¹⁾	50	Below Pond					
	2	9,779,712	44,650	WEST	NM ⁽¹⁾	50	Average	49,433				
	3	9,824,362	58,728	WEST	NM ⁽¹⁾	50	Maximum	74,042				
	4	9,883,090	49,165	WEST	NM ⁽¹⁾	50	Minimum	21,012				
	5	9,932,255	64,225	WEST	NM ⁽¹⁾	50	Total Through Oct	1,357,020,057				
	6	9,996,480	45,556	WEST	NM ⁽¹⁾	50	Total Through Nov	1,358,503,036				
	7	42,037	44,479	WEST	NM ⁽¹⁾	50						
	8	86,516	37,752	WEST	NM ⁽¹⁾	50						
	9	124,268	42,626	WEST	NM ⁽¹⁾	52						
	10	166,894	68,785	WEST	NM ⁽¹⁾	50						
	11	235,679	74,042	WEST	NM ⁽¹⁾	50						
	12	309,721	55,271	WEST	NM ⁽¹⁾	50						
	13	364,992	58,882	WEST	NM ⁽¹⁾	50						
	14	423,874	41,365	WEST	NM ⁽¹⁾	50						
	15	465,239	48,028	WEST	NM ⁽¹⁾	52						
	16	513,267	45,747	WEST	NM ⁽¹⁾	52						
	17	559,014	61,429	WEST	NM ⁽¹⁾	50						
	18	620,443	57,125	WEST	NM ⁽¹⁾	50						
	19	677,568	69,733	WEST	NM ⁽¹⁾	50						
	20	747,301	48,987	WEST	NM ⁽¹⁾	50						
	21	796,288	29,708	WEST	NM ⁽¹⁾	50						
	22	825,996	52,031	WEST	NM ⁽¹⁾	50						
	23	878,027	57,012	WEST	NM ⁽¹⁾	48						
	24	935,039	55,829	WEST	NM ⁽¹⁾	50						
	25	990,868	46,751	WEST	NM ⁽¹⁾	48						
	26	1,037,619	53,334	WEST	NM ⁽¹⁾	50						
	27	1,090,953	37,742	WEST	NM ⁽¹⁾	50						
	28	1,128,695	40,395	WEST	NM ⁽¹⁾	50						
	29	1,169,090	21,012	WEST	NM ⁽¹⁾	50						
	30	1,190,102	48,565	WEST	NM ⁽¹⁾	50						
Dec-23		1,238,667			NM ⁽¹⁾	50						
(1)	Not measured - RW abandoned											

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
November 2023

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	11/1/2023		11/8/2023		11/15/2023		11/21/2023		11/29/2023		Average	Maximum		
Lab pH		-	-	-	6.90	H	6.94	H	6.95	H	7.09	H	6.93	H	6.96	7.09	H	
Iron, Dissolved	mg/L	-	-	-	ND		0.212		0.271		0.501		0.480		0.366	0.480		
Iron, Total	mg/L	-	-	-	1.77		2.78		1.71		1.44		1.72		1.88	2.78		
Acenaphthene	mg/L	-	-	0.42	0.0167		0.0222		0.0125		0.0167		0.0162		0.0169	0.0222		
Acenaphthylene	mg/L	-	-	-	0.00464		0.00932		0.00215		0.00450		0.00446		0.00501	0.00932		
Anthracene	mg/L	-	-	2.1	0.00520		0.00451		0.00335		0.00473		0.00583		0.00472	0.00583		
Benzo(a)anthracene	mg/L	-	-	0.00013	0.000416		0.000392		0.000230		0.000351		0.000526		0.000383	0.000526		
Benzo(a)pyrene	mg/L	-	-	0.00023	0.00015	J	0.00014	J	ND		ND		0.000218		0.000169	J	0.000218	
Benzo(b)fluoranthene	mg/L	-	-	-	0.000133		0.000125		ND		0.000093	J	0.000200		0.000138	J	0.000200	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND		
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		0.000064	J	0.000064	J	0.000064	J
Chrysene	mg/L	-	-	-	0.000345		0.000357		0.000185		0.000352		0.000565		0.000361	0.000565		
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND		
Fluoranthene	mg/L	-	-	0.28	0.00403		0.00384		0.00274		0.00370		0.00488		0.00383	0.00488		
Fluorene	mg/L	-	-	-	0.0113		0.0111		0.00840		0.0106		0.00992		0.01009	0.01130		
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND		
m,p-Cresol	mg/L	-	-	0.35	0.0021	J	0.0015	J	0.00080	J	0.00091	J	0.00079	J	0.00115	J	0.0021	J
o-Cresol	mg/L	-	-	0.35	0.0064	J	0.0037	J	0.0038	J	0.0029	J	0.0045	J	0.0042	J	0.0064	J
Phenanthrene	mg/L	-	-	-	0.0244		0.0254		0.0178		0.0232		0.0239		0.0227	0.0254		
Pyrene	mg/L	-	-	-	0.00471		0.00446		0.00302		0.00446		0.00542		0.00437	0.00542		
Total PNAs except Naphthalene	mg/L	-	-	-	0.0720		0.0819		0.0504		0.0687		0.0766		0.0698	0.0819		
Benzene	µg/L	-	-	5	161		200		168		149		149		168	200		
Ethylbenzene	µg/L	-	-	700	33.1		41.1		40.6		37.6		24.0		35.3	41.1		
m,p-Xylenes	µg/L	-	-	-	45.4		49.0		49.8		45.6		41.4		46.4	49.8		
Naphthalene	µg/L	-	-	25	298		312		266		305		252	B	283	B	312	
o-Xylene	µg/L	-	-	-	25.0		25.9		25.8		22.3		21.6		24.2	25.9		
Toluene	µg/L	-	-	1000	95.1		114		100		96.0		77.3		96.7	114		
Xylenes, Total	µg/L	-	-	10000	70.4		74.9		75.6		67.9		63.0		70.7	75.6		

ND=Not detected above the project acceptable detection limit

J = Estimated concentration

BOLD text indicates exceedance of the groundwater quality standard

B = Analyte present in method blank

H = Holding times exceeded

Between Columns
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
November 2023

<u>Parameter</u>	<u>Units</u>	<u>30 Day Avg Limit</u>	<u>Daily Max</u>	<u>GW Cleanup Goals</u>	<u>1/1/2023</u>		<u>11/8/2023</u>		<u>11/15/2023</u>		<u>11/23/2023</u>		<u>11/29/2023</u>		<u>Average</u>		<u>Maximum</u>	
Lab pH		-	-	-	6.93	H	6.95	H	6.93	H	6.94	H	7.09	H	6.98	H	7.09	H
Iron, Dissolved	mg/L	-	-	-	ND		ND		0.0240	J	0.0571		0.0458		0.0393		0.0571	
Iron, Total	mg/L	-	-	-	0.0408		0.0864		ND		0.0440		0.0360	J	0.0549		0.0864	
Acenaphthene	mg/L	-	-	-	0.000265		0.00155		ND		0.000129		ND		0.000648		0.00155	
Acenaphthylene	mg/L	-	-	-	0.000119		0.000813		ND		ND		ND		0.000466		0.000813	
Anthracene	mg/L	-	-	-	ND		0.000422		ND		ND		ND		0.000422		0.000422	
Benzo(a)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Benzo(a)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Chrysene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Fluoranthene	mg/L	-	-	-	ND		0.000373		ND		ND		ND		0.000373		0.000373	
Fluorene	mg/L	-	-	-	0.00017	J	0.000913		ND		ND		ND		0.000542	J	0.000913	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
m,p-Cresol	mg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
o-Cresol	mg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	mg/L	-	-	-	ND		0.00214		ND		ND		ND		0.00214		0.00214	
Pyrene	mg/L	-	-	-	ND		0.000378		ND		ND		ND		0.000378		0.000378	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		0.00659		ND		ND		ND		0.00659		0.00659	
Benzene	µg/L	-	-	-	2.2		15.7		3.6		2.5		2.2		6.0		16	
Ethylbenzene	µg/L	-	-	-	0.1	J	2.1		0.1	J	ND		ND		0.8	J	2.1	
m,p-Xylenes	µg/L	-	-	-	0.3	J	3.8		ND		ND		ND		2.6	J	3.8	
Naphthalene	µg/L	-	-	-	1.9		23.5		1.1		1.1		ND		8.7		23.5	
o-Xylene	µg/L	-	-	-	0.2	J	2.1		0.1	J	ND		ND		0.9	J	2.1	
Toluene	µg/L	-	-	-	0.4	J	6.2		0.3	J	ND		ND		2.3	J	6.2	
Xylenes, Total	µg/L	-	-	-	0.4	J	5.9		ND		ND		ND		4.1	J	5.9	

ND=Not detected above the project acceptable detection limit
J=Analyte detected below quantitation limits
H = Holding times exceeded

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
November 2023

<u>Parameter</u>	<u>Units</u>	<u>30 Day Avg Limit</u>	<u>Daily Max</u>	<u>GW Cleanup Goals</u>	<u>11/1/2023</u>		<u>11/8/2023</u>		<u>11/15/2023</u>		<u>11/21/2023</u>		<u>11/29/2023</u>		<u>Average</u>		<u>Maximum</u>	
Lab pH		-	-	-	6.91	H	6.94	H	6.97	H	6.98	H	6.93	H	6.95	H	6.98	H
Iron, Dissolved	mg/L	-	1	-	ND		ND		ND		ND		0.020	J	0.020	J	0.020	J
Iron, Total	mg/L	2	4	-	ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	mg/L	-	0.0608	-	ND		ND		ND		ND	S	ND		ND	S	ND	S
Acenaphthylene	mg/L	-	-	-	ND		ND		ND		ND	S	ND		ND	S	ND	S
Anthracene	mg/L	-	0.0023	-	ND		ND		ND		ND	S	ND		ND	S	ND	S
Benzo(a)anthracene	mg/L	-	0.001	-	ND		ND		ND		ND	S	ND		ND	S	ND	S
Benzo(a)pyrene	mg/L	-	0.0005	-	ND		ND		ND		ND	S	ND		ND	S	ND	S
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND	S	ND		ND	S	ND	S
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND	S	ND		ND	S	ND	S
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND	S	ND		ND	S	ND	S
Chrysene	mg/L	-	-	-	ND		ND		ND		ND	S	ND		ND	S	ND	S
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND	S	ND		ND	S	ND	S
Fluoranthene	mg/L	0.053	0.398	-	ND		ND		ND		ND	S	ND		ND	S	ND	S
Fluorene	mg/L	-	-	-	ND		ND		ND		ND	S	ND		ND	S	ND	S
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND	S	ND		ND	S	ND	S
m,p-Cresol	mg/L	-	1.9	-	ND		ND		ND		ND	S	ND		ND	S	ND	S
o-Cresol	mg/L	-	1.9	-	ND		ND		ND		ND	S	ND		ND	S	ND	S
Phenanthrene	mg/L	-	0.01	-	ND		ND		ND		ND	S	ND		ND	S	ND	S
Pyrene	mg/L	-	-	-	ND		ND		ND		ND	S	ND		ND	S	ND	S
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Benzene	µg/L	-	50	-	ND		ND		ND		ND		ND		ND		ND	
Ethylbenzene	µg/L	17	216	-	ND		ND		ND		ND		ND		ND		ND	
m,p-Xylenes	µg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Naphthalene	µg/L	-	670	-	ND		ND		ND		ND		ND	B	ND	B	ND	B
o-Xylene	µg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Toluene	µg/L	70	750	-	ND		ND		ND		ND		ND		ND		ND	
Xylenes, Total	µg/L	117	750	-	ND		ND		ND		ND		ND		ND		ND	

ND=Not detected above the project acceptable detection limit

J=Analyte detected below quantitation limits

B=Analyte found in the method blank at a concentration

H = Holding times exceeded

S = Matrix spike outside control limits

Trip Blank
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
November 2023

<u>Parameter</u>	<u>Units</u>	<u>30 Day Avg Limit</u>	<u>Daily Max</u>	<u>GW Cleanup Goals</u>	<u>11/1/2023</u>	<u>11/8/2023</u>	<u>11/15/2023</u>	<u>11/21/2023</u>	<u>11/29/2023</u>	<u>Average</u>	<u>Maximum</u>
Benzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Naphthalene	µg/L	-	-	-	ND	ND	ND	ND	ND B	ND B	ND B
o-Xylene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Toluene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND

ND=Not detected above the project acceptable detection limit

MGP Pump & Treat System Summary
Taylorville, Illinois
December 2023

DATE	TOTALIZER READING	FLOW	EXTRACTION WELL	Water Level		Flow Data	Gallons
				East	West	For Month	1,502,029
Dec-23						To Pond	1,502,029
						Below Pond	
1	1,238,663	45,342	WEST	NM ⁽¹⁾	50	Average	48,453
2	1,284,005	66,681	WEST	NM ⁽¹⁾	50	Maximum	66,681
3	1,350,686	55,454	WEST	NM ⁽¹⁾	50	Minimum	23,030
4	1,406,140	56,057	WEST	NM ⁽¹⁾	52	Total Through Nov	1,358,503,036
5	1,462,197	38,074	WEST	NM ⁽¹⁾	52	Total Through Dec	1,360,005,065
6	1,500,271	51,917	WEST	NM ⁽¹⁾	50		
7	1,552,188	41,620	WEST	NM ⁽¹⁾	50		
8	1,593,808	53,605	WEST	NM ⁽¹⁾	50		
9	1,647,413	49,506	WEST	NM ⁽¹⁾	50		
10	1,696,919	37,191	WEST	NM ⁽¹⁾	50		
11	1,734,110	58,101	WEST	NM ⁽¹⁾	52		
12	1,792,211	37,593	WEST	NM ⁽¹⁾	52		
13	1,829,804	35,932	WEST	NM ⁽¹⁾	52		
14	1,865,736	52,698	WEST	NM ⁽¹⁾	52		
15	1,918,434	36,112	WEST	NM ⁽¹⁾	50		
16	1,954,546	47,608	WEST	NM ⁽¹⁾	50		
17	2,002,154	43,577	WEST	NM ⁽¹⁾	50		
18	2,045,731	45,998	WEST	NM ⁽¹⁾	50		
19	2,091,729	43,063	WEST	NM ⁽¹⁾	52		
20	2,134,792	38,545	WEST	NM ⁽¹⁾	52		
21	2,173,337	65,390	WEST	NM ⁽¹⁾	52		
22	2,238,727	63,840	WEST	NM ⁽¹⁾	48		
23	2,302,567	45,209	WEST	NM ⁽¹⁾	48		
24	2,347,776	40,488	WEST	NM ⁽¹⁾	50		
25	2,388,264	62,970	WEST	NM ⁽¹⁾	50		
26	2,451,234	40,736	WEST	NM ⁽¹⁾	52		
27	2,491,970	23,030	WEST	NM ⁽¹⁾	52		
28	2,515,000	62,557	WEST	NM ⁽¹⁾	52		
29	2,577,557	50,276	WEST	NM ⁽¹⁾	48		
30	2,627,833	63,428	WEST	NM ⁽¹⁾	48		
31	2,691,261	49,431	WEST	NM ⁽¹⁾	50		
Jan-24	2,740,692				50		

(1) Not measured - RW abandoned

Maintenance Summary

Well Cleaning	None		
Vessel	North	South	
Carbon Change	12/8/2023	None	
Cleaned Effluent Backwash Storage	None	None	
Back Washed Vessels	12/8/2023	12/19/2023	
Changed Bag Filters	North	Middle	South
	Inoperable	12/7/2023	12/1/2022
	Inoperable	12/14/2023	12/8/2022
	Inoperable	12/21/2023	12/15/2022
	Inoperable	12/28/2023	12/22/2022
Drum Disposal	None		

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
December 2023

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	12/6/2023		12/13/2023		12/20/2023		12/27/2023		Average	Maximum	
Lab pH		-	-	-	7.02	H	6.9	H	7.1	H	7.11	H	7.03	7.11	H
Iron, Dissolved	mg/L	-	-	-	0.265		0.238		0.373		0.232		0.277	0.373	
Iron, Total	mg/L	-	-	-	1.72		1.43		1.57		1.50		1.56	1.72	
Acenaphthene	mg/L	-	-	0.42	0.0188		0.0142		0.0209		0.0107		0.0162	0.0209	
Acenaphthylene	mg/L	-	-	-	0.00485		0.00310		0.00643		0.00190		0.00407	0.00643	
Anthracene	mg/L	-	-	2.1	0.00409		0.00497		0.00547		0.00379		0.00458	0.00547	
Benzo(a)anthracene	mg/L	-	-	0.00013	0.000298		0.000368		0.000392		0.000228		0.000322	0.000392	
Benzo(a)pyrene	mg/L	-	-	0.00023	ND		ND		ND		ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	0.000081	J	0.000080	J	0.000108		ND		0.000090	0.000108	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		0.000059	J	ND		0.000059	0.000059	J
Chrysene	mg/L	-	-	-	0.000213		0.000257		0.000307		0.000175		0.000238	0.000307	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Fluoranthene	mg/L	-	-	0.28	0.00337		0.00420		0.00437		0.00310		0.00376	0.00437	
Fluorene	mg/L	-	-	-	0.0110		0.0104		0.0122		0.00770		0.0103	0.0122	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
m,p-Cresol	mg/L	-	-	0.35	0.00120	J	ND		ND		ND		0.00120	0.00120	J
o-Cresol	mg/L	-	-	0.35	0.0029	J	0.0032	J	ND		0.0017	J	0.0026	0.0032	J
Phenanthrene	mg/L	-	-	-	0.0227		0.0227		0.0272		0.0145		0.0218	0.0272	
Pyrene	mg/L	-	-	-	0.00303		0.00385		0.00550		0.00374		0.00403	0.00550	
Total PNAs except Naphthalene	mg/L	-	-	-	0.0685		0.0641		0.0830		0.0444		0.0650	0.0830	
Benzene	µg/L	-	-	5	157		157		135		134		146	157	
Ethylbenzene	µg/L	-	-	700	32.8		25.5		31.3		26.6		29.1	32.8	
m,p-Xylenes	µg/L	-	-	-	44.4		40.7		36.1		39.8		40.3	44.4	
Naphthalene	µg/L	-	-	25	265		306		235		229		259	306	
o-Xylene	µg/L	-	-	-	22.6		21.6		19.0	J	20.9		21.0	22.6	
Toluene	µg/L	-	-	1000	97.5		81.9		83.5		73.7		84.2	97.5	
Xylenes, Total	µg/L	-	-	10000	67.0		62.3		55.1		60.7		61.3	67.0	

J = Estimated concentration

BOLD text indicates exceedance of the groundwater quality standard

B = Analyte present in method blank

H= Holding times exceeded

Between Columns
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
December 2023

<u>Parameter</u>	<u>Units</u>	<u>30 Day Avg Limit</u>	<u>Daily Max</u>	<u>GW Cleanup Goals</u>	<u>12/6/2023</u>		<u>12/13/2023</u>		<u>12/20/2023</u>		<u>12/27/2023</u>		<u>Average</u>	<u>Maximum</u>	
Lab pH		-	-	-	6.95	H	6.95	H	7.08	H	7.05	H	7.01	7.08	H
Iron, Dissolved	mg/L	-	-	-	0.0210	J	0.0429		0.0280	J	ND		0.0306	0.0429	
Iron, Total	mg/L	-	-	-	0.0250	J	0.0543		0.0487		0.0370	J	0.0413	0.0543	
Acenaphthene	mg/L	-	-	-	0.000147		ND		ND		ND		0.000147	0.000147	
Acenaphthylene	mg/L	-	-	-	0.000070	J	ND		ND		ND		0.000070	0.000070	J
Anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzo(a)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzo(a)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Chrysene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Fluorene	mg/L	-	-	-	0.00010	J	ND		ND		ND		0.00010	0.00010	J
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
m,p-Cresol	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
o-Cresol	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Phenanthrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzene	µg/L	-	-	-	3.0		ND		0.6		ND		1.8	3.0	
Ethylbenzene	µg/L	-	-	-	0.2	J	ND		ND		ND		0.1	0.2	J
m,p-Xylenes	µg/L	-	-	-	0.4	J	ND		ND		ND		0.4	0.4	J
Naphthalene	µg/L	-	-	-	2.0		ND		ND		ND		2.0	2.0	
o-Xylene	µg/L	-	-	-	0.2	J	ND		ND		ND		0.2	0.2	J
Toluene	µg/L	-	-	-	0.6	J	ND		ND		ND		0.6	0.6	J
Xylenes, Total	µg/L	-	-	-	0.6	J	ND		ND		ND		0.6	0.6	J

ND=Not detected above the project acceptable detection limit

J=Analyte detected below quantitation limits

H= Holding times exceeded

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
December 2023

<u>Parameter</u>	<u>Units</u>	<u>30 Day Avg Limit</u>	<u>Daily Max</u>	<u>GW Cleanup Goals</u>	<u>12/6/2023</u>		<u>12/13/2023</u>		<u>12/20/2023</u>		<u>12/27/2023</u>		<u>Average</u>	<u>Maximum</u>	
Lab pH		-	-	-	6.99	H	6.86	H	7.05	H	7.05	H	6.99	7.05	H
Iron, Dissolved	mg/L	-	1	-	ND		ND		ND		ND		ND	ND	
Iron, Total	mg/L	2	4	-	ND		ND		ND		0.037	J	0.037	0.037	J
Acenaphthene	mg/L	-	0.0608	-	ND		ND		ND		ND		ND	ND	
Acenaphthylene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Anthracene	mg/L	-	0.0023	-	ND		ND		ND		ND		ND	ND	
Benzo(a)anthracene	mg/L	-	0.001	-	ND		ND		ND		ND		ND	ND	
Benzo(a)pyrene	mg/L	-	0.0005	-	ND		ND		ND		ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Chrysene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Fluoranthene	mg/L	0.053	0.398	-	ND		ND		ND		ND		ND	ND	
Fluorene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
m,p-Cresol	mg/L	-	1.9	-	ND		ND		ND		ND		ND	ND	
o-Cresol	mg/L	-	1.9	-	ND		ND		ND		ND		ND	ND	
Phenanthrene	mg/L	-	0.01	-	ND		ND		ND		ND		ND	ND	
Pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzene	µg/L	-	50	-	ND		ND		ND		ND		ND	ND	
Ethylbenzene	µg/L	17	216	-	ND		ND		ND		ND		ND	ND	
m,p-Xylenes	µg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Naphthalene	µg/L	-	670	-	ND		ND		ND		ND		ND	ND	
o-Xylene	µg/L	-	-	-	ND		ND		ND	S	ND		ND	ND	S
Toluene	µg/L	70	750	-	ND		ND		ND		ND		ND	ND	
Xylenes, Total	µg/L	117	750	-	ND		ND		ND		ND		ND	ND	

ND=Not detected above the project acceptable detection limit

J=Analyte detected below quantitation limits

S=Spike recovery outside recovery limits

H= Holding times exceeded

Trip Blank
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
December 2023

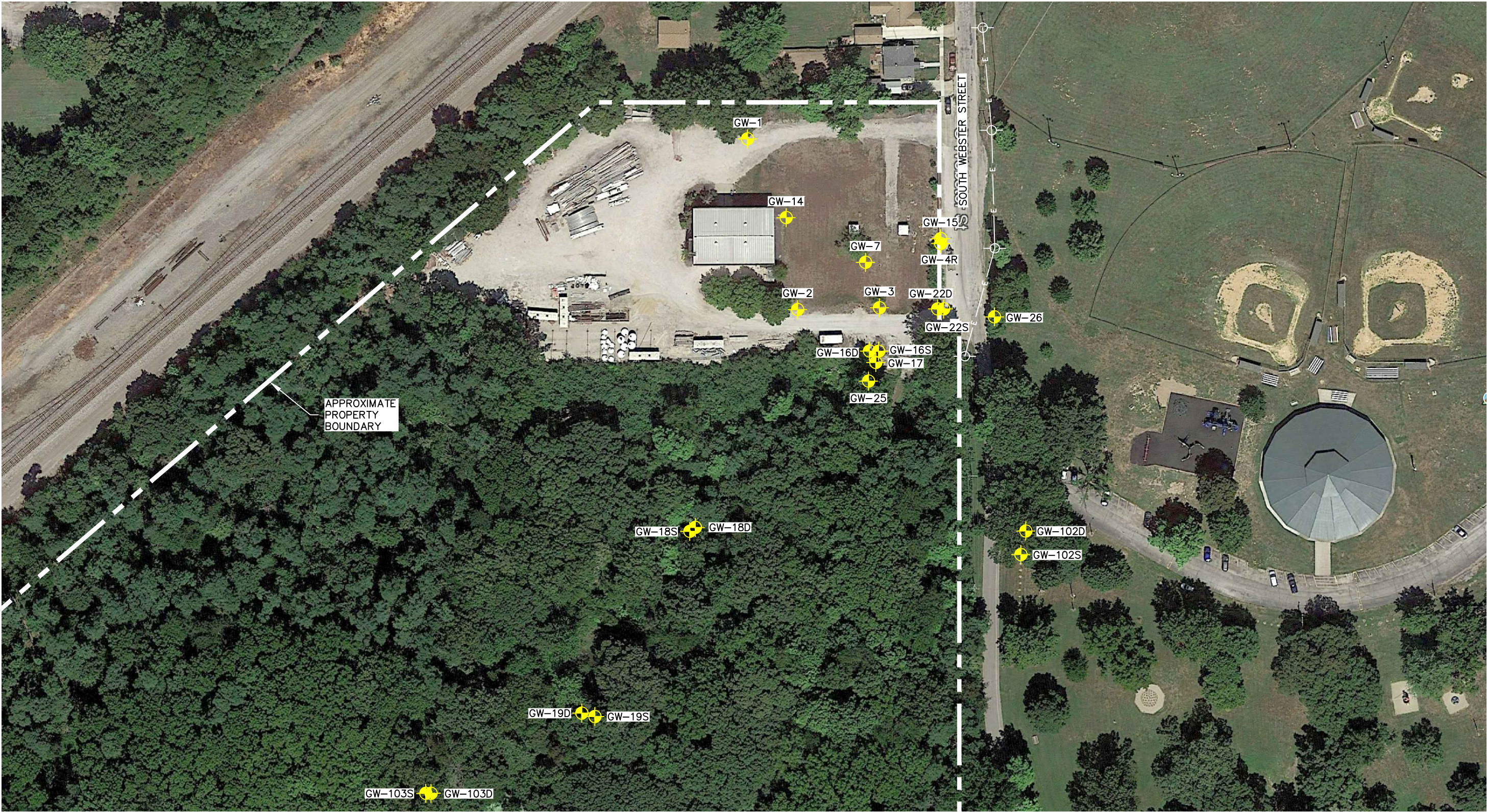
<u>Parameter</u>	<u>Units</u>	<u>30 Day Avg Limit</u>	<u>Daily Max</u>	<u>GW Cleanup Goals</u>	<u>12/6/2023</u>	<u>12/13/2023</u>	<u>12/21/2023</u>	<u>12/27/2023</u>	<u>Average</u>	<u>Maximum</u>
Benzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Ethylbenzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Naphthalene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
o-Xylene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Toluene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Xylenes, Total	µg/L	-	-	-	ND	ND	ND	ND	ND	ND

ND=Not detected above the project acceptable detection limit

B = Analyte present in method blank

J = Estimated concentration

MONITORING WELL LOCATION MAP



Q:\TeamID\MMV\CinA-DIAMEREN SERVICES\0496580\0496580-01.dwg, MW LOCATION MAP, 1/26/2021 11:18:43 AM, FAK - Holland, Mi.

LEGEND

- MONITORING WELL
- POWER POLES
- OVERHEAD POWER LINES

0 100 200
SCALE (IN FEET)

Drawn By GML
CADD Review FG
Date Drawn/Rev'd 9/27/19 - 1/26/21



FORMER CIPS MGP SITE 917 SOUTH WEBSTER STREET TAYLORVILLE, ILLINOIS	CHK'D BC
	0496580
Environmental Resources Management	
FIGURE 1	



16 November 2023

Mr. Dave Palmer
Ameren Services Company
Manager, Environmental Support & Waste Management
Environmental Strategy & Analysis
1901 Chouteau Avenue / MC 602
St. Louis, Missouri 63103

Subject: Year 2023 Quarter 4 Groundwater Sampling Results
Former MGP Site – Taylorville, Illinois
ERM Project No. 0677245

Dear Dave:

Environmental Resources Management Inc. (ERM) appreciates the opportunity to provide groundwater sampling services at the Ameren former manufactured gas plant (MGP) site in Taylorville, Illinois (the "Site"). ERM has been performing quarterly groundwater sampling at the Site for Ameren since the start of remediation activities.

Groundwater sampling activities for the fourth quarter of 2023 occurred from 25 October through 27 October 2023.

The analytical results from the fourth quarter of groundwater sampling, provided by Teklab, Inc., are presented in Attachment A. A summary of the quarterly groundwater sampling data from 2015 to the present for each monitoring well is presented in Attachment B.

The data for the current quarter is generally consistent with what has been observed during past events, in that the highest level of impacts exceeding applicable Remediation Objectives (ROs) as defined by the Illinois Environmental Protection Agency (IEPA) are noted primarily at monitoring well GW-04R. At this location, the benzene concentrations are of the same order of magnitude to what has been observed historically, while for the second consecutive sampling event, naphthalene concentrations were observed at an order of magnitude lower than historically detected. The detected concentrations of both these parameters concentrations exceed their applicable ROs.

Benzo(a)anthracene was detected at monitoring well GW-07 above its applicable RO. This finding is consistent with historical groundwater analytical results at this location.

Wells on the downgradient perimeter of the Site, which includes monitoring wells GW-16S, GW-16D, GW-17, GW-22S, GW-22D, GW-25, and GW-26, did not have any exceedances of the ROs for the primary Site constituents of concern (COC), with one exception. Bis(2-ethylhexyl)phthalate was detected above its applicable RO at monitoring well GW-16D. This finding is largely consistent with historical groundwater analytical results at this location, as this constituent is intermittently detected at this location.

Consistent with previous sampling events, polynuclear aromatic hydrocarbons (PAHs) including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, Dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene were detected at concentrations exceeding the applicable ROs at GW-20. However, volatile organic compounds (VOCs) were

not detected at this location above laboratory quantitation limits during this sampling event. VOCs would be expected to be consistently present in samples from GW-20 if the PAHs detected were related to the former MGP Site, however VOCs have not historically been observed at this location.

Groundwater samples were not collected from monitoring wells GW-01, GW-02, and GW-03 during the fourth quarter groundwater sampling event. As discussed in the third quarter 2023 groundwater sampling event report, GW-01 and GW-03 were abandoned by GeoServe Inc, an Illinois licensed driller, on 5 July through 6 July 2023 for facilitation of the in-situ stabilization (ISS) pilot study activities at the Site. The ISS pilot study activities, including the abandonment of these monitoring wells, was approved by the IEPA in a letter dated 21 June 2023.

As with the third quarter 2023 sampling event, GW-02 was unable to be sampled during the fourth quarter sampling event due to damage to the well casing. The damaged well casing at GW-02 prevents the gauging and sampling of this monitoring well. ERM recommends that this monitoring well be abandoned in accordance with Illinois Department of Public Health (IDPH) and plans to submit a request for approval to abandon the monitoring well to IEPA in the near future.

ERM appreciates the opportunity to provide groundwater sampling activities at the Taylorville former MGP Site. Should you have any questions please contact me at (314) 341-7699.

Sincerely,



Michael Abegg, RG (MO)
Senior Consultant

ATTACHMENT A ANALYTICAL RESULTS: OCTOBER 2023

November 10, 2023

Michael Abegg
ERM
1968 Craig Road
Suite 100
St. Louis, MO 63146
TEL:
FAX:



Illinois	100226
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: Ameren Taylorville 4th Qtr 2023

WorkOrder: 23102244

Dear Michael Abegg:

TEKLAB, INC received 23 samples on 10/27/2023 1:36:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,



Elizabeth A. Hurley
Director of Customer Service
(618)344-1004 ex 33
ehurley@teklabinc.com

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Sample Summary	30
Dates Report	31
Quality Control Results	34
Receiving Check List	52
Chain of Custody	Appended

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

Abbr Definition

* Analytes on report marked with an asterisk are not NELAP accredited

CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.

CRQL A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.

DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.

DNI Did not ignite

DUP Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.

ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.

IDPH IL Dept. of Public Health

LCS Laboratory control sample is a sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.

LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MBLK Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.

MDL "The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."

MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).

MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MW Molecular weight

NC Data is not acceptable for compliance purposes

ND Not Detected at the Reporting Limit

NELAP NELAP Accredited

PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.

RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.

RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).

SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.

Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.

TIC Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"

TNTC Too numerous to count (> 200 CFU)

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

Qualifiers

- | | |
|---|--|
| # - Unknown hydrocarbon | B - Analyte detected in associated Method Blank |
| C - RL shown is a Client Requested Quantitation Limit | E - Value above quantitation range |
| H - Holding times exceeded | I - Associated internal standard was outside method criteria |
| J - Analyte detected below quantitation limits | M - Manual Integration used to determine area response |
| ND - Not Detected at the Reporting Limit | R - RPD outside accepted recovery limits |
| S - Spike Recovery outside recovery limits | T - TIC(Tentatively identified compound) |
| X - Value exceeds Maximum Contaminant Level | |

Client: ERM**Work Order:** 23102244**Client Project:** Ameren Taylorville 4th Qtr 2023**Report Date:** 10-Nov-23**Cooler Receipt Temp:** 6.2 °C

This report was revised on November 10, 2023 per Michael Abegg's request. The reason for the revision is change the date/time of collection for the Trip Blank to match what is listed on the chain of custody rather than the received date/time as the "end of trip." Please replace report dated November 6, 2023 with this report. EAH 11/10/23

Locations

Collinsville

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
Email jhriley@teklabinc.com

Collinsville Air

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
Email EHurley@teklabinc.com

Springfield

Address 3920 Pintail Dr
Springfield, IL 62711-9415
Phone (217) 698-1004
Fax (217) 698-1005
Email KKlostermann@teklabinc.com

Chicago

Address 1319 Butterfield Rd.
Downers Grove, IL 60515
Phone (630) 324-6855
Fax
Email arenner@teklabinc.com

Kansas City

Address 8421 Nieman Road
Lenexa, KS 66214
Phone (913) 541-1998
Fax (913) 541-1998
Email jhriley@teklabinc.com

Client: ERM**Work Order:** 23102244**Client Project:** Ameren Taylorville 4th Qtr 2023**Report Date:** 10-Nov-23

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2024	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2024	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2024	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2024	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2024	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2024	Collinsville
Kentucky	UST	0073		1/31/2024	Collinsville
Missouri	MDNR	00930		5/31/2023	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

Lab ID: 23102244-001

Client Sample ID: GW-04R-WG-20231027

Matrix: GROUNDWATER

Collection Date: 10/27/2023 10:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000700	0.00100		0.0330	mg/L	10	11/03/2023 17:51	214142
Acenaphthylene	NELAP	0.000050	0.000100		0.00163	mg/L	1	11/03/2023 12:04	214142
Anthracene	NELAP	0.000200	0.000300		0.000920	mg/L	1	11/03/2023 12:04	214142
Benzo(a)anthracene	NELAP	0.000070	0.000100		0.000570	mg/L	1	11/03/2023 12:04	214142
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/03/2023 12:04	214142
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		0.000557	mg/L	1	11/03/2023 12:04	214142
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/03/2023 12:04	214142
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		0.000116	mg/L	1	11/03/2023 12:04	214142
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	11/03/2023 12:04	214142
Chrysene	NELAP	0.000050	0.000100		0.00217	mg/L	1	11/03/2023 12:04	214142
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/03/2023 12:04	214142
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/03/2023 12:04	214142
Fluoranthene	NELAP	0.00270	0.00300		0.00893	mg/L	10	11/03/2023 17:51	214142
Fluorene	NELAP	0.00800	0.0200		0.0573	mg/L	100	11/03/2023 17:12	214142
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/03/2023 12:04	214142
m,p-Cresol	NELAP	0.00059	0.010	J	0.00079	mg/L	1	11/03/2023 12:04	214142
Naphthalene	NELAP	0.0340	0.0400		0.343	mg/L	100	11/03/2023 17:12	214142
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/03/2023 12:04	214142
Phenanthrene	NELAP	0.0530	0.0600		0.0669	mg/L	100	11/03/2023 17:12	214142
Pyrene	NELAP	0.000180	0.000200		0.00411	mg/L	1	11/03/2023 12:04	214142
Surr: 2,4,6-Tribromophenol	*	0	10-179		92.5	%REC	1	11/03/2023 12:04	214142
Surr: 2-Fluorobiphenyl	*	0	21.4-142		80.6	%REC	1	11/03/2023 12:04	214142
Surr: 2-Fluorophenol	*	0	10-157		75.1	%REC	1	11/03/2023 12:04	214142
Surr: Nitrobenzene-d5	*	0	15-163		90.9	%REC	1	11/03/2023 12:04	214142
Surr: Phenol-d5	*	0	10-162		69.4	%REC	1	11/03/2023 12:04	214142
Surr: p-Terphenyl-d14	*	0	10-173		78.8	%REC	1	11/03/2023 12:04	214142
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.50	5.00		346	µg/L	10	10/28/2023 6:09	213960
Bromoform	NELAP	0.90	2.00		ND	µg/L	10	10/28/2023 6:09	213960
Ethylbenzene	NELAP	1.00	10.0		117	µg/L	10	10/28/2023 6:09	213960
m,p-Xylenes	NELAP	2.20	10.0		14.7	µg/L	10	10/28/2023 6:09	213960
Methylene chloride	NELAP	8.70	20.0		ND	µg/L	10	10/28/2023 6:09	213960
Naphthalene	NELAP	5.70	20.0		510	µg/L	10	10/28/2023 6:09	213960
o-Xylene	NELAP	0.50	10.0		62.0	µg/L	10	10/28/2023 6:09	213960
Toluene	NELAP	1.00	20.0		24.8	µg/L	10	10/28/2023 6:09	213960
trans-1,2-Dichloroethene	NELAP	1.00	20.0		ND	µg/L	10	10/28/2023 6:09	213960
Xylenes, Total	NELAP	2.80	20.0		76.7	µg/L	10	10/28/2023 6:09	213960
Surr: 1,2-Dichloroethane-d4	*	0	80-120		95.2	%REC	10	10/28/2023 6:09	213960
Surr: 4-Bromofluorobenzene	*	0	80-120		89.3	%REC	10	10/28/2023 6:09	213960
Surr: Dibromofluoromethane	*	0	80-120		105.2	%REC	10	10/28/2023 6:09	213960
Surr: Toluene-d8	*	0	80-120		95.5	%REC	10	10/28/2023 6:09	213960

Elevated reporting limit due to high levels of target and/or non-target analytes.

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

Lab ID: 23102244-002

Client Sample ID: GW-05-WG-20231025

Matrix: GROUNDWATER

Collection Date: 10/25/2023 13:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/01/2023 15:40	214029
Acenaphthylene	NELAP	0.000050	0.000100		ND	mg/L	1	11/01/2023 15:40	214029
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	11/01/2023 15:40	214029
Benzo(a)anthracene	NELAP	0.000070	0.000100		ND	mg/L	1	11/01/2023 15:40	214029
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/01/2023 15:40	214029
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/01/2023 15:40	214029
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/01/2023 15:40	214029
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		ND	mg/L	1	11/01/2023 15:40	214029
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	11/01/2023 15:40	214029
Chrysene	NELAP	0.000050	0.000100		ND	mg/L	1	11/01/2023 15:40	214029
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/01/2023 15:40	214029
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/01/2023 15:40	214029
Fluoranthene	NELAP	0.000270	0.000300		ND	mg/L	1	11/01/2023 15:40	214029
Fluorene	NELAP	0.000080	0.000200	B	ND	mg/L	1	11/01/2023 15:40	214029
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/01/2023 15:40	214029
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/01/2023 15:40	214029
Naphthalene	NELAP	0.000340	0.000400		ND	mg/L	1	11/01/2023 15:40	214029
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/01/2023 15:40	214029
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/01/2023 15:40	214029
Pyrene	NELAP	0.000180	0.000200		ND	mg/L	1	11/01/2023 15:40	214029
Surr: 2,4,6-Tribromophenol	*	0	10-179		94.8	%REC	1	11/01/2023 15:40	214029
Surr: 2-Fluorobiphenyl	*	0	21.4-142		76.4	%REC	1	11/01/2023 15:40	214029
Surr: 2-Fluorophenol	*	0	10-157		84.8	%REC	1	11/01/2023 15:40	214029
Surr: Nitrobenzene-d5	*	0	15-163		85.4	%REC	1	11/01/2023 15:40	214029
Surr: Phenol-d5	*	0	10-162		74.7	%REC	1	11/01/2023 15:40	214029
Surr: p-Terphenyl-d14	*	0	10-173		89.2	%REC	1	11/01/2023 15:40	214029
Contamination present in the MBLK for Fluorene. Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	10/28/2023 6:34	213960
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/28/2023 6:34	213960
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/28/2023 6:34	213960
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/28/2023 6:34	213960
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/28/2023 6:34	213960
Naphthalene	NELAP	0.57	2.0	J	0.93	µg/L	1	10/28/2023 6:34	213960
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/28/2023 6:34	213960
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 6:34	213960
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 6:34	213960
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/28/2023 6:34	213960
Surr: 1,2-Dichloroethane-d4	*	0	80-120		95.9	%REC	1	10/28/2023 6:34	213960
Surr: 4-Bromofluorobenzene	*	0	80-120		92.4	%REC	1	10/28/2023 6:34	213960
Surr: Dibromofluoromethane	*	0	80-120		104.6	%REC	1	10/28/2023 6:34	213960
Surr: Toluene-d8	*	0	80-120		95.5	%REC	1	10/28/2023 6:34	213960

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

Lab ID: 23102244-003

Client Sample ID: GW-07-WG-20231027

Matrix: GROUNDWATER

Collection Date: 10/27/2023 8:25

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		0.000158	mg/L	1	11/03/2023 12:43	214142
Acenaphthylene	NELAP	0.000050	0.000100		0.000202	mg/L	1	11/03/2023 12:43	214142
Anthracene	NELAP	0.000200	0.000300		0.00161	mg/L	1	11/03/2023 12:43	214142
Benzo(a)anthracene	NELAP	0.000070	0.000100		0.000211	mg/L	1	11/03/2023 12:43	214142
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/03/2023 12:43	214142
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/03/2023 12:43	214142
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/03/2023 12:43	214142
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		ND	mg/L	1	11/03/2023 12:43	214142
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		0.00271	mg/L	1	11/03/2023 12:43	214142
Chrysene	NELAP	0.000050	0.000100		0.000184	mg/L	1	11/03/2023 12:43	214142
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/03/2023 12:43	214142
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/03/2023 12:43	214142
Fluoranthene	NELAP	0.000270	0.000300		0.00122	mg/L	1	11/03/2023 12:43	214142
Fluorene	NELAP	0.000080	0.000200		0.000393	mg/L	1	11/03/2023 12:43	214142
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/03/2023 12:43	214142
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/03/2023 12:43	214142
Naphthalene	NELAP	0.000340	0.000400		0.000614	mg/L	1	11/03/2023 12:43	214142
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/03/2023 12:43	214142
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/03/2023 12:43	214142
Pyrene	NELAP	0.000180	0.000200		0.00265	mg/L	1	11/03/2023 12:43	214142
Surr: 2,4,6-Tribromophenol	*	0	10-179		97.1	%REC	1	11/03/2023 12:43	214142
Surr: 2-Fluorobiphenyl	*	0	21.4-142		69.3	%REC	1	11/03/2023 12:43	214142
Surr: 2-Fluorophenol	*	0	10-157		77.4	%REC	1	11/03/2023 12:43	214142
Surr: Nitrobenzene-d5	*	0	15-163		76.8	%REC	1	11/03/2023 12:43	214142
Surr: Phenol-d5	*	0	10-162		61.7	%REC	1	11/03/2023 12:43	214142
Surr: p-Terphenyl-d14	*	0	10-173		82.3	%REC	1	11/03/2023 12:43	214142
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	10/28/2023 6:59	213960
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/28/2023 6:59	213960
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/28/2023 6:59	213960
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/28/2023 6:59	213960
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/28/2023 6:59	213960
Naphthalene	NELAP	0.57	2.00		ND	µg/L	1	10/28/2023 6:59	213960
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/28/2023 6:59	213960
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 6:59	213960
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 6:59	213960
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/28/2023 6:59	213960
Surr: 1,2-Dichloroethane-d4	*	0	80-120		97.3	%REC	1	10/28/2023 6:59	213960
Surr: 4-Bromofluorobenzene	*	0	80-120		92.6	%REC	1	10/28/2023 6:59	213960
Surr: Dibromofluoromethane	*	0	80-120		106.4	%REC	1	10/28/2023 6:59	213960
Surr: Toluene-d8	*	0	80-120		95.4	%REC	1	10/28/2023 6:59	213960

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

Lab ID: 23102244-004

Client Sample ID: GW-14-WG-20231026

Matrix: GROUNDWATER

Collection Date: 10/26/2023 17:35

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 15:29	214029
Acenaphthylene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 15:29	214029
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	11/02/2023 15:29	214029
Benzo(a)anthracene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 15:29	214029
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/02/2023 15:29	214029
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 15:29	214029
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 15:29	214029
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 15:29	214029
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		0.00216	mg/L	1	11/02/2023 15:29	214029
Chrysene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 15:29	214029
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 15:29	214029
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/02/2023 15:29	214029
Fluoranthene	NELAP	0.000270	0.000300		ND	mg/L	1	11/02/2023 15:29	214029
Fluorene	NELAP	0.000080	0.000200	B	ND	mg/L	1	11/02/2023 15:29	214029
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/02/2023 15:29	214029
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/02/2023 15:29	214029
Naphthalene	NELAP	0.000340	0.000400		ND	mg/L	1	11/02/2023 15:29	214029
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/02/2023 15:29	214029
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/02/2023 15:29	214029
Pyrene	NELAP	0.000180	0.000200		ND	mg/L	1	11/02/2023 15:29	214029
Surr: 2,4,6-Tribromophenol	*	0	10-179		102.1	%REC	1	11/02/2023 15:29	214029
Surr: 2-Fluorobiphenyl	*	0	21.4-142		71.0	%REC	1	11/02/2023 15:29	214029
Surr: 2-Fluorophenol	*	0	10-157		77.2	%REC	1	11/02/2023 15:29	214029
Surr: Nitrobenzene-d5	*	0	15-163		74.9	%REC	1	11/02/2023 15:29	214029
Surr: Phenol-d5	*	0	10-162		61.9	%REC	1	11/02/2023 15:29	214029
Surr: p-Terphenyl-d14	*	0	10-173		86.6	%REC	1	11/02/2023 15:29	214029
Contamination present in the MBLK for Fluorene. Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	10/28/2023 7:24	213960
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/28/2023 7:24	213960
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/28/2023 7:24	213960
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/28/2023 7:24	213960
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/28/2023 7:24	213960
Naphthalene	NELAP	0.57	2.00		ND	µg/L	1	10/28/2023 7:24	213960
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/28/2023 7:24	213960
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 7:24	213960
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 7:24	213960
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/28/2023 7:24	213960
Surr: 1,2-Dichloroethane-d4	*	0	80-120		96.1	%REC	1	10/28/2023 7:24	213960
Surr: 4-Bromofluorobenzene	*	0	80-120		92.5	%REC	1	10/28/2023 7:24	213960
Surr: Dibromofluoromethane	*	0	80-120		105.2	%REC	1	10/28/2023 7:24	213960
Surr: Toluene-d8	*	0	80-120		94.8	%REC	1	10/28/2023 7:24	213960

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

Lab ID: 23102244-005

Client Sample ID: GW-15-WG-20231027

Matrix: GROUNDWATER

Collection Date: 10/27/2023 10:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/03/2023 15:16	214142
Acenaphthylene	NELAP	0.000050	0.000100		ND	mg/L	1	11/03/2023 15:16	214142
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	11/03/2023 15:16	214142
Benzo(a)anthracene	NELAP	0.000070	0.000100		ND	mg/L	1	11/03/2023 15:16	214142
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/03/2023 15:16	214142
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/03/2023 15:16	214142
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/03/2023 15:16	214142
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		ND	mg/L	1	11/03/2023 15:16	214142
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200	S	ND	mg/L	1	11/03/2023 15:16	214142
Chrysene	NELAP	0.000050	0.000100		ND	mg/L	1	11/03/2023 15:16	214142
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/03/2023 15:16	214142
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/03/2023 15:16	214142
Fluoranthene	NELAP	0.000270	0.000300		ND	mg/L	1	11/03/2023 15:16	214142
Fluorene	NELAP	0.000080	0.000200		ND	mg/L	1	11/03/2023 15:16	214142
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/03/2023 15:16	214142
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/03/2023 15:16	214142
Naphthalene	NELAP	0.000340	0.000400		ND	mg/L	1	11/03/2023 15:16	214142
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/03/2023 15:16	214142
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/03/2023 15:16	214142
Pyrene	NELAP	0.000180	0.000200		ND	mg/L	1	11/03/2023 15:16	214142
Surr: 2,4,6-Tribromophenol	*	0	10-179		120.4	%REC	1	11/03/2023 15:16	214142
Surr: 2-Fluorobiphenyl	*	0	21.4-142		99.6	%REC	1	11/03/2023 15:16	214142
Surr: 2-Fluorophenol	*	0	10-157		98.4	%REC	1	11/03/2023 15:16	214142
Surr: Nitrobenzene-d5	*	0	15-163		92.8	%REC	1	11/03/2023 15:16	214142
Surr: Phenol-d5	*	0	10-162		86.2	%REC	1	11/03/2023 15:16	214142
Surr: p-Terphenyl-d14	*	0	10-173		115.4	%REC	1	11/03/2023 15:16	214142
Matrix spike did not recover within control limits due to matrix interference.									
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	10/27/2023 21:58	213946
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/27/2023 21:58	213946
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/27/2023 21:58	213946
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/27/2023 21:58	213946
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/27/2023 21:58	213946
Naphthalene	NELAP	0.57	2.00		ND	µg/L	1	10/27/2023 21:58	213946
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/27/2023 21:58	213946
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/27/2023 21:58	213946
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/27/2023 21:58	213946
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/27/2023 21:58	213946
Surr: 1,2-Dichloroethane-d4	*	0	80-120		99.6	%REC	1	10/27/2023 21:58	213946
Surr: 4-Bromofluorobenzene	*	0	80-120		98.8	%REC	1	10/27/2023 21:58	213946
Surr: Dibromofluoromethane	*	0	80-120		103.7	%REC	1	10/27/2023 21:58	213946
Surr: Toluene-d8	*	0	80-120		103.1	%REC	1	10/27/2023 21:58	213946

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

Lab ID: 23102244-006

Client Sample ID: GW-16S-WG-20231025

Matrix: GROUNDWATER

Collection Date: 10/25/2023 16:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/01/2023 16:19	214029
Acenaphthylene	NELAP	0.000050	0.000100		ND	mg/L	1	11/01/2023 16:19	214029
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	11/01/2023 16:19	214029
Benzo(a)anthracene	NELAP	0.000070	0.000100		ND	mg/L	1	11/01/2023 16:19	214029
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/01/2023 16:19	214029
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/01/2023 16:19	214029
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/01/2023 16:19	214029
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		ND	mg/L	1	11/01/2023 16:19	214029
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		0.00426	mg/L	1	11/01/2023 16:19	214029
Chrysene	NELAP	0.000050	0.000100		ND	mg/L	1	11/01/2023 16:19	214029
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/01/2023 16:19	214029
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/01/2023 16:19	214029
Fluoranthene	NELAP	0.000270	0.000300		ND	mg/L	1	11/01/2023 16:19	214029
Fluorene	NELAP	0.000080	0.000200	B	ND	mg/L	1	11/01/2023 16:19	214029
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/01/2023 16:19	214029
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/01/2023 16:19	214029
Naphthalene	NELAP	0.000340	0.000400		ND	mg/L	1	11/01/2023 16:19	214029
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/01/2023 16:19	214029
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/01/2023 16:19	214029
Pyrene	NELAP	0.000180	0.000200		ND	mg/L	1	11/01/2023 16:19	214029
Surr: 2,4,6-Tribromophenol	*	0	10-179		92.7	%REC	1	11/01/2023 16:19	214029
Surr: 2-Fluorobiphenyl	*	0	21.4-142		80.7	%REC	1	11/01/2023 16:19	214029
Surr: 2-Fluorophenol	*	0	10-157		82.9	%REC	1	11/01/2023 16:19	214029
Surr: Nitrobenzene-d5	*	0	15-163		88.6	%REC	1	11/01/2023 16:19	214029
Surr: Phenol-d5	*	0	10-162		66.6	%REC	1	11/01/2023 16:19	214029
Surr: p-Terphenyl-d14	*	0	10-173		88.8	%REC	1	11/01/2023 16:19	214029
Contamination present in the MBLK for Fluorene. Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	10/28/2023 7:48	213960
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/28/2023 7:48	213960
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/28/2023 7:48	213960
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/28/2023 7:48	213960
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/28/2023 7:48	213960
Naphthalene	NELAP	0.57	2.00		ND	µg/L	1	10/28/2023 7:48	213960
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/28/2023 7:48	213960
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 7:48	213960
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 7:48	213960
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/28/2023 7:48	213960
Surr: 1,2-Dichloroethane-d4	*	0	80-120		97.2	%REC	1	10/28/2023 7:48	213960
Surr: 4-Bromofluorobenzene	*	0	80-120		91.2	%REC	1	10/28/2023 7:48	213960
Surr: Dibromofluoromethane	*	0	80-120		105.3	%REC	1	10/28/2023 7:48	213960
Surr: Toluene-d8	*	0	80-120		94.6	%REC	1	10/28/2023 7:48	213960

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

Lab ID: 23102244-007

Client Sample ID: GW-16D-WG-20231025

Matrix: GROUNDWATER

Collection Date: 10/25/2023 15:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/01/2023 16:58	214029
Acenaphthylene	NELAP	0.000050	0.000100		ND	mg/L	1	11/01/2023 16:58	214029
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	11/01/2023 16:58	214029
Benzo(a)anthracene	NELAP	0.000070	0.000100		ND	mg/L	1	11/01/2023 16:58	214029
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/01/2023 16:58	214029
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/01/2023 16:58	214029
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/01/2023 16:58	214029
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		ND	mg/L	1	11/01/2023 16:58	214029
Bis(2-ethylhexyl)phthalate	NELAP	0.00715	0.00725		0.00726	mg/L	5	11/02/2023 23:56	214029
Chrysene	NELAP	0.000050	0.000100		ND	mg/L	1	11/01/2023 16:58	214029
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/01/2023 16:58	214029
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/01/2023 16:58	214029
Fluoranthene	NELAP	0.000270	0.000300		ND	mg/L	1	11/01/2023 16:58	214029
Fluorene	NELAP	0.000080	0.000200	B	ND	mg/L	1	11/01/2023 16:58	214029
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/01/2023 16:58	214029
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/01/2023 16:58	214029
Naphthalene	NELAP	0.000340	0.000400		ND	mg/L	1	11/01/2023 16:58	214029
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/01/2023 16:58	214029
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/01/2023 16:58	214029
Pyrene	NELAP	0.000180	0.000200		ND	mg/L	1	11/01/2023 16:58	214029
Surr: 2,4,6-Tribromophenol	*	0	10-179		123.3	%REC	1	11/01/2023 16:58	214029
Surr: 2-Fluorobiphenyl	*	0	21.4-142		79.7	%REC	1	11/01/2023 16:58	214029
Surr: 2-Fluorophenol	*	0	10-157		87.2	%REC	1	11/01/2023 16:58	214029
Surr: Nitrobenzene-d5	*	0	15-163		85.6	%REC	1	11/01/2023 16:58	214029
Surr: Phenol-d5	*	0	10-162		75.1	%REC	1	11/01/2023 16:58	214029
Surr: p-Terphenyl-d14	*	0	10-173		109.1	%REC	1	11/01/2023 16:58	214029
Contamination present in the MBLK for Fluorene. Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		0.64	µg/L	1	10/28/2023 8:13	213960
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/28/2023 8:13	213960
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/28/2023 8:13	213960
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/28/2023 8:13	213960
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/28/2023 8:13	213960
Naphthalene	NELAP	0.57	2.00		ND	µg/L	1	10/28/2023 8:13	213960
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/28/2023 8:13	213960
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 8:13	213960
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 8:13	213960
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/28/2023 8:13	213960
Surr: 1,2-Dichloroethane-d4	*	0	80-120		97.1	%REC	1	10/28/2023 8:13	213960
Surr: 4-Bromofluorobenzene	*	0	80-120		93.5	%REC	1	10/28/2023 8:13	213960
Surr: Dibromofluoromethane	*	0	80-120		105.3	%REC	1	10/28/2023 8:13	213960
Surr: Toluene-d8	*	0	80-120		96.1	%REC	1	10/28/2023 8:13	213960

Client: ERM
 Client Project: Ameren Taylorville 4th Qtr 2023
 Lab ID: 23102244-008
 Matrix: GROUNDWATER

Work Order: 23102244
 Report Date: 10-Nov-23

Client Sample ID: GW-17-WG-20231025

Collection Date: 10/25/2023 16:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/01/2023 17:38	214029
Acenaphthylene	NELAP	0.000050	0.000100		ND	mg/L	1	11/01/2023 17:38	214029
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	11/01/2023 17:38	214029
Benzo(a)anthracene	NELAP	0.000070	0.000100		ND	mg/L	1	11/01/2023 17:38	214029
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/01/2023 17:38	214029
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/01/2023 17:38	214029
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/01/2023 17:38	214029
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		ND	mg/L	1	11/01/2023 17:38	214029
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	11/01/2023 17:38	214029
Chrysene	NELAP	0.000050	0.000100		ND	mg/L	1	11/01/2023 17:38	214029
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/01/2023 17:38	214029
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/01/2023 17:38	214029
Fluoranthene	NELAP	0.000270	0.000300		ND	mg/L	1	11/01/2023 17:38	214029
Fluorene	NELAP	0.000080	0.000200	B	ND	mg/L	1	11/01/2023 17:38	214029
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/01/2023 17:38	214029
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/01/2023 17:38	214029
Naphthalene	NELAP	0.000340	0.000400		ND	mg/L	1	11/01/2023 17:38	214029
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/01/2023 17:38	214029
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/01/2023 17:38	214029
Pyrene	NELAP	0.000180	0.000200		ND	mg/L	1	11/01/2023 17:38	214029
Surr: 2,4,6-Tribromophenol	*	0	10-179		137.5	%REC	1	11/01/2023 17:38	214029
Surr: 2-Fluorobiphenyl	*	0	21.4-142		76.5	%REC	1	11/01/2023 17:38	214029
Surr: 2-Fluorophenol	*	0	10-157		89.5	%REC	1	11/01/2023 17:38	214029
Surr: Nitrobenzene-d5	*	0	15-163		80.4	%REC	1	11/01/2023 17:38	214029
Surr: Phenol-d5	*	0	10-162		75.0	%REC	1	11/01/2023 17:38	214029
Surr: p-Terphenyl-d14	*	0	10-173		99.6	%REC	1	11/01/2023 17:38	214029

Contamination present in the MBLK for Fluorene. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	10/28/2023 8:38	213960
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/28/2023 8:38	213960
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/28/2023 8:38	213960
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/28/2023 8:38	213960
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/28/2023 8:38	213960
Naphthalene	NELAP	0.57	2.00		ND	µg/L	1	10/28/2023 8:38	213960
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/28/2023 8:38	213960
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 8:38	213960
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 8:38	213960
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/28/2023 8:38	213960
Surr: 1,2-Dichloroethane-d4	*	0	80-120		97.3	%REC	1	10/28/2023 8:38	213960
Surr: 4-Bromofluorobenzene	*	0	80-120		92.1	%REC	1	10/28/2023 8:38	213960
Surr: Dibromofluoromethane	*	0	80-120		105.2	%REC	1	10/28/2023 8:38	213960
Surr: Toluene-d8	*	0	80-120		95.1	%REC	1	10/28/2023 8:38	213960

Client: ERM
 Client Project: Ameren Taylorville 4th Qtr 2023
 Lab ID: 23102244-009
 Matrix: GROUNDWATER

Work Order: 23102244
 Report Date: 10-Nov-23

Client Sample ID: GW-18S-WG-20231026

Collection Date: 10/26/2023 12:35

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 16:09	214029
Acenaphthylene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 16:09	214029
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	11/02/2023 16:09	214029
Benzo(a)anthracene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 16:09	214029
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/02/2023 16:09	214029
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 16:09	214029
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 16:09	214029
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 16:09	214029
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	11/02/2023 16:09	214029
Chrysene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 16:09	214029
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 16:09	214029
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/02/2023 16:09	214029
Fluoranthene	NELAP	0.000270	0.000300		ND	mg/L	1	11/02/2023 16:09	214029
Fluorene	NELAP	0.000080	0.000200	B	ND	mg/L	1	11/02/2023 16:09	214029
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/02/2023 16:09	214029
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/02/2023 16:09	214029
Naphthalene	NELAP	0.000340	0.000400		ND	mg/L	1	11/02/2023 16:09	214029
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/02/2023 16:09	214029
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/02/2023 16:09	214029
Pyrene	NELAP	0.000180	0.000200		ND	mg/L	1	11/02/2023 16:09	214029
Surr: 2,4,6-Tribromophenol	*	0	10-179		92.5	%REC	1	11/02/2023 16:09	214029
Surr: 2-Fluorobiphenyl	*	0	21.4-142		67.0	%REC	1	11/02/2023 16:09	214029
Surr: 2-Fluorophenol	*	0	10-157		76.0	%REC	1	11/02/2023 16:09	214029
Surr: Nitrobenzene-d5	*	0	15-163		75.5	%REC	1	11/02/2023 16:09	214029
Surr: Phenol-d5	*	0	10-162		59.9	%REC	1	11/02/2023 16:09	214029
Surr: p-Terphenyl-d14	*	0	10-173		88.0	%REC	1	11/02/2023 16:09	214029
Contamination present in the MBLK for Fluorene. Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	10/28/2023 6:20	213939
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/28/2023 6:20	213939
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/28/2023 6:20	213939
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/28/2023 6:20	213939
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/28/2023 6:20	213939
Naphthalene	NELAP	0.57	2.00		ND	µg/L	1	10/28/2023 6:20	213939
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/28/2023 6:20	213939
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 6:20	213939
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 6:20	213939
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/28/2023 6:20	213939
Surr: 1,2-Dichloroethane-d4	*	0	80-120		109.2	%REC	1	10/28/2023 6:20	213939
Surr: 4-Bromofluorobenzene	*	0	80-120		108.1	%REC	1	10/28/2023 6:20	213939
Surr: Dibromofluoromethane	*	0	80-120		100.5	%REC	1	10/28/2023 6:20	213939
Surr: Toluene-d8	*	0	80-120		102.4	%REC	1	10/28/2023 6:20	213939

Client: ERM
 Client Project: Ameren Taylorville 4th Qtr 2023
 Lab ID: 23102244-010
 Matrix: GROUNDWATER

Work Order: 23102244
 Report Date: 10-Nov-23

Client Sample ID: GW-18D-WG-20231026
 Collection Date: 10/26/2023 12:05

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 16:49	214029
Acenaphthylene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 16:49	214029
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	11/02/2023 16:49	214029
Benzo(a)anthracene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 16:49	214029
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/02/2023 16:49	214029
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 16:49	214029
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 16:49	214029
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 16:49	214029
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	11/02/2023 16:49	214029
Chrysene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 16:49	214029
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 16:49	214029
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/02/2023 16:49	214029
Fluoranthene	NELAP	0.000270	0.000300		ND	mg/L	1	11/02/2023 16:49	214029
Fluorene	NELAP	0.000080	0.000200	B	ND	mg/L	1	11/02/2023 16:49	214029
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/02/2023 16:49	214029
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/02/2023 16:49	214029
Naphthalene	NELAP	0.000340	0.000400		ND	mg/L	1	11/02/2023 16:49	214029
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/02/2023 16:49	214029
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/02/2023 16:49	214029
Pyrene	NELAP	0.000180	0.000200		ND	mg/L	1	11/02/2023 16:49	214029
Surr: 2,4,6-Tribromophenol	*	0	10-179		91.8	%REC	1	11/02/2023 16:49	214029
Surr: 2-Fluorobiphenyl	*	0	21.4-142		74.8	%REC	1	11/02/2023 16:49	214029
Surr: 2-Fluorophenol	*	0	10-157		78.8	%REC	1	11/02/2023 16:49	214029
Surr: Nitrobenzene-d5	*	0	15-163		78.6	%REC	1	11/02/2023 16:49	214029
Surr: Phenol-d5	*	0	10-162		66.1	%REC	1	11/02/2023 16:49	214029
Surr: p-Terphenyl-d14	*	0	10-173		78.9	%REC	1	11/02/2023 16:49	214029
Contamination present in the MBLK for Fluorene. Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	10/28/2023 6:45	213939
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/28/2023 6:45	213939
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/28/2023 6:45	213939
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/28/2023 6:45	213939
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/28/2023 6:45	213939
Naphthalene	NELAP	0.57	2.00		ND	µg/L	1	10/28/2023 6:45	213939
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/28/2023 6:45	213939
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 6:45	213939
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 6:45	213939
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/28/2023 6:45	213939
Surr: 1,2-Dichloroethane-d4	*	0	80-120		108.2	%REC	1	10/28/2023 6:45	213939
Surr: 4-Bromofluorobenzene	*	0	80-120		105.7	%REC	1	10/28/2023 6:45	213939
Surr: Dibromofluoromethane	*	0	80-120		101.0	%REC	1	10/28/2023 6:45	213939
Surr: Toluene-d8	*	0	80-120		100.5	%REC	1	10/28/2023 6:45	213939

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

Lab ID: 23102244-011

Client Sample ID: GW-19S-WG-20231026

Matrix: GROUNDWATER

Collection Date: 10/26/2023 10:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 17:28	214029
Acenaphthylene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 17:28	214029
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	11/02/2023 17:28	214029
Benzo(a)anthracene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 17:28	214029
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/02/2023 17:28	214029
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 17:28	214029
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 17:28	214029
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 17:28	214029
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	11/02/2023 17:28	214029
Chrysene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 17:28	214029
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 17:28	214029
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/02/2023 17:28	214029
Fluoranthene	NELAP	0.000270	0.000300		ND	mg/L	1	11/02/2023 17:28	214029
Fluorene	NELAP	0.000080	0.000200	B	ND	mg/L	1	11/02/2023 17:28	214029
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/02/2023 17:28	214029
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/02/2023 17:28	214029
Naphthalene	NELAP	0.000340	0.000400		ND	mg/L	1	11/02/2023 17:28	214029
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/02/2023 17:28	214029
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/02/2023 17:28	214029
Pyrene	NELAP	0.000180	0.000200		ND	mg/L	1	11/02/2023 17:28	214029
Surr: 2,4,6-Tribromophenol	*	0	10-179		88.6	%REC	1	11/02/2023 17:28	214029
Surr: 2-Fluorobiphenyl	*	0	21.4-142		71.0	%REC	1	11/02/2023 17:28	214029
Surr: 2-Fluorophenol	*	0	10-157		68.3	%REC	1	11/02/2023 17:28	214029
Surr: Nitrobenzene-d5	*	0	15-163		73.6	%REC	1	11/02/2023 17:28	214029
Surr: Phenol-d5	*	0	10-162		58.3	%REC	1	11/02/2023 17:28	214029
Surr: p-Terphenyl-d14	*	0	10-173		69.3	%REC	1	11/02/2023 17:28	214029
Contamination present in the MBLK for Fluorene. Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	10/28/2023 7:11	213939
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/28/2023 7:11	213939
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/28/2023 7:11	213939
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/28/2023 7:11	213939
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/28/2023 7:11	213939
Naphthalene	NELAP	0.57	2.00		ND	µg/L	1	10/28/2023 7:11	213939
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/28/2023 7:11	213939
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 7:11	213939
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 7:11	213939
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/28/2023 7:11	213939
Surr: 1,2-Dichloroethane-d4	*	0	80-120		111.5	%REC	1	10/28/2023 7:11	213939
Surr: 4-Bromofluorobenzene	*	0	80-120		106.2	%REC	1	10/28/2023 7:11	213939
Surr: Dibromofluoromethane	*	0	80-120		101.1	%REC	1	10/28/2023 7:11	213939
Surr: Toluene-d8	*	0	80-120		102.4	%REC	1	10/28/2023 7:11	213939

Client: ERM
 Client Project: Ameren Taylorville 4th Qtr 2023
 Lab ID: 23102244-012
 Matrix: GROUNDWATER

Work Order: 23102244
 Report Date: 10-Nov-23

Client Sample ID: GW-19D-WG-20231026

Collection Date: 10/26/2023 9:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 18:08	214029
Acenaphthylene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 18:08	214029
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	11/02/2023 18:08	214029
Benzo(a)anthracene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 18:08	214029
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/02/2023 18:08	214029
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 18:08	214029
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 18:08	214029
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 18:08	214029
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	11/02/2023 18:08	214029
Chrysene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 18:08	214029
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 18:08	214029
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/02/2023 18:08	214029
Fluoranthene	NELAP	0.000270	0.000300		ND	mg/L	1	11/02/2023 18:08	214029
Fluorene	NELAP	0.000080	0.000200	B	ND	mg/L	1	11/02/2023 18:08	214029
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/02/2023 18:08	214029
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/02/2023 18:08	214029
Naphthalene	NELAP	0.000340	0.000400		ND	mg/L	1	11/02/2023 18:08	214029
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/02/2023 18:08	214029
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/02/2023 18:08	214029
Pyrene	NELAP	0.000180	0.000200		ND	mg/L	1	11/02/2023 18:08	214029
Surr: 2,4,6-Tribromophenol	*	0	10-179		101.8	%REC	1	11/02/2023 18:08	214029
Surr: 2-Fluorobiphenyl	*	0	21.4-142		78.9	%REC	1	11/02/2023 18:08	214029
Surr: 2-Fluorophenol	*	0	10-157		78.1	%REC	1	11/02/2023 18:08	214029
Surr: Nitrobenzene-d5	*	0	15-163		82.7	%REC	1	11/02/2023 18:08	214029
Surr: Phenol-d5	*	0	10-162		59.5	%REC	1	11/02/2023 18:08	214029
Surr: p-Terphenyl-d14	*	0	10-173		89.2	%REC	1	11/02/2023 18:08	214029
Contamination present in the MBLK for Fluorene. Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	11/01/2023 15:28	214133
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	11/01/2023 15:28	214133
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	11/01/2023 15:28	214133
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	11/01/2023 15:28	214133
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	11/01/2023 15:28	214133
Naphthalene	NELAP	0.57	2.00		ND	µg/L	1	11/01/2023 15:28	214133
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	11/01/2023 15:28	214133
Toluene	NELAP	0.10	2.00		ND	µg/L	1	11/01/2023 15:28	214133
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	11/01/2023 15:28	214133
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	11/01/2023 15:28	214133
Surr: 1,2-Dichloroethane-d4	*	0	80-120		92.9	%REC	1	11/01/2023 15:28	214133
Surr: 4-Bromofluorobenzene	*	0	80-120		89.9	%REC	1	11/01/2023 15:28	214133
Surr: Dibromofluoromethane	*	0	80-120		104.3	%REC	1	11/01/2023 15:28	214133
Surr: Toluene-d8	*	0	80-120		93.5	%REC	1	11/01/2023 15:28	214133

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

Lab ID: 23102244-013

Client Sample ID: GW-20-WG-20231026

Matrix: GROUNDWATER

Collection Date: 10/26/2023 7:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 19:30	214029
Acenaphthylene	NELAP	0.000050	0.000100		0.000198	mg/L	1	11/02/2023 19:30	214029
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	11/02/2023 19:30	214029
Benzo(a)anthracene	NELAP	0.000070	0.000100		0.000314	mg/L	1	11/02/2023 19:30	214029
Benzo(a)pyrene	NELAP	0.000110	0.000200		0.00111	mg/L	1	11/02/2023 19:30	214029
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		0.000961	mg/L	1	11/02/2023 19:30	214029
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		0.00112	mg/L	1	11/02/2023 19:30	214029
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		0.000288	mg/L	1	11/02/2023 19:30	214029
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	11/02/2023 19:30	214029
Chrysene	NELAP	0.000050	0.000100		0.000468	mg/L	1	11/02/2023 19:30	214029
Dibenzo(a,h)anthracene	NELAP	0.00012	0.00020	J	0.00016	mg/L	1	11/02/2023 19:30	214029
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/02/2023 19:30	214029
Fluoranthene	NELAP	0.000270	0.000300		0.000333	mg/L	1	11/02/2023 19:30	214029
Fluorene	NELAP	0.000080	0.000200	B	ND	mg/L	1	11/02/2023 19:30	214029
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		0.000712	mg/L	1	11/02/2023 19:30	214029
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/02/2023 19:30	214029
Naphthalene	NELAP	0.000340	0.000400		ND	mg/L	1	11/02/2023 19:30	214029
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/02/2023 19:30	214029
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/02/2023 19:30	214029
Pyrene	NELAP	0.000180	0.000200		0.000534	mg/L	1	11/02/2023 19:30	214029
Surr: 2,4,6-Tribromophenol	*	0	10-179		74.4	%REC	1	11/02/2023 19:30	214029
Surr: 2-Fluorobiphenyl	*	0	21.4-142		73.1	%REC	1	11/02/2023 19:30	214029
Surr: 2-Fluorophenol	*	0	10-157		70.9	%REC	1	11/02/2023 19:30	214029
Surr: Nitrobenzene-d5	*	0	15-163		78.6	%REC	1	11/02/2023 19:30	214029
Surr: Phenol-d5	*	0	10-162		61.3	%REC	1	11/02/2023 19:30	214029
Surr: p-Terphenyl-d14	*	0	10-173		95.1	%REC	1	11/02/2023 19:30	214029
Contamination present in the MBLK for Fluorene. Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	10/27/2023 23:15	213946
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/27/2023 23:15	213946
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/27/2023 23:15	213946
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/27/2023 23:15	213946
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/27/2023 23:15	213946
Naphthalene	NELAP	0.57	2.00		ND	µg/L	1	10/27/2023 23:15	213946
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/27/2023 23:15	213946
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/27/2023 23:15	213946
trans-1,2-Dichloroethene	NELAP	0.10	2.0	J	0.52	µg/L	1	10/27/2023 23:15	213946
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/27/2023 23:15	213946
Surr: 1,2-Dichloroethane-d4	*	0	80-120		99.6	%REC	1	10/27/2023 23:15	213946
Surr: 4-Bromofluorobenzene	*	0	80-120		100.2	%REC	1	10/27/2023 23:15	213946
Surr: Dibromofluoromethane	*	0	80-120		103.6	%REC	1	10/27/2023 23:15	213946
Surr: Toluene-d8	*	0	80-120		101.9	%REC	1	10/27/2023 23:15	213946

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

Lab ID: 23102244-014

Client Sample ID: GW-21-WG-20231027

Matrix: GROUNDWATER

Collection Date: 10/27/2023 11:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/03/2023 13:21	214142
Acenaphthylene	NELAP	0.000050	0.000100		ND	mg/L	1	11/03/2023 13:21	214142
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	11/03/2023 13:21	214142
Benzo(a)anthracene	NELAP	0.000070	0.000100		ND	mg/L	1	11/03/2023 13:21	214142
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/03/2023 13:21	214142
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		0.000143	mg/L	1	11/03/2023 13:21	214142
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/03/2023 13:21	214142
Benzo(k)fluoranthene	NELAP	0.000050	0.00010	J	0.000056	mg/L	1	11/03/2023 13:21	214142
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		0.00222	mg/L	1	11/03/2023 13:21	214142
Chrysene	NELAP	0.000050	0.00010	J	0.000089	mg/L	1	11/03/2023 13:21	214142
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/03/2023 13:21	214142
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/03/2023 13:21	214142
Fluoranthene	NELAP	0.000270	0.000300		ND	mg/L	1	11/03/2023 13:21	214142
Fluorene	NELAP	0.000080	0.000200		ND	mg/L	1	11/03/2023 13:21	214142
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/03/2023 13:21	214142
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/03/2023 13:21	214142
Naphthalene	NELAP	0.000340	0.000400		ND	mg/L	1	11/03/2023 13:21	214142
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/03/2023 13:21	214142
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/03/2023 13:21	214142
Pyrene	NELAP	0.000180	0.000200		ND	mg/L	1	11/03/2023 13:21	214142
Surr: 2,4,6-Tribromophenol	*	0	10-179		105.8	%REC	1	11/03/2023 13:21	214142
Surr: 2-Fluorobiphenyl	*	0	21.4-142		77.4	%REC	1	11/03/2023 13:21	214142
Surr: 2-Fluorophenol	*	0	10-157		87.9	%REC	1	11/03/2023 13:21	214142
Surr: Nitrobenzene-d5	*	0	15-163		89.0	%REC	1	11/03/2023 13:21	214142
Surr: Phenol-d5	*	0	10-162		74.9	%REC	1	11/03/2023 13:21	214142
Surr: p-Terphenyl-d14	*	0	10-173		90.7	%REC	1	11/03/2023 13:21	214142
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	10/27/2023 23:41	213946
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/27/2023 23:41	213946
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/27/2023 23:41	213946
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/27/2023 23:41	213946
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/27/2023 23:41	213946
Naphthalene	NELAP	0.57	2.00		ND	µg/L	1	10/27/2023 23:41	213946
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/27/2023 23:41	213946
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/27/2023 23:41	213946
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/27/2023 23:41	213946
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/27/2023 23:41	213946
Surr: 1,2-Dichloroethane-d4	*	0	80-120		99.4	%REC	1	10/27/2023 23:41	213946
Surr: 4-Bromofluorobenzene	*	0	80-120		100.4	%REC	1	10/27/2023 23:41	213946
Surr: Dibromofluoromethane	*	0	80-120		103.0	%REC	1	10/27/2023 23:41	213946
Surr: Toluene-d8	*	0	80-120		101.9	%REC	1	10/27/2023 23:41	213946

Client: ERM
 Client Project: Ameren Taylorville 4th Qtr 2023
 Lab ID: 23102244-015
 Matrix: GROUNDWATER

Work Order: 23102244
 Report Date: 10-Nov-23

Client Sample ID: GW-22S-WG-20231026

Collection Date: 10/26/2023 15:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 20:08	214029
Acenaphthylene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 20:08	214029
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	11/02/2023 20:08	214029
Benzo(a)anthracene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 20:08	214029
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/02/2023 20:08	214029
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 20:08	214029
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 20:08	214029
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 20:08	214029
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		0.00380	mg/L	1	11/02/2023 20:08	214029
Chrysene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 20:08	214029
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 20:08	214029
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/02/2023 20:08	214029
Fluoranthene	NELAP	0.000270	0.000300		ND	mg/L	1	11/02/2023 20:08	214029
Fluorene	NELAP	0.000080	0.000200	B	ND	mg/L	1	11/02/2023 20:08	214029
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/02/2023 20:08	214029
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/02/2023 20:08	214029
Naphthalene	NELAP	0.000340	0.000400		ND	mg/L	1	11/02/2023 20:08	214029
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/02/2023 20:08	214029
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/02/2023 20:08	214029
Pyrene	NELAP	0.000180	0.000200		ND	mg/L	1	11/02/2023 20:08	214029
Surr: 2,4,6-Tribromophenol	*	0	10-179		98.1	%REC	1	11/02/2023 20:08	214029
Surr: 2-Fluorobiphenyl	*	0	21.4-142		90.8	%REC	1	11/02/2023 20:08	214029
Surr: 2-Fluorophenol	*	0	10-157		86.1	%REC	1	11/02/2023 20:08	214029
Surr: Nitrobenzene-d5	*	0	15-163		94.5	%REC	1	11/02/2023 20:08	214029
Surr: Phenol-d5	*	0	10-162		76.7	%REC	1	11/02/2023 20:08	214029
Surr: p-Terphenyl-d14	*	0	10-173		121.1	%REC	1	11/02/2023 20:08	214029
Contamination present in the MBLK for Fluorene. Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	10/28/2023 0:06	213946
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/28/2023 0:06	213946
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/28/2023 0:06	213946
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/28/2023 0:06	213946
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/28/2023 0:06	213946
Naphthalene	NELAP	0.57	2.00		ND	µg/L	1	10/28/2023 0:06	213946
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/28/2023 0:06	213946
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 0:06	213946
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 0:06	213946
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/28/2023 0:06	213946
Surr: 1,2-Dichloroethane-d4	*	0	80-120		100.0	%REC	1	10/28/2023 0:06	213946
Surr: 4-Bromofluorobenzene	*	0	80-120		99.8	%REC	1	10/28/2023 0:06	213946
Surr: Dibromofluoromethane	*	0	80-120		102.6	%REC	1	10/28/2023 0:06	213946
Surr: Toluene-d8	*	0	80-120		102.1	%REC	1	10/28/2023 0:06	213946

Client: ERM
 Client Project: Ameren Taylorville 4th Qtr 2023
 Lab ID: 23102244-016
 Matrix: GROUNDWATER

Work Order: 23102244
 Report Date: 10-Nov-23

Client Sample ID: GW-22D-WG-20231026

Collection Date: 10/26/2023 15:05

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 20:46	214029
Acenaphthylene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 20:46	214029
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	11/02/2023 20:46	214029
Benzo(a)anthracene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 20:46	214029
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/02/2023 20:46	214029
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 20:46	214029
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 20:46	214029
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 20:46	214029
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	11/02/2023 20:46	214029
Chrysene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 20:46	214029
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 20:46	214029
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/02/2023 20:46	214029
Fluoranthene	NELAP	0.000270	0.000300		ND	mg/L	1	11/02/2023 20:46	214029
Fluorene	NELAP	0.000080	0.000200	B	ND	mg/L	1	11/02/2023 20:46	214029
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/02/2023 20:46	214029
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/02/2023 20:46	214029
Naphthalene	NELAP	0.000340	0.000400		ND	mg/L	1	11/02/2023 20:46	214029
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/02/2023 20:46	214029
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/02/2023 20:46	214029
Pyrene	NELAP	0.000180	0.000200		ND	mg/L	1	11/02/2023 20:46	214029
Surr: 2,4,6-Tribromophenol	*	0	10-179		82.9	%REC	1	11/02/2023 20:46	214029
Surr: 2-Fluorobiphenyl	*	0	21.4-142		83.8	%REC	1	11/02/2023 20:46	214029
Surr: 2-Fluorophenol	*	0	10-157		75.3	%REC	1	11/02/2023 20:46	214029
Surr: Nitrobenzene-d5	*	0	15-163		86.1	%REC	1	11/02/2023 20:46	214029
Surr: Phenol-d5	*	0	10-162		66.1	%REC	1	11/02/2023 20:46	214029
Surr: p-Terphenyl-d14	*	0	10-173		111.3	%REC	1	11/02/2023 20:46	214029
Contamination present in the MBLK for Fluorene. Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	10/28/2023 0:32	213946
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/28/2023 0:32	213946
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/28/2023 0:32	213946
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/28/2023 0:32	213946
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/28/2023 0:32	213946
Naphthalene	NELAP	0.57	2.00		ND	µg/L	1	10/28/2023 0:32	213946
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/28/2023 0:32	213946
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 0:32	213946
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 0:32	213946
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/28/2023 0:32	213946
Surr: 1,2-Dichloroethane-d4	*	0	80-120		100.2	%REC	1	10/28/2023 0:32	213946
Surr: 4-Bromofluorobenzene	*	0	80-120		99.7	%REC	1	10/28/2023 0:32	213946
Surr: Dibromofluoromethane	*	0	80-120		103.4	%REC	1	10/28/2023 0:32	213946
Surr: Toluene-d8	*	0	80-120		102.6	%REC	1	10/28/2023 0:32	213946

Client: ERM
 Client Project: Ameren Taylorville 4th Qtr 2023
 Lab ID: 23102244-017
 Matrix: GROUNDWATER

Work Order: 23102244
 Report Date: 10-Nov-23

Client Sample ID: DUP-001-WG-20231026

Collection Date: 10/26/2023 0:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 21:24	214029
Acenaphthylene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 21:24	214029
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	11/02/2023 21:24	214029
Benzo(a)anthracene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 21:24	214029
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/02/2023 21:24	214029
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 21:24	214029
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 21:24	214029
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 21:24	214029
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	11/02/2023 21:24	214029
Chrysene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 21:24	214029
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 21:24	214029
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/02/2023 21:24	214029
Fluoranthene	NELAP	0.000270	0.000300		ND	mg/L	1	11/02/2023 21:24	214029
Fluorene	NELAP	0.000080	0.000200	B	ND	mg/L	1	11/02/2023 21:24	214029
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/02/2023 21:24	214029
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/02/2023 21:24	214029
Naphthalene	NELAP	0.000340	0.000400		ND	mg/L	1	11/02/2023 21:24	214029
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/02/2023 21:24	214029
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/02/2023 21:24	214029
Pyrene	NELAP	0.000180	0.000200		ND	mg/L	1	11/02/2023 21:24	214029
Surr: 2,4,6-Tribromophenol	*	0	10-179		88.6	%REC	1	11/02/2023 21:24	214029
Surr: 2-Fluorobiphenyl	*	0	21.4-142		87.3	%REC	1	11/02/2023 21:24	214029
Surr: 2-Fluorophenol	*	0	10-157		83.0	%REC	1	11/02/2023 21:24	214029
Surr: Nitrobenzene-d5	*	0	15-163		90.7	%REC	1	11/02/2023 21:24	214029
Surr: Phenol-d5	*	0	10-162		75.3	%REC	1	11/02/2023 21:24	214029
Surr: p-Terphenyl-d14	*	0	10-173		116.0	%REC	1	11/02/2023 21:24	214029
Contamination present in the MBLK for Fluorene. Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	10/28/2023 0:57	213946
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/28/2023 0:57	213946
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/28/2023 0:57	213946
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/28/2023 0:57	213946
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/28/2023 0:57	213946
Naphthalene	NELAP	0.57	2.00		ND	µg/L	1	10/28/2023 0:57	213946
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/28/2023 0:57	213946
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 0:57	213946
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 0:57	213946
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/28/2023 0:57	213946
Surr: 1,2-Dichloroethane-d4	*	0	80-120		99.3	%REC	1	10/28/2023 0:57	213946
Surr: 4-Bromofluorobenzene	*	0	80-120		99.3	%REC	1	10/28/2023 0:57	213946
Surr: Dibromofluoromethane	*	0	80-120		102.7	%REC	1	10/28/2023 0:57	213946
Surr: Toluene-d8	*	0	80-120		102.6	%REC	1	10/28/2023 0:57	213946

Client: ERM
 Client Project: Ameren Taylorville 4th Qtr 2023
 Lab ID: 23102244-018
 Matrix: GROUNDWATER

Work Order: 23102244
 Report Date: 10-Nov-23
 Client Sample ID: FB-001-WQ-20231026
 Collection Date: 10/26/2023 7:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 22:02	214029
Acenaphthylene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 22:02	214029
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	11/02/2023 22:02	214029
Benzo(a)anthracene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 22:02	214029
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/02/2023 22:02	214029
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 22:02	214029
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 22:02	214029
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 22:02	214029
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	11/02/2023 22:02	214029
Chrysene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 22:02	214029
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 22:02	214029
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/02/2023 22:02	214029
Fluoranthene	NELAP	0.000270	0.000300		ND	mg/L	1	11/02/2023 22:02	214029
Fluorene	NELAP	0.000080	0.000200	B	ND	mg/L	1	11/02/2023 22:02	214029
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/02/2023 22:02	214029
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/02/2023 22:02	214029
Naphthalene	NELAP	0.000340	0.000400		ND	mg/L	1	11/02/2023 22:02	214029
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/02/2023 22:02	214029
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/02/2023 22:02	214029
Pyrene	NELAP	0.000180	0.000200		ND	mg/L	1	11/02/2023 22:02	214029
Surr: 2,4,6-Tribromophenol	*	0	10-179		84.5	%REC	1	11/02/2023 22:02	214029
Surr: 2-Fluorobiphenyl	*	0	21.4-142		84.3	%REC	1	11/02/2023 22:02	214029
Surr: 2-Fluorophenol	*	0	10-157		74.8	%REC	1	11/02/2023 22:02	214029
Surr: Nitrobenzene-d5	*	0	15-163		87.0	%REC	1	11/02/2023 22:02	214029
Surr: Phenol-d5	*	0	10-162		64.6	%REC	1	11/02/2023 22:02	214029
Surr: p-Terphenyl-d14	*	0	10-173		112.5	%REC	1	11/02/2023 22:02	214029
Contamination present in the MBLK for Fluorene. Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	10/27/2023 21:07	213946
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/27/2023 21:07	213946
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/27/2023 21:07	213946
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/27/2023 21:07	213946
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/27/2023 21:07	213946
Naphthalene	NELAP	0.57	2.00		ND	µg/L	1	10/27/2023 21:07	213946
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/27/2023 21:07	213946
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/27/2023 21:07	213946
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/27/2023 21:07	213946
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/27/2023 21:07	213946
Surr: 1,2-Dichloroethane-d4	*	0	80-120		100.2	%REC	1	10/27/2023 21:07	213946
Surr: 4-Bromofluorobenzene	*	0	80-120		100.4	%REC	1	10/27/2023 21:07	213946
Surr: Dibromofluoromethane	*	0	80-120		103.5	%REC	1	10/27/2023 21:07	213946
Surr: Toluene-d8	*	0	80-120		103.1	%REC	1	10/27/2023 21:07	213946

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

Lab ID: 23102244-019

Client Sample ID: TB-001-WQ-20231025

Matrix: TRIP BLANK

Collection Date: 10/25/2023 8:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	10/27/2023 21:32	213946
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/27/2023 21:32	213946
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/27/2023 21:32	213946
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/27/2023 21:32	213946
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/27/2023 21:32	213946
Naphthalene	NELAP	0.57	2.00		ND	µg/L	1	10/27/2023 21:32	213946
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/27/2023 21:32	213946
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/27/2023 21:32	213946
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/27/2023 21:32	213946
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/27/2023 21:32	213946
Surr: 1,2-Dichloroethane-d4	*	0	80-120		100.1	%REC	1	10/27/2023 21:32	213946
Surr: 4-Bromofluorobenzene	*	0	80-120		100.1	%REC	1	10/27/2023 21:32	213946
Surr: Dibromofluoromethane	*	0	80-120		102.2	%REC	1	10/27/2023 21:32	213946
Surr: Toluene-d8	*	0	80-120		103.6	%REC	1	10/27/2023 21:32	213946

Client: ERM
 Client Project: Ameren Taylorville 4th Qtr 2023
 Lab ID: 23102244-020
 Matrix: GROUNDWATER

Work Order: 23102244
 Report Date: 10-Nov-23
 Client Sample ID: FB-002-WQ-20231027
 Collection Date: 10/27/2023 10:25

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/03/2023 13:59	214142
Acenaphthylene	NELAP	0.000050	0.000100		ND	mg/L	1	11/03/2023 13:59	214142
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	11/03/2023 13:59	214142
Benzo(a)anthracene	NELAP	0.000070	0.000100		ND	mg/L	1	11/03/2023 13:59	214142
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/03/2023 13:59	214142
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/03/2023 13:59	214142
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/03/2023 13:59	214142
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		ND	mg/L	1	11/03/2023 13:59	214142
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	11/03/2023 13:59	214142
Chrysene	NELAP	0.000050	0.000100		ND	mg/L	1	11/03/2023 13:59	214142
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/03/2023 13:59	214142
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/03/2023 13:59	214142
Fluoranthene	NELAP	0.000270	0.000300		ND	mg/L	1	11/03/2023 13:59	214142
Fluorene	NELAP	0.000080	0.000200		ND	mg/L	1	11/03/2023 13:59	214142
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/03/2023 13:59	214142
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/03/2023 13:59	214142
Naphthalene	NELAP	0.000340	0.000400		ND	mg/L	1	11/03/2023 13:59	214142
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/03/2023 13:59	214142
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/03/2023 13:59	214142
Pyrene	NELAP	0.000180	0.000200		ND	mg/L	1	11/03/2023 13:59	214142
Surr: 2,4,6-Tribromophenol	*	0	10-179		109.2	%REC	1	11/03/2023 13:59	214142
Surr: 2-Fluorobiphenyl	*	0	21.4-142		73.7	%REC	1	11/03/2023 13:59	214142
Surr: 2-Fluorophenol	*	0	10-157		73.5	%REC	1	11/03/2023 13:59	214142
Surr: Nitrobenzene-d5	*	0	15-163		72.8	%REC	1	11/03/2023 13:59	214142
Surr: Phenol-d5	*	0	10-162		60.7	%REC	1	11/03/2023 13:59	214142
Surr: p-Terphenyl-d14	*	0	10-173		83.7	%REC	1	11/03/2023 13:59	214142
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	10/28/2023 1:22	213946
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/28/2023 1:22	213946
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/28/2023 1:22	213946
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/28/2023 1:22	213946
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/28/2023 1:22	213946
Naphthalene	NELAP	0.57	2.00		ND	µg/L	1	10/28/2023 1:22	213946
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/28/2023 1:22	213946
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 1:22	213946
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 1:22	213946
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/28/2023 1:22	213946
Surr: 1,2-Dichloroethane-d4	*	0	80-120		99.2	%REC	1	10/28/2023 1:22	213946
Surr: 4-Bromofluorobenzene	*	0	80-120		99.2	%REC	1	10/28/2023 1:22	213946
Surr: Dibromofluoromethane	*	0	80-120		102.3	%REC	1	10/28/2023 1:22	213946
Surr: Toluene-d8	*	0	80-120		103.2	%REC	1	10/28/2023 1:22	213946

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

Lab ID: 23102244-021

Client Sample ID: DUP-002-WG-20231027

Matrix: GROUNDWATER

Collection Date: 10/27/2023 0:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.00350	0.00500		0.0373	mg/L	50	11/06/2023 9:52	214142
Acenaphthylene	NELAP	0.000050	0.000100		0.00183	mg/L	1	11/03/2023 14:38	214142
Anthracene	NELAP	0.000200	0.000300		0.00135	mg/L	1	11/03/2023 14:38	214142
Benzo(a)anthracene	NELAP	0.000070	0.000100		0.000620	mg/L	1	11/03/2023 14:38	214142
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/03/2023 14:38	214142
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		0.000591	mg/L	1	11/03/2023 14:38	214142
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/03/2023 14:38	214142
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		0.000139	mg/L	1	11/03/2023 14:38	214142
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	11/03/2023 14:38	214142
Chrysene	NELAP	0.000050	0.000100		0.00233	mg/L	1	11/03/2023 14:38	214142
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/03/2023 14:38	214142
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/03/2023 14:38	214142
Fluoranthene	NELAP	0.0135	0.0150		ND	mg/L	50	11/06/2023 9:52	214142
Fluorene	NELAP	0.00400	0.0100		0.0802	mg/L	50	11/06/2023 9:52	214142
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/03/2023 14:38	214142
m,p-Cresol	NELAP	0.00059	0.010	J	0.0010	mg/L	1	11/03/2023 14:38	214142
Naphthalene	NELAP	0.0340	0.0400		0.414	mg/L	100	11/06/2023 13:40	214142
o-Cresol	NELAP	0.00054	0.010	J	0.0010	mg/L	1	11/03/2023 14:38	214142
Phenanthrene	NELAP	0.0265	0.0300		0.0915	mg/L	50	11/06/2023 9:52	214142
Pyrene	NELAP	0.000180	0.000200		0.00465	mg/L	1	11/03/2023 14:38	214142
Surr: 2,4,6-Tribromophenol	*	0	10-179		115.9	%REC	1	11/03/2023 14:38	214142
Surr: 2-Fluorobiphenyl	*	0	21.4-142		88.3	%REC	1	11/03/2023 14:38	214142
Surr: 2-Fluorophenol	*	0	10-157		91.1	%REC	1	11/03/2023 14:38	214142
Surr: Nitrobenzene-d5	*	0	15-163		98.7	%REC	1	11/03/2023 14:38	214142
Surr: Phenol-d5	*	0	10-162		85.7	%REC	1	11/03/2023 14:38	214142
Surr: p-Terphenyl-d14	*	0	10-173		91.6	%REC	1	11/03/2023 14:38	214142
<i>Elevated reporting limit due to high levels of target analytes.</i>									
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.50	5.00		392	µg/L	10	10/30/2023 11:04	213972
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/28/2023 1:48	213946
Ethylbenzene	NELAP	0.10	1.00		159	µg/L	1	10/28/2023 1:48	213946
m,p-Xylenes	NELAP	0.22	1.00		19.7	µg/L	1	10/28/2023 1:48	213946
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/28/2023 1:48	213946
Naphthalene	NELAP	5.70	20.0		531	µg/L	10	10/30/2023 11:04	213972
o-Xylene	NELAP	0.05	1.00		80.8	µg/L	1	10/28/2023 1:48	213946
Toluene	NELAP	0.10	2.00		34.8	µg/L	1	10/28/2023 1:48	213946
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 1:48	213946
Xylenes, Total	NELAP	0.28	2.00		101	µg/L	1	10/28/2023 1:48	213946
Surr: 1,2-Dichloroethane-d4	*	0	80-120		101.3	%REC	1	10/28/2023 1:48	213946
Surr: 4-Bromofluorobenzene	*	0	80-120		99.5	%REC	1	10/28/2023 1:48	213946
Surr: Dibromofluoromethane	*	0	80-120		104.2	%REC	1	10/28/2023 1:48	213946
Surr: Toluene-d8	*	0	80-120		102.6	%REC	1	10/28/2023 1:48	213946

Client: ERM
 Client Project: Ameren Taylorville 4th Qtr 2023
 Lab ID: 23102244-022
 Matrix: GROUNDWATER

Work Order: 23102244
 Report Date: 10-Nov-23
 Client Sample ID: GW-25-WG-20231026
 Collection Date: 10/26/2023 13:35

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 22:40	214029
Acenaphthylene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 22:40	214029
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	11/02/2023 22:40	214029
Benzo(a)anthracene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 22:40	214029
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/02/2023 22:40	214029
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 22:40	214029
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 22:40	214029
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 22:40	214029
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	11/02/2023 22:40	214029
Chrysene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 22:40	214029
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 22:40	214029
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/02/2023 22:40	214029
Fluoranthene	NELAP	0.000270	0.000300		ND	mg/L	1	11/02/2023 22:40	214029
Fluorene	NELAP	0.000080	0.000200	B	ND	mg/L	1	11/02/2023 22:40	214029
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/02/2023 22:40	214029
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/02/2023 22:40	214029
Naphthalene	NELAP	0.000340	0.000400		ND	mg/L	1	11/02/2023 22:40	214029
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/02/2023 22:40	214029
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/02/2023 22:40	214029
Pyrene	NELAP	0.000180	0.000200		ND	mg/L	1	11/02/2023 22:40	214029
Surr: 2,4,6-Tribromophenol	*	0	10-179		76.7	%REC	1	11/02/2023 22:40	214029
Surr: 2-Fluorobiphenyl	*	0	21.4-142		85.7	%REC	1	11/02/2023 22:40	214029
Surr: 2-Fluorophenol	*	0	10-157		69.5	%REC	1	11/02/2023 22:40	214029
Surr: Nitrobenzene-d5	*	0	15-163		87.8	%REC	1	11/02/2023 22:40	214029
Surr: Phenol-d5	*	0	10-162		62.8	%REC	1	11/02/2023 22:40	214029
Surr: p-Terphenyl-d14	*	0	10-173		112.4	%REC	1	11/02/2023 22:40	214029
Contamination present in the MBLK for Fluorene. Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50	J	0.16	µg/L	1	10/28/2023 2:13	213946
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/28/2023 2:13	213946
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/28/2023 2:13	213946
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/28/2023 2:13	213946
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/28/2023 2:13	213946
Naphthalene	NELAP	0.57	2.00		3.77	µg/L	1	10/28/2023 2:13	213946
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/28/2023 2:13	213946
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 2:13	213946
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 2:13	213946
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/28/2023 2:13	213946
Surr: 1,2-Dichloroethane-d4	*	0	80-120		97.6	%REC	1	10/28/2023 2:13	213946
Surr: 4-Bromofluorobenzene	*	0	80-120		101.4	%REC	1	10/28/2023 2:13	213946
Surr: Dibromofluoromethane	*	0	80-120		102.9	%REC	1	10/28/2023 2:13	213946
Surr: Toluene-d8	*	0	80-120		102.7	%REC	1	10/28/2023 2:13	213946

Client: ERM
 Client Project: Ameren Taylorville 4th Qtr 2023
 Lab ID: 23102244-023
 Matrix: GROUNDWATER

Work Order: 23102244
 Report Date: 10-Nov-23

Client Sample ID: GW-26-WG-20231026

Collection Date: 10/26/2023 16:25

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 23:18	214029
Acenaphthylene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 23:18	214029
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	11/02/2023 23:18	214029
Benzo(a)anthracene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 23:18	214029
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/02/2023 23:18	214029
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 23:18	214029
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 23:18	214029
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 23:18	214029
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	11/02/2023 23:18	214029
Chrysene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 23:18	214029
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 23:18	214029
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/02/2023 23:18	214029
Fluoranthene	NELAP	0.000270	0.000300		ND	mg/L	1	11/02/2023 23:18	214029
Fluorene	NELAP	0.000080	0.000200	B	ND	mg/L	1	11/02/2023 23:18	214029
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/02/2023 23:18	214029
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/02/2023 23:18	214029
Naphthalene	NELAP	0.000340	0.000400		ND	mg/L	1	11/02/2023 23:18	214029
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/02/2023 23:18	214029
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/02/2023 23:18	214029
Pyrene	NELAP	0.000180	0.000200		ND	mg/L	1	11/02/2023 23:18	214029
Surr: 2,4,6-Tribromophenol	*	0	10-179		89.4	%REC	1	11/02/2023 23:18	214029
Surr: 2-Fluorobiphenyl	*	0	21.4-142		88.9	%REC	1	11/02/2023 23:18	214029
Surr: 2-Fluorophenol	*	0	10-157		87.9	%REC	1	11/02/2023 23:18	214029
Surr: Nitrobenzene-d5	*	0	15-163		92.0	%REC	1	11/02/2023 23:18	214029
Surr: Phenol-d5	*	0	10-162		73.8	%REC	1	11/02/2023 23:18	214029
Surr: p-Terphenyl-d14	*	0	10-173		115.6	%REC	1	11/02/2023 23:18	214029
Contamination present in the MBLK for Fluorene. Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	10/28/2023 2:39	213946
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/28/2023 2:39	213946
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/28/2023 2:39	213946
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/28/2023 2:39	213946
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/28/2023 2:39	213946
Naphthalene	NELAP	0.57	2.00		ND	µg/L	1	10/28/2023 2:39	213946
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/28/2023 2:39	213946
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 2:39	213946
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 2:39	213946
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/28/2023 2:39	213946
Surr: 1,2-Dichloroethane-d4	*	0	80-120		100.5	%REC	1	10/28/2023 2:39	213946
Surr: 4-Bromofluorobenzene	*	0	80-120		98.3	%REC	1	10/28/2023 2:39	213946
Surr: Dibromofluoromethane	*	0	80-120		103.5	%REC	1	10/28/2023 2:39	213946
Surr: Toluene-d8	*	0	80-120		102.2	%REC	1	10/28/2023 2:39	213946

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
23102244-001	GW-04R-WG-20231027	Groundwater	2	10/27/2023 10:45
23102244-002	GW-05-WG-20231025	Groundwater	2	10/25/2023 13:40
23102244-003	GW-07-WG-20231027	Groundwater	2	10/27/2023 8:25
23102244-004	GW-14-WG-20231026	Groundwater	2	10/26/2023 17:35
23102244-005	GW-15-WG-20231027	Groundwater	2	10/27/2023 10:00
23102244-006	GW-16S-WG-20231025	Groundwater	2	10/25/2023 16:10
23102244-007	GW-16D-WG-20231025	Groundwater	2	10/25/2023 15:45
23102244-008	GW-17-WG-20231025	Groundwater	2	10/25/2023 16:45
23102244-009	GW-18S-WG-20231026	Groundwater	2	10/26/2023 12:35
23102244-010	GW-18D-WG-20231026	Groundwater	2	10/26/2023 12:05
23102244-011	GW-19S-WG-20231026	Groundwater	2	10/26/2023 10:50
23102244-012	GW-19D-WG-20231026	Groundwater	2	10/26/2023 9:15
23102244-013	GW-20-WG-20231026	Groundwater	2	10/26/2023 7:50
23102244-014	GW-21-WG-20231027	Groundwater	2	10/27/2023 11:50
23102244-015	GW-22S-WG-20231026	Groundwater	2	10/26/2023 15:40
23102244-016	GW-22D-WG-20231026	Groundwater	2	10/26/2023 15:05
23102244-017	DUP-001-WG-20231026	Groundwater	2	10/26/2023 0:00
23102244-018	FB-001-WQ-20231026	Groundwater	2	10/26/2023 7:50
23102244-019	TB-001-WQ-20231025	Trip Blank	1	10/25/2023 8:00
23102244-020	FB-002-WQ-20231027	Groundwater	2	10/27/2023 10:25
23102244-021	DUP-002-WG-20231027	Groundwater	2	10/27/2023 0:00
23102244-022	GW-25-WG-20231026	Groundwater	2	10/26/2023 13:35
23102244-023	GW-26-WG-20231026	Groundwater	2	10/26/2023 16:25

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
Test Name					
23102244-001A	GW-04R-WG-20231027	10/27/2023 10:45	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/02/2023 13:03	11/03/2023 12:04
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/02/2023 13:03	11/03/2023 17:12
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/02/2023 13:03	11/03/2023 17:51
23102244-001B	GW-04R-WG-20231027	10/27/2023 10:45	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/28/2023 6:09
23102244-002A	GW-05-WG-20231025	10/25/2023 13:40	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			10/31/2023 18:25	11/01/2023 15:40
23102244-002B	GW-05-WG-20231025	10/25/2023 13:40	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/28/2023 6:34
23102244-003A	GW-07-WG-20231027	10/27/2023 8:25	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/02/2023 13:03	11/03/2023 12:43
23102244-003B	GW-07-WG-20231027	10/27/2023 8:25	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/28/2023 6:59
23102244-004A	GW-14-WG-20231026	10/26/2023 17:35	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/01/2023 14:59	11/02/2023 15:29
23102244-004B	GW-14-WG-20231026	10/26/2023 17:35	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/28/2023 7:24
23102244-005A	GW-15-WG-20231027	10/27/2023 10:00	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/02/2023 13:03	11/03/2023 15:16
23102244-005B	GW-15-WG-20231027	10/27/2023 10:00	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/27/2023 21:58
23102244-006A	GW-16S-WG-20231025	10/25/2023 16:10	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			10/31/2023 18:25	11/01/2023 16:19
23102244-006B	GW-16S-WG-20231025	10/25/2023 16:10	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/28/2023 7:48
23102244-007A	GW-16D-WG-20231025	10/25/2023 15:45	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			10/31/2023 18:25	11/01/2023 16:58
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			10/31/2023 18:25	11/02/2023 23:56
23102244-007B	GW-16D-WG-20231025	10/25/2023 15:45	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/28/2023 8:13
23102244-008A	GW-17-WG-20231025	10/25/2023 16:45	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			10/31/2023 18:25	11/01/2023 17:38
23102244-008B	GW-17-WG-20231025	10/25/2023 16:45	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/28/2023 8:38

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
Test Name					
23102244-009A	GW-18S-WG-20231026	10/26/2023 12:35	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/01/2023 14:59	11/02/2023 16:09
23102244-009B	GW-18S-WG-20231026	10/26/2023 12:35	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/28/2023 6:20
23102244-010A	GW-18D-WG-20231026	10/26/2023 12:05	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/01/2023 14:59	11/02/2023 16:49
23102244-010B	GW-18D-WG-20231026	10/26/2023 12:05	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/28/2023 6:45
23102244-011A	GW-19S-WG-20231026	10/26/2023 10:50	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/01/2023 14:59	11/02/2023 17:28
23102244-011B	GW-19S-WG-20231026	10/26/2023 10:50	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/28/2023 7:11
23102244-012A	GW-19D-WG-20231026	10/26/2023 9:15	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/01/2023 14:59	11/02/2023 18:08
23102244-012B	GW-19D-WG-20231026	10/26/2023 9:15	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/01/2023 15:28
23102244-013A	GW-20-WG-20231026	10/26/2023 7:50	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/01/2023 14:59	11/02/2023 19:30
23102244-013B	GW-20-WG-20231026	10/26/2023 7:50	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/27/2023 23:15
23102244-014A	GW-21-WG-20231027	10/27/2023 11:50	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/02/2023 13:03	11/03/2023 13:21
23102244-014B	GW-21-WG-20231027	10/27/2023 11:50	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/27/2023 23:41
23102244-015A	GW-22S-WG-20231026	10/26/2023 15:40	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/01/2023 14:59	11/02/2023 20:08
23102244-015B	GW-22S-WG-20231026	10/26/2023 15:40	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/28/2023 0:06
23102244-016A	GW-22D-WG-20231026	10/26/2023 15:05	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/01/2023 14:59	11/02/2023 20:46
23102244-016B	GW-22D-WG-20231026	10/26/2023 15:05	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/28/2023 0:32
23102244-017A	DUP-001-WG-20231026	10/26/2023 0:00	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/01/2023 14:59	11/02/2023 21:24
23102244-017B	DUP-001-WG-20231026	10/26/2023 0:00	10/27/2023 13:36		

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/28/2023 0:57
23102244-018A	FB-001-WQ-20231026	10/26/2023 7:50	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/01/2023 14:59	11/02/2023 22:02
23102244-018B	FB-001-WQ-20231026	10/26/2023 7:50	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/27/2023 21:07
23102244-019A	TB-001-WQ-20231025	10/25/2023 8:00	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/27/2023 21:32
23102244-020A	FB-002-WQ-20231027	10/27/2023 10:25	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/02/2023 13:03	11/03/2023 13:59
23102244-020B	FB-002-WQ-20231027	10/27/2023 10:25	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/28/2023 1:22
23102244-021A	DUP-002-WG-20231027	10/27/2023 0:00	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/02/2023 13:03	11/03/2023 14:38
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/02/2023 13:03	11/06/2023 9:52
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/02/2023 13:03	11/06/2023 13:40
23102244-021B	DUP-002-WG-20231027	10/27/2023 0:00	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/28/2023 1:48
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/30/2023 11:04
23102244-022A	GW-25-WG-20231026	10/26/2023 13:35	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/01/2023 14:59	11/02/2023 22:40
23102244-022B	GW-25-WG-20231026	10/26/2023 13:35	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/28/2023 2:13
23102244-023A	GW-26-WG-20231026	10/26/2023 16:25	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/01/2023 14:59	11/02/2023 23:18
23102244-023B	GW-26-WG-20231026	10/26/2023 16:25	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/28/2023 2:39

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS

Batch 214029		SampType: MBLK		Units mg/L							
SampID: MBLK-214029											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Acenaphthene		0.000100		ND						11/01/2023	
Acenaphthylene		0.000100		ND						11/01/2023	
Anthracene		0.000300		ND						11/01/2023	
Benzo(a)anthracene		0.000100		ND						11/01/2023	
Benzo(a)pyrene		0.000200		ND						11/01/2023	
Benzo(b)fluoranthene		0.000100		ND						11/01/2023	
Benzo(g,h,i)perylene		0.000200		ND						11/01/2023	
Benzo(k)fluoranthene		0.000100		ND						11/01/2023	
Bis(2-ethylhexyl)phthalate		0.00600		ND						11/01/2023	
Chrysene		0.000100		ND						11/01/2023	
Dibenzo(a,h)anthracene		0.000200		ND						11/01/2023	
Di-n-butyl phthalate		0.0100		ND						11/01/2023	
Fluoranthene		0.000300		ND						11/01/2023	
Fluorene		0.000200 J		0.000090						11/01/2023	
Indeno(1,2,3-cd)pyrene		0.000200		ND						11/01/2023	
m,p-Cresol		0.0100		ND						11/01/2023	
Naphthalene		0.000400		ND						11/01/2023	
o-Cresol		0.0100		ND						11/01/2023	
Phenanthrene		0.000600		ND						11/01/2023	
Pyrene		0.000200		ND						11/01/2023	
Surr: 2,4,6-Tribromophenol	*			0.00167	0.0020		83.6	32.2	135	11/01/2023	
Surr: 2-Fluorobiphenyl	*			0.000674	0.0010		67.4	37.3	109	11/01/2023	
Surr: 2-Fluorophenol	*			0.00147	0.0020		73.7	34.4	114	11/01/2023	
Surr: Nitrobenzene-d5	*			0.000703	0.0010		70.3	43.2	112	11/01/2023	
Surr: Phenol-d5	*			0.00123	0.0020		61.4	33.9	101	11/01/2023	
Surr: p-Terphenyl-d14	*			0.000773	0.0010		77.3	49.3	140	11/01/2023	

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS

Batch 214029		SampType: LCS		Units mg/L							Date Analyzed
SampleID: LCS-214029											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Acenaphthene		0.000100		0.00155	0.0020	0	77.5	58.1	103		
Acenaphthylene		0.000100		0.00177	0.0020	0	88.7	59.6	117		
Anthracene		0.000300		0.00158	0.0020	0	79.0	58.4	110		
Benzo(a)anthracene		0.000100		0.00153	0.0020	0	76.4	66.7	112		
Benzo(a)pyrene		0.000200		0.00167	0.0020	0	83.7	69	125		
Benzo(b)fluoranthene		0.000100		0.00165	0.0020	0	82.7	66.1	128		
Benzo(g,h,i)perylene		0.000200		0.00163	0.0020	0	81.7	59.9	128		
Benzo(k)fluoranthene		0.000100		0.00174	0.0020	0	86.8	66.5	116		
Bis(2-ethylhexyl)phthalate		0.00600	J	0.0023	0.0020	0	116.2	51.3	187		
Chrysene		0.000100		0.00165	0.0020	0	82.4	58.8	117		
Dibenzo(a,h)anthracene		0.000200		0.00171	0.0020	0	85.4	60	142		
Di-n-butyl phthalate		0.0100	J	0.0016	0.0020	0	80.0	61.5	128		
Fluoranthene		0.000300		0.00149	0.0020	0	74.5	59.6	120		
Fluorene		0.000200	B	0.00148	0.0020	0	73.8	59.2	109		
Indeno(1,2,3-cd)pyrene		0.000200		0.00176	0.0020	0	88.2	60.7	134		
m,p-Cresol		0.0100		0.0157	0.0200	0	78.3	54	106		
Naphthalene		0.000400		0.00156	0.0020	0	78.0	56.6	98.5		
o-Cresol		0.0100		0.0155	0.0200	0	77.4	54.2	105		
Phenanthrene		0.000600		0.00162	0.0020	0	80.8	61.3	113		
Pyrene		0.000200		0.00146	0.0020	0	72.9	53.7	117		
Surr: 2,4,6-Tribromophenol	*			0.00190	0.0020		95.1	32.2	135		
Surr: 2-Fluorobiphenyl	*			0.000653	0.0010		65.3	37.3	109		
Surr: 2-Fluorophenol	*			0.00142	0.0020		71.0	34.4	114		
Surr: Nitrobenzene-d5	*			0.000734	0.0010		73.4	43.2	112		
Surr: Phenol-d5	*			0.00142	0.0020		70.8	33.9	101		
Surr: p-Terphenyl-d14	*			0.000745	0.0010		74.5	49.3	140		



Quality Control Results

<http://www.teklabinc.com/>

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS

Batch	214029	SampType:	LCSD	Units				mg/L	RPD Limit: 40		
SampleID: LCSD-214029											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Acenaphthene		0.000100		0.00163	0.0020	0	81.5	0.001551	4.94	11/01/2023	
Acenaphthylene		0.000100		0.00189	0.0020	0	94.6	0.001773	6.52	11/01/2023	
Anthracene		0.000300		0.00173	0.0020	0	86.3	0.001579	8.84	11/01/2023	
Benzo(a)anthracene		0.000100		0.00168	0.0020	0	83.8	0.001529	9.13	11/01/2023	
Benzo(a)pyrene		0.000200		0.00178	0.0020	0	88.8	0.001674	5.92	11/01/2023	
Benzo(b)fluoranthene		0.000100		0.00179	0.0020	0	89.6	0.001654	8.05	11/01/2023	
Benzo(g,h,i)perylene		0.000200		0.00174	0.0020	0	86.9	0.001634	6.18	11/01/2023	
Benzo(k)fluoranthene		0.000100		0.00183	0.0020	0	91.5	0.001737	5.26	11/01/2023	
Bis(2-ethylhexyl)phthalate		0.00600	J	0.0024	0.0020	0	119.4	0.002324	0.00	11/01/2023	
Chrysene		0.000100		0.00184	0.0020	0	91.9	0.001649	10.83	11/01/2023	
Dibenzo(a,h)anthracene		0.000200		0.00191	0.0020	0	95.3	0.001708	10.96	11/01/2023	
Di-n-butyl phthalate		0.0100	J	0.0018	0.0020	0	88.1	0.001599	0.00	11/01/2023	
Fluoranthene		0.000300		0.00163	0.0020	0	81.7	0.001491	9.14	11/01/2023	
Fluorene		0.000200	B	0.00156	0.0020	0	78.1	0.001476	5.68	11/01/2023	
Indeno(1,2,3-cd)pyrene		0.000200		0.00193	0.0020	0	96.5	0.001764	8.99	11/01/2023	
m,p-Cresol		0.0100		0.0179	0.0200	0	89.6	0.01566	13.49	11/01/2023	
Naphthalene		0.000400		0.00168	0.0020	0	84.1	0.001560	7.54	11/01/2023	
o-Cresol		0.0100		0.0178	0.0200	0	89.0	0.01549	13.94	11/01/2023	
Phenanthrene		0.000600		0.00178	0.0020	0	89.2	0.001617	9.87	11/01/2023	
Pyrene		0.000200		0.00161	0.0020	0	80.5	0.001457	9.93	11/01/2023	
Surr: 2,4,6-Tribromophenol	*			0.00182	0.0020		91.0			11/01/2023	
Surr: 2-Fluorobiphenyl	*			0.000788	0.0010		78.8			11/01/2023	
Surr: 2-Fluorophenol	*			0.00168	0.0020		83.8			11/01/2023	
Surr: Nitrobenzene-d5	*			0.000876	0.0010		87.6			11/01/2023	
Surr: Phenol-d5	*			0.00176	0.0020		88.1			11/01/2023	
Surr: p-Terphenyl-d14	*			0.000809	0.0010		80.9			11/01/2023	



Quality Control Results

<http://www.teklabinc.com/>

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS

Batch 214142 SampType: MBLK Units mg/L

SampID: MBLK-214142

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		ND						11/03/2023
Acenaphthylene		0.000100		ND						11/03/2023
Anthracene		0.000300		ND						11/03/2023
Benzo(a)anthracene		0.000100		ND						11/03/2023
Benzo(a)pyrene		0.000200		ND						11/03/2023
Benzo(b)fluoranthene		0.000100		ND						11/03/2023
Benzo(g,h,i)perylene		0.000200		ND						11/03/2023
Benzo(k)fluoranthene		0.000100		ND						11/03/2023
Bis(2-ethylhexyl)phthalate		0.00600		ND						11/03/2023
Chrysene		0.000100		ND						11/03/2023
Dibenzo(a,h)anthracene		0.000200		ND						11/03/2023
Di-n-butyl phthalate		0.0100		ND						11/03/2023
Fluoranthene		0.000300		ND						11/03/2023
Fluorene		0.000200		ND						11/03/2023
Indeno(1,2,3-cd)pyrene		0.000200		ND						11/03/2023
m,p-Cresol		0.0100		ND						11/03/2023
Naphthalene		0.000400		ND						11/03/2023
o-Cresol		0.0100		ND						11/03/2023
Phenanthrene		0.000600		ND						11/03/2023
Pyrene		0.000200		ND						11/03/2023
Surr: 2,4,6-Tribromophenol	*			0.00209	0.0020		104.7	32.2	135	11/03/2023
Surr: 2-Fluorobiphenyl	*			0.000753	0.0010		75.3	37.3	109	11/03/2023
Surr: 2-Fluorophenol	*			0.00154	0.0020		77.2	34.4	114	11/03/2023
Surr: Nitrobenzene-d5	*			0.000727	0.0010		72.7	43.2	112	11/03/2023
Surr: Phenol-d5	*			0.00127	0.0020		63.5	33.9	101	11/03/2023
Surr: p-Terphenyl-d14	*			0.000920	0.0010		92.0	49.3	140	11/03/2023

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS

Batch 214142		SampType: LCS		Units mg/L							Date Analyzed	
SampleID: LCS-214142												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Acenaphthene		0.000100		0.00166	0.0020	0	82.9	58.1	103			
Acenaphthylene		0.000100		0.00187	0.0020	0	93.6	59.6	117			
Anthracene		0.000300		0.00168	0.0020	0	83.9	58.4	110			
Benzo(a)anthracene		0.000100		0.00165	0.0020	0	82.3	66.7	112			
Benzo(a)pyrene		0.000200		0.00176	0.0020	0	88.2	69	125			
Benzo(b)fluoranthene		0.000100		0.00177	0.0020	0	88.6	66.1	128			
Benzo(g,h,i)perylene		0.000200		0.00169	0.0020	0	84.6	59.9	128			
Benzo(k)fluoranthene		0.000100		0.00181	0.0020	0	90.5	66.5	116			
Bis(2-ethylhexyl)phthalate		0.00600	J	0.0025	0.0020	0	123.6	51.3	187			
Chrysene		0.000100		0.00175	0.0020	0	87.3	58.8	117			
Dibenzo(a,h)anthracene		0.000200		0.00182	0.0020	0	91.0	60	142			
Di-n-butyl phthalate		0.0100	J	0.0018	0.0020	0	88.4	61.5	128			
Fluoranthene		0.000300		0.00167	0.0020	0	83.7	59.6	120			
Fluorene		0.000200		0.00156	0.0020	0	78.1	59.2	109			
Indeno(1,2,3-cd)pyrene		0.000200		0.00181	0.0020	0	90.7	60.7	134			
m,p-Cresol		0.0100		0.0178	0.0200	0	88.8	54	106			
Naphthalene		0.000400		0.00165	0.0020	0	82.4	56.6	98.5			
o-Cresol		0.0100		0.0172	0.0200	0	86.1	54.2	105			
Phenanthrene		0.000600		0.00174	0.0020	0	87.2	61.3	113			
Pyrene		0.000200		0.00162	0.0020	0	81.0	53.7	117			
Surr: 2,4,6-Tribromophenol	*			0.00209	0.0020		104.5	32.2	135			
Surr: 2-Fluorobiphenyl	*			0.000824	0.0010		82.4	37.3	109			
Surr: 2-Fluorophenol	*			0.00175	0.0020		87.6	34.4	114			
Surr: Nitrobenzene-d5	*			0.000881	0.0010		88.1	43.2	112			
Surr: Phenol-d5	*			0.00183	0.0020		91.3	33.9	101			
Surr: p-Terphenyl-d14	*			0.000940	0.0010		94.0	49.3	140			

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS

Batch 214142		SampType: LCSD		Units mg/L		RPD Limit: 40				
SampleID: LCSD-214142										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		0.00153	0.0020	0	76.3	0.001658	8.32	11/03/2023
Acenaphthylene		0.000100		0.00185	0.0020	0	92.7	0.001872	0.97	11/03/2023
Anthracene		0.000300		0.00158	0.0020	0	79.2	0.001679	5.76	11/03/2023
Benzo(a)anthracene		0.000100		0.00163	0.0020	0	81.4	0.001646	1.17	11/03/2023
Benzo(a)pyrene		0.000200		0.00175	0.0020	0	87.3	0.001764	1.02	11/03/2023
Benzo(b)fluoranthene		0.000100		0.00173	0.0020	0	86.3	0.001772	2.65	11/03/2023
Benzo(g,h,i)perylene		0.000200		0.00169	0.0020	0	84.5	0.001693	0.18	11/03/2023
Benzo(k)fluoranthene		0.000100		0.00181	0.0020	0	90.4	0.001810	0.14	11/03/2023
Bis(2-ethylhexyl)phthalate		0.00600	J	0.0024	0.0020	0	117.8	0.002472	0.00	11/03/2023
Chrysene		0.000100		0.00174	0.0020	0	86.8	0.001746	0.52	11/03/2023
Dibenzo(a,h)anthracene		0.000200		0.00177	0.0020	0	88.7	0.001820	2.54	11/03/2023
Di-n-butyl phthalate		0.0100	J	0.0017	0.0020	0	86.3	0.001767	0.00	11/03/2023
Fluoranthene		0.000300		0.00158	0.0020	0	78.9	0.001675	5.93	11/03/2023
Fluorene		0.000200		0.00159	0.0020	0	79.6	0.001561	1.92	11/03/2023
Indeno(1,2,3-cd)pyrene		0.000200		0.00184	0.0020	0	92.2	0.001814	1.68	11/03/2023
m,p-Cresol		0.0100		0.0145	0.0200	0	72.7	0.01776	19.88	11/03/2023
Naphthalene		0.000400		0.00163	0.0020	0	81.6	0.001648	1.01	11/03/2023
o-Cresol		0.0100		0.0149	0.0200	0	74.5	0.01721	14.38	11/03/2023
Phenanthrene		0.000600		0.00171	0.0020	0	85.7	0.001744	1.78	11/03/2023
Pyrene		0.000200		0.00150	0.0020	0	75.2	0.001619	7.42	11/03/2023
Surr: 2,4,6-Tribromophenol	*			0.00203	0.0020		101.6			11/03/2023
Surr: 2-Fluorobiphenyl	*			0.000794	0.0010		79.4			11/03/2023
Surr: 2-Fluorophenol	*			0.00157	0.0020		78.4			11/03/2023
Surr: Nitrobenzene-d5	*			0.000882	0.0010		88.2			11/03/2023
Surr: Phenol-d5	*			0.00148	0.0020		74.1			11/03/2023
Surr: p-Terphenyl-d14	*			0.000826	0.0010		82.6			11/03/2023

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS
Batch 214142 **SampType:** MS **Units** mg/L

SampleID: 23102244-005AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		0.00176	0.0020	0	87.8	28.3	133	11/03/2023
Acenaphthylene		0.000100		0.00199	0.0020	0	99.6	5	176	11/03/2023
Anthracene		0.000300		0.00191	0.0020	0	95.7	34.6	131	11/03/2023
Benzo(a)anthracene		0.000100		0.00176	0.0020	0	88.2	40.3	132	11/03/2023
Benzo(a)pyrene		0.000200		0.00195	0.0020	0	97.6	40.8	132	11/03/2023
Benzo(b)fluoranthene		0.000100		0.00190	0.0020	0	94.8	41.9	132	11/03/2023
Benzo(g,h,i)perylene		0.000200		0.00187	0.0020	0	93.4	46	132	11/03/2023
Benzo(k)fluoranthene		0.000100		0.00193	0.0020	0	96.6	49.4	126	11/03/2023
Bis(2-ethylhexyl)phthalate		0.00600	J	0.0024	0.0020	0	120.2	18.4	222	11/03/2023
Chrysene		0.000100		0.00190	0.0020	0	94.9	46.1	129	11/03/2023
Dibenzo(a,h)anthracene		0.000200		0.00209	0.0020	0	104.6	42.1	146	11/03/2023
Di-n-butyl phthalate		0.0100	J	0.0019	0.0020	0	96.8	59.6	146	11/03/2023
Fluoranthene		0.000300		0.00187	0.0020	0	93.3	23.9	164	11/03/2023
Fluorene		0.000200		0.00173	0.0020	0	86.3	24.3	148	11/03/2023
Indeno(1,2,3-cd)pyrene		0.000200		0.00201	0.0020	0	100.3	26.6	157	11/03/2023
m,p-Cresol		0.0100		0.0179	0.0200	0	89.4	5	156	11/03/2023
Naphthalene		0.000400		0.00177	0.0020	0	88.5	24.2	132	11/03/2023
o-Cresol		0.0100		0.0179	0.0200	0	89.3	38	113	11/03/2023
Phenanthrene		0.000600		0.00193	0.0020	0	96.4	36.6	139	11/03/2023
Pyrene		0.000200		0.00186	0.0020	0	93.2	14.6	169	11/03/2023
Surr: 2,4,6-Tribromophenol	*			0.00223	0.0020		111.3	10	179	11/03/2023
Surr: 2-Fluorobiphenyl	*			0.000820	0.0010		82.0	21.4	142	11/03/2023
Surr: 2-Fluorophenol	*			0.00167	0.0020		83.5	10	157	11/03/2023
Surr: Nitrobenzene-d5	*			0.000927	0.0010		92.7	15	163	11/03/2023
Surr: Phenol-d5	*			0.00170	0.0020		85.2	10	162	11/03/2023
Surr: p-Terphenyl-d14	*			0.000973	0.0010		97.3	10	173	11/03/2023

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS

Batch 214142		SampType: MSD		Units mg/L		RPD Limit: 40				
SampleID: 23102244-005AMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		0.00172	0.0020	0	85.8	0.001757	2.37	11/03/2023
Acenaphthylene		0.000100		0.00195	0.0020	0	97.5	0.001992	2.13	11/03/2023
Anthracene		0.000300		0.00176	0.0020	0	88.0	0.001914	8.40	11/03/2023
Benzo(a)anthracene		0.000100		0.00178	0.0020	0	89.1	0.001763	1.09	11/03/2023
Benzo(a)pyrene		0.000200		0.00190	0.0020	0	94.9	0.001952	2.78	11/03/2023
Benzo(b)fluoranthene		0.000100		0.00188	0.0020	0	94.2	0.001895	0.57	11/03/2023
Benzo(g,h,i)perylene		0.000200		0.00184	0.0020	0	91.9	0.001867	1.59	11/03/2023
Benzo(k)fluoranthene		0.000100		0.00184	0.0020	0	92.0	0.001932	4.86	11/03/2023
Bis(2-ethylhexyl)phthalate		0.00600	JS	0.0048	0.0020	0	240.0	0.002404	0.00	11/03/2023
Chrysene		0.000100		0.00188	0.0020	0	93.9	0.001899	1.11	11/03/2023
Dibenzo(a,h)anthracene		0.000200		0.00202	0.0020	0	101.0	0.002093	3.56	11/03/2023
Di-n-butyl phthalate		0.0100	J	0.0018	0.0020	0	91.5	0.001936	0.00	11/03/2023
Fluoranthene		0.000300		0.00174	0.0020	0	87.0	0.001866	6.91	11/03/2023
Fluorene		0.000200		0.00167	0.0020	0	83.4	0.001727	3.49	11/03/2023
Indeno(1,2,3-cd)pyrene		0.000200		0.00194	0.0020	0	96.9	0.002006	3.41	11/03/2023
m,p-Cresol		0.0100		0.0180	0.0200	0	90.1	0.01788	0.83	11/03/2023
Naphthalene		0.000400		0.00172	0.0020	0	86.1	0.001769	2.70	11/03/2023
o-Cresol		0.0100		0.0178	0.0200	0	88.8	0.01787	0.58	11/03/2023
Phenanthrene		0.000600		0.00178	0.0020	0	89.0	0.001928	7.94	11/03/2023
Pyrene		0.000200		0.00175	0.0020	0	87.5	0.001863	6.24	11/03/2023
Surr: 2,4,6-Tribromophenol	*			0.00202	0.0020		101.1			11/03/2023
Surr: 2-Fluorobiphenyl	*			0.000808	0.0010		80.8			11/03/2023
Surr: 2-Fluorophenol	*			0.00174	0.0020		86.8			11/03/2023
Surr: Nitrobenzene-d5	*			0.000862	0.0010		86.2			11/03/2023
Surr: Phenol-d5	*			0.00172	0.0020		85.9			11/03/2023
Surr: p-Terphenyl-d14	*			0.000910	0.0010		91.0			11/03/2023

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 213939		SampType: MBLK		Units µg/L							
SampID: MBLK-AK231027A-2											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	*	0.5		ND						10/27/2023	
Bromoform	*	2.0		ND						10/27/2023	
Ethylbenzene	*	2.0		ND						10/27/2023	
m,p-Xylenes	*	2.0		ND						10/27/2023	
Methylene chloride	*	2.0		ND						10/27/2023	
Naphthalene	*	5.0		ND						10/27/2023	
o-Xylene	*	2.0		ND						10/27/2023	
Toluene	*	2.0		ND						10/27/2023	
trans-1,2-Dichloroethene	*	2.0		ND						10/27/2023	
Xylenes, Total	*	4.0		ND						10/27/2023	
Surr: 1,2-Dichloroethane-d4	*			53.3	50.00		106.5	80	120	10/27/2023	
Surr: 4-Bromofluorobenzene	*			51.9	50.00		103.9	80	120	10/27/2023	
Surr: Dibromofluoromethane	*			49.3	50.00		98.6	80	120	10/27/2023	
Surr: Toluene-d8	*			51.4	50.00		102.8	80	120	10/27/2023	

Batch 213939		SampType: LCS		Units µg/L						
SampID: LCS-AK231027A-2										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		48.5	50.00	0	96.9	80	121	10/27/2023
Bromoform	*	2.0		51.6	50.00	0	103.2	71.6	129	10/27/2023
Ethylbenzene	*	2.0		52.2	50.00	0	104.4	83.1	116	10/27/2023
m,p-Xylenes	*	2.0		105	100.0	0	104.7	83.2	117	10/27/2023
Methylene chloride	*	2.0		50.5	50.00	0	101.0	71.4	124	10/27/2023
Naphthalene	*	5.0		49.0	50.00	0	97.9	71.6	124	10/27/2023
o-Xylene	*	2.0		51.7	50.00	0	103.4	82.3	115	10/27/2023
Toluene	*	2.0		51.3	50.00	0	102.5	82.4	112	10/27/2023
trans-1,2-Dichloroethene	*	2.0		51.9	50.00	0	103.8	80.8	126	10/27/2023
Xylenes, Total	*	4.0		156	150.0	0	104.2	83	116	10/27/2023
Surr: 1,2-Dichloroethane-d4	*			54.9	50.00		109.8	80	120	10/27/2023
Surr: 4-Bromofluorobenzene	*			51.2	50.00		102.5	80	120	10/27/2023
Surr: Dibromofluoromethane	*			51.4	50.00		102.8	80	120	10/27/2023
Surr: Toluene-d8	*			51.8	50.00		103.5	80	120	10/27/2023

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 213939		SampType: LCSD		Units µg/L				RPD Limit: 20		
SampID: LCSD-AK231027A-2										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		47.4	50.00	0	94.8	48.47	2.27	10/27/2023
Bromoform	*	2.0		50.6	50.00	0	101.1	51.59	2.04	10/27/2023
Ethylbenzene	*	2.0		50.6	50.00	0	101.1	52.18	3.13	10/27/2023
m,p-Xylenes	*	2.0		101	100.0	0	101.4	104.7	3.22	10/27/2023
Methylene chloride	*	2.0		49.2	50.00	0	98.4	50.51	2.63	10/27/2023
Naphthalene	*	5.0		49.3	50.00	0	98.5	48.96	0.61	10/27/2023
o-Xylene	*	2.0		50.2	50.00	0	100.3	51.69	3.02	10/27/2023
Toluene	*	2.0		49.4	50.00	0	98.7	51.27	3.80	10/27/2023
trans-1,2-Dichloroethene	*	2.0		50.2	50.00	0	100.4	51.92	3.33	10/27/2023
Xylenes, Total	*	4.0		152	150.0	0	101.0	156.4	3.16	10/27/2023
Surr: 1,2-Dichloroethane-d4	*			54.5	50.00		108.9			10/27/2023
Surr: 4-Bromofluorobenzene	*			52.0	50.00		104.0			10/27/2023
Surr: Dibromofluoromethane	*			51.2	50.00		102.4			10/27/2023
Surr: Toluene-d8	*			51.4	50.00		102.7			10/27/2023

Batch 213946	SampType: MBLK	Units µg/L									
SampID: MBLK-AE231027A-2											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Benzene	*	0.5		ND						10/27/2023	
Bromoform	*	2.0		ND						10/27/2023	
Ethylbenzene	*	2.0		ND						10/27/2023	
m,p-Xylenes	*	2.0		ND						10/27/2023	
Methylene chloride	*	2.0		ND						10/27/2023	
Naphthalene	*	5.0		ND						10/27/2023	
o-Xylene	*	2.0		ND						10/27/2023	
Toluene	*	2.0		ND						10/27/2023	
trans-1,2-Dichloroethene	*	2.0		ND						10/27/2023	
Xylenes, Total	*	4.0		ND						10/27/2023	
Surr: 1,2-Dichloroethane-d4	*			49.4	50.00		98.8	80	120	10/27/2023	
Surr: 4-Bromofluorobenzene	*			50.5	50.00		100.9	80	120	10/27/2023	
Surr: Dibromofluoromethane	*			51.6	50.00		103.2	80	120	10/27/2023	
Surr: Toluene-d8	*			51.3	50.00		102.6	80	120	10/27/2023	

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 213946		SampType: LCS		Units µg/L							
SampID: LCS-AE231027A-2											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	*	0.5		56.1	50.00	0	112.2	80	121	10/27/2023	
Bromoform	*	2.0		50.6	50.00	0	101.2	71.6	129	10/27/2023	
Ethylbenzene	*	2.0		53.6	50.00	0	107.2	83.1	116	10/27/2023	
m,p-Xylenes	*	2.0		107	100.0	0	107.5	83.2	117	10/27/2023	
Methylene chloride	*	2.0		56.2	50.00	0	112.4	71.4	124	10/27/2023	
Naphthalene	*	5.0		51.0	50.00	0	102.1	71.6	124	10/27/2023	
o-Xylene	*	2.0		53.8	50.00	0	107.6	82.3	115	10/27/2023	
Toluene	*	2.0		53.5	50.00	0	107.0	82.4	112	10/27/2023	
trans-1,2-Dichloroethene	*	2.0		58.0	50.00	0	116.0	80.8	126	10/27/2023	
Xylenes, Total	*	4.0		161	150.0	0	107.5	83	116	10/27/2023	
Surr: 1,2-Dichloroethane-d4	*			49.7	50.00		99.3	80	120	10/27/2023	
Surr: 4-Bromofluorobenzene	*			50.1	50.00		100.2	80	120	10/27/2023	
Surr: Dibromofluoromethane	*			51.8	50.00		103.6	80	120	10/27/2023	
Surr: Toluene-d8	*			50.4	50.00		100.8	80	120	10/27/2023	

Batch 213946	SampType: LCSD	Units µg/L								RPD Limit: 20	
SampID: LCSD-AE231027A-2											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Benzene	*	0.5		52.8	50.00	0	105.5	56.12	6.19	10/27/2023	
Bromoform	*	2.0		48.2	50.00	0	96.5	50.60	4.78	10/27/2023	
Ethylbenzene	*	2.0		50.8	50.00	0	101.6	53.60	5.32	10/27/2023	
m,p-Xylenes	*	2.0		102	100.0	0	101.7	107.5	5.51	10/27/2023	
Methylene chloride	*	2.0		54.1	50.00	0	108.2	56.19	3.81	10/27/2023	
Naphthalene	*	5.0		48.6	50.00	0	97.2	51.03	4.86	10/27/2023	
o-Xylene	*	2.0		50.9	50.00	0	101.7	53.82	5.64	10/27/2023	
Toluene	*	2.0		51.1	50.00	0	102.2	53.49	4.57	10/27/2023	
trans-1,2-Dichloroethene	*	2.0		54.8	50.00	0	109.6	57.98	5.64	10/27/2023	
Xylenes, Total	*	4.0		153	150.0	0	101.7	161.3	5.55	10/27/2023	
Surr: 1,2-Dichloroethane-d4	*			48.6	50.00		97.3			10/27/2023	
Surr: 4-Bromofluorobenzene	*			50.0	50.00		100.0			10/27/2023	
Surr: Dibromofluoromethane	*			51.4	50.00		102.7			10/27/2023	
Surr: Toluene-d8	*			50.2	50.00		100.5			10/27/2023	

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 213946		SampType: MS		Units µg/L						
SampID: 23102244-005bMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		0.50		49.5	50.00	0	99.0	73.4	121	10/27/2023
Ethylbenzene		1.00		48.6	50.00	0	97.2	76.2	120	10/27/2023
m,p-Xylenes		1.00		51.7	50.00	0	103.4	82.8	127	10/27/2023
o-Xylene		1.00		49.2	50.00	0	98.4	79.2	116	10/27/2023
Toluene		2.00		49.6	50.00	0	99.2	75	113	10/27/2023
Xylenes, Total		2.00		101	100.0	0	100.9	81.2	121	10/27/2023
Surr: 1,2-Dichloroethane-d4	*			49.3	50.00		98.6	80	120	10/27/2023
Surr: 4-Bromofluorobenzene	*			49.8	50.00		99.5	80	120	10/27/2023
Surr: Dibromofluoromethane	*			51.6	50.00		103.1	80	120	10/27/2023
Surr: Toluene-d8	*			50.7	50.00		101.5	80	120	10/27/2023

Batch 213946		SampType: MSD	Units µg/L					RPD Limit: 20		
SampID: 23102244-005bMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene		0.50		50.5	50.00	0	100.9	49.50	1.94	10/27/2023
Ethylbenzene		1.00		50.4	50.00	0	100.7	48.58	3.58	10/27/2023
m,p-Xylenes		1.00		53.0	50.00	0	106.0	51.71	2.43	10/27/2023
o-Xylene		1.00		50.3	50.00	0	100.5	49.22	2.09	10/27/2023
Toluene		2.00		50.3	50.00	0	100.6	49.61	1.40	10/27/2023
Xylenes, Total		2.00		103	100.0	0	103.2	100.9	2.26	10/27/2023
Surr: 1,2-Dichloroethane-d4	*			49.8	50.00		99.5			10/27/2023
Surr: 4-Bromofluorobenzene	*			49.0	50.00		98.0			10/27/2023
Surr: Dibromofluoromethane	*			51.0	50.00		102.1			10/27/2023
Surr: Toluene-d8	*			51.3	50.00		102.7			10/27/2023

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 213960		SampType: MBLK		Units µg/L							
SampID: MBLK-AM231027A-2											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	*	0.5		ND						10/27/2023	
Bromoform	*	2.0		ND						10/27/2023	
Ethylbenzene	*	2.0		ND						10/27/2023	
m,p-Xylenes	*	2.0		ND						10/27/2023	
Methylene chloride	*	2.0		ND						10/27/2023	
Naphthalene	*	5.0		ND						10/27/2023	
o-Xylene	*	2.0		ND						10/27/2023	
Toluene	*	2.0		ND						10/27/2023	
trans-1,2-Dichloroethene	*	2.0		ND						10/27/2023	
Xylenes, Total	*	4.0		ND						10/27/2023	
Surr: 1,2-Dichloroethane-d4	*			48.1	50.00		96.2	80	120	10/27/2023	
Surr: 4-Bromofluorobenzene	*			46.2	50.00		92.4	80	120	10/27/2023	
Surr: Dibromofluoromethane	*			51.6	50.00		103.3	80	120	10/27/2023	
Surr: Toluene-d8	*			48.2	50.00		96.3	80	120	10/27/2023	

Batch 213960		SampType: LCS		Units µg/L						
SampID: LCS-AM231027A-2										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		47.7	50.00	0	95.4	80	121	10/27/2023
Bromoform	*	2.0		53.4	50.00	0	106.7	71.6	129	10/27/2023
Ethylbenzene	*	2.0		49.7	50.00	0	99.4	83.1	116	10/27/2023
m,p-Xylenes	*	2.0		99.0	100.0	0	99.0	83.2	117	10/27/2023
Methylene chloride	*	2.0		42.1	50.00	0	84.2	71.4	124	10/27/2023
Naphthalene	*	5.0		50.3	50.00	0	100.6	71.6	124	10/27/2023
o-Xylene	*	2.0		48.9	50.00	0	97.8	82.3	115	10/27/2023
Toluene	*	2.0		48.7	50.00	0	97.3	82.4	112	10/27/2023
trans-1,2-Dichloroethene	*	2.0		45.7	50.00	0	91.3	80.8	126	10/27/2023
Xylenes, Total	*	4.0		148	150.0	0	98.6	83	116	10/27/2023
Surr: 1,2-Dichloroethane-d4	*			47.8	50.00		95.5	80	120	10/27/2023
Surr: 4-Bromofluorobenzene	*			45.5	50.00		91.0	80	120	10/27/2023
Surr: Dibromofluoromethane	*			51.8	50.00		103.6	80	120	10/27/2023
Surr: Toluene-d8	*			48.7	50.00		97.4	80	120	10/27/2023

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 213960		SampType: LCSD		Units µg/L				RPD Limit: 20		
SampID: LCSD-AM231027A-2										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		47.3	50.00	0	94.6	47.69	0.80	10/27/2023
Bromoform	*	2.0		52.2	50.00	0	104.4	53.36	2.22	10/27/2023
Ethylbenzene	*	2.0		49.0	50.00	0	97.9	49.69	1.46	10/27/2023
m,p-Xylenes	*	2.0		98.0	100.0	0	98.0	99.01	1.07	10/27/2023
Methylene chloride	*	2.0		41.7	50.00	0	83.5	42.08	0.81	10/27/2023
Naphthalene	*	5.0		51.2	50.00	0	102.3	50.30	1.71	10/27/2023
o-Xylene	*	2.0		48.5	50.00	0	97.1	48.88	0.72	10/27/2023
Toluene	*	2.0		48.5	50.00	0	97.0	48.67	0.35	10/27/2023
trans-1,2-Dichloroethene	*	2.0		46.2	50.00	0	92.5	45.67	1.24	10/27/2023
Xylenes, Total	*	4.0		146	150.0	0	97.7	147.9	0.95	10/27/2023
Surr: 1,2-Dichloroethane-d4	*			47.2	50.00		94.3			10/27/2023
Surr: 4-Bromofluorobenzene	*			45.6	50.00		91.1			10/27/2023
Surr: Dibromofluoromethane	*			51.9	50.00		103.8			10/27/2023
Surr: Toluene-d8	*			48.6	50.00		97.1			10/27/2023

Batch 213972	SampType: MBLK	Units µg/L									Date Analyzed
SampID: MBLK-AM231030A-1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	*	0.5		ND							10/30/2023
Bromoform	*	2.0		ND							10/30/2023
Ethylbenzene	*	2.0		ND							10/30/2023
m,p-Xylenes	*	2.0		ND							10/30/2023
Methylene chloride	*	2.0		ND							10/30/2023
Naphthalene	*	5.0		ND							10/30/2023
o-Xylene	*	2.0		ND							10/30/2023
Toluene	*	2.0		ND							10/30/2023
trans-1,2-Dichloroethene	*	2.0		ND							10/30/2023
Xylenes, Total	*	4.0		ND							10/30/2023
Surr: 1,2-Dichloroethane-d4	*			46.8	50.00		93.6	80	120		10/30/2023
Surr: 4-Bromofluorobenzene	*			46.2	50.00		92.5	80	120		10/30/2023
Surr: Dibromofluoromethane	*			52.4	50.00		104.8	80	120		10/30/2023
Surr: Toluene-d8	*			47.8	50.00		95.5	80	120		10/30/2023

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 213972		SampType: LCS		Units µg/L							
SampID: LCS-AM231030A-1											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	*	0.5		48.4	50.00	0	96.7	80	121	10/30/2023	
Bromoform	*	2.0		54.3	50.00	0	108.7	71.6	129	10/30/2023	
Ethylbenzene	*	2.0		49.0	50.00	0	97.9	83.1	116	10/30/2023	
m,p-Xylenes	*	2.0		98.8	100.0	0	98.8	83.2	117	10/30/2023	
Methylene chloride	*	2.0		42.0	50.00	0	84.0	71.4	124	10/30/2023	
Naphthalene	*	5.0		52.2	50.00	0	104.5	71.6	124	10/30/2023	
o-Xylene	*	2.0		48.6	50.00	0	97.3	82.3	115	10/30/2023	
Toluene	*	2.0		48.8	50.00	0	97.6	82.4	112	10/30/2023	
trans-1,2-Dichloroethene	*	2.0		46.2	50.00	0	92.4	80.8	126	10/30/2023	
Xylenes, Total	*	4.0		147	150.0	0	98.3	83	116	10/30/2023	
Surr: 1,2-Dichloroethane-d4	*			45.8	50.00		91.6	80	120	10/30/2023	
Surr: 4-Bromofluorobenzene	*			44.0	50.00		88.0	80	120	10/30/2023	
Surr: Dibromofluoromethane	*			52.0	50.00		104.1	80	120	10/30/2023	
Surr: Toluene-d8	*			47.9	50.00		95.8	80	120	10/30/2023	

Batch 213972	SampType: LCSD	Units µg/L								RPD Limit: 20	
SampID: LCSD-AM231030A-1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Benzene	*	0.5		46.4	50.00	0	92.7	48.35	4.18	10/30/2023	
Bromoform	*	2.0		53.0	50.00	0	106.0	54.34	2.52	10/30/2023	
Ethylbenzene	*	2.0		47.2	50.00	0	94.4	48.97	3.70	10/30/2023	
m,p-Xylenes	*	2.0		94.8	100.0	0	94.8	98.84	4.21	10/30/2023	
Methylene chloride	*	2.0		40.9	50.00	0	81.9	41.99	2.56	10/30/2023	
Naphthalene	*	5.0		51.2	50.00	0	102.4	52.24	2.03	10/30/2023	
o-Xylene	*	2.0		47.0	50.00	0	94.0	48.64	3.43	10/30/2023	
Toluene	*	2.0		46.6	50.00	0	93.2	48.82	4.70	10/30/2023	
trans-1,2-Dichloroethene	*	2.0		44.1	50.00	0	88.2	46.20	4.61	10/30/2023	
Xylenes, Total	*	4.0		142	150.0	0	94.5	147.5	3.96	10/30/2023	
Surr: 1,2-Dichloroethane-d4	*			46.0	50.00		92.1			10/30/2023	
Surr: 4-Bromofluorobenzene	*			44.2	50.00		88.4			10/30/2023	
Surr: Dibromofluoromethane	*			51.9	50.00		103.8			10/30/2023	
Surr: Toluene-d8	*			47.7	50.00		95.5			10/30/2023	

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 213972		SampType: MS		Units µg/L						
SampID: 23102244-021BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		5.00		811	500.0	392.2	83.8	73.4	121	10/30/2023
Ethylbenzene		10.0		584	500.0	134.1	90.1	76.2	120	10/30/2023
m,p-Xylenes		10.0		490	500.0	17.60	94.6	82.8	127	10/30/2023
o-Xylene		10.0		522	500.0	71.20	90.2	79.2	116	10/30/2023
Toluene		20.0		470	500.0	30.30	87.9	75	113	10/30/2023
Xylenes, Total		20.0		1010	1000	88.80	92.4	81.2	121	10/30/2023
Surr: 1,2-Dichloroethane-d4	*			466	500.0		93.2	80	120	10/30/2023
Surr: 4-Bromofluorobenzene	*			440	500.0		87.9	80	120	10/30/2023
Surr: Dibromofluoromethane	*			520	500.0		104.1	80	120	10/30/2023
Surr: Toluene-d8	*			476	500.0		95.3	80	120	10/30/2023

Batch 213972	SampType: MSD	Units µg/L							RPD Limit: 20		Date Analyzed
SampID: 23102244-021BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Benzene		5.00		840	500.0	392.2	89.6	811.2	3.54	10/30/2023	
Ethylbenzene		10.0		596	500.0	134.1	92.3	584.4	1.90	10/30/2023	
m,p-Xylenes		10.0		496	500.0	17.60	95.8	490.4	1.24	10/30/2023	
o-Xylene		10.0		525	500.0	71.20	90.8	522.0	0.57	10/30/2023	
Toluene		20.0		475	500.0	30.30	88.9	469.9	1.00	10/30/2023	
Xylenes, Total		20.0		1020	1000	88.80	93.3	1012	0.89	10/30/2023	
Surr: 1,2-Dichloroethane-d4	*			472	500.0		94.4			10/30/2023	
Surr: 4-Bromofluorobenzene	*			445	500.0		89.0			10/30/2023	
Surr: Dibromofluoromethane	*			525	500.0		105.0			10/30/2023	
Surr: Toluene-d8	*			472	500.0		94.3			10/30/2023	

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 214133		SampType: MBLK		Units µg/L							
SampID: MBLK-AM231101A-1											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	*	0.5		ND						11/01/2023	
Bromoform	*	2.0		ND						11/01/2023	
Ethylbenzene	*	2.0		ND						11/01/2023	
m,p-Xylenes	*	2.0		ND						11/01/2023	
Methylene chloride	*	2.0		ND						11/01/2023	
Naphthalene	*	5.0		ND						11/01/2023	
o-Xylene	*	2.0		ND						11/01/2023	
Toluene	*	2.0		ND						11/01/2023	
trans-1,2-Dichloroethene	*	2.0		ND						11/01/2023	
Xylenes, Total	*	4.0		ND						11/01/2023	
Surr: 1,2-Dichloroethane-d4	*			46.9	50.00		93.9	80	120	11/01/2023	
Surr: 4-Bromofluorobenzene	*			44.8	50.00		89.5	80	120	11/01/2023	
Surr: Dibromofluoromethane	*			53.4	50.00		106.8	80	120	11/01/2023	
Surr: Toluene-d8	*			47.2	50.00		94.5	80	120	11/01/2023	

Batch 214133		SampType: LCS		Units µg/L						
SampID: LCS-AM231101A-1										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		52.2	50.00	0	104.4	80	121	11/01/2023
Bromoform	*	2.0		61.3	50.00	0	122.6	71.6	129	11/01/2023
Ethylbenzene	*	2.0		53.2	50.00	0	106.4	83.1	116	11/01/2023
m,p-Xylenes	*	2.0		107	100.0	0	106.8	83.2	117	11/01/2023
Methylene chloride	*	2.0		45.8	50.00	0	91.6	71.4	124	11/01/2023
Naphthalene	*	5.0		59.7	50.00	0	119.4	71.6	124	11/01/2023
o-Xylene	*	2.0		53.3	50.00	0	106.7	82.3	115	11/01/2023
Toluene	*	2.0		52.6	50.00	0	105.3	82.4	112	11/01/2023
trans-1,2-Dichloroethene	*	2.0		48.7	50.00	0	97.4	80.8	126	11/01/2023
Xylenes, Total	*	4.0		160	150.0	0	106.7	83	116	11/01/2023
Surr: 1,2-Dichloroethane-d4	*			45.8	50.00		91.6	80	120	11/01/2023
Surr: 4-Bromofluorobenzene	*			44.1	50.00		88.3	80	120	11/01/2023
Surr: Dibromofluoromethane	*			52.2	50.00		104.4	80	120	11/01/2023
Surr: Toluene-d8	*			48.2	50.00		96.4	80	120	11/01/2023

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 214133		SampType: LCSD		Units µg/L				RPD Limit: 20			Date Analyzed
SampID: LCSD-AM231101A-1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Benzene	*	0.5		45.6	50.00	0	91.2	52.19	13.52	11/01/2023	
Bromoform	*	2.0		51.9	50.00	0	103.8	61.31	16.60	11/01/2023	
Ethylbenzene	*	2.0		45.8	50.00	0	91.6	53.19	14.91	11/01/2023	
m,p-Xylenes	*	2.0		92.6	100.0	0	92.6	106.8	14.21	11/01/2023	
Methylene chloride	*	2.0		39.8	50.00	0	79.7	45.79	13.90	11/01/2023	
Naphthalene	*	5.0		50.6	50.00	0	101.2	59.68	16.51	11/01/2023	
o-Xylene	*	2.0		45.8	50.00	0	91.5	53.33	15.30	11/01/2023	
Toluene	*	2.0		45.4	50.00	0	90.8	52.63	14.75	11/01/2023	
trans-1,2-Dichloroethene	*	2.0		43.5	50.00	0	87.0	48.72	11.37	11/01/2023	
Xylenes, Total	*	4.0		138	150.0	0	92.2	160.1	14.57	11/01/2023	
Surr: 1,2-Dichloroethane-d4	*			46.1	50.00		92.3			11/01/2023	
Surr: 4-Bromofluorobenzene	*			44.4	50.00		88.8			11/01/2023	
Surr: Dibromofluoromethane	*			52.2	50.00		104.5			11/01/2023	
Surr: Toluene-d8	*			47.5	50.00		95.0			11/01/2023	



Receiving Check List

<http://www.teklabinc.com/>

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

Carrier: Caleb Lowell

Received By: HAW

Completed by:

On:

27-Oct-23

Amber Dilallo

Reviewed by:

On:

27-Oct-23

Ellie Hopkins

Pages to follow:

Chain of custody

3

Extra pages included

0

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Present ☐

Temp °C **6.2**

Type of thermal preservation?

None ☐

Ice ☒

Blue Ice ☐

Dry Ice ☐

Chain of custody present?

Yes ☒

No ☐

Chain of custody signed when relinquished and received?

Yes ☒

No ☐

Chain of custody agrees with sample labels?

Yes ☒

No ☐

Samples in proper container/bottle?

Yes ☒

No ☐

Sample containers intact?

Yes ☒

No ☐

Sufficient sample volume for indicated test?

Yes ☒

No ☐

All samples received within holding time?

Yes ☒

No ☐

Reported field parameters measured:

Field ☐

Lab ☐

NA ☒

Container/Temp Blank temperature in compliance?

Yes ☐

No ☒

When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.

Water – at least one vial per sample has zero headspace?

Yes ☐

No ☒

No VOA vials ☐

Water - TOX containers have zero headspace?

Yes ☐

No ☐

No TOX containers ☒

Water - pH acceptable upon receipt?

Yes ☒

No ☐

NA ☐

NPDES/CWA TCN interferences checked/treated in the field?

Yes ☐

No ☐

NA ☒

Any No responses must be detailed below or on the COC.

Headspace was present in the GW-05, GW-14, GW-16D, GW-18D, GW-19D and GW-22D volatile vials. Client was notified via work order summary. - JHR/amberdilallo/EAH - 10/27/2023 2:46:57 PM

Trip Blank collection date and time will be reported as the received date and time (end of trip). - amberdilallo - 10/27/2023 2:48:40 PM

The samples were out of temperature compliance upon receipt. Client was notified via work order summary. - ehopkinsk/EAH - 10/27/2023 3:00:04 PM

CHAIN OF CUSTODY

pg. 1 of 3 Work order # 23102244

TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

Client:	ERM		
Address:	1968 Craig Road		
City / State / Zip	St. Louis, MO 63146		
Contact:	Michael Abegg	Phone:	
E-Mail:	michael.abegg@erm.com	Fax:	

Samples on:	☒ ICE	☐ BLUE ICE	☐ NO ICE	U. 2 °C	LTG# 3
Preserved in:	☐ LAB	☒ FIELD	FOR LAB USE ONLY		
Lab Notes:	* Head space				

Are these samples known to be involved in litigation? If yes, a surcharge will apply ☐ Yes ☒ No
 Are these samples known to be hazardous? If yes, include details of the hazard. ☐ Yes ☒ No
 Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in the comment section. ☒ Yes ☐ No

Client Comments
 MS/MSD ON GW-15-W6-20231027
 * Head Space present gr

Project Name/Number	Sample Collector's Name
Ameren Taylorville 4th Qtr 2023	ABEGG / LOWELL

Results Requested	Billing Instructions	# and Type of Containers
☒ Standard ☐ 1-2 Day (100% Surcharge)		
☐ Other ☐ 3 Day (50% Surcharge)		

Lab Use Only	Sample Identification	Date/Time Sampled	UNP	HCI							
23102244-001	GW-04R-W6-20231025	10/27/23, 1045	1	2							
002	GW-05-W6-20231025	10/25/23, 1340	1	2							
003	GW-07-W6-20231027	10/27/23, 0925	1	2							
004	GW-14-W6-20231026	10/26/23, 1735	1	2							
005	GW-15-W6-20231027	10/27/23, 1000	1	2							
006	GW-16S-W6-20231025	10/25/23, 1610	1	2							
007	GW-16D-W6-20231025	10/25/23, 1545	1	2							
008	GW-17-W6-20231025	10/25/23, 1645	1	2							
009	GW-18S-W6-20231026	10/26/23, 1235	1	2							
010	GW-18D-W6-20231026	10/26/23, 1205	1	2							

MATRIX			INDICATE ANALYSIS REQUESTED															
Aqueous	Groundwater	Trip Blank	PAHs	VOCs														
	X		X	X														
	X		X	X														
	X		X	X														
	X		X	X														
	X		X	X														
	X		X	X														
	X		X	X														
	X		X	X														
	X		X	X														

Relinquished By	Date/Time	Received By	Date/Time
Cahill / J. Smith	10/27/23 ; 1336	Harsh Wu	10/27/23 1336

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

BottleOrder: 84200



pg. 2 of 3 Work order # 23102244

Client:	ERM		
Address:	1968 Craig Road		
City / State / Zip	St. Louis, MO 63146		
Contact:	Michael Abegg	Phone:	
E-Mail:	michael.abegg@erm.com	Fax:	

Lab Notes:

Client Comments

Are these samples known to be involved in litigation? If yes, a surcharge will apply ☐ Yes ☒ No

Are these samples known to be hazardous? If yes, include details of the hazard. ☐ Yes ☒ No

Are there any required reporting limits to be met on the requested analysis?. If yes, please provide limits in the comment section. ☒ Yes ☐ No

Project Name/Number		Sample Collector's Name		MATRIX		INDICATE ANALYSIS REQUESTED																			
Results Requested		Billing Instructions		# and Type of Containers		Aqueous	Groundwater	Trip Blank				PAHs	VOCs												
Lab Use Only	Sample Identification	Date/Time Sampled	UNP	HCI																					
☒ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other _____ ☐ 3 Day (50% Surcharge)																									
23102244	GW-19S - W6-20231026	10/26/23; 1050	1	2		X						X	X												
012	GW-19D - W6-20231026	10/26/23; 0915	1	2		X						X	X												
013	GW-20 - W6-20231026	10/26/23; 0750	1	2		X						X	X												
014	GW-21 - W6-20231027	10/27/23; 1150	1	2		X						X	X												
015	GW-22S - W6-20231026	10/26/23; 1540	1	2		X						X	X												
016	GW-22D - W6-20231026	10/26/23; 1505	1	2		X						X	X												
017	Dup 4 - W6-20231026	10/26/23; -	1	2		X						X	X												
018	Field Blank 1 - W6-20231026	10/26/23; 750	1	2		X						X	X												
019	Trip Blank 1 - W6-20231025	10/25/23; 0800		2			X						X												
020	Trip Blank 2 - W6-20231027	10/27/23; 1015		2			X						X												
Relinquished By		Date/Time		Received By								Date/Time													
Caleb Smith		10/27/23; 1336		Hannah Wa								10/27/23 1336													



pg. 3 of 3 Work order # 23102244

[illegible]

**ATTACHMENT B SUMMARY OF HISTORICAL ANALYTICAL RESULTS:
2015 - OCTOBER 2023**

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-01 Analyte	Unit	Remediation Objective (RO)	Result 3/4/2015	Result 5/13/2015	Result 8/19/2015	Result 11/3/2015	Result 2/17/2016	Result 5/25/2016	Result 8/17/2016	Result 11/15/2016	Result (DUP) 11/15/2016	Result 2/14/2017	Result 5/16/2017	Result 8/16/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	---	---	---	---	---	< 0.002	0.0013 J
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	0.00012 J
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter
NA = Not analyzed due to laboratory error.

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-01 Analyte	Unit	Remediation Objective (RO)	Result 11/22/2017	Result (DUP) 11/22/2017	Result 2/15/2018	Result (DUP) 2/15/2018	Result 5/10/2018	Result (DUP) 5/10/2018	Result 8/14/2018	Result (DUP) 8/14/2018	Result 11/8/2018	Result (DUP) 11/8/2018	Result 2/19/2019
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.006	< 0.006	0.0017	JSR	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	---	---	---	---	---	---	---
Fluoranthene	mg/L	0.28	< 0.0001	B	< 0.0001	B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0001	B	0.000156	B	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2	B	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	< 1	< 1	< 1	< 1	< 1	B	< 1	< 1	< 1	< 1

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
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Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter
NA = Not analyzed due to laboratory error.

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-01 Analyte	Unit	Remediation Objective (RO)	Result 5/7/2019	Result 8/14/2019	Result 11/13/2019	Result 2/19/2020	Result 5/14/2020	Result 8/13/2020	Result 11/11/2020	Result 2/24/2021	Result 5/13/2021	Result 8/11/2021	Result 11/9/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	NA	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	NA	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	0.000088 J	< 0.0001	< 0.0001 B	< 0.000222	< 0.0003	< 0.0003	< 0.0003	NA	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	NA	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	NA	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	0.00006 J	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	NA	0.000074 J	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000148	< 0.0002	< 0.0002	< 0.0002	NA	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	NA	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.00148 C	< 0.002 C	< 0.002 C	< 0.002	NA	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	NA	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0002	NA	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	NA	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000222	< 0.0003	< 0.0003	< 0.0003	NA	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000148	< 0.0002	< 0.0002	< 0.0002	NA	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001 B	< 0.000074	< 0.0001	< 0.0001	< 0.0002	NA	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	NA	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	NA	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	0.000891	< 0.0002	< 0.0002	< 0.000296	< 0.0004	< 0.0004	< 0.0004	NA	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000444	< 0.0006	< 0.0006	0.000697	NA	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002 B	< 0.000148	< 0.0002	< 0.0002	< 0.0002	NA	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.37 J
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	0.37 J

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter
NA = Not analyzed due to laboratory error.

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-01 Analyte	Unit	Remediation Objective (RO)	Result 2/16/2022	Result 5/10/2022	Result 9/8/2022	Result 11/29/2022	Result 2/15/2023	Result 5/16/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	0.48 J	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	0.1 J	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter
NA = Not analyzed due to laboratory error.

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-02 Analyte	Unit	Remediation Objective (RO)	Result 3/4/2015	Result 5/12/2015	Result 8/18/2015	Result 11/3/2015	Result 2/17/2016	Result 5/25/2016	Result 8/17/2016	Result 11/15/2016	Result 2/16/2017
Acenaphthene	mg/L	0.42	0.0081 J	0.00053 J	< 0.01	0.0213	0.004 J	< 0.01	< 0.01	0.00019 J	0.0053 J
Acenaphthylene	mg/L	-	0.004 J	0.00065 J	0.0001 J	0.0163	0.0056 J	0.0004 J	0.00011 J	0.0019 J	0.0087 J
Anthracene	mg/L	2.1	0.00035 J	0.00019 J	0.00018 J	0.00036 J	0.00026 J	0.00029 J	0.00026 J	0.00025 J	0.00036 J
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00006 J
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00401	0.0472	0.00442	0.0021	0.0017 J	---	---	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	0.00013 J	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	0.00039 J	< 0.0021	< 0.0021	0.0001 J	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	0.00015 B	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	0.00012 J	< 0.0064	0.00023 J	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	0.00013 J	0.00011 J	< 0.0027	< 0.0027	0.00009 J	0.00009 J
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	5.44	< 0.6	1.53	1.53	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
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R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-02 Analyte	Unit	Remediation Objective (RO)	Result 5/16/2017	Result 8/18/2017	Result 11/21/2017	Result 2/15/2018	Result 5/9/2018	Result 8/14/2018	Result 2/20/2019	Result 5/8/2019	Result (DUP) 5/8/2019
Acenaphthene	mg/L	0.42	0.0089 J	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	0.0103	0.00048 J	0.000323	0.000062 J	0.000791	0.000065 J	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	0.0012 J	0.00057 J	0.000329	0.000348	0.000273	0.000239	0.000243	0.000134	0.000113
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000056 J	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000059 J	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00229	0.00746	< 0.008	0.0018 J	< 0.002	0.00615	0.0108	0.00416	0.00756
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00006 J	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	---	---	---	---	---	---	---
Fluoranthene	mg/L	0.28	0.00022 J	0.00019 J	0.000118	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	0.00099 J	0.00012 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	0.00057	< 0.0002
Phenanthrene	mg/L	-	0.0018 J	< 0.0064	< 0.0001	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	0.00029 J	0.00022 J	0.000151	0.000155	0.000159	0.00012	0.00013 BJ	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	1.21	< 0.6	< 0.1	< 2	< 2	< 2	< 2	1.5 J	< 2
o-Xylene	µg/L	-	< 2	< 2	< 1	< 1	< 1	< 1	< 1	0.11 J	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-02 Analyte	Unit	Remediation Objective (RO)	Result 8/13/2019	Result 11/14/2019	Result (DUP) 11/14/2019	Result 2/19/2020	Result 5/14/2020	Result (DUP) 5/14/2020	Result 8/14/2020	Result 11/11/2020	Result (DUP) 11/11/2020	Result 2/24/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	0.000085 J	0.00017	0.000165	< 0.0001 B	< 0.000254	< 0.000254	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 0.0001	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000169	< 0.000169	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.0377	0.00335	0.00349	0.00726	< 0.00169 C	< 0.00169 C	0.0225 C	< 0.002 C	< 0.002 C	0.00364 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 0.0001	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00847	< 0.00847	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000254	< 0.000254	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000169	< 0.000169	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001 B	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 0.0001	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00847	< 0.00847	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00847	< 0.00847	< 0.01	< 0.0004	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	0.000268	< 0.0002	< 0.000339	< 0.000339	< 0.0004	< 0.01	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000508	< 0.000508	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	0.00014 J	0.00012	< 0.0002 B	< 0.000169	< 0.000169	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	1.6 J	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2 B	< 2 B
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
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Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-02 Analyte	Unit	Remediation Objective (RO)	Result 5/13/2021	Result 8/11/2021	Result 11/9/2021	Result 2/16/2022	Result 5/10/2022	Result 9/8/2022	Result 11/30/2022	Result (DUP) 11/30/2022	Result 2/15/2023	Result 5/16/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00008 J	0.00171 H
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00043	0.0036 H
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.000269	< 0.0003 H
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.00009	< 0.0001 H
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000179	< 0.0002 H
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	0.000074 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.00009	< 0.0001 H
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000179	< 0.0002 H
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.00009	< 0.0001 H
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00206	0.0195	< 0.002 B	< 0.002	< 0.002	0.0108 S	< 0.002	< 0.002	0.00431	< 0.002 H
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.00009	< 0.0001 H
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000179	< 0.0002 H
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00896	< 0.01 H
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.000269	< 0.0003 H
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	0.000325	0.00016 JH
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000179	< 0.0002 H
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00896	< 0.01 H
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00896	< 0.0004 H
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	0.00448	< 0.01 H
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.000537	< 0.0006 H
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000179	< 0.0002 H
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.23	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.53 J	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	0.35 J	< 1	< 1	< 1	< 1	< 1	0.36 J	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2	0.47 J	0.46 BJ	7.22	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1.21	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	0.15 J	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	0.35 J	< 2	< 2	< 2	< 2	< 2	1.6 J	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-03 Analyte	Unit	Remediation Objective (RO)	Result 3/4/2015	Result 5/12/2015	Result 8/18/2015	Result 11/3/2015	Result (DUP) 11/3/2015	Result 2/17/2016	Result 5/25/2016	Result 8/17/2016	Result (DUP) 8/17/2016	Result 11/15/2016
Acenaphthene	mg/L	0.42	< 0.01	0.00042 J	0.00037 J	0.00012 J	0.00016 J	0.00041 J	0.00091 J	0.00079 J	0.001 J	0.00051 J
Acenaphthylene	mg/L	-	0.00036 J	0.0021 J	0.0017 J	0.00057 J	0.0009 J	0.002 J	0.0045 J	0.0033 J	0.0044 J	0.0024 J
Anthracene	mg/L	2.1	0.0001 J	0.00011 J	0.0001 J	0.00011 J	0.00012 J	0.00011 J	< 0.0066	0.00013 J	0.00013 J	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00007 J	0.00006 J	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	0.00433	0.00502	0.0014 J	0.00248	0.0011 J	---	---	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	0.00062 J	0.00064 J	0.00073 J	0.00094 J	0.00098 J	0.0011 J	0.00048 J	0.001 J	0.00095 J	0.0011 J
Fluorene	mg/L	0.28	0.0001 J	0.00036 J	0.00043 J	0.00015 J	0.00019 J	0.0004 J	0.001 J	0.0009 J	0.0011 J	0.0006 J
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	0.00016 B	0.00039	0.00015	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	0.00015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	0.00011 J	0.00016 J	< 0.0064	0.00011 J	0.00011 J	0.00014 J	0.00022 J	0.00032 J	0.00038 J	0.0003 J
Pyrene	mg/L	0.21	0.00073 J	0.00078 J	0.00095 J	0.0012 J	0.0013 J	0.0014 J	0.0007 J	0.0016 J	0.0015 J	0.0017 J
Benzene	µg/L	5.0	2.34	14.4	22.8	2.16	2 J	16.8	34.6	15.7	14.5	6.65
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 10	< 2	< 2	< 2
Ethylbenzene	µg/L	700	0.29 J	7.44	4.89	0.46 J	0.58 J	4.46	11.6	6.24	5.39	0.76 J
m,p-Xylenes	µg/L	-	3.3 J	66.5	70	1.1 J	1.3 J	41.4	103	34.1	30.7	4.22
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	1.7 B	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	50.6	216	334	20.5	20.5	302	921	439	474	195
o-Xylene	µg/L	-	3.62	41.4	48.1	1.8 J	2.11	45.6	95.3	36.7	33.3	9
Toluene	µg/L	1000	0.66 J	14	8.28	0.31 J	0.37 J	7.98	20.8	7.68	6.74	0.83 J
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 25	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	6.91	108	118	3 J	3.4 J	87	198	70.8	64.1	13.2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-03 Analyte	Unit	Remediation Objective (RO)	Result 2/16/2017	Result (DUP) 2/16/2017	Result 5/16/2017	Result (DUP) 5/16/2017	Result 8/18/2017	Result 11/21/2017	Result 2/15/2018	Result 5/9/2018	Result 8/14/2018	Result 11/7/2018
Acenaphthene	mg/L	0.42	0.00022 J	0.0002 J	0.00068 J	0.00064 J	0.00027 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	0.00084 J	0.00085 J	0.0028 J	0.0033 J	0.0015 J	0.000147	0.000072 J	0.000065 J	0.000143	0.000083 J
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	0.00019 J	0.00022 J	0.00016 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	0.00007 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000055 J	0.000096 J
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000072 J
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00005 J	0.000101
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000051 J
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	---	0.0018 J	0.0021	0.0107	< 0.006	0.00892	0.00306	< 0.002	0.00266
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000076 J
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	---	---	---	---
Fluoranthene	mg/L	0.28	0.0011 J	0.001 J	0.0019 J	0.0021 J	0.00225	0.00162	0.000884	0.00109	0.00103	0.000901
Fluorene	mg/L	0.28	0.0003 J	0.00035 J	0.001 J	0.0013 J	0.00059 J	0.000122	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	0.00012 J	0.00082 J	0.00081 J	< 0.0064	0.000154	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	0.0017 J	0.0016 J	0.00284	0.00325	0.00359	0.00279	0.00034	0.00124	0.00155	0.00118
Benzene	µg/L	5.0	4.52	4.92	18.7	20.8	4.99	0.75	< 0.5	2.55	0.16 J	0.41 J
Bromoform	µg/L	1.0	< 2	< 2	< 10	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	0.3 J	0.32 J	11.8	14.3	0.72 J	< 1	< 1	0.2 J	< 1	< 1
m,p-Xylenes	µg/L	-	0.53 J	0.55 J	51.8	63.8	2.5 J	< 1	0.3 J	2.27	< 1	0.31 J
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 1	< 0.2	< 0.2	< 0.5	0.33 J	< 2	< 2	< 2
Naphthalene	µg/L	140	22.2	23.6	554	370	67.7	1.05	< 2	8.12	< 2	1.8 J
o-Xylene	µg/L	-	4.12	4.31	54.6	64.5	6.13	< 1	0.31 J	3.45	0.13 J	1.02
Toluene	µg/L	1000	< 2	< 2	21.6	26.8	0.92 J	< 2	0.47 J	0.54 J	0.16 J	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 25	< 5	< 5	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	4.65	4.86	106	128	8.6	< 1	0.61 J	5.72	< 1	1.33

Notes:
B = Analyte detected in associated method blank
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Yellow = Exceeds RO for Class I Groundwater Ingestion
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All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
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Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-03 Analyte	Unit	Remediation Objective (RO)	Result 2/20/2019	Result 5/8/2019	Result 8/13/2019	Result 11/14/2019	Result 2/19/2020	Result 5/12/2020	Result 8/14/2020	Result 11/10/2020	Result 2/24/2021	Result (DUP) 2/24/2021
Acenaphthene	mg/L	0.42	< 0.0001	0.000624	0.000792	0.00122	0.000844	0.00117	0.00139	0.000473	0.00078	0.000795
Acenaphthylene	mg/L	-	0.00018	0.00247	0.00229	0.00563	0.00292	0.0042 J	0.00501	0.00183	0.00346	0.00309
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	0.000163	0.00013	0.000154	0.00017 J	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000082	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	0.00006 J	< 0.0001	< 0.0001	< 0.000082	< 0.0001	< 0.0001	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	0.000133	< 0.0001	< 0.0001	< 0.000082	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0002	0.00018 J	< 0.0002	< 0.0002	< 0.000164	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000082	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	0.00655	0.00207	< 0.05	0.0109	< 0.00164 C	0.0461 C	< 0.002 C	0.00316	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000082	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000082	< 0.0001	< 0.0001	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	---	---	< 0.01	< 0.01	< 0.01	< 0.0082	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	0.000626	0.00089	0.000664	0.00101	0.000421	0.000306	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	0.000828	0.00113	0.00244	0.00186	0.00274	0.00314	0.0012	0.00228	0.00235
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	0.00031	< 0.0001	0.000081 J	< 0.000082	0.000071 J	< 0.0001	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	---	---	0.00057 J	< 0.01	< 0.01	< 0.0082	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	0.00094 J	< 0.01	< 0.01	< 0.0082	< 0.01	< 0.0100	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	0.542	0.00132	0.597	0.153	0.521	0.587	0.128	0.239	0.181
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	0.000653	0.000613	0.000971	0.0011	0.000605	0.001080	0.000925
Pyrene	mg/L	0.21	0.000953 B	0.00155	0.00109	0.00183	0.000819	0.000661	0.000298	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	3.71	43.9	30.2	10.8	24	50.1	47.1	16.2	23.6	22.8
Bromoform	µg/L	1.0	< 2	< 2	< 20	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	0.14 J	23.8	7.3 J	3.81	12.7	42.6	40.5	21.6	32.4	31.6
m,p-Xylenes	µg/L	-	2.65	124	83.1	22.8	41.6	135	76	9.33	25.8	25.5
Methylene chloride	µg/L	5.0	< 2	< 2	< 20	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	26.9	606	1020	674	654	1000	842	924	421	425
o-Xylene	µg/L	-	5.56	112	86.8	28.6	52.2	124	107	31	41.7	40.7
Toluene	µg/L	1000	0.29 J	43.4	11 J	2.68	6.2	21.8	11.5	2.34	5.63	5.52
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 20	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	8.21	237	170	51.3	93.9	259	183	40.4	67.5	66.2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
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Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-03 Analyte	Unit	Remediation Objective (RO)	Result 5/13/2021	Result 8/11/2021	Result 11/9/2021	Result 2/16/2022	Result 5/12/2022	Result 9/8/2022	Result (DUP) 9/8/2022	Result 11/30/2022	Result 2/15/2023	Result 5/18/2023
Acenaphthene	mg/L	0.42	0.000597	0.000938	0.000681	0.00064	0.00114	0.000699	0.000717	0.000207	0.00243	0.000196 H
Acenaphthylene	mg/L	-	0.00245	0.00292	0.00242	0.00245	0.00419	0.00275	0.00276	0.00093	0.00427	0.000914 H
Anthracene	mg/L	2.1	< 0.0003	0.00024 J	0.00023 J	< 0.0003	0.00025 J	< 0.0003	< 0.0003	< 0.0003 S	< 0.0003	< 0.0003 H
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.0018 J	< 0.002	0.0019 BJ	0.00277	0.0029	0.0018 J	0.0015 J	< 0.002 S	0.00314	< 0.002 H
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01 S	< 0.01	< 0.01 H
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003 S	< 0.0003	< 0.0003 H
Fluorene	mg/L	0.28	0.00159	0.00262	0.00178	0.00175	0.0029	0.00188	0.00184	0.000851	< 0.0002	0.000606 H
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 S	< 0.0002	< 0.0002 H
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01 H
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.0128 H
Naphthalene	mg/L	0.14	0.202 S	0.157	0.129	0.0873	0.329 S	0.114	0.133	0.0112 S	0.0004 J	< 0.01 H
Phenanthrene	mg/L	-	0.000769	0.00127	0.000785	0.000776	0.00143	0.00109	0.00103	< 0.0006 S	< 0.0006	< 0.0006 H
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 S	< 0.0002	< 0.0002 H
Benzene	µg/L	5.0	10.4	24.2	11.2	13.3	24.6	8.58	11	2.46 S	< 0.5	5.6
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 20	< 2	< 2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	12.5	37.9	13.2	15.9	27.7	9.77	15	0.4 JS	< 1	3.95
m,p-Xylenes	µg/L	-	6.19	16.4	3.16	3.42	31.9	1.57	2.01	0.32 JS	< 1	2.5
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 20	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	285 E	511	224	161	375	143	192	13.3	0.54 J	37.8
o-Xylene	µg/L	-	15.7	38	13.8	12.5	40.2	8.35	11	1.51 S	< 1	6.58
Toluene	µg/L	1000	1.3 J	4.37	2 J	1.1 J	9.3 J	0.74 J	1 J	0.14 JS	< 2	0.9 J
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 20	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	21.9	54.4	17	15.9	72.1	9.92	13	1.8 JS	< 2	9.08

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-04 Analyte	Unit	Remediation Objective (RO)	Result 3/3/2015	Result 5/13/2015	Result 8/19/2015	Result 11/3/2015	Result 2/17/2016	Result 5/25/2016	Result 8/17/2016	Result 11/15/2016	Result 2/15/2017	Result 5/16/2017
Acenaphthene	mg/L	0.42	0.0011 J	0.002 J	0.0037 J	0.0027 J	0.0036 J	0.003 J	0.0043 J	0.0062 J	0.0054 J	0.0045 J
Acenaphthylene	mg/L	-	0.0049 J	0.0044 J	0.0073 J	0.0052 J	0.0061 J	0.0069 J	0.0095 J	0.0074 J	0.0053 J	0.0037 J
Anthracene	mg/L	2.1	0.0029 J	0.0011 J	0.0015 J	0.0015 J	0.0012 J	0.00081 J	0.00093 J	0.0012 J	0.0016 J	0.001 J
Benzo(a)anthracene	mg/L	0.00013	0.00022	0.00014	0.00024	0.00013	0.00016	0.0001 J	0.00012	0.00016	0.00017	0.000121
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	0.00012	0.00012	0.00025	< 0.0001	0.0001	0.00011	< 0.0001	0.00014	0.00012	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	---	---	---	---	< 0.002
Chrysene	mg/L	0.0015	0.00031	0.0004	0.00084	0.00016	0.0003	0.00022	0.0002	0.00048	0.00028	0.000207
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	0.0018 J	0.00242	0.00402	0.0018 J	0.00261	0.0018 J	0.00228	0.00357	0.00237	0.0018 J
Fluorene	mg/L	0.28	0.02	0.0239	0.0461	0.035	0.0396	0.0384	0.0467	0.0559	0.0447	0.0294
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	0.00325	0.012	0.0111	0.00118	0.00569	---	---	---	---	---
o-Cresol	mg/L	0.35	0.0244	0.0241	0.0149	0.00553	0.013	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	0.0157	0.023	0.0338	0.0271	0.0197	0.0236	0.0283	0.0442	0.0313	0.0198
Pyrene	mg/L	0.21	0.00085 J	0.0012 J	0.0018 J	0.00083 J	0.00098 J	0.00071 J	0.00097 J	0.0016 J	0.0012 J	0.00084 J
Benzene	µg/L	5.0	1270	1380	400	947	526	1110	547	519	1680	1750
Bromoform	µg/L	1.0	< 20	< 20	< 20	< 20	< 20	< 40	< 40	< 2	< 100	< 100
Ethylbenzene	µg/L	700	137	148	122	156	154	191	139	169	200	260
m,p-Xylenes	µg/L	-	75.7	101	68.9	79.3	81	144	108	124	200 J	170 J
Methylene chloride	µg/L	5.0	< 2	2.6	2.2	< 2	3.2	33.8 B	7.2	0.2	< 10	< 10
Naphthalene	µg/L	140	1350	1500	3140	2050	2480	2330	3390	2240	1960	2120
o-Xylene	µg/L	-	125	130	122	131	132	139	122	147	169	183
Toluene	µg/L	1000	138	191	131	219	165	518	301	249	553	316
trans-1,2-Dichloroethene	µg/L	100	< 50	< 50	< 50	< 50	< 50	< 100	< 100	< 5	< 250	< 250
Xylenes, Total	µg/L	10000	200	231	191	210	213	282	230	271	368	352

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
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Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-04 Analyte	Unit	Remediation Objective (RO)	Result 8/17/2017	Result 11/22/2017	Result 2/15/2018	Result 5/8/2018	Result 8/14/2018	Result 11/7/2018	Result (DUP) 11/7/2018	Result 2/20/2019	Result 5/8/2019	Result 8/14/2019
Acenaphthene	mg/L	0.42	0.00789	0.00727	0.00737	0.0077	0.0139	0.0109	0.0108	0.0252	0.0165	0.0161
Acenaphthylene	mg/L	-	0.00633	0.00302	0.00178	0.00337	0.00913	0.0047	0.00445	0.0073 J	0.00597	0.0049
Anthracene	mg/L	2.1	0.0013 J	0.000558	0.000714	0.000411	0.00108	< 0.0025	0.0018 J	0.00106	0.000475	0.000814
Benzo(a)anthracene	mg/L	0.00013	0.000164	0.00017	0.00022	0.000117	0.00018	< 0.0025	< 0.0025	0.000147	0.000108	0.000185
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0025	< 0.0025	< 0.0001	< 0.0001	0.000085 J
Benzo(b)fluoranthene	mg/L	0.00018	0.00011	0.000168	0.000215	0.000106	0.000162	< 0.0025	< 0.0025	0.000164	0.000087 J	0.000191
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.0001	0.000071 J	< 0.0001	0.000052 J	< 0.0025	< 0.0025	0.00005 J	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	0.00006 J	< 0.0001	< 0.0001	< 0.0025	< 0.0025	0.000052 J	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.0017 J	< 0.006	< 0.002	< 0.002	< 0.002	< 0.05	< 0.05	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	0.000288	0.000515	0.000732	0.000384	0.000554	< 0.0025	< 0.0025	0.000419	0.000317	0.000353
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0025	< 0.0025	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	---	---	---	---	---	---	---	---	< 0.01
Fluoranthene	mg/L	0.28	0.00404	0.00385	0.00305	0.00337	0.00392	< 0.005	< 0.005	0.00308	0.00283	0.00287
Fluorene	mg/L	0.28	0.0513	0.039	0.0466	0.0374	0.0644	0.0505	0.0507	0.0837	0.0519	0.0495
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	0.000106	0.00008 J	< 0.0001	0.000084 J	< 0.0025	< 0.0025	< 0.0001	< 0.0001	0.000178
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	< 1
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	< 1
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	1.14	1.59
Phenanthrene	mg/L	-	0.0453	0.0398	0.0247	0.0355	0.0513	0.0447	0.045	0.0734	0.0406	0.0406
Pyrene	mg/L	0.21	0.0021 J	0.00181	0.00156	0.00168	0.00187	< 0.005	< 0.005	0.0014 B	0.00128	0.0014
Benzene	µg/L	5.0	599	565	355	979	630	958	871	1300	753	590
Bromoform	µg/L	1.0	< 100	< 100	< 20	< 20	< 40	< 200	< 200	< 2	< 2	< 40
Ethylbenzene	µg/L	700	145	128	70.9	103	132	182	177	223	203	187
m,p-Xylenes	µg/L	-	140 J	102	64.8	110	146	173	155	276	247	149
Methylene chloride	µg/L	5.0	< 10	50.5	< 5	< 20	< 40	< 200	< 200	< 2	< 2	< 40
Naphthalene	µg/L	140	2220	1790	1440	2670 E	3970	3680	3690	4580	4190	3740
o-Xylene	µg/L	-	131	104	59.7	94.5	132	151	139	185	167	121
Toluene	µg/L	1000	284	264	140	316	267	297	281	728	537	308
trans-1,2-Dichloroethene	µg/L	100	< 250	< 100	< 20	< 20	< 40	< 200	< 200	< 2	< 2	< 40
Xylenes, Total	µg/L	10000	276	206	124	205	278	324	294	461	414	270

Notes:
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Yellow = Exceeds RO for Class I Groundwater Ingestion
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Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-04 Analyte	Unit	Remediation Objective (RO)	Result (DUP) 8/14/2019	Result 11/13/2019	Result (DUP) 11/13/2019	Result 2/18/2020	Result 5/13/2020	Result 8/13/2020	Result 11/10/2020	Result 2/24/2021	Result 5/13/2021	Result (DUP) 5/13/2021
Acenaphthene	mg/L	0.42	0.0148	0.0251	0.0226	0.0133	0.0212	0.0284	0.0148	0.0175	0.026	0.026
Acenaphthylene	mg/L	-	0.00482	0.00739	0.0056 J	0.00336	< 0.000075	0.00407	0.00144	0.00147	0.00229	0.00303
Anthracene	mg/L	2.1	0.000711	0.00173	0.00146	0.000775	< 0.000226	0.000868	0.000536	0.000792	0.000654	0.00109
Benzo(a)anthracene	mg/L	0.00013	0.000131	0.000278	0.000302	0.000102	0.000086	0.000113	0.000142	0.000133	0.000186	0.000261
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.01	0.000061 J	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	0.000132	< 0.01	0.000315	0.0001	0.000059 J	< 0.0001	0.000139	0.000120	0.000229	0.000376
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.02	0.00017 J	< 0.0002	< 0.00015	< 0.0002	0.00005 J	< 0.00020	< 0.00020	0.00019 J
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.01	0.000093 J	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	0.000077 J	0.000124
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0015 C	< 0.002 C	< 0.002 C	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	0.000322	0.000795	0.000912	0.000284	0.000235	0.000313	0.000401	0.000334	0.000493	0.000747
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.01	0.000062 J	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	0.002 J	< 0.01	< 0.00752	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	0.00278	0.00616	< 0.02	0.00349	0.00315	0.00366	0.00265	0.0029	0.00334	0.0045
Fluorene	mg/L	0.28	0.0434	0.0857	0.0788	0.0464	0.0694	0.0777	0.0399	0.0607	0.0733	0.0735
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	0.000102	< 0.01	0.000166	0.000092 J	< 0.000075	0.000073 J	< 0.0001	< 0.0002	< 0.0002	0.00018 J
m,p-Cresol	mg/L	-	< 1	< 0.01	< 1	< 1	0.0017 J	0.0081 J	0.00075 J	0.0086 J	0.0164	0.022
o-Cresol	mg/L	0.35	< 1	< 0.01	< 1	< 1	< 0.752	0.0161	< 0.0100	0.0123	0.0209	0.0244
Naphthalene	mg/L	0.14	3.23	2.53	2.99	1.37	1.69	1.89	1.50	1.53	1.82	1.86
Phenanthrene	mg/L	-	< 0.04	0.079	0.0674	0.0422	0.0537	0.0681	0.0383	0.0576	0.0674	0.0647
Pyrene	mg/L	0.21	0.0013	0.00261	0.00308	0.00161	0.00141	0.00176	0.00143	0.00149	0.00143	0.00219
Benzene	µg/L	5.0	618	495	506	535 S	739	450	399	632	341	775
Bromoform	µg/L	1.0	< 40	< 2	< 2	< 2	< 20	< 2	< 2	< 2	< 100	< 20
Ethylbenzene	µg/L	700	195	190	187	173	246	200	180	155	104	216
m,p-Xylenes	µg/L	-	156	156	157	159	204	192	168	165	80.5	158
Methylene chloride	µg/L	5.0	< 40	< 2	< 2	< 2	< 20	< 2	< 2	< 2	< 100	< 20
Naphthalene	µg/L	140	4050	3710	3790	3570	5560	4700 E	4130	2790	1510	3150
o-Xylene	µg/L	-	125	124	130	115	154	135	192	140	67	137
Toluene	µg/L	1000	324	244	243	312 S	579	407	125	208	184	409
trans-1,2-Dichloroethene	µg/L	100	< 40	< 2	< 2	< 2	< 20	< 2	< 2	< 2	< 100	< 20
Xylenes, Total	µg/L	10000	281	280	287	274	358	327	359	304	148	295

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
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Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-04 Analyte	Unit	Remediation Objective (RO)	Result 8/12/2021	Result - DUP 8/12/2021	Result 11/9/2021	Result 2/17/2022	Result - DUP 2/17/2022	Result 5/12/2022	Result - DUP 5/12/2022	Result 9/8/2022	Result 11/30/2022	Result 2/15/2023
Acenaphthene	mg/L	0.42	0.022	0.0239	0.0274	0.0316	0.0348	0.0339	0.0437	0.0404	0.00135	0.0348
Acenaphthylene	mg/L	-	0.00618	0.00584	0.00531	0.00244	0.0029	0.00893	0.0101	0.00446	0.00447	0.00218
Anthracene	mg/L	2.1	0.000745	0.000691	0.00093	0.0012	0.000864	< 0.0003	< 0.0003	0.000749	0.00241	0.000925
Benzo(a)anthracene	mg/L	0.00013	0.000158	0.000173	0.000214	0.000104	0.000085 J	< 0.0001	0.000115	0.00009 J	0.00194	0.00015
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	0.00012 J	< 0.0002	0.00017 J	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	0.000125	0.000192	0.000226	< 0.0001	0.000084 J	< 0.0001	0.000128	< 0.0001	0.00252	0.000101
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	0.000544	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	0.00007 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000697	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002 B	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	0.002 J	< 0.002
Chrysene	mg/L	0.0015	0.000491	0.000501	0.000754	0.0002	0.000196	0.00013	0.00022	0.000241	0.00674	0.000513
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	0.000256	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	0.00379	0.00404	0.00397	0.00375	0.00357	0.00289	0.00383	0.00414	0.021	0.00489
Fluorene	mg/L	0.28	0.0689	0.0776	0.07	0.0906	0.0765	0.0847	0.104	0.0853	0.0841	0.08
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	0.000588	< 0.0002
m,p-Cresol	mg/L	-	0.007 J	0.0083 J	< 0.01	0.0023 J	0.0018 J	0.0046 J	0.0068 J	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	0.0095 J	0.0074 J	< 0.01	0.0059 J	0.0035 J	0.058 J	0.008 J	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	1.62	1.75	2.43	1.82	1.82 J	2.77	3.54	2.8	1.5	1.83
Phenanthrene	mg/L	-	0.0562	0.0609	0.0542	0.0801	0.075	0.0715	0.0888	0.0799	0.142	0.0722
Pyrene	mg/L	0.21	0.00184	0.00184	0.0019	0.00177	0.00174	0.00131	0.00184	0.00176	0.0124	0.00208
Benzene	µg/L	5.0	652	658	798	1150	1180	1100	1070	670	895	609
Bromoform	µg/L	1.0	< 100	< 2	< 200	< 2	< 2	< 100	< 100	< 20	< 2	< 10
Ethylbenzene	µg/L	700	235	243	331	476	500	312	330	249	304	250
m,p-Xylenes	µg/L	-	135	146	166	108	104	225	229	112	56.6	63.5
Methylene chloride	µg/L	5.0	< 100	< 2	< 200	< 2	< 2	< 100	< 100	< 20	< 20	< 100
Naphthalene	µg/L	140	3020	3020	3520	2530	2620	3550	3350	3540	2340	2380
o-Xylene	µg/L	-	108	118	178	241	244	176	184	157	187	136
Toluene	µg/L	1000	256	255	216	90.5	94.6	338	357	104	100	72 J
trans-1,2-Dichloroethene	µg/L	100	< 100	< 2	< 200	< 2	< 2	< 100	< 100	< 20	< 20	< 100
Xylenes, Total	µg/L	10000	243	265	344	350	347	400	412	269	243	199

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
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S = Spike Recovery outside recovery limits
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Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-04		Remediation	Result - DUP-003	Result	Result - DUP	Result	Result - DUP	Result	Result - DUP				
Analyte	Unit	Objective (RO)	2/15/2023	5/18/2023	5/18/2023	9/13/2023	9/13/2023	10/27/2023	10/27/2023				
Acenaphthene	mg/L	0.42	0.0334	0.0190	H	0.0241	H	0.0290	0.0299	0.0330	0.0373		
Acenaphthylene	mg/L	-	0.00195	0.000868	H	0.00117	H	0.00144	0.00154	0.00163	0.00183		
Anthracene	mg/L	2.1	0.000616	0.000346	H	0.000476	H	0.000854	0.000802	0.00092	0.00135		
Benzo(a)anthracene	mg/L	0.00013	0.000109	< 0.0001	H	0.000072	JH	0.000096	J	0.000570	0.000620		
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	H	< 0.0002	H	< 0.0002	< 0.0002	< 0.0002	< 0.0002		
Benzo(b)fluoranthene	mg/L	0.00018	0.00007	< 0.0001	H	< 0.0001	H	< 0.0001	< 0.0001	0.000557	0.000591		
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	H	< 0.0002	H	< 0.0002	< 0.0002	< 0.0002	< 0.0002		
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	H	< 0.0001	H	< 0.0001	< 0.0001	0.000116	0.000139		
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	H	< 0.002	H	< 0.002	< 0.002	< 0.002	< 0.002		
Chrysene	mg/L	0.0015	0.000385	0.00021	H	0.00017	H	0.000209	0.000187	0.00217	0.00233		
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	H	< 0.0002	H	< 0.0002	< 0.0002	< 0.0002	< 0.0002		
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	H	< 0.01	H	< 0.01	< 0.01	< 0.01	< 0.01		
Fluoranthene	mg/L	0.28	0.00457	0.00257	H	0.00276	H	0.00460	0.00444	0.00893	< 0.015		
Fluorene	mg/L	0.28	0.0801	0.0397	H	0.0537	H	0.0616	0.0538	0.0573	0.0802		
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	H	< 0.0002	H	< 0.0002	< 0.0002	< 0.0002	< 0.0002		
m,p-Cresol	mg/L	-	< 0.01	< 0.01	H	< 0.01	H	< 0.01	< 0.01	0.00079	J	0.001	J
o-Cresol	mg/L	0.35	< 0.01	< 0.0004	H	0.398	H	0.410	0.446	0.343	0.414		
Naphthalene	mg/L	0.14	1.86	0.00090	JH	0.00098	JH	< 0.01	< 0.01	< 0.01	0.001	J	
Phenanthrene	mg/L	-	0.0735	0.0148	H	0.0461	H	0.0694	< 0.15	0.0669	0.0915		
Pyrene	mg/L	0.21	0.00203	0.000948	H	0.00102	H	0.00225	0.00227	0.00411	0.00465		
Benzene	µg/L	5.0	612	341	364	235	241	241	241	346	392		
Bromoform	µg/L	1.0	< 0.2	< 2	< 10	< 2	< 2	< 2	< 2	< 2	< 0.2		
Ethylbenzene	µg/L	700	250	186	184	144	144	144	144	117	159		
m,p-Xylenes	µg/L	-	64.5	39.3	48	J	19.1	20.8	20.8	14.7	19.7		
Methylene chloride	µg/L	5.0	< 2	38.3	< 100	< 20	< 20	10	J	< 20	< 2		
Naphthalene	µg/L	140	2490	1580	1480	814	740	740	740	510	531		
o-Xylene	µg/L	-	148	93.4	100	80.3	82.1	82.1	82.1	62	80.8		
Toluene	µg/L	1000	70.8	30.5	42	J	14	J	15	24.8	34.8		
trans-1,2-Dichloroethene	µg/L	100	< 2	< 20	< 100	< 20.0	< 20	< 20	< 20	< 20	< 2		
Xylenes, Total	µg/L	10000	213	133	148	99.4	103	103	103	76.7	101		

Notes:
B = Analyte detected in associated method blank
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Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-05 Analyte	Unit	Remediation Objective (RO)	Result 3/4/2015	Result (DUP) 3/4/2015	Result 5/13/2015	Result (DUP) 5/13/2015	Result 8/19/2015	Result 11/4/2015	Result (DUP) 11/4/2015	Result 2/18/2016	Result 5/26/2016	Result 8/18/2016	Result (DUP) 8/18/2016
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	S < 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	S < 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	S < 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	S < 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.0195	0.00664	0.0163	0.0089	0.00718	0.00763	0.00558	0.00351	---	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	S < 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	S < 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001	B < 0.0001	B < 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	0.0001 J	< 0.0064	< 0.0064	< 0.0064	< 0.0064	S < 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	S < 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	B < 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	6.55	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
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Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter
H=Laboratory hold times exceeded. GW-05 and GW-07 reanalyzed for Napthalene at ERM request after laboratory instrument carryover suspected from GW-04R sample.

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-05 Analyte	Unit	Remediation Objective (RO)	Result 11/16/2016	Result (DUP) 11/16/2016	Result 2/15/2017	Result 5/17/2017	Result (DUP) 5/17/2017	Result 8/17/2017	Result 11/21/2017	Result 2/14/2018	Result 5/9/2018	Result 8/13/2018
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	0.00008 J
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000094 J
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000079 J
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000066 J
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001	0.000045 J
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	---	---	0.00861	0.011	0.013	0.00907	0.0218	0.0122	0.00256
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000062 J
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	0.0001 J	< 0.0001 B	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	0.00013 B	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5	< 0.5	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.0001	< 2	< 2	0.81 J
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
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Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter
H=Laboratory hold times exceeded. GW-05 and GW-07 reanalyzed for Napthalene at ERM request after laboratory instrument carryover suspected from GW-04R sample.

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-05 Analyte	Unit	Remediation Objective (RO)	Result 11/7/2018	Result 2/20/2019	Result 5/7/2019	Result 8/14/2019	Result 11/14/2019	Result 2/20/2020	Result 5/12/2020	Result 8/13/2020	Result (DUP) 8/13/2020	Result 11/11/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000056 J	< 0.000078	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	0.000051 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000233	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	0.000197	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	0.000097 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	0.000206	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	0.000084 J	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000155	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00287	0.0049	0.0103	0.00671	0.0089	< 0.002	0.0101	0.00227 C	0.00286 C	0.00845 S
Chrysene	mg/L	0.0015	< 0.0001	0.000268	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00775	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	0.000204	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000233	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	0.000141	< 0.0001	< 0.0001	< 0.0001	0.000158	< 0.000155	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	0.000088 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00775	< 0.01	< 0.01	< 0.01 R
o-Cresol	mg/L	0.35	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00775	< 0.01	< 0.01	< 0.0100 SR
Naphthalene	mg/L	0.14	---	---	< 0.0002	0.000214	0.000404	0.00366	0.00103	< 0.0004	< 0.0004	0.00159 S
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000465	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	0.00017 BJ	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000155	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	0.41 J	< 0.5	< 0.5	0.22 J	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	0.31 J	< 1	< 1	0.2 J	< 1	< 1	< 1	< 1	0.25 J
m,p-Xylenes	µg/L	-	< 1	0.35 J	< 1	< 1	0.19 J	0.18 J	< 1	< 1	< 1	0.29 J
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	35.9	< 2	0.49 J	< 2	46.6	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	0.23 J	< 1	< 1	0.13 J	0.11 J	< 1	< 1	< 1	0.17 JS
Toluene	µg/L	1000	< 2	0.4 J	< 2	< 2	0.17 J	0.17 J	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	0.58 J	< 2	< 2	0.32 J	0.29 J	< 2	< 2	< 2	0.46 J

Notes:

B = Analyte detected in associated method blank

J = Analyte detected below quantitation limits

C = RL shown is a client requested quantitation limit

E = Value above quantitation range

S = Spike Recovery outside recovery limits

R = RPD outside accepted recovery limits

Yellow = Exceeds RO for Class I Groundwater Ingestion

< = Compound not detected at concentrations above the laboratory reporting detection limit.

The laboratory reporting detection limit is shown.

Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion

All analyses performed by Teklab, Inc.

mg/L = milligrams per liter

µg/L = micrograms per liter

H=Laboratory hold times exceeded. GW-05 and GW-07 reanalyzed for Napthalene at ERM request after laboratory instrument carryover suspected from GW-04R sample.

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-05 Analyte	Unit	Remediation Objective (RO)	Result 2/24/2021	Result 5/11/2021	Result 8/12/2021	Result 11/9/2021	Result 2/15/2022	Result 5/10/2022	Result 9/7/2022	Result 11/29/2022	Result 2/13/2023	Result 5/16/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000075 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.0087	0.00374	0.00627	0.00213 B	< 0.0002	< 0.0002	0.0017 J	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	0.00111	< 0.0004	0.00194	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.01
Phenanthrene	mg/L	-	0.000838	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	0.000221	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	0.18 J	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	0.22 J	< 1	< 1	1.21	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	0.2 J	< 1	< 1	0.99 J	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2 H	< 2	1 J	< 1	1 J	0.49 BJ	< 2
o-Xylene	µg/L	-	0.14 J	< 1	< 1	0.74 J	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	0.12 J	< 2	< 2	0.3 J	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	0.34 J	< 2	< 2	< 2	1.7 J	< 2	< 2	< 2	< 2	< 2

Notes:

B = Analyte detected in associated method blank

J = Analyte detected below quantitation limits

C = RL shown is a client requested quantitation limit

E = Value above quantitation range

S = Spike Recovery outside recovery limits

R = RPD outside accepted recovery limits

Yellow = Exceeds RO for Class I Groundwater Ingestion

< = Compound not detected at concentrations above the laboratory reporting detection limit.

The laboratory reporting detection limit is shown.

Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion

All analyses performed by Teklab, Inc.

mg/L = milligrams per liter

µg/L = micrograms per liter

H=Laboratory hold times exceeded. GW-05 and GW-07 reanalyzed for Napthalene at ERM request after laboratory instrument carryover suspected from GW-04R sample.

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-05 Analyte	Unit	Remediation Objective (RO)	Result - DUP 5/16/2023	Result 9/13/2023	Result - DUP 9/13/2023	Result 10/25/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00262	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.0004	0.000663	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.01	< 0.01	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 0.2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	0.31 J	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	1.4 J	11	0.93 J
o-Xylene	µg/L	-	< 1	< 1	0.2 J	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter
H=Laboratory hold times exceeded. GW-05 and GW-07 reanalyzed for Napthalene at ERM request after laboratory instrument carryover suspected from GW-04R sample.

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-07 Analyte	Unit	Remediation Objective (RO)	Result 3/3/2015	Result 5/11/2015	Result 8/18/2015	Result (DUP) 8/18/2015	Result 11/2/2015	Result 2/16/2016	Result (DUP) 2/16/2016	Result 5/25/2016	Result 8/17/2016
Acenaphthene	mg/L	0.42	< 0.01	< 0.00263	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	0.00013 J	< 0.00263	0.00011 J	0.00012 J	< 0.01	0.00011 J	0.0001 J	< 0.01	< 0.01
Anthracene	mg/L	2.1	0.00097 J	0.00071 J	0.00084 J	0.00089 J	0.00068 J	0.00073 J	0.00069 J	0.00054 J	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	0.0002	0.00026	0.00019	0.0002	0.00018	0.00018	0.00018	0.00015	0.00007 J
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00026	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00224	0.0102	0.00429	0.00232	0.00315	0.00209	0.0013 J	---	---
Chrysene	mg/L	0.0015	0.0001	< 0.00026	< 0.0001	0.0001	< 0.0001	0.00009 J	< 0.0001	0.00008 J	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.00263	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	0.0011 J	0.00087	0.00098 J	0.001 J	0.00083 J	0.00086 J	0.0008 J	0.00068 J	< 0.0021
Fluorene	mg/L	0.28	0.0003 J	0.00029	0.0003 J	0.00031 J	0.00021 J	0.00025 J	0.00025 J	0.00019 J	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	0.0001	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	0.00014 J	< 0.00263	< 0.0064	< 0.0064	0.00013 J	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	0.0015 J	0.0012 J	0.0014 J	0.0014 J	0.0012 J	0.0012 J	0.0011 J	0.001 J	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	0.24	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	1.47	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter
H=Laboratory hold times exceeded. GW-05 and GW-07 reanalyzed for Napthalene at ERM request after laboratory instrument carryover suspected from GW-04R sample.

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-07 Analyte	Unit	Remediation Objective (RO)	Result 11/15/2016	Result 2/15/2017	Result 5/16/2017	Result 8/17/2017	Result 11/21/2017	Result 2/14/2018	Result 5/8/2018	Result 8/13/2018	Result 11/6/2018	Result 2/18/2019
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	0.00013 J	< 0.0001	0.000144	< 0.0001	0.000137	0.000149	0.000111
Acenaphthylene	mg/L	-	< 0.01	0.00011 J	0.00019 J	0.00019 J	0.000229	0.00034	0.000244	0.000282	0.00027	0.000266
Anthracene	mg/L	2.1	0.00063 J	0.00078 J	0.00091 J	0.0012 J	0.00179	0.00308	0.00198	0.00215	0.00164	0.00218
Benzo(a)anthracene	mg/L	0.00013	0.00015	0.00019	0.0002	0.000188	0.000192	0.000301	0.000203	0.000195	0.000224	0.0002
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	---	0.015	0.0149	< 0.006	0.00692	0.00796	0.0131	0.00353	0.00667
Chrysene	mg/L	0.0015	0.00008 J	0.0001	0.000148	0.000159	0.000144	0.000222	0.000133	0.000153	0.000135	0.000147
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	---	---	0.00258	---	---
Fluoranthene	mg/L	0.28	0.00075 J	0.001 J	0.0013 J	0.0016 J	0.00199	0.0032	0.00228	0.00039	0.00204	0.0022
Fluorene	mg/L	0.28	0.0002 J	0.0002 J	0.00036 J	0.00033 J	0.000376	0.000595	0.000427	< 0.0001	0.000353	0.000397
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	0.000233	0.000096 J	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	0.0011 J	0.0014 J	0.0018 J	0.0021 J	0.00259	0.00466	0.00336	0.00371	0.00281	0.00297 B
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.12 J
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 2	< 2	< 2	< 2	< 2	6.88
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	0.12 J
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1

Notes:
B = Analyte detected in associated method blank
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mg/L = milligrams per liter
µg/L = micrograms per liter
H=Laboratory hold times exceeded. GW-05 and GW-07 reanalyzed for Napthalene at ERM request after laboratory instrument carryover suspected from GW-04R sample.

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-07 Analyte	Unit	Remediation Objective (RO)	Result 5/8/2019	Result 8/13/2019	Result (Dup) 8/13/2019	Result 11/13/2019	Result 2/18/2020	Result 5/12/2020	Result 8/13/2020	Result 11/10/2020	Result 2/23/2021	Result 5/12/2021
Acenaphthene	mg/L	0.42	0.000136	0.000078 J	0.000086 J	0.000099 J	0.000077 J	0.000063 J	0.000071 J	0.000076 J	0.000076 J	0.000118
Acenaphthylene	mg/L	-	0.000253	0.000142	0.000135	0.000186	0.000116	0.000098	0.000105	0.000142	0.000168	0.000117
Anthracene	mg/L	2.1	0.00186	0.00106	0.00101	0.000964 R	0.000877	0.00069	0.000772	0.0012	0.00144	0.00119
Benzo(a)anthracene	mg/L	0.00013	0.000225	0.000213	0.000189	0.000221	0.000164	0.000141	0.000168	0.000155	0.000119	0.000161
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0005	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0005 R	0.000057 J	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.001 R	< 0.0002	< 0.000144	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0005	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.0019 J	0.00364 S	0.0048	< 0.005 S	0.011	0.0022 C	0.00202 C	0.00655	0.00975	0.00732
Chrysene	mg/L	0.0015	0.000145	0.000121	0.000145	0.000184	0.000116	0.000101	0.00014	0.000112	0.000082 J	0.000102
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0005	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	---	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00719	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	0.00214	0.00142	0.00137	0.00126	0.00113	0.000996	0.000951	0.00119	0.00131	0.00136
Fluorene	mg/L	0.28	0.000457	0.000249	0.000255	0.000284	0.000235	0.000165	0.000205	0.000278	0.000295	0.000343
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0005 SR	< 0.0001	< 0.000072	0.000076 J	< 0.0001	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	---	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00719	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00719	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.0002	< 0.0002	0.00019 J	< 0.000288	< 0.0004	< 0.0004	< 0.0004	0.00329
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000432	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	0.00312	0.00199	0.00194	0.00012 JSR	0.0016	0.00152	0.0014	0.00185	0.00197	0.00227
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.51	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.12 J	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2 B	< 2	< 2	< 2	6.07	< 2	0.64 J	1.4 J	< 2	1.4 J
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	0.1 J	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter
H=Laboratory hold times exceeded. GW-05 and GW-07 reanalyzed for Napthalene at ERM request after laboratory instrument carryover suspected from GW-04R sample.

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-07 Analyte	Unit	Remediation Objective (RO)	Result 8/12/2021	Result 11/9/2021	Result 2/16/2022	Result 5/11/2022	Result 9/7/2022	Result 11/29/2022	Result 2/15/2023	Result 5/17/2023	Result 9/13/2023	Result 10/27/2023
Acenaphthene	mg/L	0.42	0.000079 J	0.000136	0.000183	0.000145	0.000118	0.00012	0.000183	0.000122 H	0.000155	0.000158
Acenaphthylene	mg/L	-	0.000137	0.000186	0.000251	0.000149	0.00017	0.000179	0.000203	0.000137 H	0.000194	0.000202
Anthracene	mg/L	2.1	0.00124	0.00146	0.00144	0.00153	0.00162	0.00144	0.00148	0.00115 H	0.00179	0.00161
Benzo(a)anthracene	mg/L	0.00013	0.000186	0.000235	0.000185	0.000182	0.000212	0.000201	0.000202	0.000183 H	0.000235	0.000211
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00233	0.00403 S	0.00290	0.00471	0.0015 J	0.00578	0.00331	0.0148 H	0.00395	0.00271
Chrysene	mg/L	0.0015	0.000122	0.00017	0.000177	0.000163	0.000164	0.000157	0.000141	0.000145 H	0.000194	0.000184
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01 H	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	0.00146	0.00164	0.00147	0.00169	0.00154	0.00154	0.00127	0.00106 H	0.00141	0.00122
Fluorene	mg/L	0.28	0.000305	0.00039	0.000516	0.000368	0.000331	0.000366	0.0004	0.000331 H	0.000413	0.000393
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01 H	< 0.01	< 0.01
o-Cresol	mg/L	0.35	0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0004 H	< 0.0004	0.000614
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	0.00269	< 0.0004	< 0.0004	< 0.0004	0.00283 S	< 0.01 H	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006 H	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	0.00233	0.0026	0.0025	0.0030	0.0028	0.00281	0.0026	0.00157 H	0.00238	0.00265
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5 S	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	0.32 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	0.54 J	< 1	< 1	< 1	< 1 S	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2 H	< 2	< 2	< 2	0.7 J	0.36 BJ	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	0.21 J	< 1	< 1	< 1	< 1 S	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2 S	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	0.75 J	< 2	< 2	< 2	< 2 S	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter
H=Laboratory hold times exceeded. GW-05 and GW-07 reanalyzed for Napthalene at ERM request after laboratory instrument carryover suspected from GW-04R sample.

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-9S Analyte	Unit	Remediation Objective (RO)	Result 5/14/2015	Result 5/24/2016	Result 5/17/2017	Result 5/9/2018	Result 5/6/2019	Result 5/12/2020	Result 5/12/2021	Result 5/10/2022	Result 5/17/2023
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001 H
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001 H
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000233	< 0.0003	< 0.0003	< 0.0003 H
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001 H
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002	< 0.0002	< 0.0002 H
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001 H
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0002	< 0.000155	< 0.0002	< 0.0002	< 0.0002 H
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001 H
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	< 0.002	< 0.002	< 0.002	< 0.00155 C	< 0.002	0.0016 J	< 0.002 H
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001 H
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002	< 0.0002	< 0.0002 H
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00775	< 0.01	< 0.01	< 0.01 H
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000233	< 0.0003	< 0.0003	< 0.0003 H
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000155	< 0.0002	< 0.0002	< 0.0002 H
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002	< 0.0002	< 0.0002 H
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	< 0.00775	< 0.01	< 0.01	< 0.01 H
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	< 0.00775	< 0.01	< 0.01	< 0.0004 H
Naphthalene	mg/L	0.14	---	---	---	---	< 0.0002	< 0.00031	0.00273	< 0.0004	< 0.01 H
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 2	< 0.0004	< 0.0004	< 0.000465	< 0.0006	< 0.0006	< 0.0006 H
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 2	< 0.0001	< 0.0002	< 0.000155	< 0.0002	< 0.0002 B	< 0.0002 H
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	0.21 J	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 4	< 2	< 2	< 2	< 2	< 2	< 0.2
Ethylbenzene	µg/L	700	< 2	< 2	< 0.2	< 1	< 1	< 1	0.33 J	0.11 J	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 0.6	< 1	< 1	< 1	0.27 J	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	0.85 B	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 2	< 2 B	< 2	< 2	37.8	1.4 J	< 2
o-Xylene	µg/L	-	< 2	< 2	< 5	< 1	< 1	< 1	0.2 J	0.1 J	< 1
Toluene	µg/L	1000	< 2	< 2	< 4	< 2	< 2	< 2	0.32 J	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1 B	< 2	< 2	0.47 J	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-9D Analyte	Unit	Remediation Objective (RO)	Result 5/14/2015	Result 5/24/2016	Result 5/17/2017	Result 5/9/2018	Result 5/6/2019	Result 5/12/2020	Result 5/12/2021	Result (DUP) 5/12/2021	Result 5/10/2022	Result 5/17/2023		
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	H	
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	H	
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000216	< 0.0003	< 0.0003	< 0.0003	< 0.0003	H	
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	H	
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0002	< 0.0002	< 0.0002	< 0.0002	H	
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	H	
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0002	< 0.000144	< 0.0002	< 0.0002	< 0.0002	< 0.0002	H	
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	H	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	0.00291	< 0.002	< 0.002	< 0.00144	C	< 0.002	< 0.002	< 0.002	H	
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	H	
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0002	< 0.0002	< 0.0002	< 0.0002	H	
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00719	< 0.01	< 0.01	< 0.01	< 0.01	H	
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000216	< 0.0003	< 0.0003	< 0.0003	< 0.0003	H	
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000144	< 0.0002	< 0.0002	< 0.0002	< 0.0002	H	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0002	< 0.0002	< 0.0002	< 0.0002	H	
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	< 0.00719	< 0.01	< 0.01	< 0.01	< 0.01	H	
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	< 0.00719	< 0.01	< 0.01	< 0.01	< 0.0004	H	
Naphthalene	mg/L	0.14	---	---	---	---	< 0.0002	< 0.000288	< 0.0004	< 0.0004	< 0.0004	< 0.01	H	
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.000432	< 0.0006	< 0.0006	< 0.0006	< 0.0006	H	
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000144	< 0.0002	< 0.0002	< 0.0002	B	< 0.0002	H
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2		
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1		
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1		
Methylene chloride	µg/L	5.0	< 0.2	0.21	B	< 0.2	< 2	< 2	< 2	< 2	< 2	< 2		
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 2	B	< 2	< 2	5.2	< 2	< 2		
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1		
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2		
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2		
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 2	< 2	< 2	< 2	< 2	< 2		

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-12 Analyte	Unit	Remediation Objective (RO)	Result 5/13/2015	Result 5/26/2016	Result 5/17/2017	Result 5/10/2018	Result 5/6/2019	Result 5/12/2020	Result 5/12/2021	Result 5/11/2022	Result 5/17/2023	
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	H
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	H
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000233	< 0.0003	< 0.0003	< 0.0003	H
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000055 J	< 0.000078	< 0.0001	< 0.0001	< 0.0001	H
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002	< 0.0002	< 0.0002	H
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000056 J	< 0.000078	0.000106	< 0.0001	< 0.0001	H
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	0.000043 J	< 0.0002	< 0.000155	0.000203	< 0.0002	< 0.0002	H
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	0.000056 J	< 0.0001	< 0.0001	H
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	< 0.002	< 0.002	< 0.002	< 0.00155 C	< 0.002	< 0.002	0.0017 JH	
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000044 J	< 0.000078	0.000056 J	< 0.0001	< 0.0001	H
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002	< 0.0002	< 0.0002	H
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00775	< 0.01	< 0.01	< 0.01	H
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000233	< 0.0003	< 0.0003	< 0.0003	H
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000155	< 0.0002	< 0.0002	< 0.0002	H
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002	< 0.0002	< 0.0002	H
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	< 0.00775	< 0.01	< 0.01	0.00097 JH	
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	< 0.00775	< 0.01	< 0.0004	< 0.0004	H
Naphthalene	mg/L	0.14	---	---	---	---	< 0.0002	< 0.00031	< 0.0004	< 0.01	< 0.01	H
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.000465	< 0.0006	< 0.0006	< 0.0006	H
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000155	< 0.0002	< 0.0002	< 0.0002	H
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 0.2	
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	
Methylene chloride	µg/L	5.0	< 0.2	< 0.2 B	< 0.2	< 2	< 2	< 2	< 2	< 2	< 2	
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 2 B	< 2	< 2	< 2	< 2	< 2	
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	µg/L	1000	< 2	0.25 J	< 2	0.18 J	< 2	< 2	< 2	< 2	< 2	
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1 B	< 2	< 2	< 2	< 2	< 2	

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-13S Analyte	Unit	Remediation Objective (RO)	Result 5/14/2015	Result 5/26/2016	Result 5/18/2017	Result 5/9/2018	Result 5/6/2019	Result 5/13/2020	Result 5/12/2021	Result 5/11/2022	Result - DUP 5/11/2022	Result 5/17/2023	Result - DUP 5/17/2023
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H	< 0.0001 H
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H	< 0.0001 H
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000227	< 0.0003	< 0.0003	< 0.0003	< 0.0003 H	< 0.0003 H
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	0.00012	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H	< 0.0001 H
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	0.00024	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H	< 0.0002 H
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	0.00036	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H	< 0.0001 H
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	0.00056 J	< 0.00076	< 0.0001	< 0.0002	< 0.000152	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H	< 0.0002 H
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H	< 0.0001 H
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	< 0.002	< 0.002	< 0.002	< 0.00152 C	< 0.002	0.0015 J	< 0.002	0.0016 JH	0.00205 H
Chrysene	mg/L	0.0015	< 0.0001	0.00009 J	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H	< 0.0001 H
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	0.00052	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H	< 0.0002 H
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00758	< 0.01	< 0.01	< 0.01	< 0.01 H	< 0.01 H
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000227	< 0.0003	< 0.0003	< 0.0003	< 0.0003 H	< 0.0003 H
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000152	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H	< 0.0002 H
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	0.00053	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H	< 0.0002 H
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	< 0.00758	< 0.01	< 0.01	< 0.01	< 0.01 H	< 0.01 H
o-Cresol	mg/L	0.35	< 0.0001	< ---	---	---	---	< 0.00758	< 0.01	< 0.01	< 0.01	< 0.0004 H	< 0.0004 H
Naphthalene	mg/L	0.14	---	---	---	---	< 0.0002	< 0.000303	< 0.0004	< 0.0004	< 0.0004	< 0.01 H	< 0.01 H
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.000455	< 0.0006	< 0.0006	< 0.0006	< 0.0006 H	< 0.0006 H
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000152	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H	< 0.0002 H
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2 B	< 0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 2 B	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1 B	< 2	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-13D Analyte	Unit	Remediation Objective (RO)	Result 5/14/2015	Result (DUP) 5/14/2015	Result 5/26/2016	Result 5/18/2017	Result 5/9/2018	Result 5/6/2019	Result 5/13/2020	Result 5/13/2021	Result 5/11/2022	Result 5/17/2023
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0001 H
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0001 H
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000229	< 0.0003	< 0.0003	< 0.0003 H
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	0.00011	< 0.0001	< 0.0001	< 0.0001	< 0.000076	0.00007 J	< 0.0001	< 0.0001 H
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	0.00024	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0002	< 0.0002	< 0.0002 H
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	0.00035	< 0.0001	< 0.0001	< 0.0001	< 0.000076	0.000102	< 0.0001	< 0.0001 H
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	0.00061 J	< 0.00076	< 0.0001	< 0.0002	< 0.000153	0.00024	< 0.0002	< 0.0002 H
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	0.00029	< 0.0001	< 0.0001	< 0.0001	< 0.000076	0.000167	< 0.0001	< 0.0001 H
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	---	< 0.002	< 0.002	< 0.002	< 0.00153 C	< 0.002	< 0.002	0.0016 JH
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076	0.000104	< 0.0001	< 0.0001 H
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	0.0006	< 0.0001	< 0.0001	< 0.0001	< 0.000076	0.000244	< 0.0002	< 0.0002 H
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	0.0033	---	---	< 0.00763	< 0.01	< 0.01	< 0.01 H
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000229	< 0.0003	< 0.0003	< 0.0003 H
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000153	< 0.0002	< 0.0002	< 0.0002 H
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	0.00059	< 0.0001	< 0.0001	< 0.0001	< 0.000076	0.000235	< 0.0002	< 0.0002 H
m,p-Cresol	mg/L	-	< 0.0001	< 0.0001	---	---	---	---	< 0.00763	< 0.01	< 0.01	< 0.01 H
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	---	---	---	---	< 0.00763	< 0.01	< 0.01	< 0.0004 H
Naphthalene	mg/L	0.14	---	---	---	---	---	< 0.0002	< 0.000305	< 0.0004	< 0.0004	< 0.01 H
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.000458	< 0.0006	< 0.0006	< 0.0006 H
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000153	< 0.0002	< 0.0002	< 0.0002 H
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 0.2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	0.25	0.22	< 0.2 B	< 0.2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 2 B	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 1 B	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-14 Analyte	Unit	Remediation Objective (RO)	Result 3/3/2015	Result (DUP) 3/3/2015	Result 5/11/2015	Result 8/18/2015	Result 11/3/2015	Result 2/16/2016	Result 5/24/2016	Result 8/17/2016	Result 11/15/2016	Result 2/15/2017	Result 5/16/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.00227	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.00227	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.00227	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00023	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.0018	J	0.00214	0.00952	0.00738	0.00818	0.0154	---	---	---	0.0316
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.00227	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.00023	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.00023	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001	0.00014	< 0.00023	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.00227	< 0.0064	0.0001	J	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.00227	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	B	< 0.2	0.22	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	0.26	J	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-14 Analyte	Unit	Remediation Objective (RO)	Result 8/16/2017	Result 11/21/2017	Result 2/15/2018	Result 5/7/2018	Result 8/13/2018	Result 11/7/2018	Result 2/19/2019	Result 5/8/2019	Result 8/12/2019	Result 11/12/2019	Result 2/18/2020
Acenaphthene	mg/L	0.42	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00962	< 0.006	0.0094	0.00367	0.0173	0.0126	< 0.002	< 0.002	0.00622	0.00583	0.0108
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	0.000031	J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	0.000095	< 0.0001	B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Phenanthrene	mg/L	-	< 0.0064	0.000182	B	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0001	B	< 0.0001	< 0.0001	< 0.0001	< 0.0002	B	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.5	0.2	J	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.1	< 2	1.4	J	< 2	< 2	2.89	B	< 2	2.88
o-Xylene	µg/L	-	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-14 Analyte	Unit	Remediation Objective (RO)	Result 5/12/2020	Result 8/13/2020	Result 11/10/2020	Result 2/23/2021	Result 5/11/2021	Result 8/12/2021	Result 11/9/2021	Result 2/16/2022	Result 5/11/2022	Result 9/7/2022
Acenaphthene	mg/L	0.42	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.000217	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.000072	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.000145	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00417 C	0.0336 C	0.00766	0.00935	0.00934	0.0139	0.0200 B	0.0016 J	0.0018 J	0.00578 S
Chrysene	mg/L	0.0015	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000072	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.00725	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.000217	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.000145	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000072	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.00725	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.00725	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.00029	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.000435	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.000145	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	0.38 J	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	0.72 J	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	0.38 J	< 2	1.6 J	0.49 J	< 2	2.53	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	0.36 J	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	0.19 J	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	1.1 J	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-14 Analyte	Unit	Remediation Objective (RO)	Result 11/29/2022	Result 2/14/2023	Result 5/17/2023	Result 9/13/2023	Result 10/26/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00304	< 0.002	0.00309	0.00493	0.00216
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.01	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 0.2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	0.11 J	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	0.62 J	< 2	B	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-15 Analyte	Unit	Remediation Objective (RO)	Result 3/3/2015	Result 5/13/2015	Result 8/19/2015	Result (DUP) 8/19/2015	Result 11/3/2015	Result 2/17/2016	Result 5/25/2016	Result (DUP) 5/25/2016	Result 8/17/2016	Result 11/15/2016
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	S < 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	S < 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	S < 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00006 J	0.00006 J
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	S < 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	S < 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	S < 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	S < 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.0012 J	0.00365 SR	0.00612	0.00583	0.00277	0.0025	---	---	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	S < 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	S < 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	S < 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	S < 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	S < 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	0.00016	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	S < 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	S < 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	0.38 J	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.22 B	< 0.2 B	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	2.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	0.38 J	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-15 Analyte	Unit	Remediation Objective (RO)	Result 2/15/2017	Result 5/16/2017	Result 8/17/2017	Result 11/22/2017	Result 2/15/2018	Result 5/8/2018	Result (DUP) 5/8/2018	Result 8/14/2018	Result 11/7/2018	Result 2/20/2019
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	0.000064 J	0.000053 J	< 0.0001	< 0.0001 S	0.000055 J
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	0.000053 J	0.000076 J	0.000063 J	< 0.0001	0.000063 JS	0.000069 J
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	0.00006 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	0.000052 J
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001 S	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001 S	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	0.00335	0.00567	< 0.006	0.0111	0.00563	0.0109	0.00274 SR	0.0039	0.00327
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	---	---	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	0.00012 J	< 0.0001	< 0.0002	< 0.0002	< 0.0002	0.00015 J	< 0.0002 S	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	0.000095 J	0.0001	0.000072 J	0.00011	0.000101	< 0.0001	< 0.0001 S	0.0001 J
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 R	< 0.0001 S	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	0.000119	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004 S	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	0.0001 J	< 0.0001	0.000066 J	< 0.0001	< 0.0001	0.000143	< 0.0002 S	0.00011 BJ
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	0.9	< 2	< 2	0.8 J	< 2 B	< 2	< 2	1.7 J
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1	< 1	< 1	< 1 B	< 1	< 1	< 1

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
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Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
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Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-15 Analyte	Unit	Remediation Objective (RO)	Result 5/8/2019	Result 8/14/2019	Result 11/14/2019	Result 2/20/2020	Result 5/13/2020	Result 8/13/2020	Result 11/10/2020	Result 2/23/2021	Result 5/13/2021	Result 8/12/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	0.000058 J	< 0.000074	< 0.0001	0.000081 J	< 0.0001	0.000063 J	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000222	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	0.000061 J	< 0.000074	< 0.0001	0.000084 J	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	0.000078 J	< 0.000074	< 0.0001	0.000069 J	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	0.000082 J	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000075 J
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000148	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.014	0.00331	0.00802	< 0.002	< 0.00148 C	< 0.002 C	< 0.002 C	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000222	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000148	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	0.000085 J	< 0.000074	0.000074 J	< 0.0001	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000296	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000444	< 0.0006	< 0.0006	< 0.0006 R	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000148	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	1.6 J	1.7 J	< 2	< 2	< 2 B	1.1 J	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
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Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-15 Analyte	Unit	Remediation Objective (RO)	Result 11/9/2021	Result 2/17/2022	Result - DUP 2/17/2022	Result 5/11/2022	Result 9/9/2022	Result 11/29/2022	Result 2/15/2023	Result - DUP 2/15/2023	Result 5/18/2023	Result - DUP 5/18/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000094 J	< 0.0001	< 0.0001	< 0.0001 H	< 0.0001 H
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	0.000074 J	< 0.0001	0.000077 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H	< 0.0001 H
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003 H	< 0.0003 H
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H	< 0.0001 H
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H	< 0.0002 H
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H	< 0.0001 H
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H	< 0.0002 H
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H	< 0.0001 H
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002 B	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002 H	< 0.002 H
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H	< 0.0001 H
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H	< 0.0002 H
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01 H	< 0.01 H
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003 H	< 0.0003 H
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	0.000287	< 0.0002	0.0001 J	0.000204 H	< 0.0002 H
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H	< 0.0002 H
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01 H	< 0.01 H
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0004 H	< 0.0004 H
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	0.00366	0.00414	< 0.0004	< 0.0004	< 0.01 H	< 0.01 H
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006 H	< 0.0006 H
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H	< 0.0002 H
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	0.16 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	0.43 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	1.6 J	< 2	< 2	< 2	< 2	0.55 J	< 2 B	< 2 B	< 2	< 2
o-Xylene	µg/L	-	0.13 J	< 1	< 1	< 1	0.11 J	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	0.56 J	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-15 Analyte	Unit	Remediation Objective (RO)	Result 9/13/2023	Result 10/25/2023	
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	S
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	
m,p-Cresol	mg/L	-	< 0.01	< 0.01	
o-Cresol	mg/L	0.35	< 0.0004	< 0.0004	
Naphthalene	mg/L	0.14	< 0.01	< 0.01	
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	
Benzene	µg/L	5.0	< 0.5	< 0.5	
Bromoform	µg/L	1.0	< 0.2	< 0.2	
Ethylbenzene	µg/L	700	< 1	< 1	
m,p-Xylenes	µg/L	-	< 1	< 1	
Methylene chloride	µg/L	5.0	< 2	< 2	
Naphthalene	µg/L	140	< 2	< 2	
o-Xylene	µg/L	-	< 1	< 1	
Toluene	µg/L	1000	< 2	< 2	
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	
Xylenes, Total	µg/L	10000	< 2	< 2	

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-16S Analyte	Unit	Remediation Objective (RO)	Result 3/2/2015	Result 5/12/2015	Result 8/18/2015	Result 11/2/2015	Result 2/17/2016	Result 5/24/2016	Result 8/16/2016	Result 11/15/2016	Result 2/14/2017	Result 5/15/2017	Result 8/16/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	---	---	---	---	0.00264	0.00446
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	0.00017 J	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	0.62	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-16S Analyte	Unit	Remediation Objective (RO)	Result 11/20/2017	Result 2/14/2018	Result 5/7/2018	Result 8/14/2018	Result 11/6/2018	Result 2/18/2019	Result 5/7/2019	Result 8/12/2019	Result 11/11/2019	Result 2/18/2020	Result 5/11/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000227
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000152
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.006	0.0446	0.0293	0.0142	< 0.002	0.00774	0.00353	0.012	0.00454	0.0327	0.00207 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00758
Fluoranthene	mg/L	0.28	< 0.0001 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	0.000273	< 0.0002	< 0.000227
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000152
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00758
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00758
Naphthalene	mg/L	0.14	---	---	---	---	---	---	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000303
Phenanthrene	mg/L	-	0.000133 B	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000455
Pyrene	mg/L	0.21	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	0.00011 J	< 0.0002	< 0.000152
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.5	0.34 J	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.1	< 2	0.7 J	< 2	< 2	< 2	< 2 B	< 2	1 J	1.1 J	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-16S Analyte	Unit	Remediation Objective (RO)	Result 8/12/2020	Result 11/9/2020	Result 2/22/2021	Result 5/10/2021	Result 8/10/2021	Result 11/8/2021	Result 2/15/2022	Result 5/9/2022	Result 9/6/2022	Result 11/28/2022	
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	<
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	<
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	<
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	<
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	<
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000076 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	<
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	<
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	<
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00771 C	0.00589	< 0.002	0.00203	0.0068	0.0016 J	0.0016 J	0.0019 J	0.0024	< 0.002	
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	<
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	<
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	<
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	0.00057	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	<
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	0.000992	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	<
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	<
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	<
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	<
Naphthalene	mg/L	0.14	0.00164	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	<
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	0.00255	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	<
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	0.000486	< 0.0002	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	<
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	<
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	<
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	0.16 J	< 1	< 1	< 1	< 1	<
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	0.49 J	< 1	< 1	< 1	< 1	<
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	<
Naphthalene	µg/L	140	< 2	< 2 B	0.43 J	< 2	< 2	1.2 J	< 2	< 2	< 2	0.52 J	<
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	0.12 J	< 1	< 1	< 1	< 1	<
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	<
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	<
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	0.61 J	< 2	< 2	< 2	< 2	<

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-16S Analyte	Unit	Remediation Objective (RO)	Result 2/13/2023	Result 5/15/2023	Result 9/14/2023	Result 10/25/2023
Acenaphthene	mg/L	0.42	0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.0019 J	< 0.002	0.0017 J	0.00426
Chrysene	mg/L	0.0015	0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	0.0002	< 0.0002	< 0.0002	< 0.0002 B
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	0.01	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	0.0004	< 0.01	< 0.01	< 0.01
Phenanthrene	mg/L	-	0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	0.2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	2	< 2	< 2	< 2
Naphthalene	µg/L	140	2 B	< 2	< 2	< 2
o-Xylene	µg/L	-	1	< 1	< 1	< 1
Toluene	µg/L	1000	2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-16D Analyte	Unit	Remediation Objective (RO)	Result 3/2/2015	Result 5/11/2015	Result 5/11/2015	Result 8/17/2015	Result 11/2/2015	Result 2/17/2016	Result 5/24/2016	Result 8/16/2016	Result 11/14/2016	Result 2/14/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.00263	< 0.00263	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.00263	< 0.00263	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.00263	< 0.00263	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00026	< 0.00026	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00272	0.0095	0.0095	0.0031	0.00294	0.00425	---	---	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.00263	< 0.00263	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.00026	< 0.00026	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.00026	< 0.00026	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.00263	< 0.00263	< 0.0064	0.00011 J	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.00263	< 0.00263	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	0.89 J	0.95 J	0.95 J	0.99 J	1.2 J	0.88 J	0.57 J	0.44 J	0.51 J	0.44 J
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-16D Analyte	Unit	Remediation Objective (RO)	Result 5/15/2017	Result 8/16/2017	Result 11/20/2017	Result 2/14/2018	Result (DUP) 2/14/2018	Result 5/7/2018	Result 8/14/2018	Result 11/6/2018	Result 2/18/2019	Result 5/7/2019
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	0.00032 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.0138	0.0019 J	< 0.008	0.00465	0.0438	0.00939	0.0035	0.00566	0.00573	< 0.01 S
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	---	---	---	---	---	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	0.00021 J	< 0.0001 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	< 0.0002
Phenanthrene	mg/L	-	0.00011 J	< 0.0064	0.000124 B	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	0.00011 J	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 0.5	< 0.5	0.23 J	0.22 J	0.41 J	0.56	0.71	0.71
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.2 J
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.5	< 0.5	0.22 J	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.1	< 2	< 2	< 2	< 2	< 2	0.81 J	0.48 J
o-Xylene	µg/L	-	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	0.12 J
trans-1,2-Dichloroethene	µg/L	100	0.67 J	0.8 J	< 2	0.56 J	0.53 J	< 2	0.39 J	0.3 J	< 2	0.13 J
Xylenes, Total	µg/L	10000	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-16D Analyte	Unit	Remediation Objective (RO)	Result (DUP) 5/7/2019	Result 8/12/2019	Result 11/12/2019	Result 2/18/2020	Result 5/11/2020	Result 8/12/2020	Result 11/9/2020	Result 2/22/2021	Result 5/10/2021	Result 8/10/2021	Result 11/8/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000222	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000076 J	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000148	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00421	0.0141	< 0.002	< 0.002	0.012 C	0.00595 C	0.011 C	0.005	0.002 J	0.00206	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000222	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000148	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000296	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000444	< 0.0006	< 0.0006	0.00101	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000148	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	0.77	0.3 J	0.11 J	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.15 J	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.16 J
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.52 J
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2 B	< 2	0.79 J	0.83 J	< 2	< 2	< 2 B	0.34 J	< 2	< 2	0.92 J
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.13 J
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	0.65 J

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-16D Analyte	Unit	Remediation Objective (RO)	Result 2/15/2022	Result 5/9/2022	Result 9/6/2022	Result 11/28/2022	Result 2/13/2023	Result 5/15/2023	Result 9/14/2023	Result 10/25/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	0.0016 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	0.00299	0.0017 J	< 0.002	< 0.002	0.0017 J	0.00241	0.00726
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 B
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.01	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	0.38 J	0.52	0.71	0.7	0.80	0.76	0.64
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	0.51 J	< 2 B	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	0.13 J	< 2	0.1 J	0.12 J	< 2	0.13 J	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
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Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-17 Analyte	Unit	Remediation Objective (RO)	Result 3/2/2015	Result 5/12/2015	Result 8/18/2015	Result 11/2/2015	Result 2/17/2016	Result 5/24/2016	Result 8/16/2016	Result 11/15/2016	Result 2/14/2017	Result 5/15/2017	Result 8/16/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	---	---	---	---	0.00225	0.00328
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	0.0001 J	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.98 B	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	0.5 J	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-17 Analyte	Unit	Remediation Objective (RO)	Result 11/20/2017	Result 2/14/2018	Result 5/7/2018	Result 8/14/2018	Result 11/6/2018	Result 2/18/2019	Result 5/7/2019	Result 8/12/2019	Result 11/12/2019	Result 2/18/2020	Result 5/12/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000115	< 0.000231
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000055 J	< 0.000077
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000154
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.006	< 0.002	0.00742	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	0.00215	0.00257 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000047 J	< 0.000077
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00769
Fluoranthene	mg/L	0.28	< 0.0001 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	0.000288	< 0.000231
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000154
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00769
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00769
Naphthalene	mg/L	0.14	---	---	---	---	---	---	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000308
Phenanthrene	mg/L	-	0.00011 B	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000462
Pyrene	mg/L	0.21	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002	0.00023	< 0.000154
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.5	0.48 J	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.1	< 2	< 2	< 2	< 2	0.61 J	< 2 B	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-17 Analyte	Unit	Remediation Objective (RO)	Result 8/12/2020	Result 11/11/2020	Result 2/22/2021	Result 5/10/2021	Result 8/10/2021	Result 11/8/2021	Result 2/15/2022	Result 5/9/2022	Result 9/6/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000074 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00467 C	< 0.002 C	0.0029	< 0.002	0.00739	< 0.002	< 0.002	< 0.002	0.00752
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	0.000078 J	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 B	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	0.12 J	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	0.53 J	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2 B	0.38 J	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	0.12 J	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	0.65 J	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-17 Analyte	Unit	Remediation Objective (RO)	Result 11/28/2022	Result 2/13/2023	Result 5/15/2023	Result 9/14/2023	Result 10/25/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	0.0144	< 0.002	0.0019 J	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 B
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.01	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 0.2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	0.49 J	< 2 B	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-18S Analyte	Unit	Remediation Objective (RO)	Result 3/4/2015	Result 5/12/2015	Result 8/19/2015	Result 11/4/2015	Result 2/18/2016	Result 5/25/2016	Result 8/18/2016	Result 11/16/2016	Result 2/16/2017	Result 5/17/2017	Result 8/18/2017	
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.0011	J	< 0.002	0.00211	0.0014	J	0.0013	J	---	---	0.0015	J
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	0.000092	J
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
m,p-Cresol	mg/L	-	< 0.0001	B	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---	
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.2	B	< 0.2	< 0.2	< 0.2	< 0.2	
Naphthalene	µg/L	140	< 0.6	< 0.6	0.94	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-18S Analyte	Unit	Remediation Objective (RO)	Result 11/21/2017	Result 2/15/2018	Result 5/8/2018	Result 8/14/2018	Result 11/8/2018	Result 2/19/2019	Result 5/7/2019	Result 8/13/2019	Result 11/12/2019	Result 2/19/2020	Result 5/13/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000114	< 0.000234
Benzo(a)anthracene	mg/L	0.00013	0.000118 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000054 J	< 0.0001	< 0.000078
Benzo(a)pyrene	mg/L	0.0002	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.005	< 0.0001	< 0.000078
Benzo(b)fluoranthene	mg/L	0.00018	0.000132 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.005	< 0.0001	< 0.000078
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.01	< 0.0002	< 0.000156
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.005	< 0.0001	< 0.000078
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.006 S	0.00347	0.00327	< 0.002	< 0.002	0.00433	0.00229	0.00265	0.0037	0.0118	0.00309
Chrysene	mg/L	0.0015	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000051 J	< 0.0001	< 0.000078
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.005	< 0.0001	< 0.000078
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00781
Fluoranthene	mg/L	0.28	< 0.0001 S	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000234
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000156
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	0.000143	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.005	< 0.0001	< 0.000078
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00781
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00781
Naphthalene	mg/L	0.14	---	---	---	---	---	---	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000312
Phenanthrene	mg/L	-	< 0.0001	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000469
Pyrene	mg/L	0.21	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002	0.00011 J	< 0.000156
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	0.94 J	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	0.52 J	< 2	< 2	< 2	0.52 J	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-18S Analyte	Unit	Remediation Objective (RO)	Result 8/14/2020	Result 11/11/2020	Result 2/23/2021	Result 5/11/2021	Result 8/11/2021	Result 11/10/2021	Result - DUP 11/10/2021	Result 2/16/2022	Result 5/9/2022	Result 9/7/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003 B	< 0.0003 B	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000071 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00244 C	0.00299	0.00249	0.00329	< 0.002	0.00305	< 0.002	< 0.002	< 0.002	0.00228
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	0.00007 J	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 B	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	0.11 J	0.13 J	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	0.39 J	0.45 J	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2 B	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	0.11 J	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	0.13 J	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	0.39 J	0.56 J	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-18S Analyte	Unit	Remediation Objective (RO)	Result 11/29/2022	Result 2/14/2023	Result 5/16/2023	Result 9/14/2023	Result 10/26/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	0.00331	0.00295	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.01	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 0.2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	0.48 J	< 2 B	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-18D Analyte	Unit	Remediation Objective (RO)	Result 3/4/2015	Result 5/12/2015	Result (DUP) 5/12/2015	Result 8/19/2015	Result 11/4/2015	Result 2/18/2016	Result (DUP) 2/18/2016	Result 5/25/2016	Result 8/18/2016	Result 11/16/2016	Result 2/16/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.0014	J	0.0014	J	0.0033	0.003	0.0019	J	0.00201	< 0.002	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001	B	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.21	B	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	5.63	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	0.3	J	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-18D Analyte	Unit	Remediation Objective (RO)	Result 5/17/2017	Result 8/18/2017	Result 11/21/2017	Result (DUP) 11/21/2017	Result 2/15/2018	Result 5/8/2018	Result 8/14/2018	Result 11/8/2018	Result 2/19/2019	Result 5/7/2019	Result 8/13/2019
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.00111	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00679	0.00472	< 0.006	< 0.006	0.00371	0.00222	0.00371	< 0.002	< 0.002	< 0.0111	0.00517
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	---	---	---	---	---	---	---	---	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	0.00015 J	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.00111	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	---	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	---	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	< 0.00111	< 0.0002
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0001	0.000108	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.00222	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B	< 0.00111	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.13 J	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.5	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 2	< 2	< 2	< 2	< 2	0.25 J	0.4 J	0.42 J	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-18D Analyte	Unit	Remediation Objective (RO)	Result 11/12/2019	Result 2/19/2020	Result 5/13/2020	Result 8/14/2020	Result 11/11/2020	Result 2/23/2021	Result (DUP) 2/23/2021	Result 5/11/2021	Result 8/11/2021	Result 11/10/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.000233	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.01	< 0.0002	< 0.000155	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.1	0.00559	< 0.00155	< 0.002	0.00331	< 0.002	0.0019	0.00269	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.00775	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.000233	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.000155	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.00775	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.00775	< 0.01	< 0.0004	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.00031	< 0.0004	< 0.01	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.000465	< 0.0006	< 0.0006	< 0.0006	0.00185	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.000155	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.13
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.41
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	0.45	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.13
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	0.32	0.21	< 2	0.13	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	0.54

Notes:
B = Analyte detected in associated method blank
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R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-18D Analyte	Unit	Remediation Objective (RO)	Result 2/16/2022	Result 5/9/2022	Result 9/7/2022	Result 11/29/2022	Result 2/14/2023	Result 5/16/2023	Result 9/14/2023	Result 10/26/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	0.00295	0.00284	< 0.002	< 0.002	0.0015 J	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 B
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.01	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 0.2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	0.54 J	< 2 B	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	0.12 J	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-19S Analyte	Unit	Remediation Objective (RO)	Result 3/4/2015	Result 5/11/2015	Result 8/20/2015	Result 11/4/2015	Result 2/18/2016	Result 5/25/2016	Result 8/18/2016	Result 11/16/2016	Result 2/16/2017	Result 5/17/2017	Result 8/18/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.00714 H	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0002	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.00714 H	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0002	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.00071 H	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0002	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00071 H	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0002	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00595	0.0304 H	0.00871	0.00222	0.00259	---	---	---	---	0.0109	0.00473
Chrysene	mg/L	0.0015	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	0.00079 H	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0002	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.00071 H	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.00071 H	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001 B	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.00071 H	< 0.0064	0.0001 J	0.00012 J	< 0.0064	< 0.0064	< 0.0002	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.00071 H	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0002	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	0.45 J	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-19S Analyte	Unit	Remediation Objective (RO)	Result (DUP) 8/18/2017	Result 11/21/2017	Result 2/15/2018	Result 5/8/2018	Result 8/14/2018	Result 11/8/2018	Result 2/19/2019	Result (DUP) 2/19/2019	Result 5/7/2019	Result 8/13/2019	Result 11/13/2019
Acenaphthene	mg/L	0.42	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000054 J
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000071 J
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000051 J	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00579	< 0.006	0.0013 J	0.00502	0.0149	< 0.002	0.0146	0.00315	0.00632	0.0342	0.002 J
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000058 J
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	---	---	---	---	---	---	---	---	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	0.000112	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	< 0.0002	< 0.0002	< 0.0002
Phenanthrene	mg/L	-	< 0.0064	0.000175	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002 B	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 2	< 2	< 2	< 2	< 2	0.41 J	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 2	< 2	< 2	0.1 J	0.11 J	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-19S Analyte	Unit	Remediation Objective (RO)	Result 2/19/2020	Result 5/13/2020	Result 8/13/2020	Result 11/10/2020	Result 2/23/2021	Result 5/11/2021	Result 8/11/2021	Result 11/10/2021	Result 2/16/2022	Result- DUP 2/16/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.000234	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.000156	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.00156	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00781	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.000234	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.000156	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.00781	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.00781	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.000312	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.000469	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.000156	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.39	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-19S Analyte	Unit	Remediation Objective (RO)	Result 5/9/2022	Result 9/7/2022	Result 11/29/2022	Result - DUP 11/29/2022	Result 2/14/2023	Result - DUP 2/14/2023	Result 5/16/2023	Result 9/14/2023	Result 10/26/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	0.00238	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.01	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	0.5 J	0.46 BJ	< 2 B	< 2 B	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-19D Analyte	Unit	Remediation Objective (RO)	Result 3/4/2015	Result 5/11/2015	Result 8/20/2015	Result 11/4/2015	Result 2/18/2016	Result 5/25/2016	Result 8/18/2016	Result 11/16/2016	Result 2/16/2017	Result 5/17/2017	Result 8/18/2017	Result 11/21/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00207	0.00262	0.0023	0.0019 J	< 0.002	---	---	---	---	0.00452	0.00917	0.00917
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	0.00051 B	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	0.27 J	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-19D Analyte	Unit	Remediation Objective (RO)	Result 2/15/2018	Result 5/8/2018	Result 8/14/2018	Result 11/8/2018	Result 2/19/2019	Result 5/7/2019	Result 8/13/2019	Result 11/12/2019	Result 2/19/2020	Result 5/13/2020	Result - DUP 5/13/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000213	< 0.000219
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000142	< 0.000146
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00664	0.00352	0.00794	< 0.002	0.0019 J	0.00434	0.0232	0.00425	< 0.002	< 0.00142 C	< 0.00146 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00709	< 0.0073
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000213	< 0.000219
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000142	< 0.000146
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073
m,p-Cresol	mg/L	-	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00709	< 0.0073
o-Cresol	mg/L	0.35	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00709	< 0.0073
Naphthalene	mg/L	0.14	---	---	---	---	---	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000284	< 0.000292
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000426	< 0.000438
Pyrene	mg/L	0.21	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000142	< 0.000146
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	0.37 J	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-19D Analyte	Unit	Remediation Objective (RO)	Result 8/13/2020	Result 11/10/2020	Result - DUP 11/10/2020	Result 2/23/2021	Result 5/11/2021	Result 8/11/2021	Result 11/10/2021	Result 2/16/2022	Result 5/9/2022	Result 9/7/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	0.00391
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	0.13	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	0.5	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	0.32	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	0.12	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	0.12	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	0.62	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-19D Analyte	Unit	Remediation Objective (RO)	Result 11/29/2022	Result 2/14/2023	Result 5/16/2023	Result 9/14/2023	Result 10/26/2023
Acenaphthene	mg/L	0.42	< 0.0001	0.000159	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.01	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 0.2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	0.47	BJ	B	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
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Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-20 Analyte	Unit	Remediation Objective (RO)	Result 3/5/2015	Result (DUP) 3/5/2015	Result 5/11/2015	Result 8/20/2015	Result 11/4/2015	Result 2/18/2016	Result 5/27/2016	Result 8/18/2016	Result 11/16/2016	Result 2/16/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	0.00009 J	0.00016	< 0.0001	< 0.0001	0.00008 J	< 0.0001	0.00009 J	0.00007 J
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	0.00024	0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.0001 J	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	0.00019	0.00022	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	0.00024 J	0.00024 J	< 0.00076	< 0.00076	< 0.00076	< 0.00076	0.00012 J	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	---	---	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	0.00011 J	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	0.00015	0.00016	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001 B	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	0.0001 J	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	0.00014 J	0.00019 J	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	0.45 J	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-20 Analyte	Unit	Remediation Objective (RO)	Result 5/17/2017	Result 8/18/2017	Result 11/21/2017	Result 2/15/2018	Result 5/10/2018	Result 8/14/2018	Result 11/8/2018	Result 2/19/2019	Result 5/7/2019	Result 8/13/2019
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.0001	< 0.0001	0.00007 J	0.000184	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	0.000058 J	0.000086 J	0.000146	< 0.0001	< 0.0001	< 0.0001	0.000053 J
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	0.000214	0.000089 J	0.000178	0.000471	< 0.0001	0.000052 J	< 0.0001	0.000082 J
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	0.000205	0.000074 J	0.000128	0.000364	< 0.0001	< 0.0001	< 0.0001	0.00007 J
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	0.000186	0.000138	0.000224	0.000513	< 0.0001	0.000076 J	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000064 J	0.000163	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	0.000108	< 0.0001	0.000055 J	0.000223	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000075 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	---	---	---	---	---	---	---	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	0.000094 J	0.000165	< 0.0002	< 0.0002	0.00017 J	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	0.000321	0.000096 J	0.000244	0.000536	< 0.0001	< 0.0001	< 0.0001	0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	< 0.0002	< 0.0002
Phenanthrene	mg/L	-	< 0.0064	0.00014 BJ	0.000205	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	0.000097 J	0.00018	0.000056 J	0.000135	0.000336	< 0.0002	< 0.0002	< 0.0002	0.00019 J
Benzene	µg/L	5.0	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-20 Analyte	Unit	Remediation Objective (RO)	Result 11/14/2019	Result 2/19/2020	Result 5/13/2020	Result 8/14/2020	Result 11/10/2020	Result 2/23/2021	Result 5/11/2021	Result (DUP) 5/11/2021	Result 8/11/2021	Result 11/10/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	0.000111	< 0.0001	0.000106	0.000139	0.000155	0.000075 J	0.000330	0.000509	0.000498	0.000229
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.000231	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003 B
Benzo(a)anthracene	mg/L	0.00013	0.000087 J	< 0.0001	0.000129	0.000195	0.000141	< 0.000100	0.000388	0.000671	0.000565	0.000316
Benzo(a)pyrene	mg/L	0.0002	0.000249	0.000107	0.000337	0.000648	0.000505	0.000238	0.001350	0.002230	0.00193	0.000893
Benzo(b)fluoranthene	mg/L	0.00018	0.000214	0.000138	0.000283	0.000586	0.000342	0.000174	0.001070	0.001840	0.00173	0.000825
Benzo(g,h,i)perylene	mg/L	-	0.000279	0.00017 J	0.000366	0.000805	0.000547	0.000243	0.001290	0.001970	0.00203	0.000894
Benzo(k)fluoranthene	mg/L	0.00017	0.000055 J	< 0.0001	0.000099	0.000147	0.000085 J	< 0.000100	0.000302	0.000497	0.000521	0.00017
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.00154 C	< 0.002 C	< 0.002 C	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	0.000109	< 0.0001	0.00013	0.000245	0.000183	0.000073 J	0.000548	0.000921	0.000754	0.000398
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.000077	0.000138	0.00008 J	< 0.0002	0.00018 J	0.000294	0.000376	0.00012 J
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.000231	< 0.0003	< 0.0003	< 0.0003	0.000342	0.000652	0.000616	0.000316
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.000154	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	0.000197	0.000148	0.000251	0.000537	0.000319	< 0.000200	0.000892	0.001470	0.0014	0.000611
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.000308	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.000462	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	0.00016 J	< 0.0002	0.000239	0.000248	0.000328	< 0.000200	0.000845	0.001510	0.00127	0.000613
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.12 J
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.47 J
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2 B	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	0.47 J

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-20 Analyte	Unit	Remediation Objective (RO)	Result 2/16/2022	Result 5/9/2022	Result 9/7/2022	Result 11/29/2022	Result 2/14/2023	Result 5/16/2023	Result 9/14/2023	Result 10/26/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	0.00062	0.00008 J	0.0007	0.000363	0.00067	0.000178	0.000635	0.000198
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	0.000693	0.000088 J	0.000921	0.00046	0.00065	0.000155	0.000976	0.000314
Benzo(a)pyrene	mg/L	0.0002	0.00224	0.000337	0.00271	0.00167	0.00282	0.000684	0.00315	0.00111
Benzo(b)fluoranthene	mg/L	0.00018	0.00198	0.000258	0.0024	0.00128	0.0022	0.000434	0.00269	0.000961
Benzo(g,h,i)perylene	mg/L	-	0.00219	0.000441	0.00283	0.00159	0.00261	0.000745	0.00324	0.00112
Benzo(k)fluoranthene	mg/L	0.00017	0.000629	0.00008 J	0.000695	0.000393	0.000508	0.000161	0.000771	0.000288
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	0.0016 J	< 0.002	< 0.002	< 0.002	0.0016 J	< 0.002
Chrysene	mg/L	0.0015	0.000937	0.000151	0.00118	0.000604	0.000941	0.000223	0.00131	0.000468
Dibenzo(a,h)anthracene	mg/L	0.0003	0.000408	< 0.0002	0.00049	0.00023	0.000475	0.00012 J	0.000681	0.00016 J
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	0.00069	< 0.0003	0.001	0.000582	0.000576	< 0.0003	0.00107	0.000333
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 B
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	0.00161	0.000345	0.00202	0.00107	0.00178	0.000442	0.00234	0.000712
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.0004	< 0.0004	< 0.01	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.01	< 0.01	< 0.0004	< 0.01	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	0.00156	0.000208 B	0.00197	0.00112	0.00123	0.000362	0.00227	0.000534
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	0.47 BJ	< 2 B	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	0.16 J	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	0.48 J	0.52 J
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-21 Analyte	Unit	Remediation Objective (RO)	Result 3/5/2015	Result 5/13/2015	Result 8/20/2015	Result (DUP) 8/20/2015	Result 11/4/2015	Result 2/18/2016	Result 5/26/2016	Result 8/18/2016	Result 11/16/2016	Result 2/15/2017	Result (DUP) 2/15/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00006 J	0.00007 J	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00384	< 0.002	0.00837	0.00812	0.001 J	< 0.002	---	---	---	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001	0.00022	0.00015	0.00016	< 0.0001	< 0.0001	---	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	0.00019	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	0.35 J	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.2 B	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	2.51	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	0.43 J	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	0.35 J	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-21 Analyte	Unit	Remediation Objective (RO)	Result 5/17/2017	Result 8/17/2017	Result 11/21/2017	Result 2/14/2018	Result 5/10/2018	Result 8/13/2018	Result 11/8/2018	Result 2/19/2019	Result 5/7/2019	Result 8/14/2019	Result 11/13/2019
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	0.00016 J	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000054 J	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00006 J	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000054 J	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.0019 J	0.0015 J	< 0.006	0.0013 J	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000043 J	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	---	---	---	---	---	---	---	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	0.00015 J	< 0.0021	0.000107 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	0.00011 J	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	< 0.0002	< 0.0002	< 0.0002
Phenanthrene	mg/L	-	0.00018 J	< 0.0064	0.000214 B	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	0.00012 J	< 0.0027	< 0.0001 B	0.000041 J	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.1	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-21 Analyte	Unit	Remediation Objective (RO)	Result 2/20/2020	Result 5/12/2020	Result 8/14/2020	Result 11/11/2020	Result 2/24/2021	Result 5/12/2021	Result 8/11/2021	Result 11/9/2021	Result 2/16/2022	Result 5/11/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.000214	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.000071	0.000072 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.000071	0.00007 J	< 0.0001	< 0.0002	< 0.0002	0.00012 J	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	0.000069 J	< 0.000071	0.000123	0.000074 J	< 0.000100	< 0.000100	0.000132	< 0.0001	0.000076 J	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.000143	0.0001 J	0.000054 J	< 0.000200	< 0.000200	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000052 J	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.00143	0.00271 C	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	0.00212	0.0016 J
Chrysene	mg/L	0.0015	< 0.0001	< 0.000071	0.000071 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000067 J	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00714	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.000214	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.000143	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	0.000087 J	< 0.000071	0.000126	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.00714	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.00714	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	< 0.0002	< 0.000286	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0004	< 0.000429	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.000143	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	0.00018 J	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.12 J	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.47 J	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.1 J	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	0.43 J	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	0.57 J	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B								
Summary of Analytical Results								
2015 - October 2023								
Ameren Taylorville, IL MGP Site								
GW-21 Analyte	Unit	Remediation Objective (RO)	Result 9/7/2022	Result 11/29/2022	Result 2/14/2023	Result 5/17/2023	Result 9/15/2023	Result 10/27/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	0.000109	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000143
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000056 J
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	0.0015 J	0.0017 J	< 0.002	< 0.002	0.00222
Chrysene	mg/L	0.0015	0.000052 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000089 J
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.0004	< 0.0004	< 0.01	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.01	< 0.01	< 0.0004	< 0.01	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2 B	< 2 B	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-22S Analyte	Unit	Remediation Objective (RO)	Result 3/3/2015	Result 5/12/2015	Result 8/18/2015	Result 11/3/2015	Result 2/17/2016	Result 5/25/2016	Result 8/17/2016	Result 11/15/2016	Result 2/15/2017	Result 5/16/2017	Result 8/17/2017	Result 11/22/2017
Acenaphthene	mg/L	0.42	< 0.0208	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001
Acenaphthylene	mg/L	-	< 0.0208	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001
Anthracene	mg/L	2.1	< 0.0138	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00158	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001
Benzo(k)fluoranthene	mg/L	0.00017	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.00417	< 0.002	0.0013	J	< 0.002	< 0.002	---	---	---	0.0015	J	0.00399
Chrysene	mg/L	0.0015	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.00688	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---
Fluoranthene	mg/L	0.28	< 0.00438	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	0.0001	< 0.0001
Fluorene	mg/L	0.28	< 0.00438	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	0.00031	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0133	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	0.000134
Pyrene	mg/L	0.21	< 0.00562	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	B	< 0.2	0.29	< 0.2	< 0.2	< 0.5
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	0.52	J	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	0.27	J	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 1

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-22S Analyte	Unit	Remediation Objective (RO)	Result 2/14/2018	Result 5/8/2018	Result 8/14/2018	Result (DUP) 8/14/2018	Result 11/7/2018	Result 2/20/2019	Result 5/8/2019	Result 8/14/2019	Result 11/13/2019	Result 2/20/2020	Result 5/14/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000637	< 0.000231
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000088 J	< 0.000077
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000061 J	< 0.000077
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000154
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.0017 J	0.00445	0.00264	0.00477	< 0.002	< 0.002	0.00455	< 0.002	< 0.002	< 0.002	0.00191 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000084 J	< 0.000077
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00769
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	0.00015 J	< 0.0002	0.00015 J	< 0.0002	< 0.0002	< 0.0002	< 0.0002	0.000524	< 0.000231
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000154
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000093 J	< 0.000077
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00769
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00769
Naphthalene	mg/L	0.14	---	---	---	---	---	---	0.000203	< 0.0002	< 0.0002	< 0.0002	< 0.000308
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	0.000695	< 0.000462
Pyrene	mg/L	0.21	0.000035	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	0.000449	< 0.000154
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2	0.5 J	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-22S Analyte	Unit	Remediation Objective (RO)	Result - DUP 5/14/2020	Result 8/13/2020	Result 11/9/2020	Result 2/22/2021	Result 5/12/2021	Result 8/11/2021	Result - DUP 8/11/2021	Result 11/9/2021	Result - DUP 11/9/2021	Result 2/16/2022	Result 5/10/2022
Acenaphthene	mg/L	0.42	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000068 J	< 0.0001
Anthracene	mg/L	2.1	< 0.000231	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.000077	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000071 J	0.00007 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.000154	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.00154 C	0.00279 C	0.00517	0.0017 J	0.00472	0.00983	0.00753	< 0.002 B	0.0016 BJ	< 0.002	0.00347
Chrysene	mg/L	0.0015	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000077	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.000231	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.000154	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000077	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.000308	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.000462	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.000154	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	0.14 J	< 1	< 1	< 1	0.11 J	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	0.2 J	< 1	< 1	0.39 J	0.47 J	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2 B	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	0.13 J	< 1	< 1	< 1	0.11 J	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	0.12 J
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	0.33 J	< 2	< 2	0.39 J	0.58 J	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
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R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-22S Analyte	Unit	Remediation Objective (RO)	Result 9/7/2022	Result 11/29/2022	Result 2/14/2023	Result 5/16/2023	Result 9/14/2023	Result 10/26/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	0.0019 J	0.0038
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.0004	< 0.0004	< 0.01	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.01	< 0.01	< 0.0004	< 0.01	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 0.2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	0.47 BJ	< 2 B	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	0.22 J	0.25 J	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
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Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-22D Analyte	Unit	Remediation Objective (RO)	Result 3/3/2015	Result 5/12/2015	Result 8/18/2015	Result 11/3/2015	Result 2/17/2016	Result 5/25/2016	Result 8/16/2016	Result 11/15/2016	Result 2/15/2017	Result 5/16/2017	Result 8/17/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00006 J	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.0029	0.00494	0.00646	0.00803	0.0011 J	---	---	---	---	0.00298	0.00913
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	0.00014	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	0.73	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	0.25 J	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-22D Analyte	Unit	Remediation Objective (RO)	Result (DUP) 8/17/2017	Result 11/22/2017	Result 2/14/2018	Result 5/8/2018	Result 8/14/2018	Result 11/7/2018	Result 2/20/2019	Result (DUP) 2/20/2019	Result 5/8/2019	Result 8/14/2019	Result 11/13/2019	Result 2/20/2020
Acenaphthene	mg/L	0.42	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00566	< 0.006	0.00529	0.00829	0.00939	0.00579	0.00243	0.00215	0.0111	0.00834	0.00636	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	---	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	0.000142	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	0.00126	< 0.0002	< 0.0002	< 0.0002
Phenanthrene	mg/L	-	< 0.0064	0.000882	< 0.0001	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.1	< 2	< 2	< 2	< 2	< 2	< 2	2.86	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-22D Analyte	Unit	Remediation Objective (RO)	Result 5/11/2020	Result 8/12/2020	Result 11/9/2020	Result 2/23/2021	Result 5/12/2021	Result 8/12/2021	Result 11/9/2021	Result 2/16/2022	Result 5/10/2022	Result 9/6/2022	Result 11/28/2022
Acenaphthene	mg/L	0.42	< 0.000081	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.000081	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.000242	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.000081	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.000081	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000081	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.000161	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000081	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.00161 C	< 0.002 C	< 0.002 C	< 0.002 C	< 0.002	< 0.002	< 0.002 B	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.000081	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000081	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.00806	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.000242	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.000161	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000081	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.00806	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.00806	< 0.01	< 0.0004	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.000323	< 0.0004	< 0.01	< 0.0004	< 0.0004	< 0.0004	0.000955	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.000484	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.000161	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	0.52	1.2	0.45 J	0.21 J	< 0.5 S	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	0.12 J	< 1 S	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	0.43 J	< 1 S	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2 B	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2 B
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	0.11 J	< 1 S	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2 S	< 2	< 2	0.11 J
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	0.54 J	< 2 S	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-22D Analyte	Unit	Remediation Objective (RO)	Result 2/14/2023	Result 5/16/2023	Result 9/14/2023	Result 10/26/2023	Result - DUP 10/26/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002 B	< 0.0002 B
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.01	< 0.01	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	0.59 J	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-25 Analyte	Unit	Remediation Objective (RO)	Result 2/19/2020	Result 5/13/2020	Result 8/14/2020	Result (DUP) 8/14/2020	Result 8/14/2020	Result 11/11/2020	Result 2/23/2021	Result 5/12/2021	Result 8/11/2021	Result 11/8/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.000226	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.00015	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.0015 C	< 0.002 C	< 0.002 C	< 0.002 C	< 0.002 C	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00752	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.000226	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.00015	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	0.00069 J	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.00752	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.000301	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.000451	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.00015	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.11 J
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.48 J
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	0.45 J	< 2	< 2	< 2	< 2	< 2 B	3.29	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.1 J
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	0.58 J

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-25 Analyte	Unit	Remediation Objective (RO)	Result 2/15/2022	Result 5/10/2022	Result 9/6/2022	Result 11/28/2022	Result 2/13/2023	Result 5/15/2023	Result 9/14/2023	Result 10/26/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	0.012 J	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 B
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.01	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.16 J
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 0.2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2 B	0.46 BJ	< 2 B	< 2	1.5 J	3.77
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	0.4 J	0.29 J	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-26 Analyte	Unit	Remediation Objective (RO)	Result 2/19/2020	Result 5/13/2020	Result 8/13/2020	Result 11/10/2020	Result 2/24/2021	Result 5/11/2021	Result 8/12/2021	Result 11/8/2021	Result 2/15/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000072 J	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.000213	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000081 J	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.000142	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.00142 C	< 0.002 C	< 0.002 C	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00709	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.000213	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.000142	< 0.0002	< 0.0002	< 0.0002	< 0.0002	0.000215	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.000071	0.000082 J	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.00709	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.00709	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.000284	< 0.0004	< 0.0004	< 0.0004	< 0.0004	0.00429	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.000426	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.000142	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.15 J	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.52 J	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2 B	0.52 J	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.12 J	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	0.64 J	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B Summary of Analytical Results 2015 - October 2023 Ameren Taylorville, IL MGP Site									
GW-26 Analyte	Unit	Remediation Objective (RO)	Result 5/10/2022	Result 9/6/2022	Result 11/28/2022	Result 2/13/2023	Result 5/15/2023	Result 9/15/2023	Result 10/26/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	0.0018 J	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 B
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.01	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 0.2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2 B	< 2 B	< 2	0.69 J	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	0.21 J	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

G-101S Analyte	Unit	Remediation Objective (RO)	Result 5/14/2015	Result (DUP) 5/14/2015	Result 5/27/2016	Result (DUP) 5/27/2016	Result 5/18/2017	Result (DUP) 5/18/2017	Result (DUP) 5/9/2018	Result 5/6/2019	Result 5/13/2020	Result 5/11/2021	Result 5/10/2022	Result 5/16/2023
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000234	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	0.00016	J	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0002	< 0.000156	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	---	---	< 0.002	< 0.002	< 0.002	< 0.002	< 0.00156	C	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00781	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000234	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000156	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	0.00014	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.0001	< 0.0001	---	---	---	---	---	---	< 0.00781	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	---	---	---	---	---	---	< 0.00781	< 0.01	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	< 0.0002	< 0.000312	< 0.0004	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.000469	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000156	< 0.0002	< 0.0002	B
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 0.2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	B	< 0.2	B	< 0.2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 2	B	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 1	B	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

G-102S Analyte	Unit	Remediation Objective (RO)	Result 5/14/2015	Result 5/27/2016	Result (DUP) 5/27/2016	Result 5/18/2017	Result (DUP) 5/18/2017	Result 5/9/2018	Result 5/6/2019	Result 5/13/2020	Result 5/11/2021	Result 5/10/2022	Result 5/16/2023
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000214	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0002	< 0.000143	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	---	< 0.002	< 0.002	< 0.002	< 0.002	< 0.00143 C	0.0019 J	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00714	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000214	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000143	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	---	---	< 0.00714	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	---	---	< 0.00714	< 0.01	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	---	---	---	---	---	---	< 0.0002	< 0.000286	< 0.0004	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	0.00018 J	< 0.0064	< 0.0004	< 0.0004	< 0.000429	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000143	< 0.0002	< 0.0002 B	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 0.2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2 B	< 0.2 B	< 0.2	< 0.2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 2 B	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	0.41 J	< 4	< 4	< 4	< 4	< 1 B	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

G-102D Analyte	Unit	Remediation Objective (RO)	Result 5/14/2015	Result 5/27/2016	Result 5/18/2017	Result 5/9/2018	Result 5/6/2019	Result 5/13/2020	Result 5/11/2021	Result 5/10/2022	Result - DUP 5/10/2022	Result 5/16/2023
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	SR	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000221	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0002	< 0.000147	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	< 0.002	< 0.002	0.0053	< 0.00147	C	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00735	< 0.01	0.00085	J	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000221	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000147	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	< 0.00735	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	< 0.00735	< 0.01	< 0.01	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	---	---	---	---	< 0.0002	< 0.000294	< 0.0004	< 0.0004	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.000441	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000147	< 0.0002	< 0.0002	B	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 0.2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 2	B	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1	B	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

G-103S Analyte	Unit	Remediation Objective (RO)	Result 5/12/2015	Result 5/26/2016	Result (DUP) 5/26/2016	Result 5/16/2017	Result 5/9/2018	Result 5/6/2019	Result (DUP) 5/6/2019	Result 5/12/2020	Result 5/12/2021	Result 5/11/2022	Result 5/17/2023
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 0.0001	< 0.0001	< 0.0001 H
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 0.0001	< 0.0001	< 0.0001 H
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	S < 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.000219	< 0.0003	< 0.0003	< 0.0003 H
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 0.0001	< 0.0001	< 0.0001 H
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 0.0002	< 0.0002	< 0.0002 H
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 0.0001	< 0.0001	< 0.0001 H
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	0.0001	J < 0.00076	< 0.00076	< 0.0001	< 0.0002	< 0.0002	< 0.000146	< 0.0002	< 0.0002	< 0.0002 H
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	S < 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 0.0001	< 0.0001	< 0.0001 H
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	---	< 0.002	< 0.002	< 0.002	0.002	J < 0.00146	C < 0.002	< 0.002	< 0.002 H
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 0.0001	< 0.0001	< 0.0001 H
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	0.00008	J < 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 0.0002	< 0.0002	< 0.0002 H
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	S < 0.0033	< 0.0033	---	---	---	< 0.0073	< 0.01	< 0.01	< 0.01 H
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	S < 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.0002	< 0.000219	< 0.0003	< 0.0003	< 0.0003 H
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.000146	< 0.0002	< 0.0002	< 0.0002 H
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 0.0002	< 0.0002	< 0.0002 H
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	---	---	< 0.0073	< 0.01	< 0.01	< 0.01 H
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	---	---	< 0.0073	< 0.01	< 0.01	< 0.0004 H
Naphthalene	mg/L	0.14	---	---	---	---	---	< 0.0002	< 0.0002	< 0.000292	< 0.0004	< 0.0004	< 0.01 H
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	S < 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.0004	< 0.000438	< 0.0006	< 0.0006	< 0.0006 H
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	S < 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.0002	< 0.000146	< 0.0002	< 0.0002	< 0.0002 H
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 0.2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	B < 0.2	< 0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	0.13 J
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 1	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

G-103D Analyte	Unit	Remediation Objective (RO)	Result 5/12/2015	Result 5/26/2016	Result 5/16/2017	Result 5/9/2018	Result (DUP) 5/9/2018	Result 5/6/2019	Result 5/12/2020	Result - DUP 5/12/2020	Result 5/12/2021	Result 5/11/2022	Result 5/17/2023			
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0001	< 0.0001	< 0.0001	H		
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0001	< 0.0001	< 0.0001	H		
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000294	< 0.00024	< 0.000214	< 0.0003	< 0.0003	< 0.0003	H		
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0001	< 0.0001	< 0.0001	H		
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0002	< 0.0002	< 0.0002	H		
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0001	< 0.0001	< 0.0001	H		
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.000588	< 0.00016	< 0.000143	< 0.0002	< 0.0002	< 0.0002	H		
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0001	< 0.0001	< 0.0001	H		
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.0013	J	---	< 0.002	< 0.002	< 0.00588	< 0.0016	C	< 0.00143	C	< 0.002	< 0.002	0.0015	JH
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	H	
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0002	< 0.0002	< 0.0002	< 0.0002	H	
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	---	< 0.008	< 0.00714	< 0.01	< 0.01	< 0.01	< 0.01	H	
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000588	< 0.00024	< 0.000214	< 0.0003	< 0.0003	< 0.0003	< 0.0003	H	
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000294	< 0.00016	< 0.000143	< 0.0002	< 0.0002	< 0.0002	< 0.0002	H	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0002	< 0.0002	< 0.0002	< 0.0002	H	
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	---	< 0.008	< 0.00714	< 0.01	< 0.01	< 0.01	< 0.01	H	
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	---	< 0.008	< 0.00714	< 0.01	< 0.01	< 0.01	< 0.0004	H	
Naphthalene	mg/L	0.14	---	---	---	---	---	< 0.00059	< 0.00032	< 0.000286	< 0.0004	< 0.0004	< 0.01	< 0.01	H	
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.00118	< 0.00048	< 0.000429	< 0.0006	< 0.0006	< 0.0006	< 0.0006	H	
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0001	< 0.000588	< 0.00016	< 0.000143	< 0.0002	< 0.0002	< 0.0002	< 0.0002	H	
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 0.2		
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1		
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1		
Methylene chloride	µg/L	5.0	< 0.2	0.2	B	< 0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2		
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 2	< 2	B	< 2	< 2	< 2	< 2	< 2	< 2		
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1		
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2		
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2		
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1	< 1	B	< 2	< 2	< 2	< 2	< 2	< 2		

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

QC Samples Analyte	Unit	Remediation Objective (RO)	Field Blank 1 Result 5/13/2020	Field Blank 1 Result 8/12/2020	Field Blank 2 Result 8/14/2020	Field Blank 1 Result 11/9/2020	Field Blank 1 Result 2/24/2021	Trip Blank 1 Result 8/12/2021	Trip Blank 2 Result 8/12/2021	Trip Blank 1 Result 11/10/2021	Trip Blank 2 Result 11/10/2021	Field Blank 1 Result 11/9/2021
Acenaphthene	mg/L	0.42	0.000193	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA	NA	< 0.0001
Acenaphthylene	mg/L	-	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA	NA	< 0.0001
Anthracene	mg/L	2.1	< 0.000231	< 0.0003	< 0.0003	< 0.0003	< 0.0003	NA	NA	NA	NA	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA	NA	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0002	NA	NA	NA	NA	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA	NA	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.000154	< 0.0002	< 0.0002	< 0.0002	< 0.0002	NA	NA	NA	NA	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA	NA	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.00154 C	< 0.002 C	< 0.002 C	< 0.002 C	< 0.002	NA	NA	NA	NA	0.002 BJ
Chrysene	mg/L	0.0015	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA	NA	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0002	NA	NA	NA	NA	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	NA	NA	NA	NA	< 0.01
Fluoranthene	mg/L	0.28	< 0.000231	< 0.0003	< 0.0003	< 0.0003	< 0.0003	NA	NA	NA	NA	< 0.0003
Fluorene	mg/L	0.28	0.000311	< 0.0002	< 0.0002	< 0.0002	< 0.0002	NA	NA	NA	NA	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000077	< 0.0001	0.000078 J	< 0.0001	< 0.0002	NA	NA	NA	NA	< 0.0002
m,p-Cresol	mg/L	-	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	NA	NA	NA	NA	< 0.01
o-Cresol	mg/L	0.35	< 0.00769	< 0.01	< 0.01	< 0.0004	< 0.0004	NA	NA	NA	NA	< 0.0004
Naphthalene	mg/L	0.14	< 0.000308	< 0.0004	< 0.0004	< 0.01	< 0.01	NA	NA	NA	NA	< 0.01
Phenanthrene	mg/L	-	< 0.000462	< 0.0006	< 0.0006	< 0.0006	< 0.0006	NA	NA	NA	NA	< 0.0006
Pyrene	mg/L	0.21	< 0.000154	< 0.0002	< 0.0002	< 0.0002	< 0.0002	NA	NA	NA	NA	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.21 J	0.2 J	0.12 J
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	0.29 J	< 1	< 1	0.21 J	0.85 J	0.93 J	0.37 J
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2 B	< 2	< 2	< 2	0.67 J	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.16 J	0.19 J	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	0.11 J	0.11 J	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	0.29 J	< 2	< 2	< 2	1 J	1.1 J	0.37 J

Notes:
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mg/L = milligrams per liter
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Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

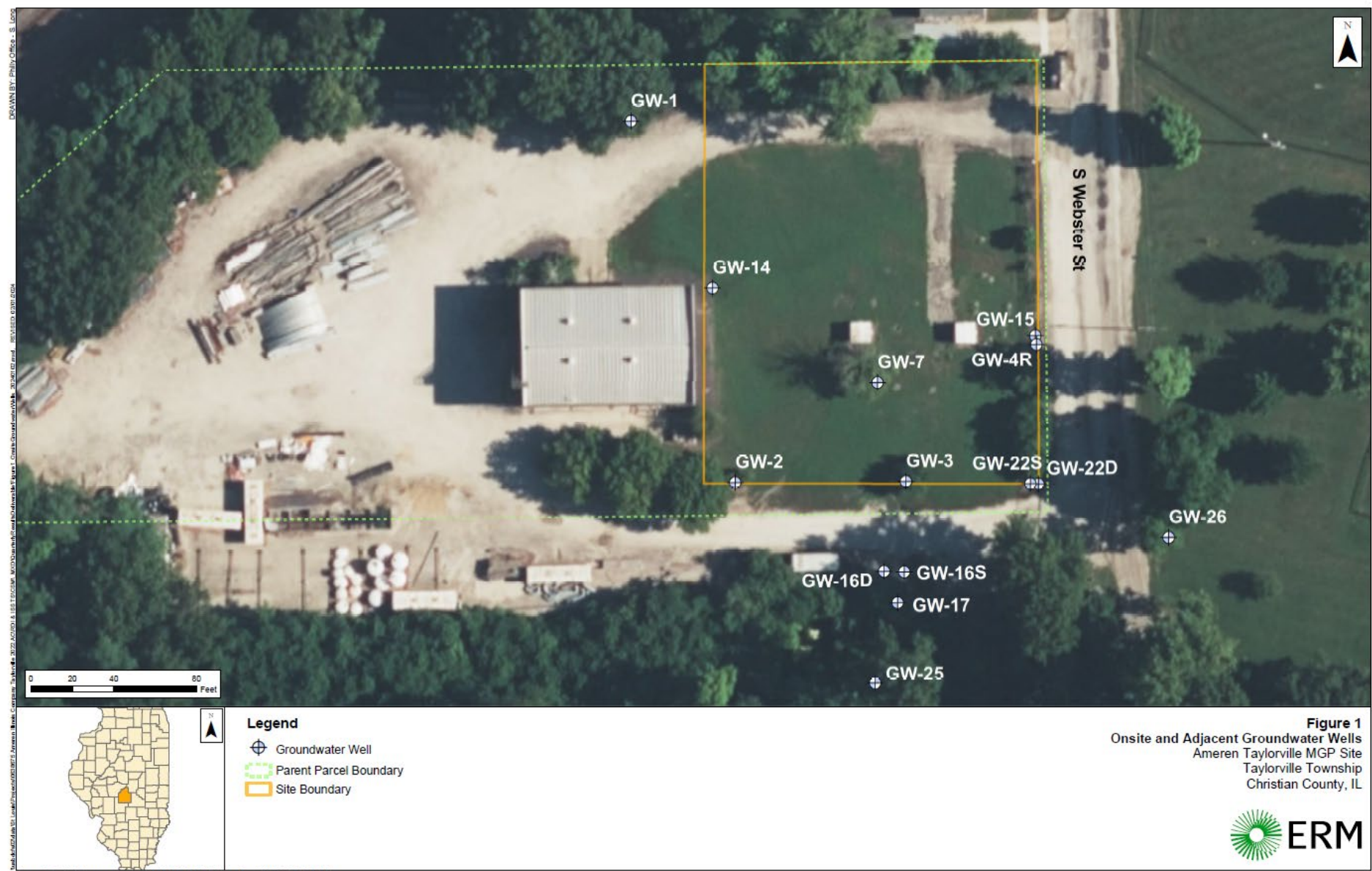
QC Samples Analyte	Unit	Remediation Objective (RO)	Trip Blank 1 Result 2/15/2023	Trip Blank 2 Result 2/15/2023	Trip Blank 1 Result 5/15/2023	Trip Blank 2 Result 5/15/2023	Trip Blank 1 Result 9/15/2023	Trip Blank 1 Result 10/25/2023	Field Blank 1 Result 10/26/2023	Field Blank 2 Result 10/27/2023
Acenaphthene	mg/L	0.42	NA	NA	NA	NA	NA	NA	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	NA	NA	NA	NA	NA	NA	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	NA	NA	NA	NA	NA	NA	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	NA	NA	NA	NA	NA	NA	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	NA	NA	NA	NA	NA	NA	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	NA	NA	NA	NA	NA	NA	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	NA	NA	NA	NA	NA	NA	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	NA	NA	NA	NA	NA	NA	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	NA	NA	NA	NA	NA	NA	< 0.002	< 0.002
Chrysene	mg/L	0.0015	NA	NA	NA	NA	NA	NA	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	NA	NA	NA	NA	NA	NA	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	NA	NA	NA	NA	NA	NA	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	NA	NA	NA	NA	NA	NA	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	NA	NA	NA	NA	NA	NA	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	NA	NA	NA	NA	NA	NA	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	NA	NA	NA	NA	NA	NA	< 0.01	< 0.01
o-Cresol	mg/L	0.35	NA	NA	NA	NA	NA	NA	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	NA	NA	NA	NA	NA	NA	< 0.01	< 0.01
Phenanthrene	mg/L	-	NA	NA	NA	NA	NA	NA	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	NA	NA	NA	NA	NA	NA	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
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Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

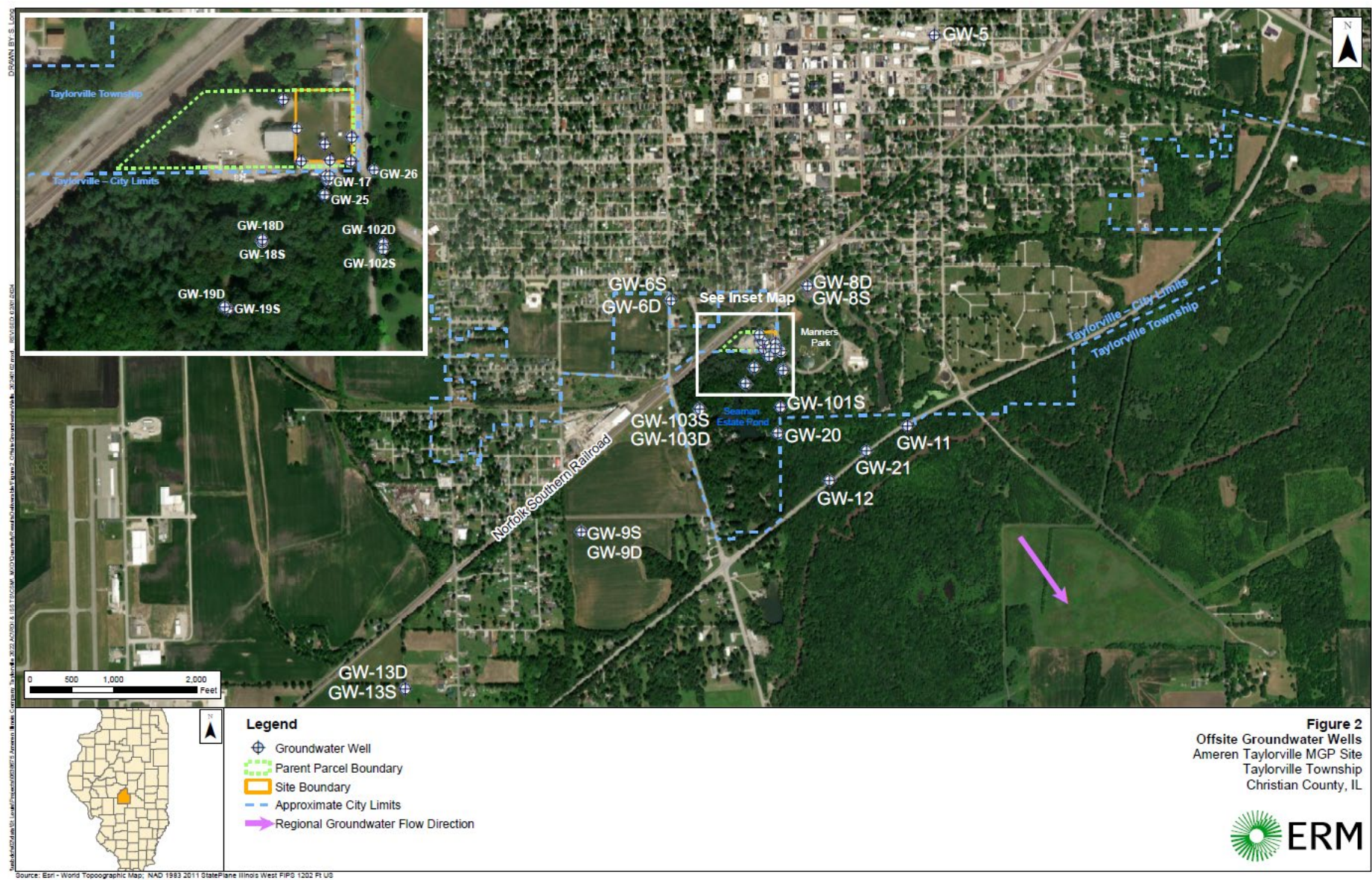
An aerial photograph of a residential area, showing a road, trees, and a building. The image is dark and serves as a background for the title text.

Ameren Taylorville FMGP GWM results 2020- 2023

Onsite and Adjacent Monitoring Wells



Offsite Monitoring Wells



Monitoring Well Abandonment Status

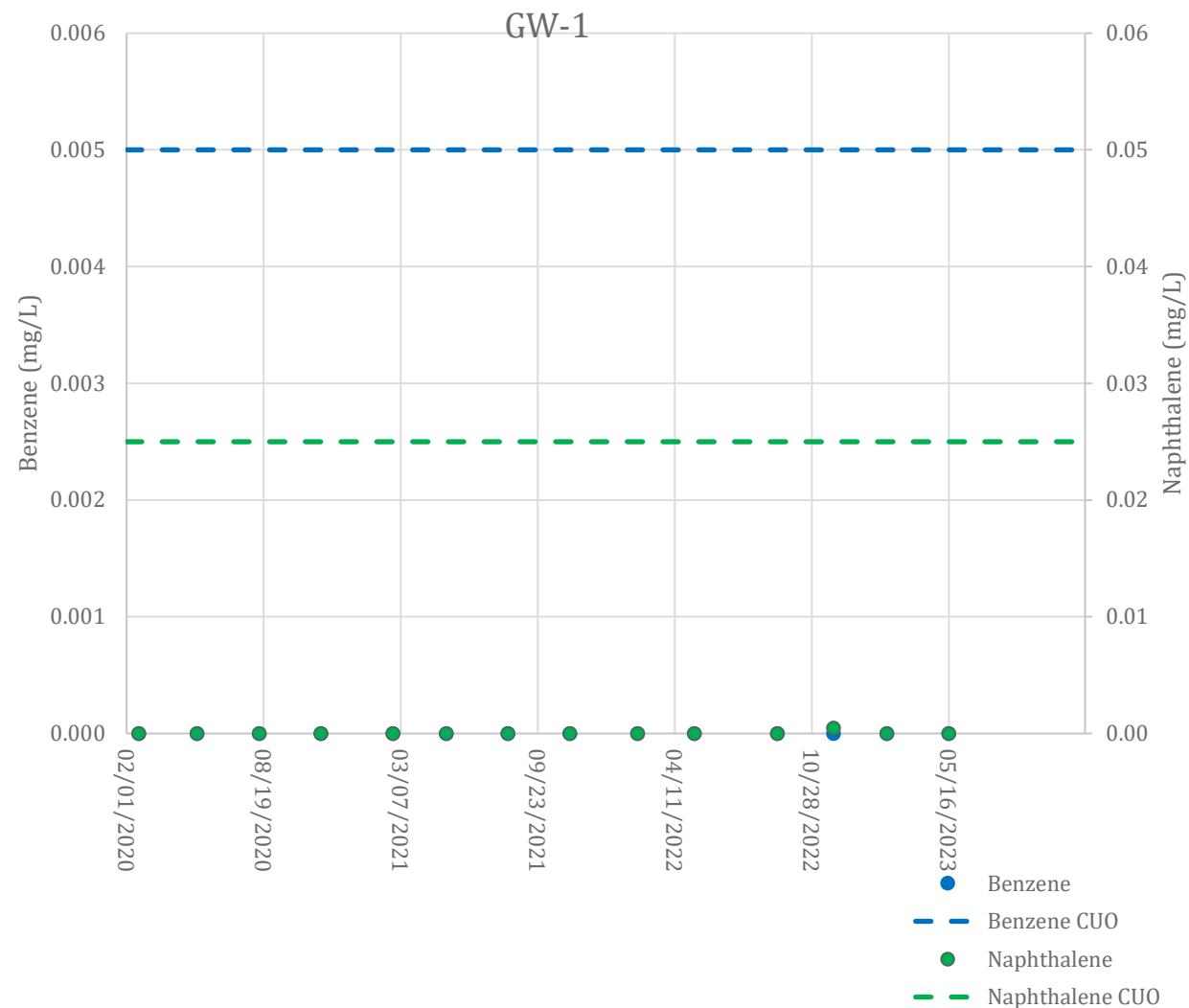
Currently Abandoned as of 2/1/2024:

- GW-1
- GW-3
- GW-13S
- GW-13D
- GW-103D
- GW-103S

Scheduled to be Abandoned mid February 2024:

- GW-2
- GW-9S
- GW-9D

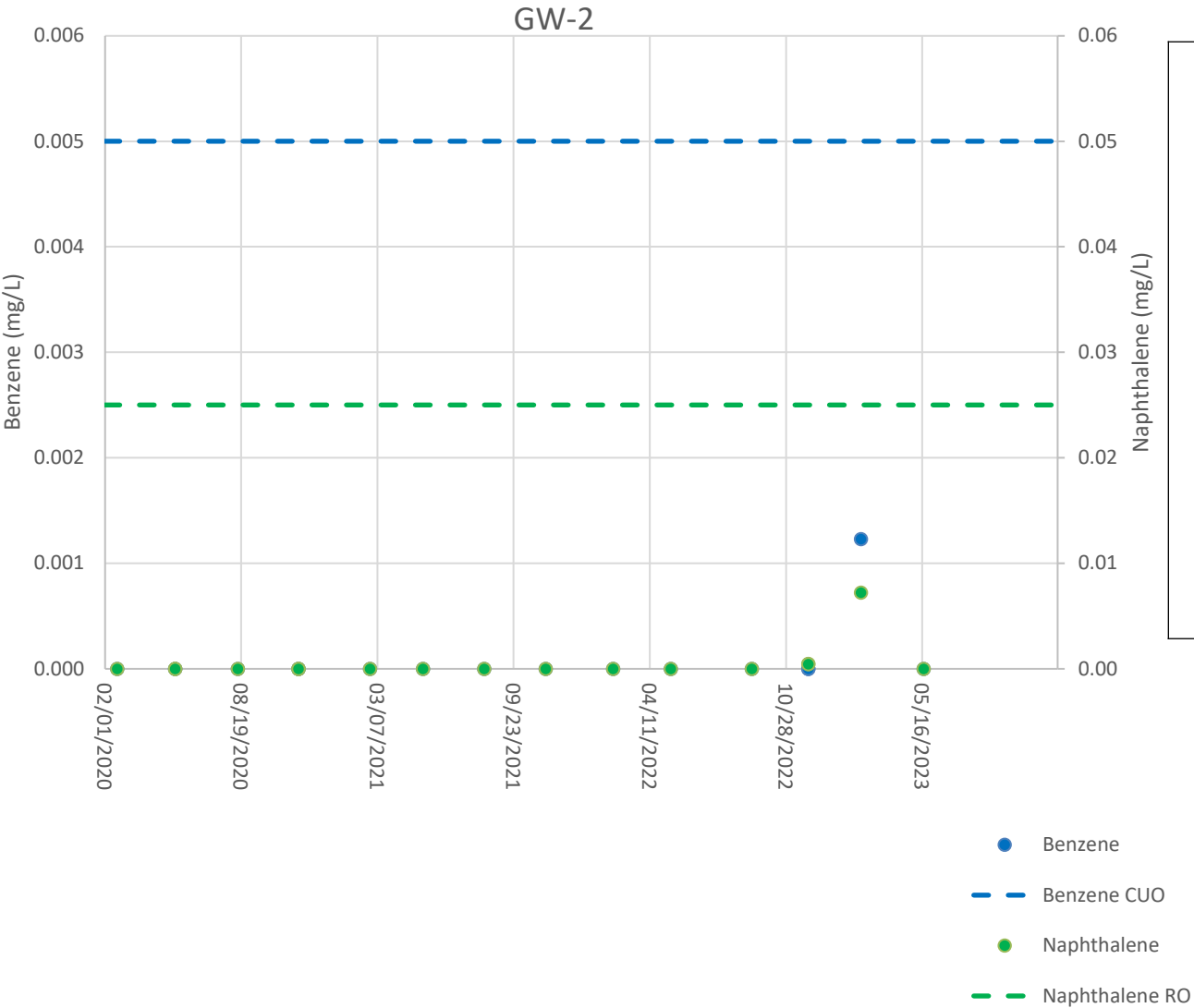
GW-1 (Abandoned)



GW-1	Sample date	Benzene mg/L	Benz(a)anthracene mg/L	Benzo(a)pyrene mg/L	Naphthalene mg/L
	2/19/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	5/14/2020	< 0.0005	< 0.000074	< 0.000074	< 0.002
	8/13/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	11/11/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	2/24/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/13/2021	< 0.0005	--	--	< 0.002
	8/11/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	11/9/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	2/16/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/10/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	9/8/2022	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	11/29/2022	< 0.00050	< 0.000100	< 0.000200	0.00048
	2/15/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	5/16/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200

Bolded results indicate detection above laboratory reporting limits.

GW-2



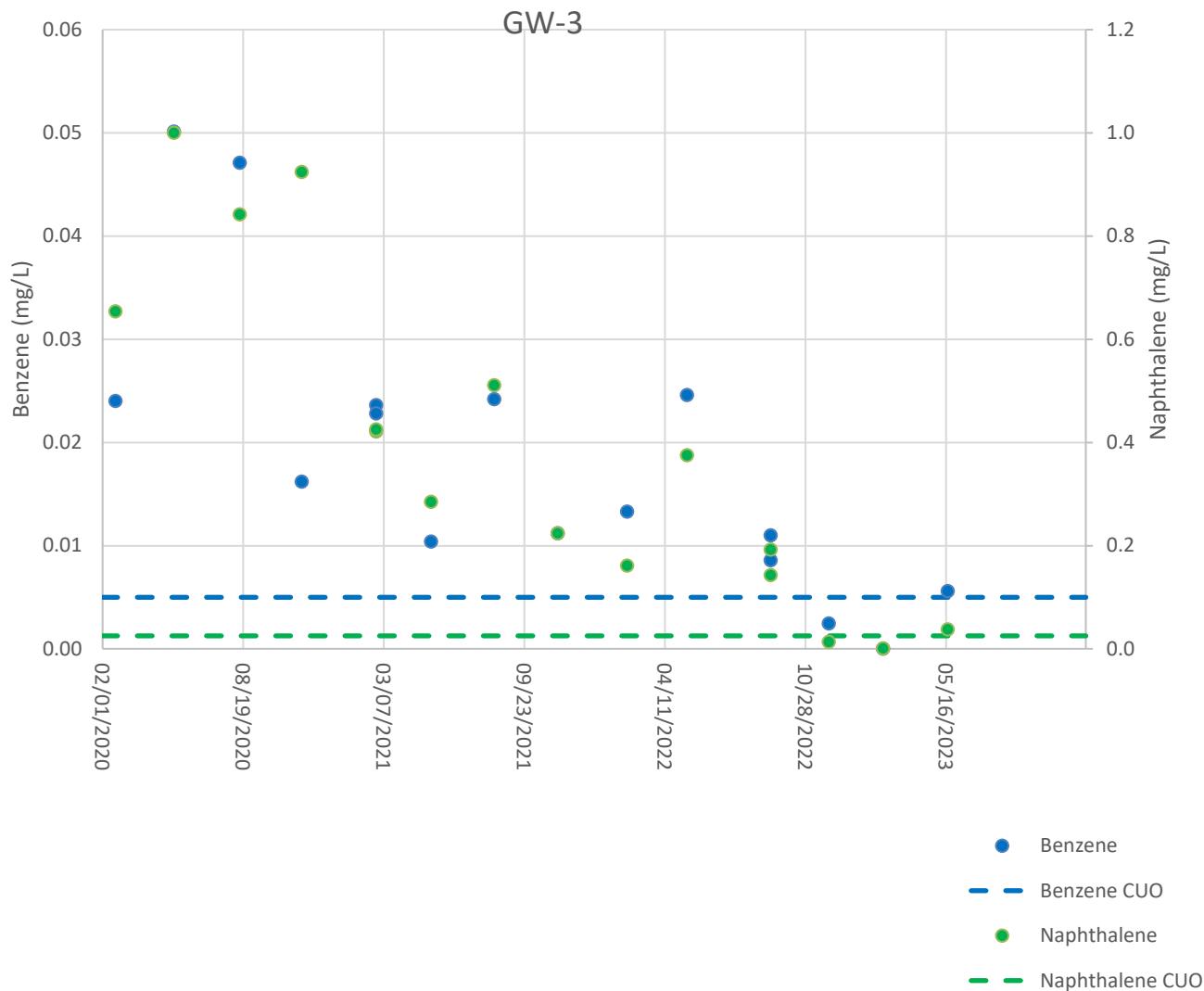
GW-2	Sample date	Benzene mg/L	Benz(a)anthracene mg/L	Benzo(a)pyrene mg/L	Naphthalene mg/L
	2/19/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	5/14/2020	< 0.0005	< 0.000085	< 0.000085	< 0.002
	5/14/2020	< 0.0005	< 0.000073	< 0.000073	< 0.002
	8/14/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	11/11/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	11/11/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	2/24/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/13/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	8/11/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	11/9/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	2/16/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/12/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	9/8/2022	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	11/30/2022	< 0.00050	< 0.000100	< 0.000200	0.00047
	11/30/2022	< 0.00050	< 0.000100	< 0.000200	0.00046
	2/15/2023	0.00123	< 0.000090	< 0.000179	0.00722
	5/18/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200

Bolded results indicate detection above laboratory reporting limits.

GW-2 observed to be damaged during Q3 2023 sampling event. Unable to be sampled or gauged. Scheduled for abandonment February 2024.

**Monitoring well
(formerly) located within
Site boundary**

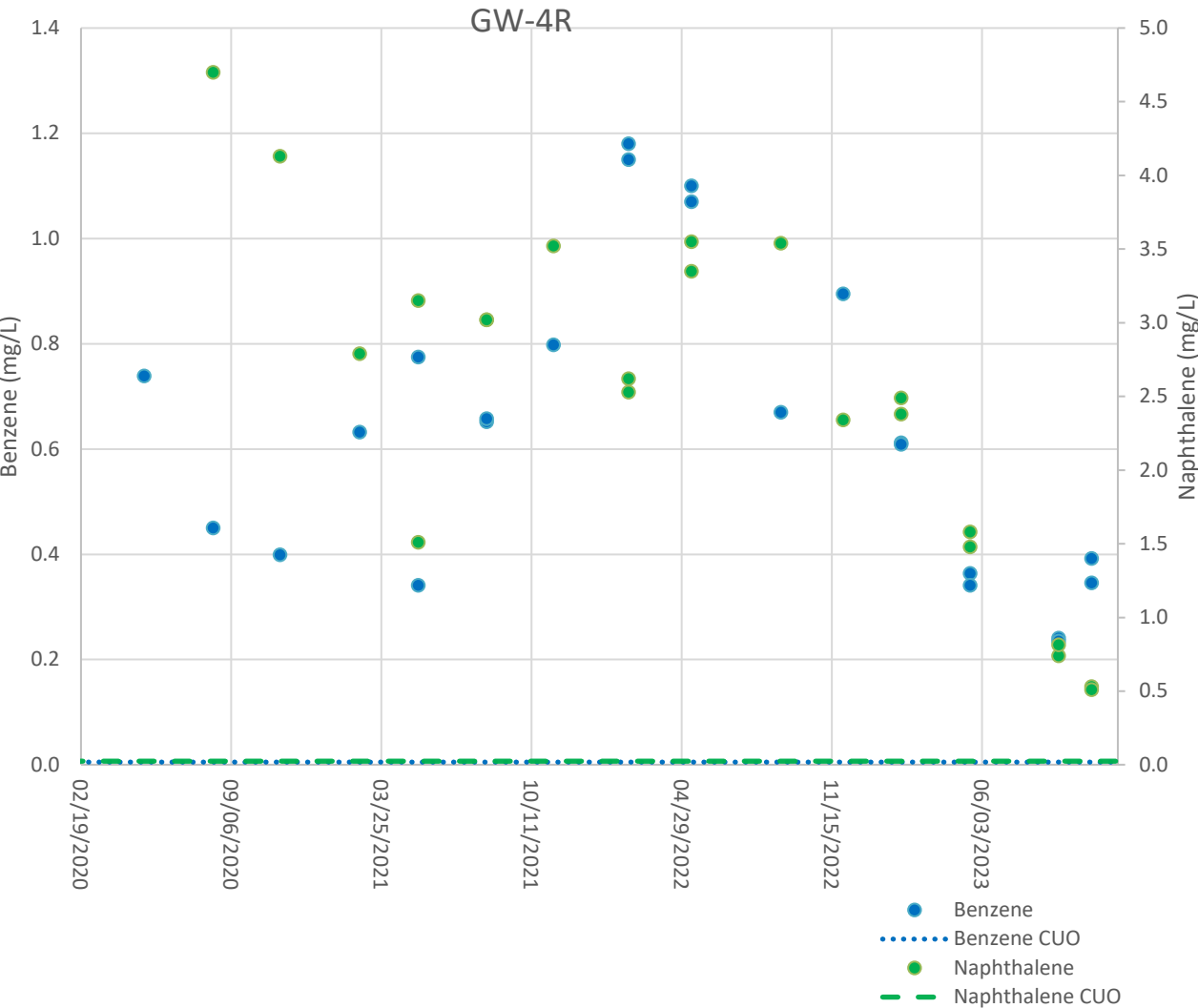
GW-3 (Abandoned)



GW-3	Sample date	Benzene mg/L	Benz(a)anthracene mg/L	Benzo(a)pyrene mg/L	Naphthalene mg/L
	2/19/2020	0.024	< 0.0001	< 0.0001	0.654
	5/12/2020	0.0501	< 0.000082	< 0.000082	1.00
	8/14/2020	0.0471	< 0.0001	< 0.0001	0.842
	11/10/2020	0.0162	< 0.0001	< 0.0001	0.924
	2/24/2021	0.0236	< 0.0001	< 0.0002	0.421
	2/24/2021	0.0228	< 0.0001	< 0.0002	0.425
	5/13/2021	0.0104	< 0.0001	< 0.0002	0.285
	8/11/2021	0.0242	< 0.0001	< 0.0002	0.511
	11/9/2021	0.0112	< 0.0001	< 0.0002	0.224
	2/16/2022	0.0133	< 0.0001	< 0.0002	0.161
	5/12/2022	0.0246	< 0.0001	< 0.0002	0.375
	9/8/2022	0.0086	< 0.000100	< 0.000200	0.143
	9/8/2022	0.011	< 0.000100	< 0.000200	0.192
	11/30/2022	0.00246	< 0.000100	< 0.000200	0.0133
	2/15/2023	< 0.00050	< 0.000100	< 0.000200	0.00054
	5/18/2023	0.0056	< 0.000100	< 0.000200	0.0378

Bolded results indicate detection above laboratory reporting limits.

GW-4R



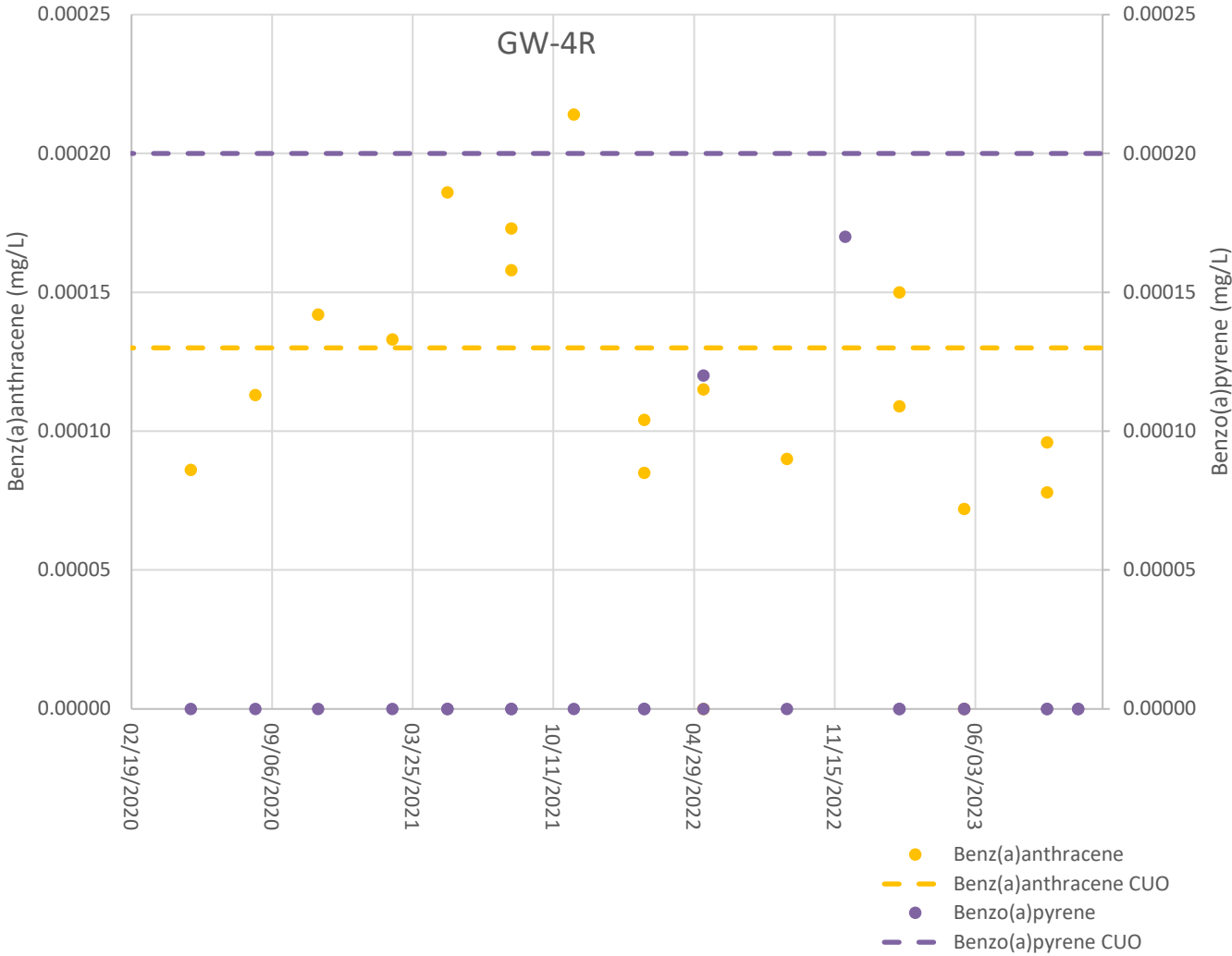
GW-4R	Sample date	Benzene mg/L	Benz(a)anthracene mg/L	Benzo(a)pyrene mg/L	Naphthalene mg/L
	2/18/2020	0.535	0.000102	< 0.0001	3.57
	5/13/2020	0.739	0.000086	< 0.000075	5.56
	8/13/2020	0.450	0.000113	< 0.0001	4.70
	11/10/2020	0.399	0.000142	< 0.0001	4.13
	2/24/2021	0.632	0.000133	< 0.0002	2.79
	5/13/2021	0.341	0.000186	< 0.0002	1.51
	5/13/2021	0.775	0.000261	< 0.0002	3.15
	8/12/2021	0.652	0.000158	< 0.0002	3.02
	8/12/2021	0.658	0.000173	< 0.0002	3.02
	11/9/2021	0.798	0.000214	< 0.0002	3.52
	2/17/2022	1.15	0.000104	< 0.0002	2.53
	2/17/2022	1.18	0.000085	< 0.0002	2.62
	5/12/2022	1.07	0.000115	0.00012	3.35
	5/12/2022	1.10	< 0.0001	< 0.0002	3.55
	9/8/2022	0.670	0.00009	< 0.000200	3.54
	11/30/2022	0.895	0.00194	0.00017	2.34
	2/15/2023	0.612	0.00011	< 0.000200	2.49
	2/15/2023	0.609	0.00015	< 0.000200	2.38
	5/18/2023	0.364	0.00007	< 0.000200	1.48
	5/18/2023	0.341	< 0.000100	< 0.000200	1.580
	9/13/2023	0.241	0.000078	< 0.000200	0.740
	9/13/2023	0.235	0.000096	< 0.000200	0.814
	10/27/2023	0.392	0.000620	< 0.000200	0.531
	10/27/2023	0.346	0.000570	< 0.000200	0.510

Bolded results indicate detection above laboratory reporting limits.

Monitoring well located within Site boundary



GW-4R

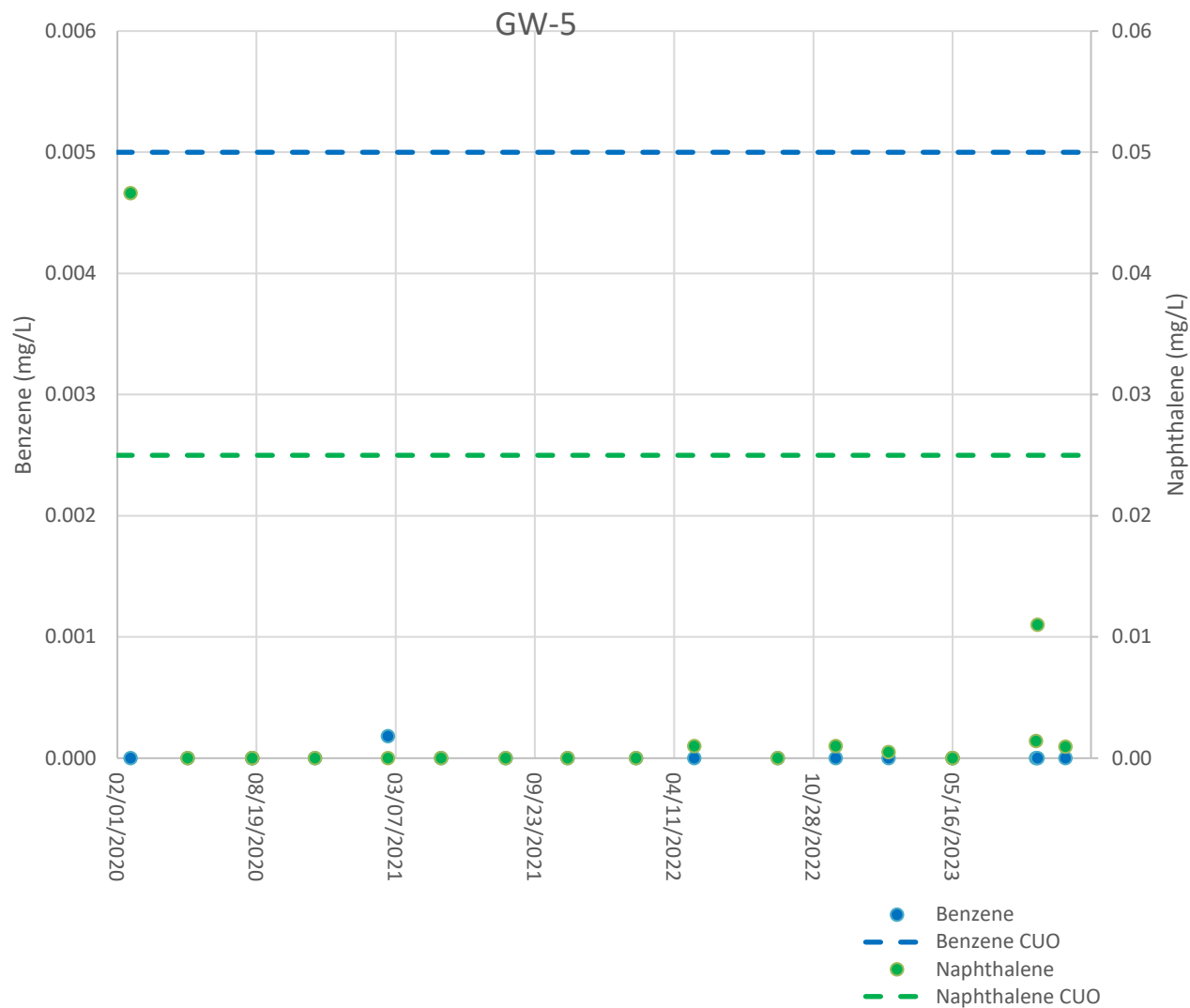


GW-4R	Sample date	Benzene mg/L	Benz(a)anthracene mg/L	Benzo(a)pyrene mg/L	Naphthalene mg/L
	2/18/2020	0.535	0.000102	< 0.0001	3.57
	5/13/2020	0.739	0.000086	< 0.000075	5.56
	8/13/2020	0.450	0.000113	< 0.0001	4.70
	11/10/2020	0.399	0.000142	< 0.0001	4.13
	2/24/2021	0.632	0.000133	< 0.0002	2.79
	5/13/2021	0.341	0.000186	< 0.0002	1.51
	5/13/2021	0.775	0.000261	< 0.0002	3.15
	8/12/2021	0.652	0.000158	< 0.0002	3.02
	8/12/2021	0.658	0.000173	< 0.0002	3.02
	11/9/2021	0.798	0.000214	< 0.0002	3.52
	2/17/2022	1.15	0.000104	< 0.0002	2.53
	2/17/2022	1.18	0.000085	< 0.0002	2.62
	5/12/2022	1.07	0.000115	0.00012	3.35
	5/12/2022	1.10	< 0.0001	< 0.0002	3.55
	9/8/2022	0.670	0.00009	< 0.000200	3.54
	11/30/2022	0.895	0.00194	0.00017	2.34
	2/15/2023	0.612	0.00011	< 0.000200	2.49
	2/15/2023	0.609	0.00015	< 0.000200	2.38
	5/18/2023	0.364	0.00007	< 0.000200	1.48
	5/18/2023	0.341	< 0.000100	< 0.000200	1.580
	9/13/2023	0.241	0.000078	< 0.000200	0.740
	9/13/2023	0.235	0.000096	< 0.000200	0.814
	10/27/2023	0.392	0.000620	< 0.000200	0.531
	10/27/2023	0.346	0.000570	< 0.000200	0.510

Bolded results indicate detection above laboratory reporting limits.

Monitoring well located within Site boundary

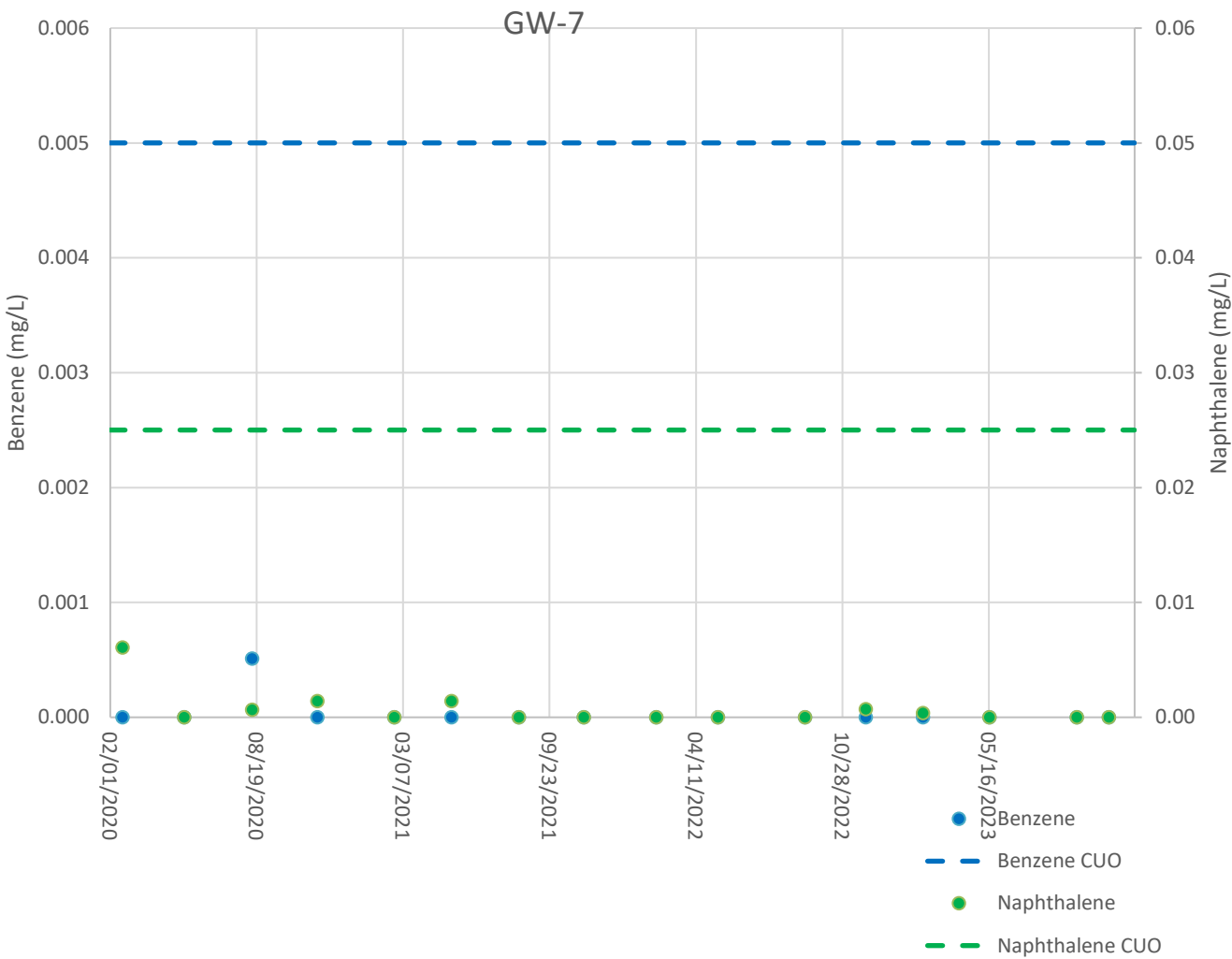
GW-5



GW-5	Sample date	Benzene mg/L	Benz(a)anthracene mg/L	Benzo(a)pyrene mg/L	Naphthalene mg/L
	2/20/2020	< 0.0005	< 0.0001	< 0.0001	0.047
	5/12/2020	< 0.0005	< 0.000078	< 0.000078	< 0.002
	8/13/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	8/13/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	11/11/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	2/24/2021	0.00018	< 0.0001	< 0.0002	< 0.002
	5/11/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	8/12/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	11/9/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	2/15/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/10/2022	< 0.0005	< 0.0001	< 0.0002	0.001
	9/7/2022	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	11/29/2022	< 0.00050	< 0.000100	< 0.000200	0.001
	2/13/2023	< 0.00050	< 0.000100	< 0.000200	0.00049
	5/16/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	5/16/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	9/13/2023	< 0.00050	< 0.000100	< 0.000200	0.00140
	9/15/2023	< 0.00050	< 0.000100	< 0.000200	0.0110
	10/25/2023	< 0.00050	< 0.000100	< 0.000200	0.00093

Bolded results indicate detection above laboratory reporting limits.

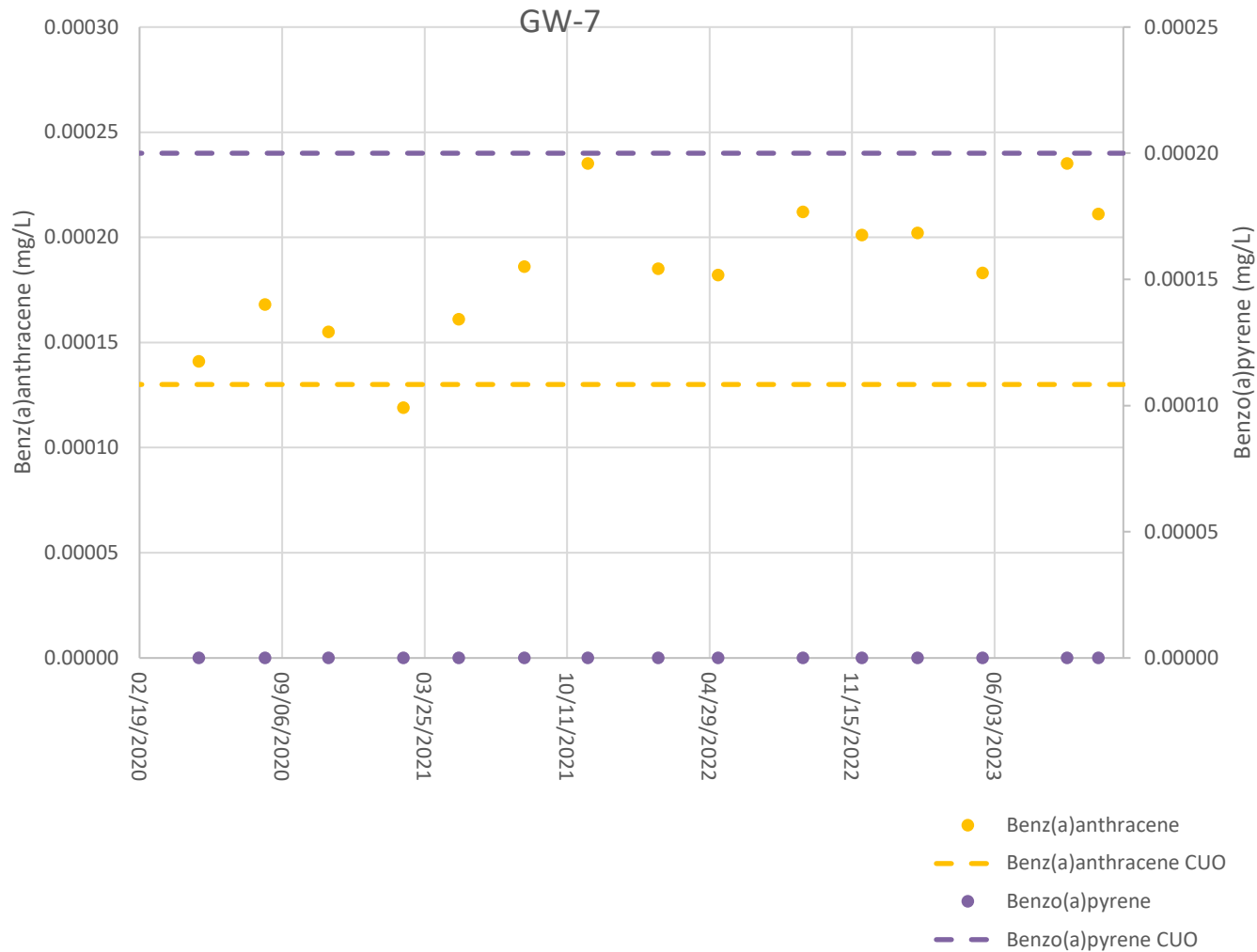
GW-7



GW-7	Sample date	Benzene mg/L	Benz(a)anthracene mg/L	Benzo(a)pyrene mg/L	Naphthalene mg/L
	2/18/2020	< 0.0005	0.000164	< 0.0001	0.00607
	5/12/2020	< 0.0005	0.000141	< 0.000072	< 0.002
	8/13/2020	0.00051	0.000168	< 0.0001	0.00064
	11/10/2020	< 0.0005	0.000155	< 0.0001	0.00140
	2/23/2021	< 0.0005	0.000119	< 0.0002	< 0.002
	5/12/2021	< 0.0005	0.000161	< 0.0002	0.00140
	8/12/2021	< 0.0005	0.000186	< 0.0002	< 0.002
	11/9/2021	< 0.0005	0.000235	< 0.0002	< 0.002
	2/16/2022	< 0.0005	0.000185	< 0.0002	< 0.002
	5/11/2022	< 0.0005	0.000182	< 0.0002	< 0.002
	9/7/2022	< 0.00050	0.000212	< 0.000200	< 0.00200
	11/29/2022	< 0.00050	0.000201	< 0.000200	0.0007
	2/15/2023	< 0.00050	0.000202	< 0.000200	0.00036
	5/17/2023	< 0.00050	0.000183	< 0.000200	< 0.00200
	9/13/2023	< 0.00050	0.000235	< 0.000200	< 0.00200
	10/27/2023	< 0.00050	0.000211	< 0.000200	< 0.00200

Bolded results indicate detection above laboratory reporting limits.

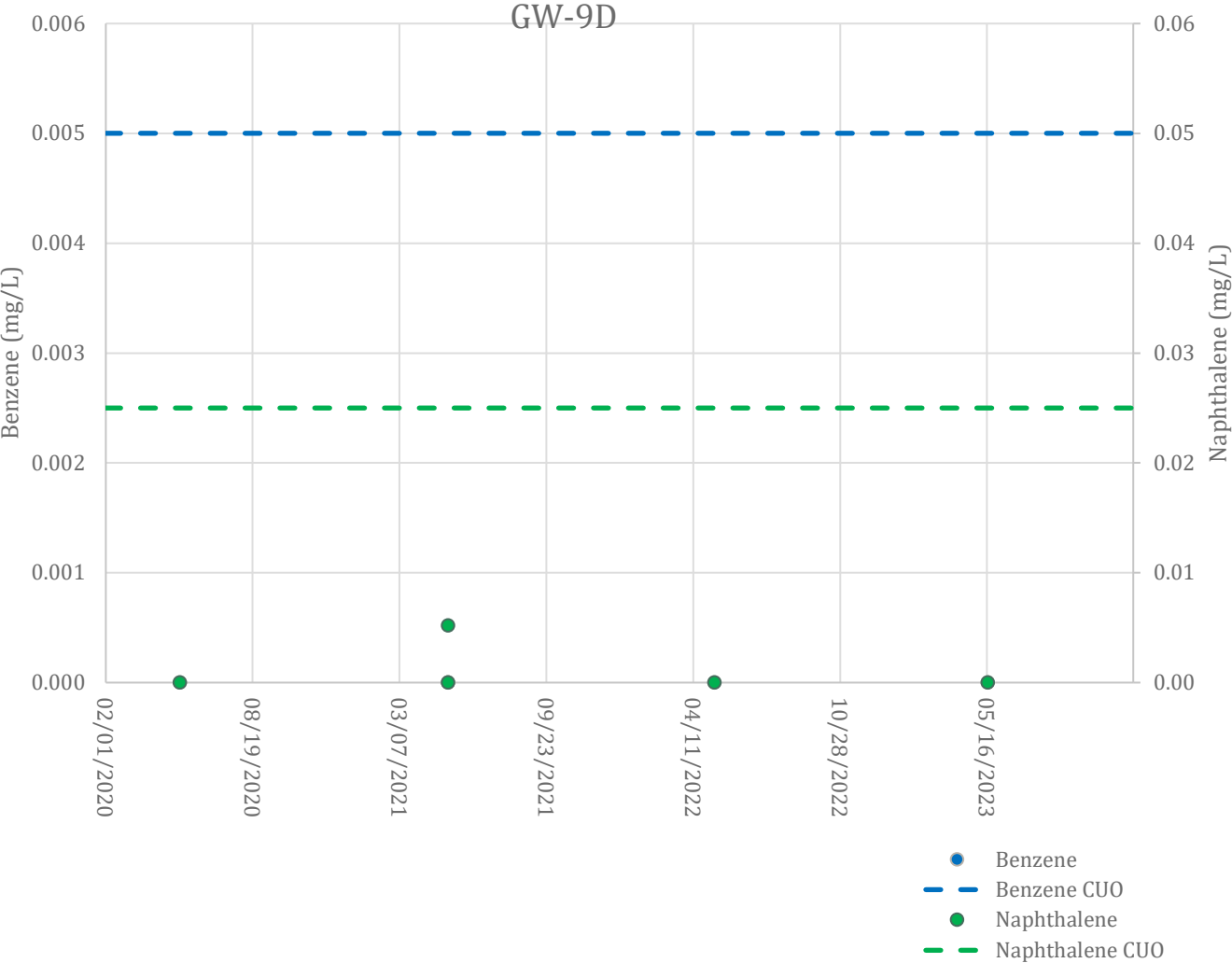
GW-7



GW-7	Sample date	Benzene mg/L	Benz(a)anthracene mg/L	Benzo(a)pyrene mg/L	Naphthalene mg/L
	2/18/2020	< 0.0005	0.000164	< 0.0001	0.00607
	5/12/2020	< 0.0005	0.000141	< 0.000072	< 0.002
	8/13/2020	0.00051	0.000168	< 0.0001	0.00064
	11/10/2020	< 0.0005	0.000155	< 0.0001	0.00140
	2/23/2021	< 0.0005	0.000119	< 0.0002	< 0.002
	5/12/2021	< 0.0005	0.000161	< 0.0002	0.00140
	8/12/2021	< 0.0005	0.000186	< 0.0002	< 0.002
	11/9/2021	< 0.0005	0.000235	< 0.0002	< 0.002
	2/16/2022	< 0.0005	0.000185	< 0.0002	< 0.002
	5/11/2022	< 0.0005	0.000182	< 0.0002	< 0.002
	9/7/2022	< 0.00050	0.000212	< 0.000200	< 0.00200
	11/29/2022	< 0.00050	0.000201	< 0.000200	0.0007
	2/15/2023	< 0.00050	0.000202	< 0.000200	0.00036
	5/17/2023	< 0.00050	0.000183	< 0.000200	< 0.00200
	9/13/2023	< 0.00050	0.000235	< 0.000200	< 0.00200
	10/27/2023	< 0.00050	0.000211	< 0.000200	< 0.00200

Bolded results indicate detection above laboratory reporting limits.

GW-9D

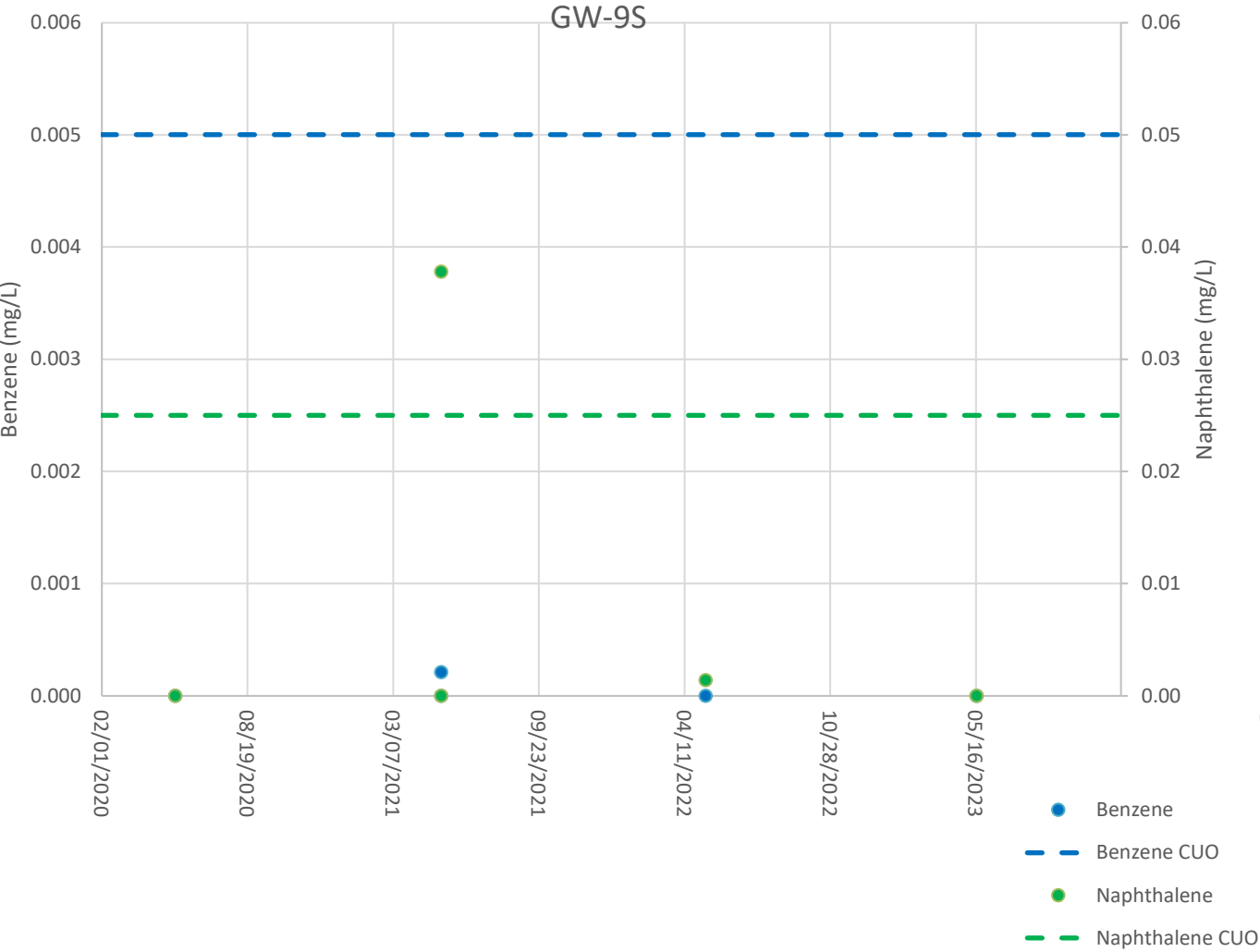


GW-9D	Sample date	Benzene mg/L	Benz(a)anthracene mg/L	Benzo(a)pyrene mg/L	Naphthalene mg/L
	5/12/2020	< 0.0005	< 0.000072	< 0.000072	< 0.002
	5/12/2021	< 0.0005	< 0.0001	< 0.0002	0.0052
	5/12/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/10/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/17/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200

Bolded results indicate detection above laboratory reporting limits.

GW-9D is scheduled for abandonment February 2024.

GW-9S



	Sample date	Benzene mg/L	Benzo(a)anthracene mg/L	Benzo(a)pyrene mg/L	Naphthalene mg/L
GW-9S	05/12/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	05/12/2020	< 0.0005	< 0.000078	< 0.000078	< 0.002
	05/12/2021	0.00021	< 0.0001	< 0.0002	0.0378
	05/10/2022	< 0.0005	< 0.0001	< 0.0002	0.0014
	05/17/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200

Bolded results indicate detection above laboratory reporting limits.

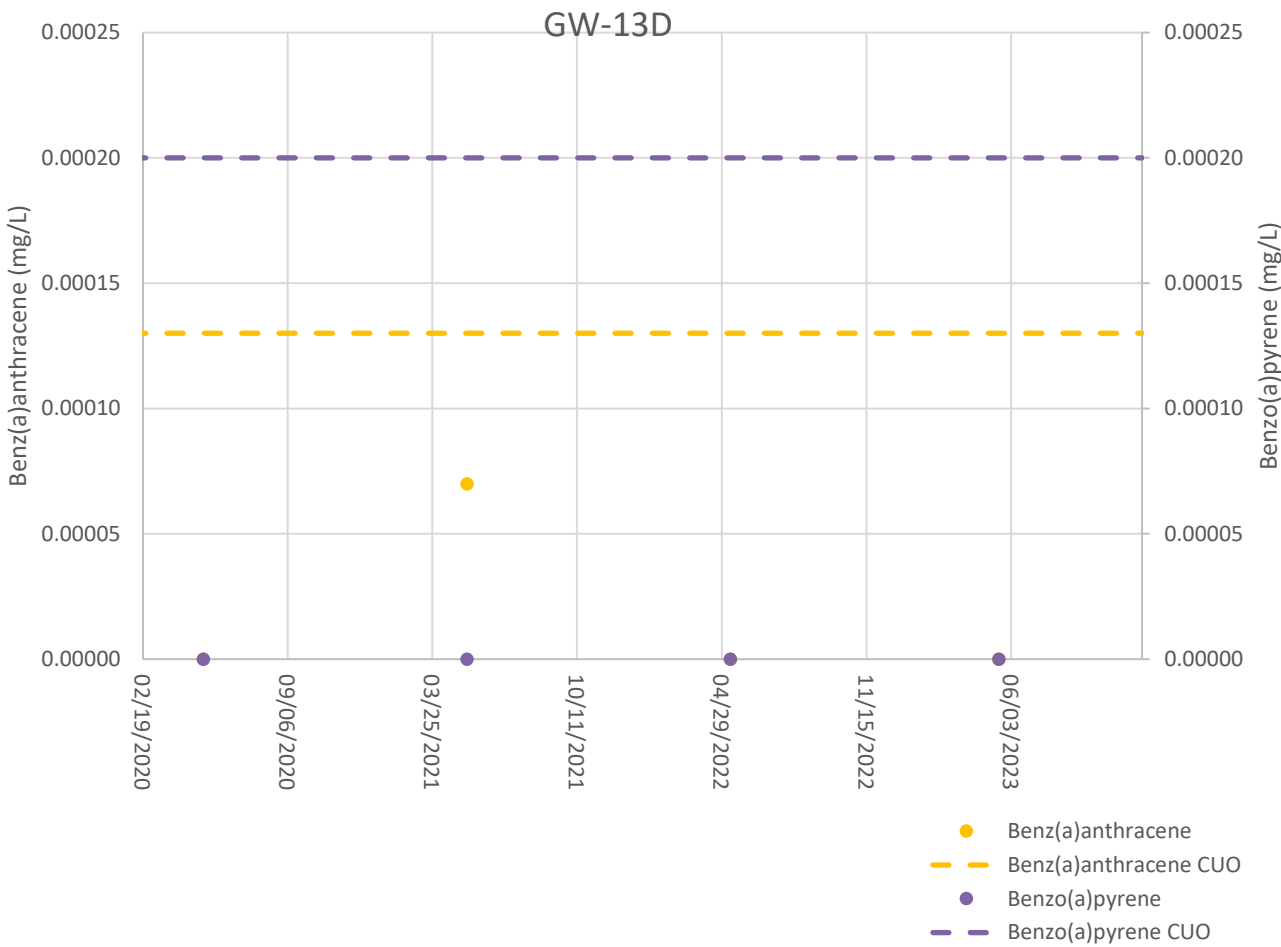
GW-9D is scheduled for abandonment February 2024.

GW-12 and GW-13S (Abandoned)

GW-12	Sample date	Benzene mg/L	Benz(a)anthracene mg/L	Benzo(a)pyrene mg/L	Naphthalene mg/L
	05/12/2020	< 0.0005	< 0.000078	< 0.000078	< 0.002
	05/12/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	05/11/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	05/17/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
GW-13S	Sample date	Benzene mg/L	Benz(a)anthracene mg/L	Benzo(a)pyrene mg/L	Naphthalene mg/L
	05/17/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	05/11/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	05/13/2020	< 0.0005	< 0.000076	< 0.000076	< 0.002
	05/12/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	05/11/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	05/17/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200

GW-13S Abandoned

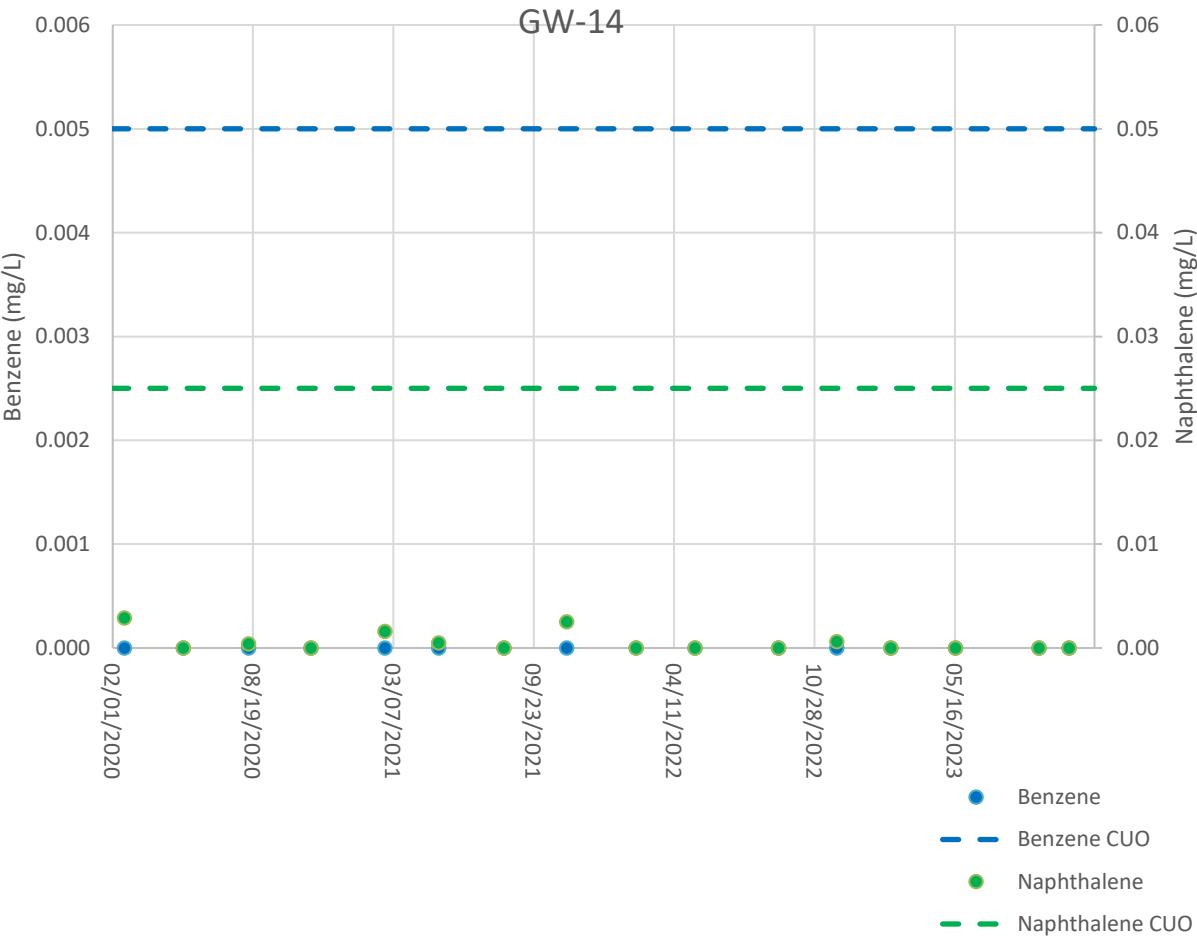
GW-13D (Abandoned)



GW-13D	Sample date	Benzene mg/L	Benz(a)anthracene mg/L	Benzo(a)pyrene mg/L	Naphthalene mg/L
	5/13/2020	< 0.0005	< 0.000076	< 0.000076	< 0.002
	5/12/2021	< 0.0005	0.00007	< 0.0002	< 0.002
	5/11/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/17/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200

Bolded results indicate detection above laboratory reporting limits.

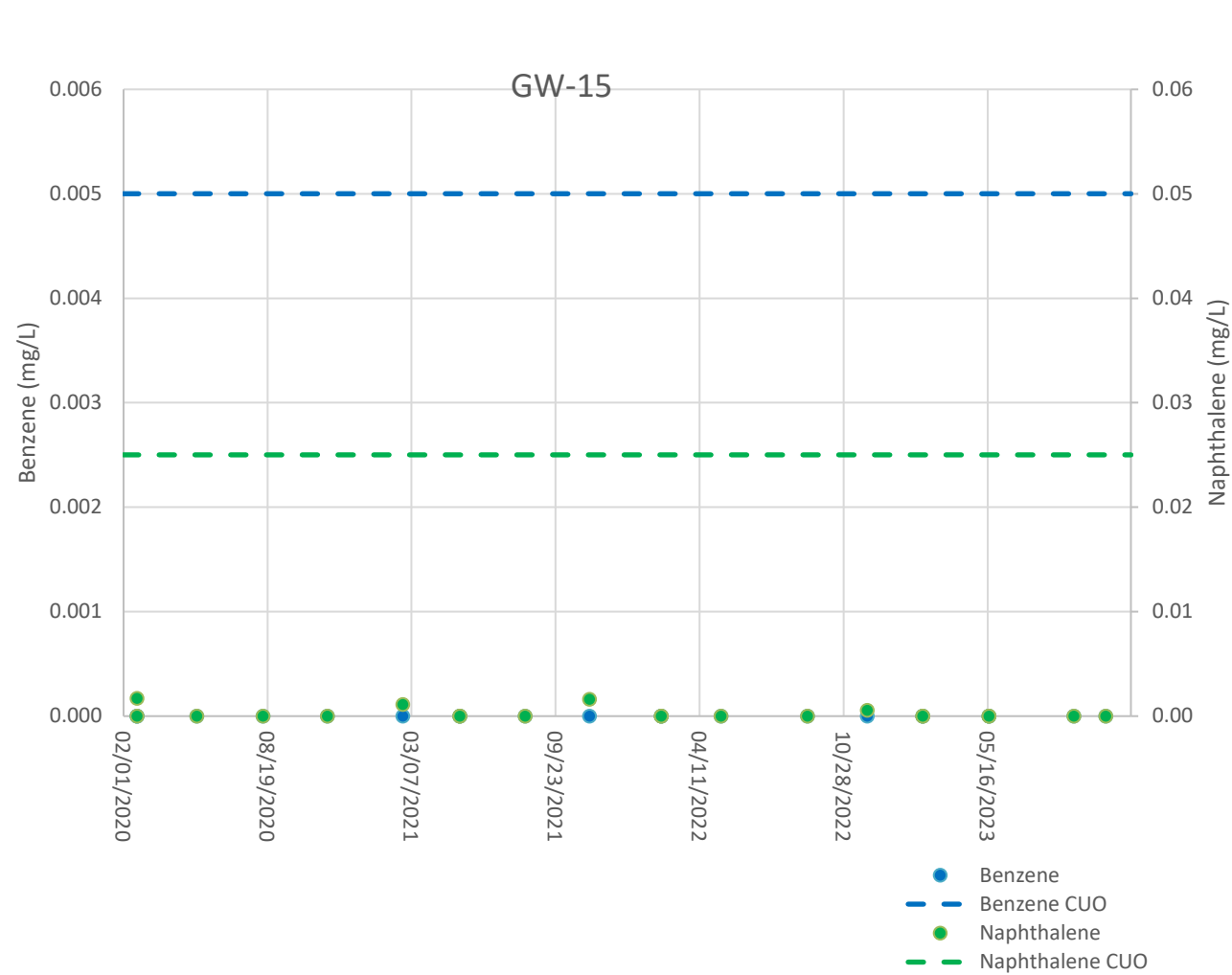
GW-14



GW-14	Sample date	Benzene mg/L	Benzo(a)anthracene mg/L	Benzo(a)pyrene mg/L	Naphthalene mg/L
	2/18/2020	< 0.0005	< 0.0001	< 0.0001	0.00288
	5/12/2020	< 0.0005	< 0.000072	< 0.000072	< 0.002
	8/13/2020	< 0.0005	< 0.0001	< 0.0001	0.00038
	11/10/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	2/23/2021	< 0.0005	< 0.0001	< 0.0002	0.0016
	5/11/2021	< 0.0005	< 0.0001	< 0.0002	0.00049
	8/12/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	11/9/2021	< 0.0005	< 0.0001	< 0.0002	0.00253
	2/16/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/11/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	9/7/2022	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	11/29/2022	< 0.00050	< 0.000100	< 0.000200	0.00062
	2/14/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	5/17/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	9/13/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	10/26/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200

Bolded results indicate detection above laboratory reporting limits.

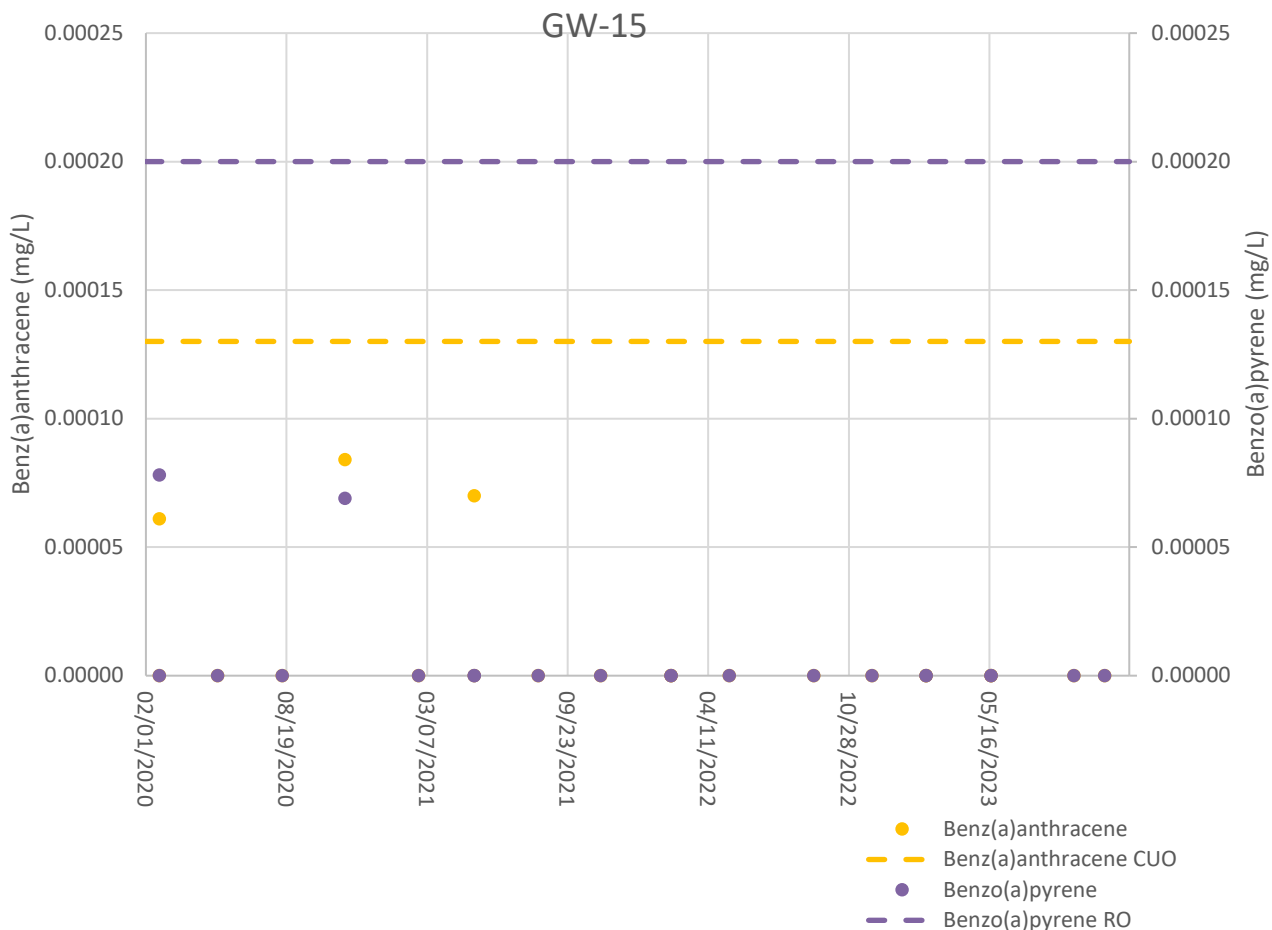
GW-15



GW-15	Sample date	Benzene mg/L	Benz(a)anthracene mg/L	Benzo(a)pyrene mg/L	Naphthalene mg/L
	2/20/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	2/20/2020	< 0.0005	0.000061	0.000078	0.0017
	5/13/2020	< 0.0005	< 0.000074	< 0.000074	< 0.002
	8/13/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	11/10/2020	< 0.0005	0.000084	0.000069	< 0.002
	2/23/2021	< 0.0005	< 0.0001	< 0.0002	0.0011
	5/13/2021	< 0.0005	0.00007	< 0.0002	< 0.002
	5/13/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	8/12/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	11/9/2021	< 0.0005	< 0.0001	< 0.0002	0.0016
	2/17/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	2/17/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/11/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	9/8/2022	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	11/30/2022	< 0.00050	< 0.000100	< 0.000200	0.00055
	2/15/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	2/15/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	5/18/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	5/18/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	9/13/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	10/27/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200

Bolded results indicate detection above laboratory reporting limits.

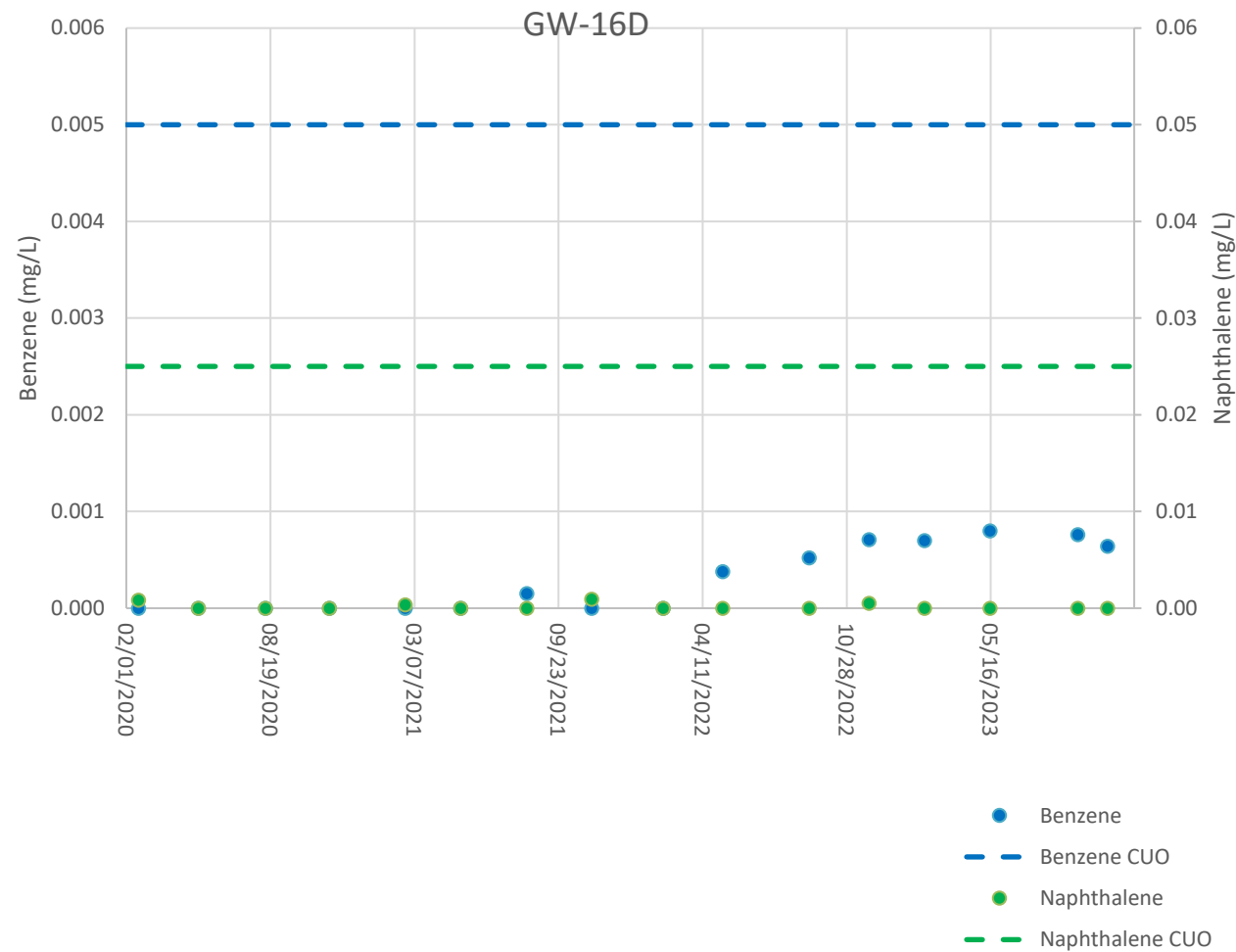
GW-15



	Sample date	Benzene mg/L	Benz(a)anthracene mg/L	Benzo(a)pyrene mg/L	Naphthalene mg/L
GW-15	2/20/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	2/20/2020	< 0.0005	0.000061	0.000078	0.0017
	5/13/2020	< 0.0005	< 0.000074	< 0.000074	< 0.002
	8/13/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	11/10/2020	< 0.0005	0.000084	0.000069	< 0.002
	2/23/2021	< 0.0005	< 0.0001	< 0.0002	0.0011
	5/13/2021	< 0.0005	0.00007	< 0.0002	< 0.002
	5/13/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	8/12/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	11/9/2021	< 0.0005	< 0.0001	< 0.0002	0.0016
	2/17/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	2/17/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/11/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	9/8/2022	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	11/30/2022	< 0.00050	< 0.000100	< 0.000200	0.00055
	2/15/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	2/15/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	5/18/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	5/18/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	9/13/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	10/27/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200

Bolded results indicate detection above laboratory reporting limits.

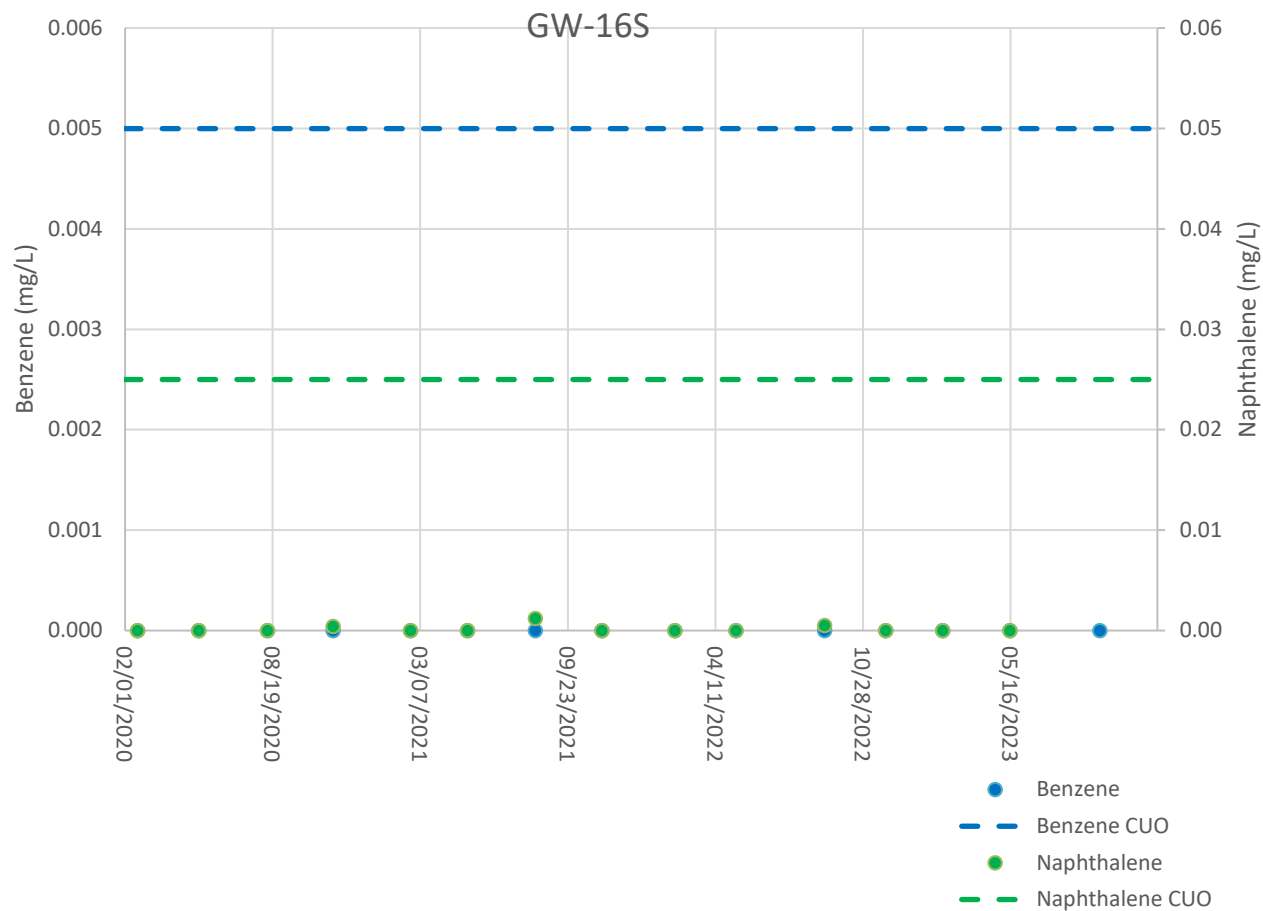
GW-16D



GW-16D	Sample date	Benzene mg/L	Benz(a)anthracene mg/L	Benzo(a)pyrene mg/L	Naphthalene mg/L
	2/18/2020	< 0.0005	< 0.0001	< 0.0001	0.00083
	5/11/2020	< 0.0005	< 0.000074	< 0.000074	< 0.002
	8/12/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	11/9/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	2/22/2021	< 0.0005	< 0.0001	< 0.0002	0.00034
	5/10/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	8/10/2021	0.00015	< 0.0001	< 0.0002	< 0.002
	11/8/2021	< 0.0005	< 0.0001	< 0.0002	0.00092
	2/15/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/9/2022	0.00038	< 0.0001	< 0.0002	< 0.002
	9/6/2022	0.00052	< 0.000100	< 0.000200	< 0.00200
	11/28/2022	0.00071	< 0.000100	< 0.000200	0.00051
	2/13/2023	0.00070	< 0.000100	< 0.000200	< 0.00200
	5/15/2023	0.00080	< 0.000100	< 0.000200	< 0.00200
	9/14/2023	0.00076	< 0.000100	< 0.000200	< 0.00200
	10/25/2023	0.00064	< 0.000100	< 0.000200	< 0.00200

Bolded results indicate detection above laboratory reporting limits.

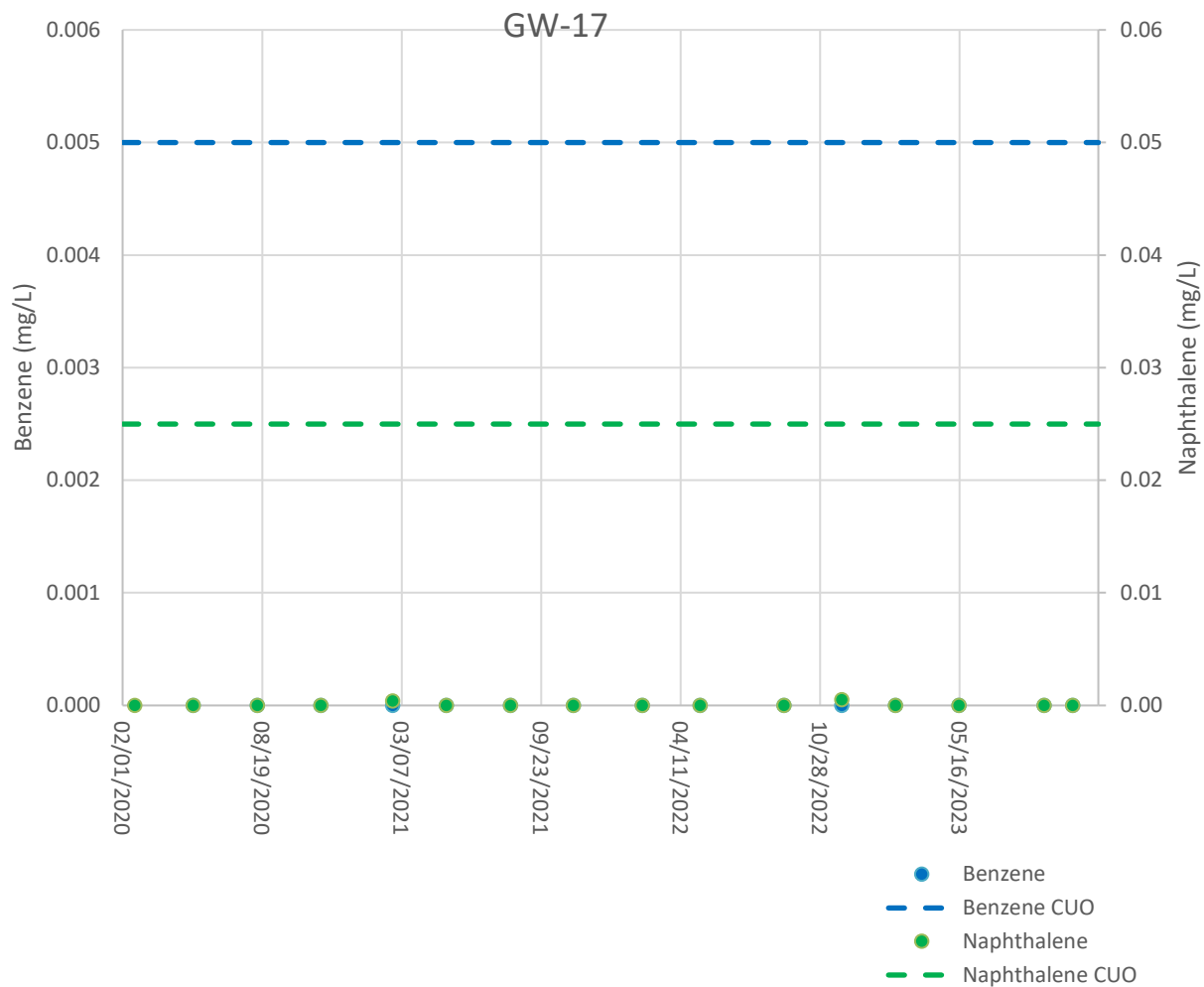
GW-16S



GW-16S	Sample date	Benzene mg/L	Benz(a)anthracene mg/L	Benzo(a)pyrene mg/L	Naphthalene mg/L
	2/18/2020	< 0.0005	< 0.0001	< 0.0001	0.0011
	5/11/2020	< 0.0005	< 0.000076	< 0.000076	< 0.002
	8/12/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	11/9/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	2/22/2021	< 0.0005	< 0.0001	< 0.0002	0.00043
	5/10/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	8/10/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	11/8/2021	< 0.0005	< 0.0001	< 0.0002	0.0012
	2/15/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/9/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	9/6/2022	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	11/28/2022	< 0.00050	< 0.000100	< 0.000200	0.00052
	2/13/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	5/15/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	9/14/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200

Bolded results indicate detection above laboratory reporting limits.

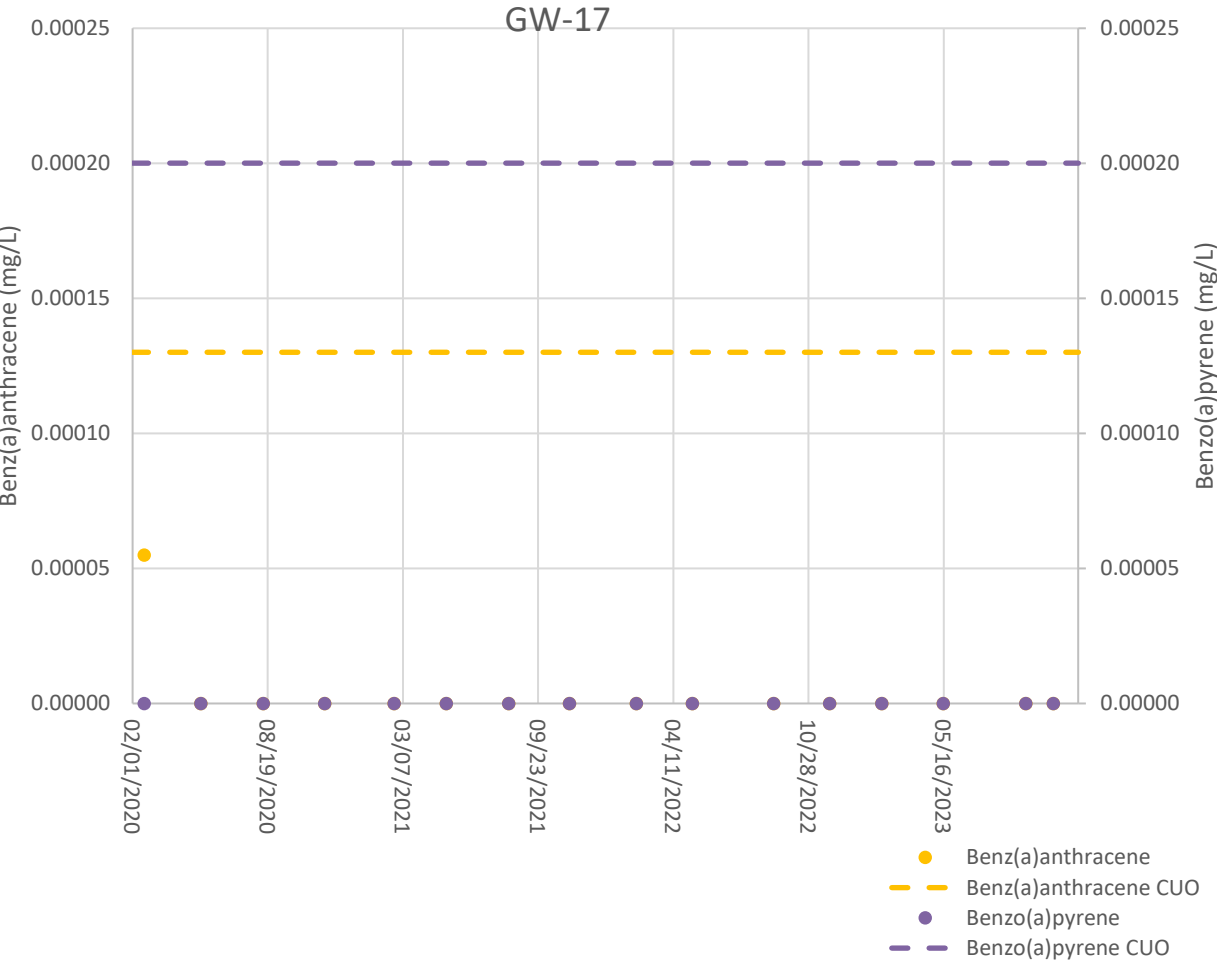
GW-17



GW-17	Sample date	Benzene mg/L	Benz(a)anthracene mg/L	Benzo(a)pyrene mg/L	Naphthalene mg/L
	2/18/2020	< 0.0005	0.000055	< 0.0001	< 0.002
	5/12/2020	< 0.0005	< 0.000077	< 0.000077	< 0.002
	8/12/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	11/11/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	2/22/2021	< 0.0005	< 0.0001	< 0.0002	0.00038
	5/10/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	8/10/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	11/8/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	2/15/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/9/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	9/6/2022	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	11/28/2022	< 0.00050	< 0.000100	< 0.000200	0.00049
	2/13/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	5/15/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	9/14/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	10/25/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200

Bolded results indicate detection above laboratory reporting limits.

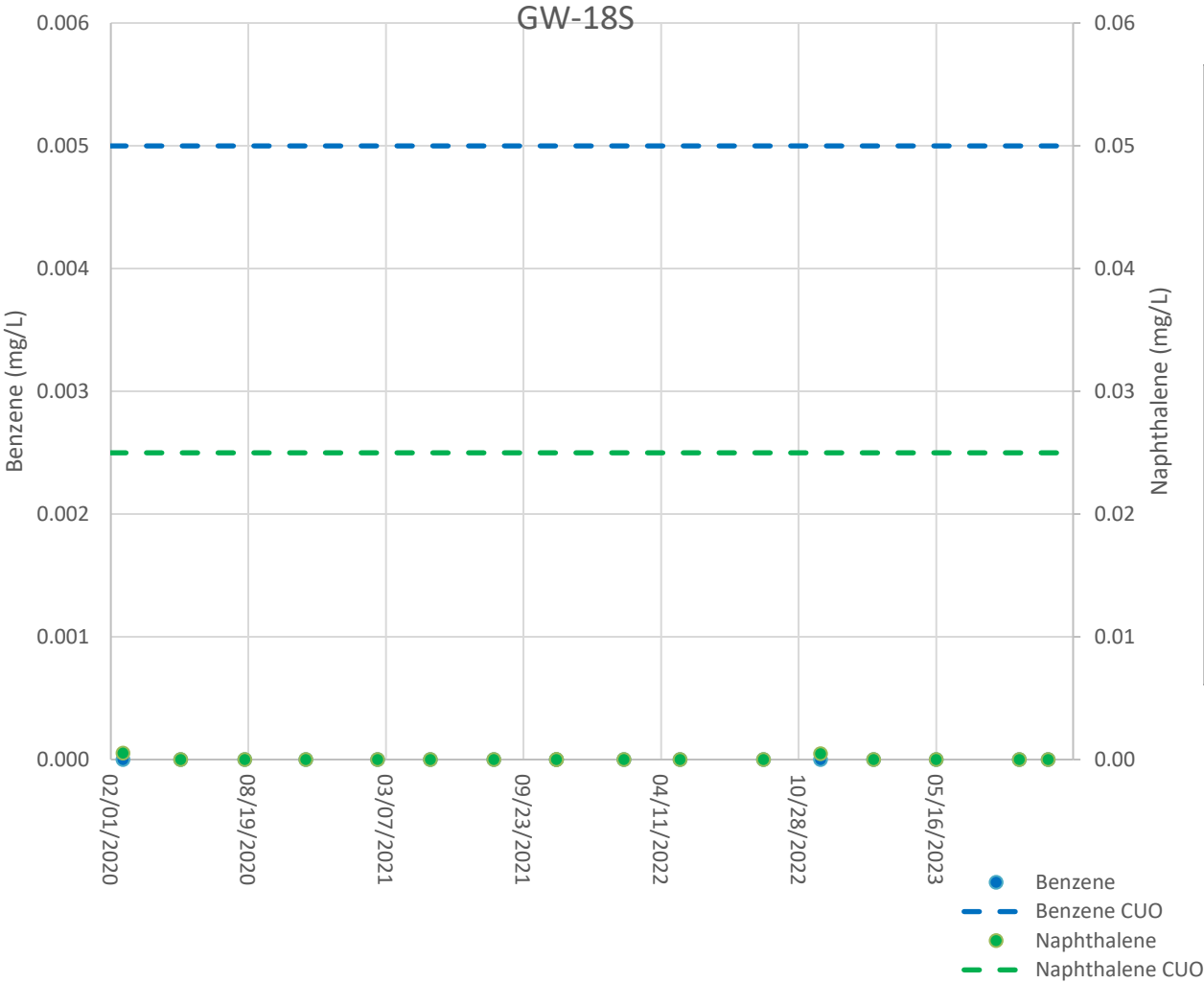
GW-17



GW-17	Sample date	Benzene mg/L	Benz(a)anthracene mg/L	Benzo(a)pyrene mg/L	Naphthalene mg/L
	2/18/2020	< 0.0005	0.000055	< 0.0001	< 0.002
	5/12/2020	< 0.0005	< 0.000077	< 0.000077	< 0.002
	8/12/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	11/11/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	2/22/2021	< 0.0005	< 0.0001	< 0.0002	0.00038
	5/10/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	8/10/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	11/8/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	2/15/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/9/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	9/6/2022	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	11/28/2022	< 0.00050	< 0.000100	< 0.000200	0.00049
	2/13/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	5/15/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	9/14/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	10/25/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200

Bolded results indicate detection above laboratory reporting limits.

GW-18S



GW-18S	Sample date	Benzene mg/L	Benz(a)anthracene mg/L	Benzo(a)pyrene mg/L	Naphthalene mg/L
	2/19/2020	< 0.0005	< 0.0001	< 0.0001	0.00052
	5/13/2020	< 0.0005	< 0.000078	< 0.000078	< 0.002
	8/14/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	11/11/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	2/23/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/11/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	8/11/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	11/10/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	11/10/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	2/16/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/9/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	9/7/2022	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	11/29/2022	< 0.00050	< 0.000100	< 0.000200	0.00048
	2/14/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	5/16/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	9/14/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	10/26/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200

Bolded results indicate detection above laboratory reporting limits.

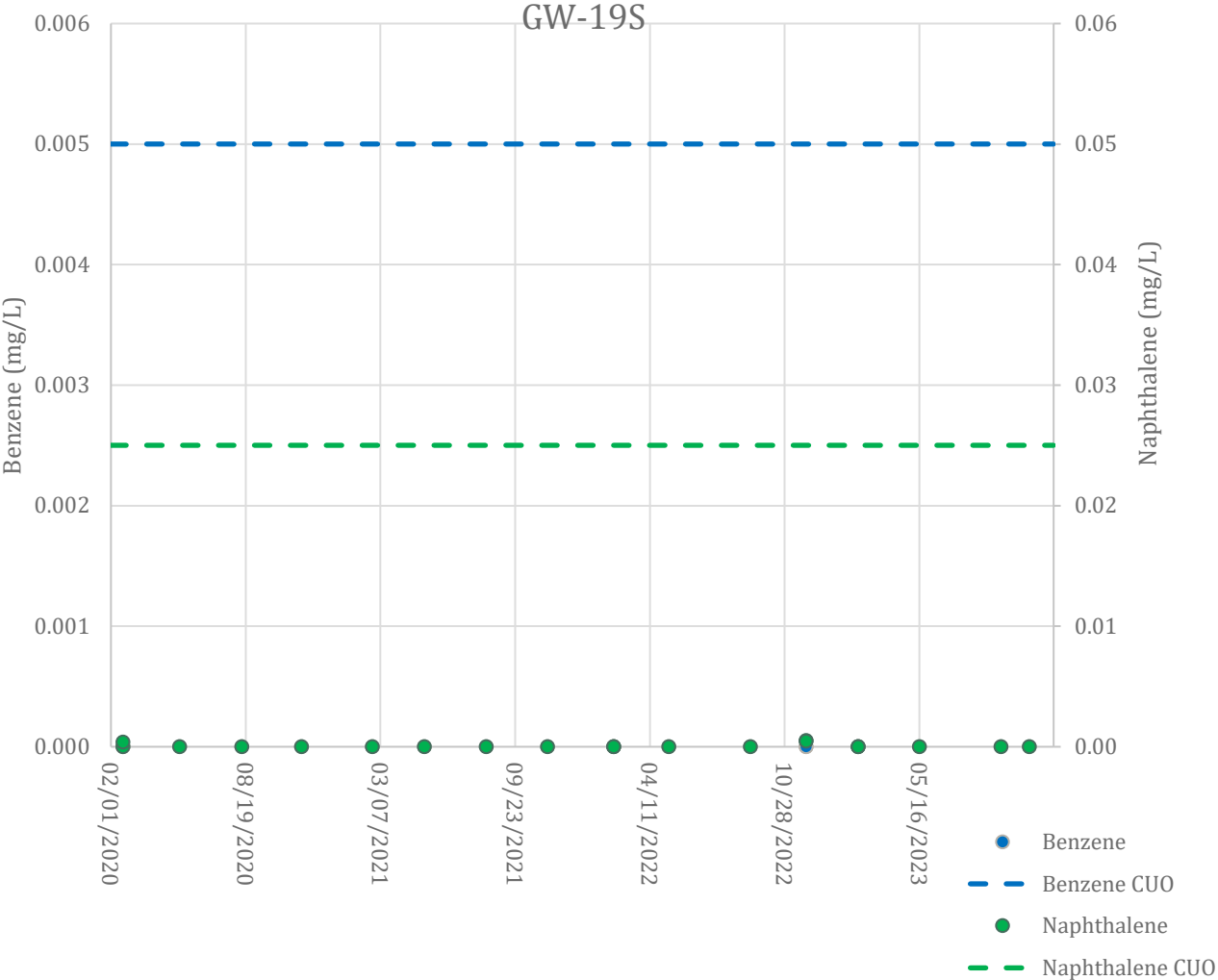
GW-18D



GW-18D	Sample date	Benzene mg/L	Benz(a)anthracene mg/L	Benzo(a)pyrene mg/L	Naphthalene mg/L
	2/19/2020	< 0.0005	< 0.0001	< 0.0001	0.00045
	5/13/2020	< 0.0005	< 0.000078	< 0.000078	< 0.002
	8/14/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	11/11/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	2/23/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	2/23/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/11/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	8/11/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	11/10/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	2/16/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/9/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	9/7/2022	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	9/7/2022	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	11/29/2022	< 0.00050	< 0.000100	< 0.000200	0.00054
	2/14/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	5/16/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	9/14/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	10/26/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200

Bolded results indicate detection above laboratory reporting limits.

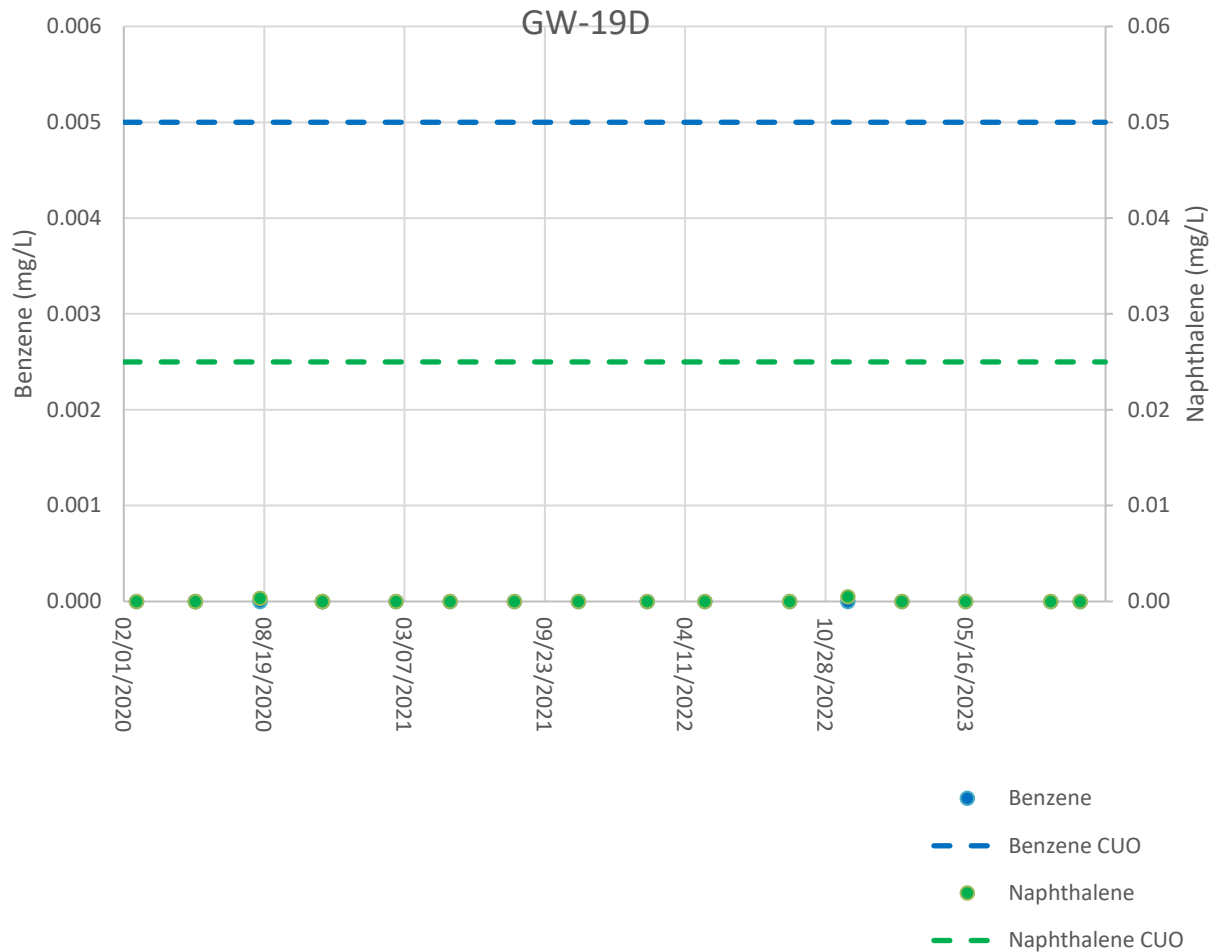
GW-19S



GW-19S	Sample date	Benzene mg/L	Benz(a)anthracene mg/L	Benzo(a)pyrene mg/L	Naphthalene mg/L
	2/19/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	2/19/2020	< 0.0005	< 0.0001	< 0.0001	0.00039
	5/13/2020	< 0.0005	< 0.000078	< 0.000078	< 0.002
	8/13/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	11/10/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	2/23/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/11/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	8/11/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	11/10/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	2/16/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	2/16/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/9/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	9/7/2022	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	11/29/2022	< 0.00050	< 0.000100	< 0.000200	0.00050
	11/29/2022	< 0.00050	< 0.000100	< 0.000200	0.00046
	2/14/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	2/14/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	5/16/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	9/14/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	10/26/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200

Bolded results indicate detection above laboratory reporting limits.

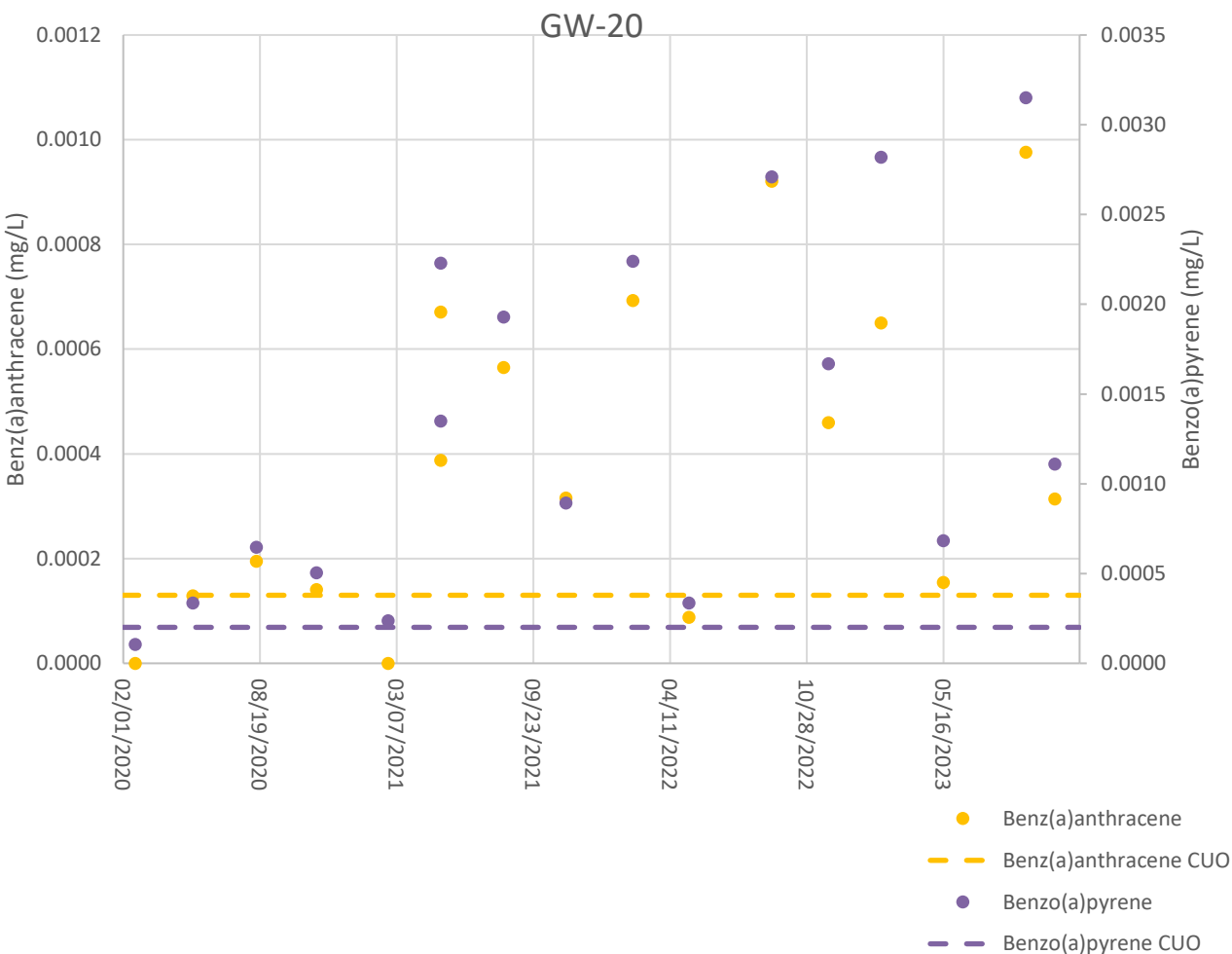
GW-19D



GW-19D	Sample date	Benzene mg/L	Benz(a)anthracene mg/L	Benzo(a)pyrene mg/L	Naphthalene mg/L
	2/19/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	5/13/2020	< 0.0005	< 0.000073	< 0.000073	< 0.002
	5/13/2020	< 0.0005	< 0.000071	< 0.000071	< 0.002
	8/13/2020	< 0.0005	< 0.0001	< 0.0001	0.00032
	11/10/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	11/10/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	2/23/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/11/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	8/11/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	11/10/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	2/16/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/9/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	9/7/2022	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	11/29/2022	< 0.00050	< 0.000100	< 0.000200	0.00047
	2/14/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	5/16/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	9/14/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	10/26/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200

Bolded results indicate detection above laboratory reporting limits.

GW-20



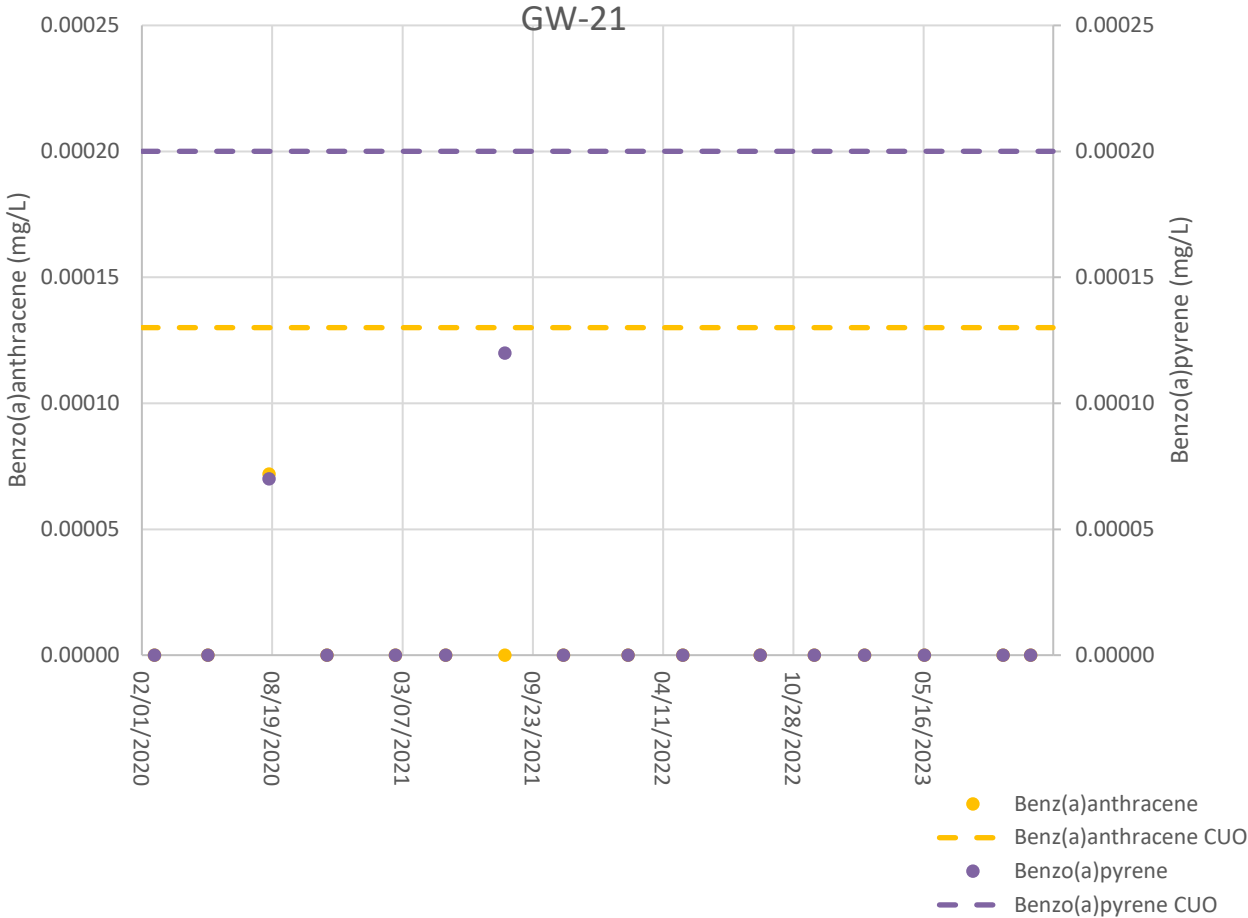
GW-20	Sample date	Benzene mg/L	Benz(a)anthracene mg/L	Benzo(a)pyrene mg/L	Naphthalene mg/L
	2/19/2020	< 0.0005	< 0.0001	0.000107	< 0.002
	5/13/2020	< 0.0005	0.000129	0.000337	< 0.002
	8/14/2020	< 0.0005	0.000195	0.000648	< 0.002
	11/10/2020	< 0.0005	0.000141	0.000505	< 0.002
	2/23/2021	< 0.0005	< 0.0001	0.000238	< 0.002
	5/11/2021	< 0.0005	0.000671	0.00223	< 0.002
	5/11/2021	< 0.0005	0.000388	0.00135	< 0.002
	8/11/2021	< 0.0005	0.000565	0.00193	< 0.002
	11/10/2021	< 0.0005	0.000316	0.000893	< 0.002
	2/16/2022	< 0.0005	0.000693	0.00224	< 0.002
	5/9/2022	< 0.0005	0.000088	0.000337	< 0.002
	9/7/2022	< 0.00050	0.000921	0.00271	< 0.00200
	11/29/2022	< 0.00050	0.000460	0.00167	0.00047
	2/14/2023	< 0.00050	0.000650	0.002820	< 0.00200
	5/16/2023	< 0.00050	0.000155	0.000684	< 0.00200
	9/14/2023	< 0.00050	0.000976	0.00315	< 0.00200
	10/26/2023	< 0.00050	0.000314	0.00111	< 0.00200

Bolded results indicate detection above laboratory reporting limits.

Detections of PAHs at GW-20 likely not related to MGP.

- GW-20 is a shallow monitoring well approximately 0.25 miles downgradient
- BTEX and VOCs largely not detected in samples collected from GW-20

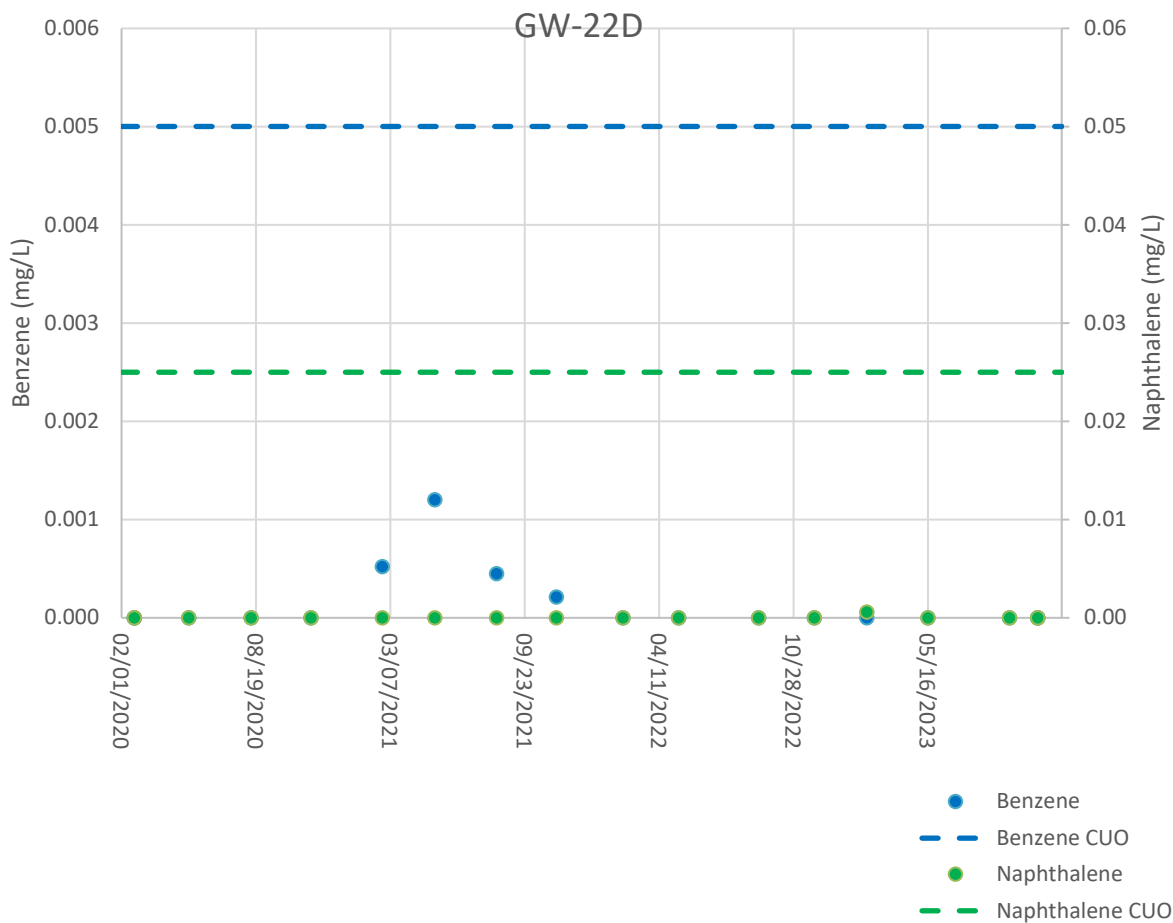
GW-21



GW-21	Sample date	Benzene mg/L	Benz(a)anthracene mg/L	Benzo(a)pyrene mg/L	Naphthalene mg/L
	2/20/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	5/12/2020	< 0.0005	< 0.000071	< 0.000071	< 0.002
	8/14/2020	< 0.0005	0.000072	0.00007	< 0.002
	11/11/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	2/24/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/12/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	8/11/2021	< 0.0005	< 0.0001	0.00012	< 0.002
	11/9/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	2/16/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/11/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	9/7/2022	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	11/29/2022	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	2/14/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	5/17/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	9/15/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	10/27/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200

Bolded results indicate detection above laboratory reporting limits.

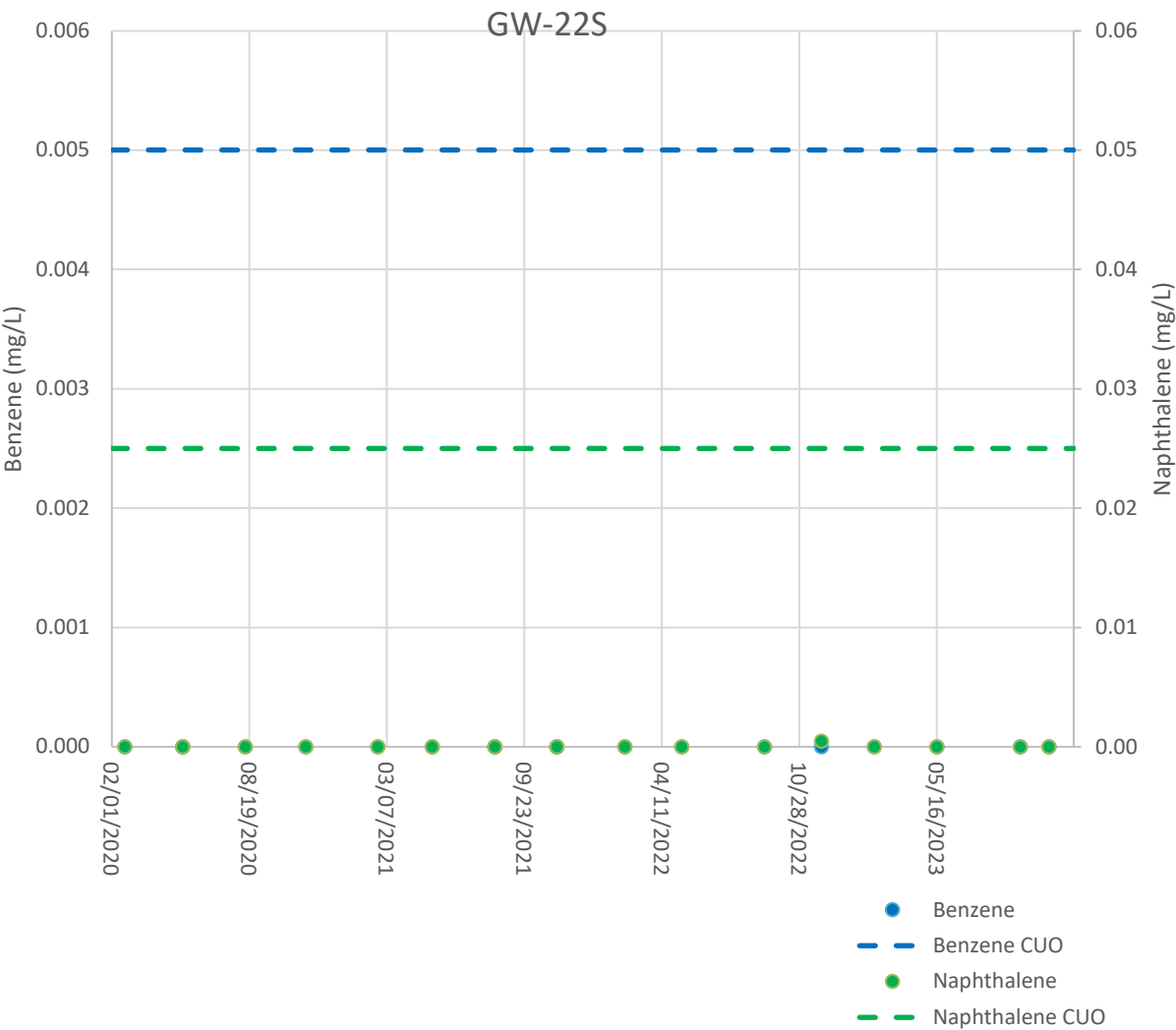
GW-22D



GW-22D	Sample date	Benzene mg/L	Benz(a)anthracene mg/L	Benzo(a)pyrene mg/L	Naphthalene mg/L
	2/20/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	2/20/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	5/11/2020	< 0.0005	< 0.000081	< 0.000081	< 0.002
	8/12/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	11/9/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	2/23/2021	0.00052	< 0.0001	< 0.0002	< 0.002
	5/12/2021	0.00120	< 0.0001	< 0.0002	< 0.002
	8/12/2021	0.00045	< 0.0001	< 0.0002	< 0.002
	11/9/2021	0.00021	< 0.0001	< 0.0002	< 0.002
	2/16/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/10/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	9/6/2022	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	11/28/2022	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	2/14/2023	< 0.00050	< 0.000100	< 0.000200	0.00059
	5/16/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	9/14/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	10/26/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	10/26/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200

Bolded results indicate detection above laboratory reporting limits.

GW-22S



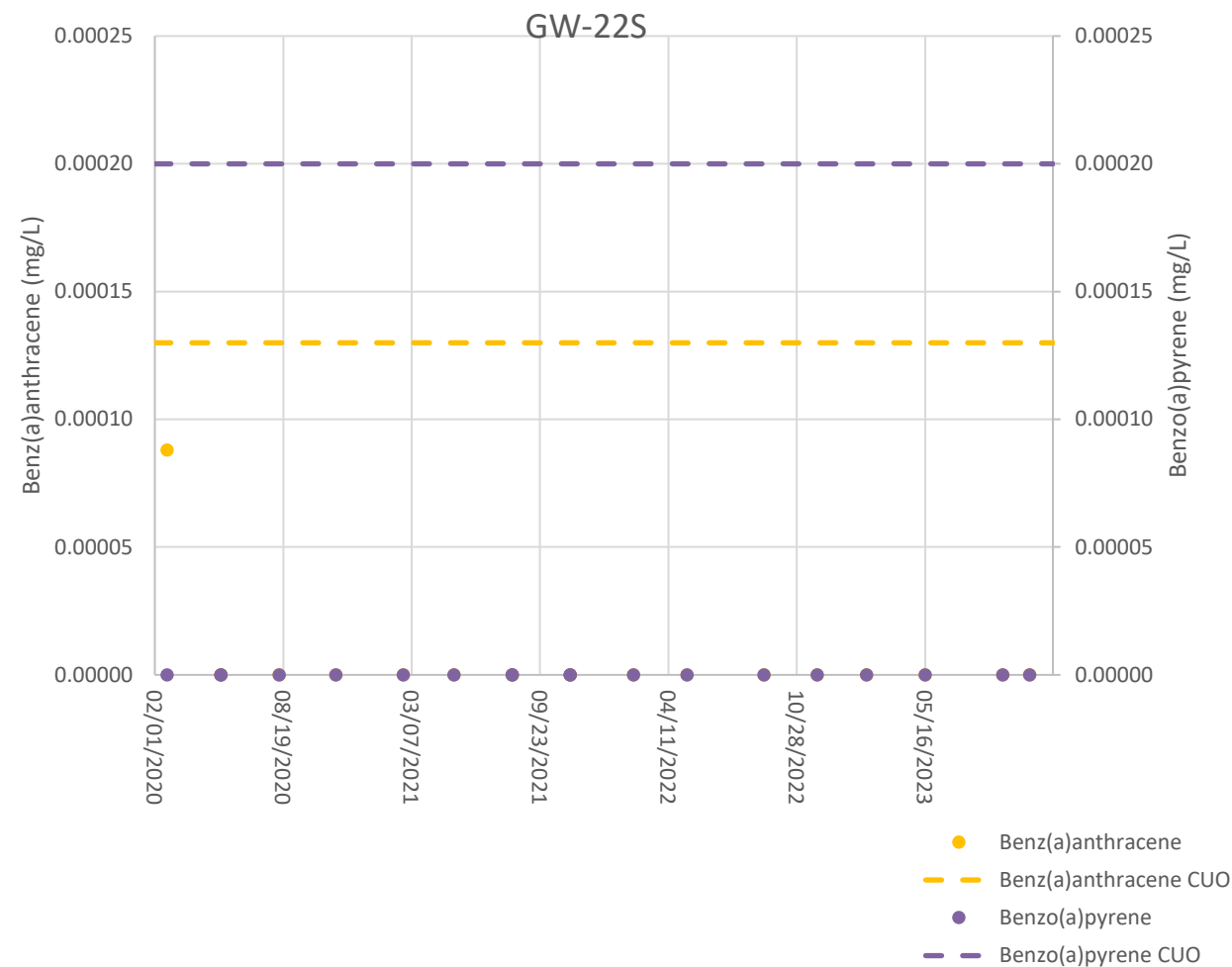
GW-22S	Sample date	Benzene mg/L	Benz(a)anthracene mg/L	Benzo(a)pyrene mg/L	Naphthalene mg/L
	2/20/2020	< 0.0005	0.000088	< 0.0001	< 0.002
	5/14/2020	< 0.0005	< 0.000077	< 0.000077	< 0.002
	5/14/2020	< 0.0005	< 0.000077	< 0.000077	< 0.002
	8/13/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	11/9/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	2/22/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/12/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	8/11/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	8/11/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	11/9/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	11/9/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	2/16/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/10/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	9/7/2022	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	11/29/2022	< 0.00050	< 0.000100	< 0.000200	0.00047
	2/14/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	5/16/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	9/14/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	10/26/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200

Bolded results indicate detection above laboratory reporting limits.



Monitoring well located within Site boundary

GW-22S



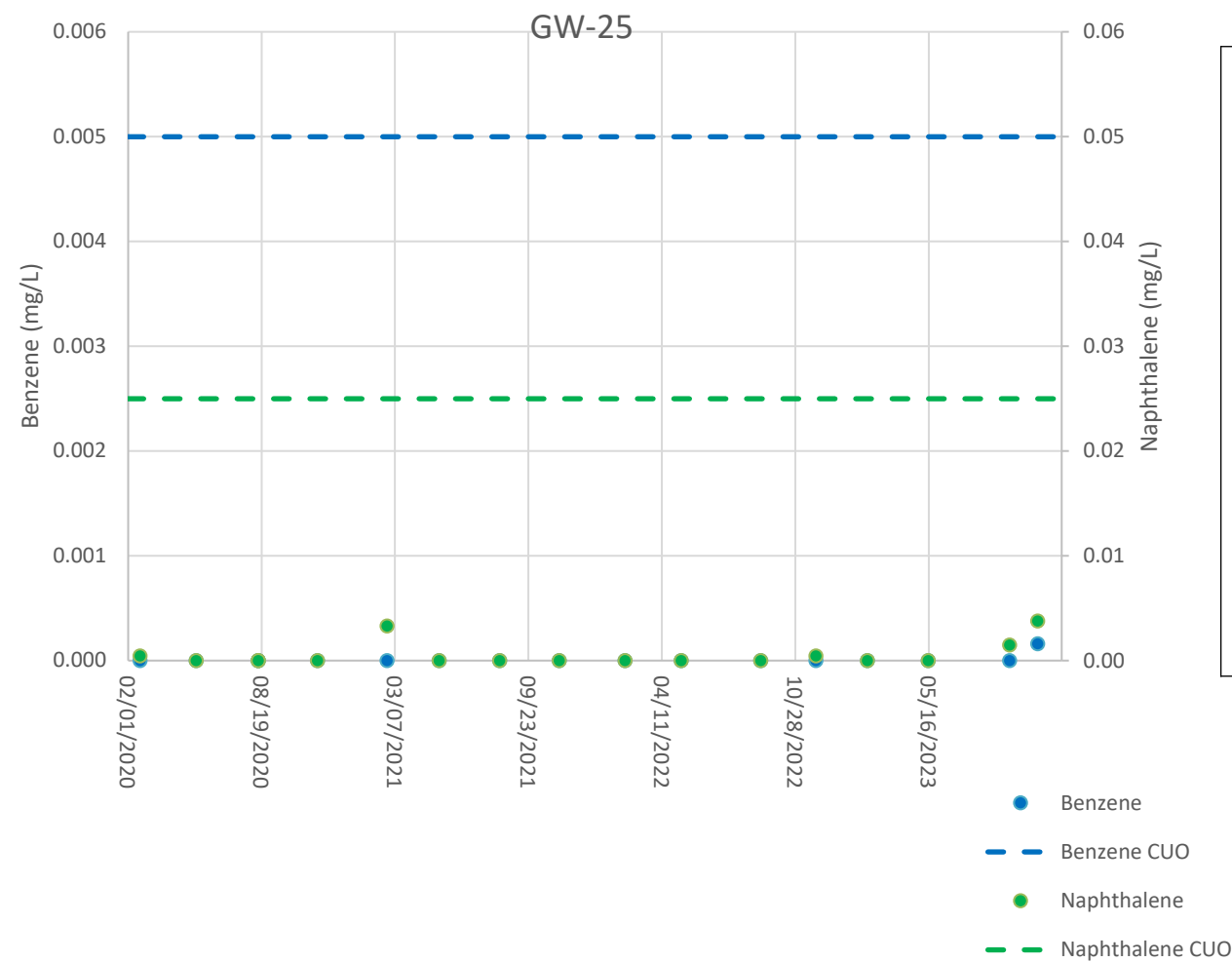
GW-22S	Sample date	Benzene mg/L	Benz(a)anthracene mg/L	Benzo(a)pyrene mg/L	Naphthalene mg/L
	2/20/2020	< 0.0005	0.000088	< 0.0001	< 0.002
	5/14/2020	< 0.0005	< 0.000077	< 0.000077	< 0.002
	5/14/2020	< 0.0005	< 0.000077	< 0.000077	< 0.002
	8/13/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	11/9/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	2/22/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/12/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	8/11/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	8/11/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	11/9/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	11/9/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	2/16/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/10/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	9/7/2022	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	11/29/2022	< 0.00050	< 0.000100	< 0.000200	0.00047
	2/14/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	5/16/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	9/14/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	10/26/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200

Bolded results indicate detection above laboratory reporting limits.



Monitoring well located within Site boundary

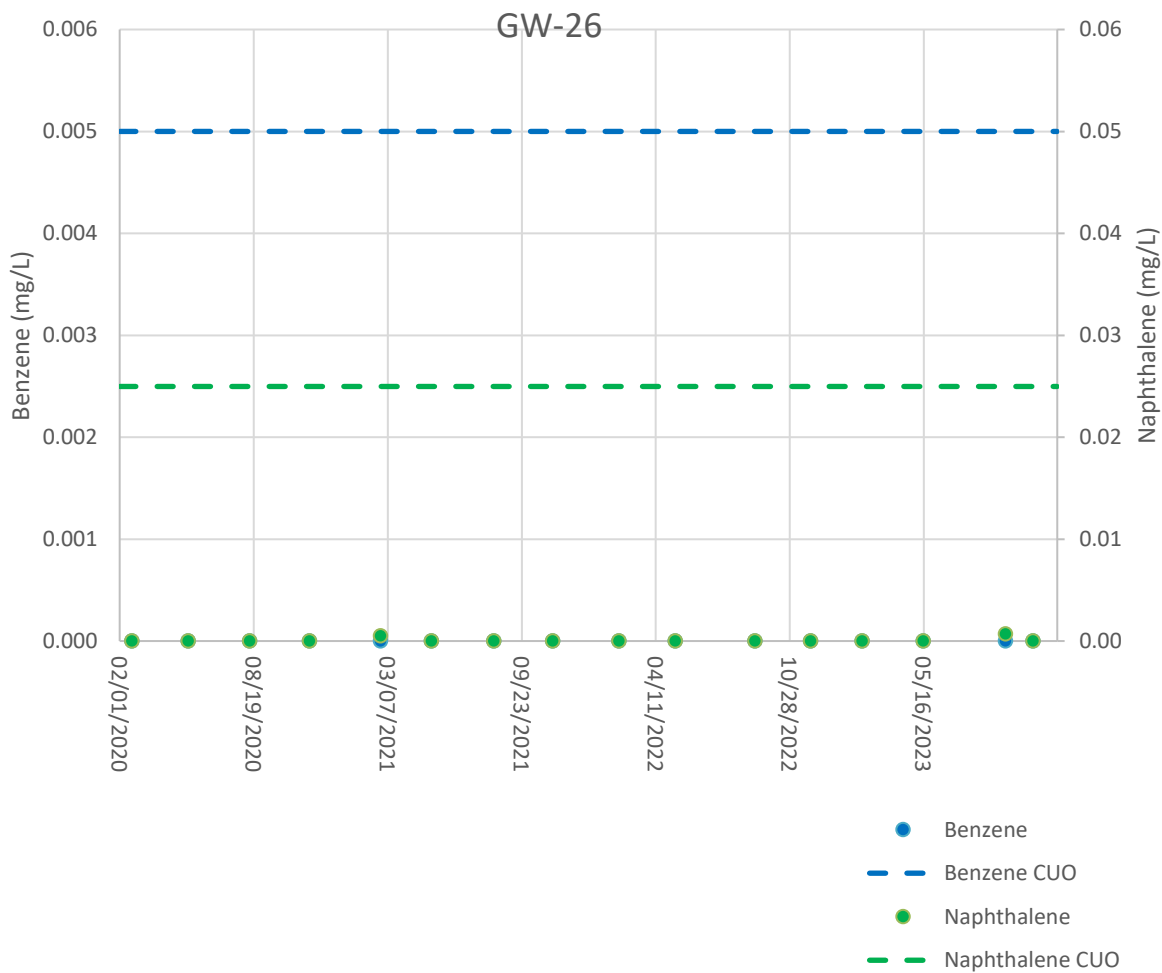
GW-25



GW-25	Sample date	Benzene mg/L	Benz(a)anthracene mg/L	Benzo(a)pyrene mg/L	Naphthalene mg/L
	2/19/2020	< 0.0005	< 0.0001	< 0.0001	0.00045
	5/13/2020	< 0.0005	< 0.000075	< 0.000075	< 0.002
	8/14/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	8/14/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	11/11/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	2/23/2021	< 0.0005	< 0.0001	< 0.0002	0.00329
	5/12/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	8/11/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	11/8/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	2/15/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/10/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	9/6/2022	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	11/28/2022	< 0.00050	< 0.000100	< 0.000200	0.00046
	2/13/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	5/15/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	9/14/2023	< 0.00050	< 0.000100	< 0.000200	0.0015
	10/26/2023	0.00016	< 0.000100	< 0.000200	0.00377

Bolded results indicate detection above laboratory reporting limits.

GW-26



GW-26	Sample date	Benzene mg/L	Benz(a)anthracene mg/L	Benzo(a)pyrene mg/L	Naphthalene mg/L
	2/19/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	5/13/2020	< 0.0005	< 0.000071	< 0.000071	< 0.002
	8/13/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	11/10/2020	< 0.0005	< 0.0001	< 0.0001	< 0.002
	2/24/2021	< 0.0005	< 0.0001	< 0.0002	0.00052
	5/11/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	8/12/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	11/8/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	2/15/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/10/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	9/6/2022	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	11/28/2022	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	2/13/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	5/15/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
	9/15/2023	< 0.00050	< 0.000100	< 0.000200	0.00069
	10/26/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200

Bolded results indicate detection above laboratory reporting limits.

GW-101S, GW-102S/D, GW-103S/D (Abandoned)

GW-101S	Sample date	Benzene mg/L	Benz(a)anthracene mg/L	Benzo(a)pyrene mg/L	Naphthalene mg/L
	5/13/2020	< 0.0005	< 0.000078	< 0.000078	< 0.002
	5/11/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/10/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/16/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
GW-102D	Sample date	Benzene mg/L	Benz(a)anthracene mg/L	Benzo(a)pyrene mg/L	Naphthalene mg/L
	5/10/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/13/2020	< 0.0005	< 0.000074	< 0.000074	< 0.002
	5/11/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/10/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/16/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
GW-102S	Sample date	Benzene mg/L	Benz(a)anthracene mg/L	Benzo(a)pyrene mg/L	Naphthalene mg/L
	5/13/2020	< 0.0005	< 0.000071	< 0.000071	< 0.002
	5/11/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/10/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/16/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
GW-103D	Sample date	Benzene mg/L	Benz(a)anthracene mg/L	Benzo(a)pyrene mg/L	Naphthalene mg/L
	5/12/2020	< 0.0005	< 0.000071	< 0.000071	< 0.002
	5/12/2020	< 0.0005	< 0.00008	< 0.00008	< 0.002
	5/12/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/11/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/17/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200
GW-103S	Sample date	Benzene mg/L	Benz(a)anthracene mg/L	Benzo(a)pyrene mg/L	Naphthalene mg/L
	5/12/2020	< 0.0005	< 0.000073	< 0.000073	< 0.002
	5/12/2021	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/11/2022	< 0.0005	< 0.0001	< 0.0002	< 0.002
	5/17/2023	< 0.00050	< 0.000100	< 0.000200	< 0.00200

GW-103S and GW-103D
have been abandoned

APPENDIX C – FIGURES AND SITE PHOTOS

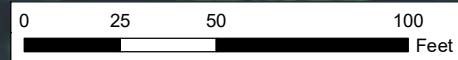
Site Inspection Photos
Site Inspection Checklist
IC Map



- Legend**
- City Boundary
 - Parent Parcel Boundary
 - Site Boundary
 - Type** Zoning Classification

Notes:

Figure 1
Site Location and
Surrounding Land Use
Ameren Taylorville MGP Site
Taylorville Township
Christian County, IL



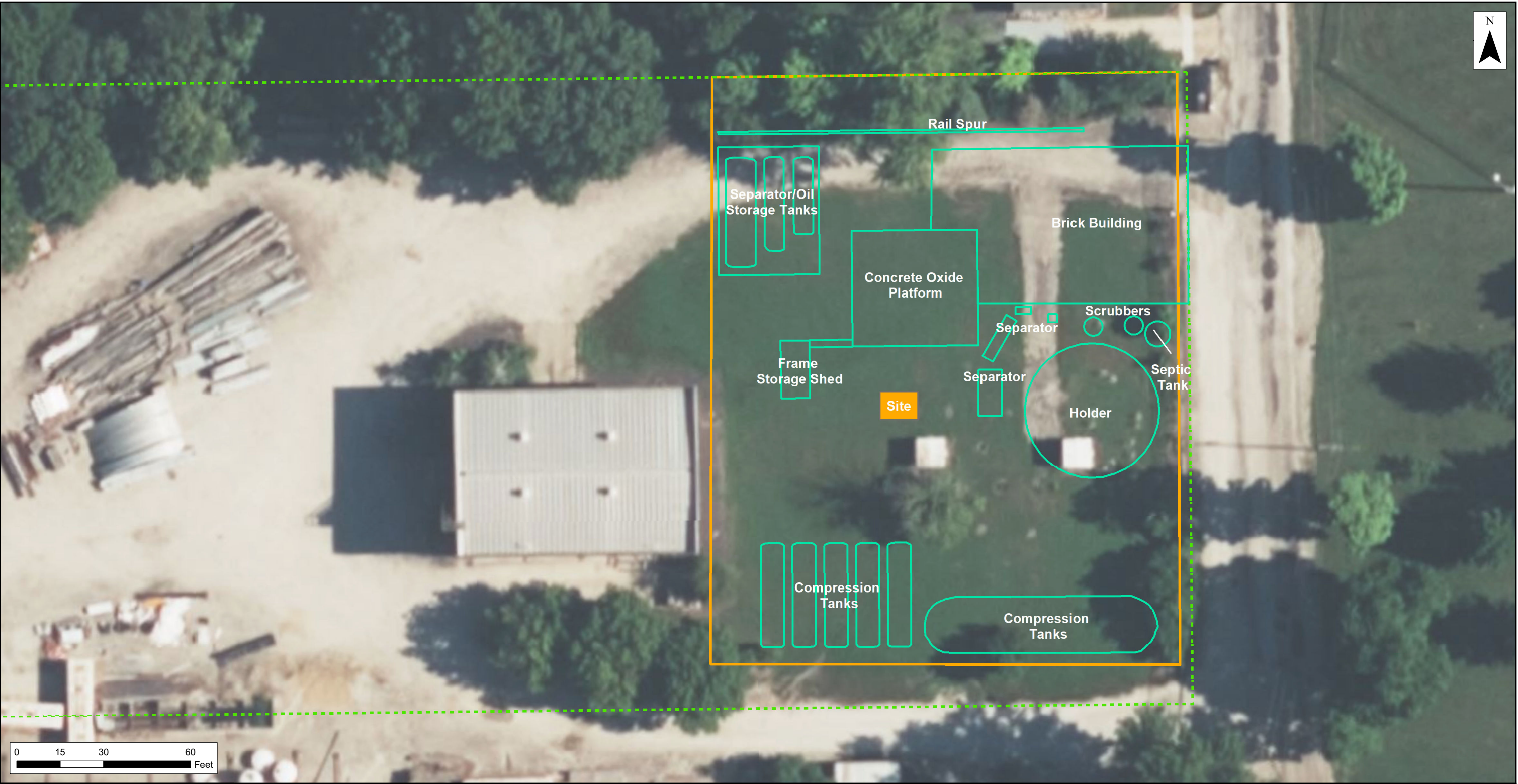
Legend

- Parent Parcel Boundary
- Site Boundary
- 1987 Excavation Area
- 2006-2007 ISCO Treatment Area
- 2010-2012 ISCO Treatment Area
- Pump & Treat Extraction Wells (1995-Present)

Note:
ISCO – In Situ Chemical Oxidation Treatment

Figure 4
Historical Remediation Areas
Ameren Taylorville MGP Site
Taylorville Township
Christian County, IL





- Legend**
- Parent Parcel Boundary
 - Remediation Site Boundary
 - Historical Features

Notes:

Figure 3
Historical Site Layout Map
Ameren Taylorville MGP Site
Taylorville Township
Christian County, IL

Insurance, Taxes and Licenses - This includes items such as liability and sudden and accidental insurance, real estate taxes on purchased land or right-of-way, licensing fees for certain technologies, and permit renewal and reporting costs.

Other Costs - This includes all other items which do not fit into any of the above categories.

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Please note that "O&M" is referred to throughout this checklist. At sites where Long-Term Response Actions are in progress, O&M activities may be referred to as "system operations" since these sites are not considered to be in the O&M phase while being remediated under the Superfund program.

Five-Year Review Site Inspection Checklist (Template)

(Working document for site inspection. Information may be completed by hand and attached to the Five-Year Review report as supporting documentation of site status. "N/A" refers to "not applicable.")

I. SITE INFORMATION															
Site name: <u>CIPS</u>		Date of inspection: <u>3/26/2024</u>													
Location and Region: <u>Taylorville/Rgt</u>		EPA ID: <u>FLD 981781065</u>													
Agency, office, or company leading the five-year review: <u>EPA/Region 5</u>		Weather/temperature: <u>Cloudy 42° Windy</u>													
Remedy Includes: (Check all that apply) <table border="0"> <tr> <td>☐ Landfill cover/containment</td> <td>☐ Monitored natural attenuation</td> </tr> <tr> <td>☒ Access controls</td> <td>☒ Groundwater containment</td> </tr> <tr> <td>☒ Institutional controls</td> <td>☐ Vertical barrier walls</td> </tr> <tr> <td>☒ Groundwater pump and treatment</td> <td></td> </tr> <tr> <td>☐ Surface water collection and treatment</td> <td></td> </tr> <tr> <td>☐ Other _____</td> <td></td> </tr> </table>				☐ Landfill cover/containment	☐ Monitored natural attenuation	☒ Access controls	☒ Groundwater containment	☒ Institutional controls	☐ Vertical barrier walls	☒ Groundwater pump and treatment		☐ Surface water collection and treatment		☐ Other _____	
☐ Landfill cover/containment	☐ Monitored natural attenuation														
☒ Access controls	☒ Groundwater containment														
☒ Institutional controls	☐ Vertical barrier walls														
☒ Groundwater pump and treatment															
☐ Surface water collection and treatment															
☐ Other _____															
Attachments: ☐ Inspection team roster attached ☒ Site map attached															
II. INTERVIEWS (Check all that apply)															
1. O&M site manager <u>DAVE PALMER</u> <u>Mgr</u> <u>3/26</u>															
Name		Title	Date												
Interviewed ☒ at site ☐ at office ☐ by phone Phone no. _____															
Problems, suggestions; ☐ Report attached <u>No Problem</u>															

2. O&M staff

Name John Waterman Title Operator Date 3/24
 Interviewed ☒ at site ☐ at office ☐ by phone Phone no. 369 820 4914
 Problems, suggestions; ☐ Report attached 314 733 4490
No Prob.

3.

Local regulatory authorities and response agencies (i.e., State and Tribal offices, emergency response office, police department, office of public health or environmental health, zoning office, recorder of deeds, or other city and county offices, etc.) Fill in all that apply.

Agency IEPA
 Contact Gregg Miller Name PM Title 3/26 Date Phone no.
 Problems; suggestions; ☐ Report attached No Problem / Active

Agency Sarah IEPA
 Contact Sarah Brubaker Name Comm Title Ref 4 Date 3/24 Phone no. Public Comm.
 Problems; suggestions; ☐ Report attached No Prob / Active Public Community

Agency _____
 Contact _____ Name _____ Title _____ Date _____ Phone no. _____
 Problems; suggestions; ☐ Report attached _____

Agency _____
 Contact _____ Name _____ Title _____ Date _____ Phone no. _____
 Problems; suggestions; ☐ Report attached _____

4. Other interviews (optional) ☐ Report attached.

None

III. ON-SITE DOCUMENTS & RECORDS VERIFIED (Check all that apply)				
1.	O&M Documents ☒ O&M manual ☒ As-built drawings ☒ Maintenance logs Remarks _____	☒ Readily available ☒ Readily available ☒ Readily available	☒ Up to date ☒ Up to date ☒ Up to date	☐ N/A ☐ N/A ☐ N/A
2.	Site-Specific Health and Safety Plan ☒ Contingency plan/emergency response plan Remarks _____	☒ Readily available ☐ Readily available	☒ Up to date ☐ Up to date	☐ N/A ☐ N/A
3.	O&M and OSHA Training Records Remarks _____	☒ Readily available	☒ Up to date	☐ N/A
4.	Permits and Service Agreements ☒ Air discharge permit ☒ Effluent discharge ☐ Waste disposal, POTW ☐ Other permits _____ Remarks _____	☐ Readily available ☒ Readily available ☐ Readily available ☐ Readily available	☐ Up to date ☒ Up to date ☐ Up to date ☐ Up to date	☒ N/A ☒ N/A ☐ N/A ☐ N/A
5.	Gas Generation Records Remarks _____	☐ Readily available	☐ Up to date	☒ N/A
6.	Settlement Monument Records Remarks _____	☐ Readily available	☐ Up to date	☒ N/A
7.	Groundwater Monitoring Records Remarks _____	☒ Readily available	☒ Up to date	☐ N/A
8.	Leachate Extraction Records Remarks _____	☐ Readily available	☐ Up to date	☒ N/A
9.	Discharge Compliance Records ☒ Air ☒ Water (effluent) Remarks _____	☐ Readily available ☒ Readily available	☐ Up to date ☒ Up to date	☒ N/A ☐ N/A
10.	Daily Access/Security Logs Remarks <u>As needed</u>	☒ Readily available	☒ Up to date	☐ N/A

IV. O&M COSTS																																											
1.	O&M Organization ☐ State in-house ☒ ~~PRP in-house~~ ☐ Federal Facility in-house ☐ Other _____	☐ Contractor for State ☒ Contractor for PRP ☐ Contractor for Federal Facility																																									
2.	O&M Cost Records ☒ Readily available ☒ Up to date ☐ Funding mechanism/agreement in place Original O&M cost estimate _____ ☐ Breakdown attached <i>will send</i> Total annual cost by year for review period if available <table style="width: 100%; margin-top: 10px;"> <tr> <td style="width: 20%;">From _____</td> <td style="width: 20%;">To _____</td> <td style="width: 20%;">_____</td> <td style="width: 40%;">☐ Breakdown attached</td> </tr> <tr> <td style="text-align: center;">Date</td> <td style="text-align: center;">Date</td> <td style="text-align: center;">Total cost</td> <td></td> </tr> <tr> <td>From _____</td> <td>To _____</td> <td>_____</td> <td>☐ Breakdown attached</td> </tr> <tr> <td style="text-align: center;">Date</td> <td style="text-align: center;">Date</td> <td style="text-align: center;">Total cost</td> <td></td> </tr> <tr> <td>From _____</td> <td>To _____</td> <td>_____</td> <td>☐ Breakdown attached</td> </tr> <tr> <td style="text-align: center;">Date</td> <td style="text-align: center;">Date</td> <td style="text-align: center;">Total cost</td> <td></td> </tr> <tr> <td>From _____</td> <td>To _____</td> <td>_____</td> <td>☐ Breakdown attached</td> </tr> <tr> <td style="text-align: center;">Date</td> <td style="text-align: center;">Date</td> <td style="text-align: center;">Total cost</td> <td></td> </tr> <tr> <td>From _____</td> <td>To _____</td> <td>_____</td> <td>☐ Breakdown attached</td> </tr> <tr> <td style="text-align: center;">Date</td> <td style="text-align: center;">Date</td> <td style="text-align: center;">Total cost</td> <td></td> </tr> </table>			From _____	To _____	_____	☐ Breakdown attached	Date	Date	Total cost		From _____	To _____	_____	☐ Breakdown attached	Date	Date	Total cost		From _____	To _____	_____	☐ Breakdown attached	Date	Date	Total cost		From _____	To _____	_____	☐ Breakdown attached	Date	Date	Total cost		From _____	To _____	_____	☐ Breakdown attached	Date	Date	Total cost	
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Date	Date	Total cost																																									
From _____	To _____	_____	☐ Breakdown attached																																								
Date	Date	Total cost																																									
3.	Unanticipated or Unusually High O&M Costs During Review Period Describe costs and reasons: _____ <i>None</i>																																										
V. ACCESS AND INSTITUTIONAL CONTROLS ☒ Applicable ☐ N/A																																											
A. Fencing																																											
1.	Fencing damaged Remarks _____	☒ Location shown on site map ☒ Gates secured	☐ N/A																																								
B. Other Access Restrictions																																											
1.	Signs and other security measures Remarks _____	☒ Location shown on site map	☐ N/A																																								

C. Institutional Controls (ICs)

1. **Implementation and enforcement**

Site conditions imply ICs not properly implemented ☐ Yes ☒ No ☐ N/A

Site conditions imply ICs not being fully enforced ☐ Yes ☒ No ☐ N/A

Type of monitoring (e.g., self-reporting, drive by) Self Reporting

Frequency Monthly

Responsible party/agency American

Contact Dave Palmer Ms. 3/26

Name Title Date Phone no.

Reporting is up-to-date ☒ Yes ☐ No ☐ N/A

Reports are verified by the lead agency ☒ Yes ☐ No ☐ N/A

Specific requirements in deed or decision documents have been met ☒ Yes ☐ No ☐ N/A

Violations have been reported ☒ Yes ☐ No ☐ N/A

Other problems or suggestions: ☐ Report attached

None

2. **Adequacy** ☒ ICs are adequate ☐ ICs are inadequate ☐ N/A

Remarks

D. General

1. **Vandalism/trespassing** ☒ Location shown on site map ☐ No vandalism evident

Remarks None

2. **Land use changes on site** ☐ N/A

Remarks None

3. **Land use changes off site** ☐ N/A

Remarks None

VI. GENERAL SITE CONDITIONS

A. Roads ☒ Applicable ☐ N/A

1. **Roads damaged** ☒ Location shown on site map ☒ Roads adequate ☐ N/A

Remarks

V1. G

OSWER No. 9355.7-03B-P

B. Other Site Conditions

None

VII. LANDFILL COVERS ☐ Applicable ☒ N/A			
A. Landfill Surface			
1.	Settlement (Low spots) Areal extent _____ Remarks _____	☐ Location shown on site map Depth _____	☐ Settlement not evident
2.	Cracks Lengths _____ Widths _____ Remarks _____	☐ Location shown on site map Depths _____	☐ Cracking not evident
3.	Erosion Areal extent _____ Remarks _____	☐ Location shown on site map Depth _____	☐ Erosion not evident
4.	Holes Areal extent _____ Remarks _____	☐ Location shown on site map Depth _____	☐ Holes not evident
5.	Vegetative Cover ☐ Trees/Shrubs (indicate size and locations on a diagram) Remarks _____	☐ Grass ☐ Cover properly established	☐ No signs of stress
6.	Alternative Cover (armored rock, concrete, etc.) Remarks _____	☐ N/A	
7.	Bulges Areal extent _____ Remarks _____	☐ Location shown on site map Height _____	☐ Bulges not evident
8.	Wet Areas/Water Damage ☐ Wet areas ☐ Ponding ☐ Seeps ☐ Soft subgrade Remarks _____	☐ Wet areas/water damage not evident ☐ Location shown on site map ☐ Location shown on site map ☐ Location shown on site map ☐ Location shown on site map	Areal extent _____ Areal extent _____ Areal extent _____ Areal extent _____
9.	Slope Instability Areal extent _____ Remarks _____	☐ Slides ☐ Location shown on site map	☐ No evidence of slope instability

B. Benches ☐ Applicable ☐ N/A (Horizontally constructed mounds of earth placed across a steep landfill side slope to interrupt the slope in order to slow down the velocity of surface runoff and intercept and convey the runoff to a lined channel.)			
1.	Flows Bypass Bench Remarks _____	☐ Location shown on site map	☐ N/A or okay
2.	Bench Breached Remarks _____	☐ Location shown on site map	☐ N/A or okay
3.	Bench Overtopped Remarks _____	☐ Location shown on site map	☐ N/A or okay
C. Letdown Channels ☐ Applicable ☐ N/A (Channel lined with erosion control mats, riprap, grout bags, or gabions that descend down the steep side slope of the cover and will allow the runoff water collected by the benches to move off of the landfill cover without creating erosion gullies.)			
1.	Settlement Areal extent _____ Depth _____ Remarks _____	☐ Location shown on site map	☐ No evidence of settlement
2.	Material Degradation Material type _____ Areal extent _____ Remarks _____	☐ Location shown on site map	☐ No evidence of degradation
3.	Erosion Areal extent _____ Depth _____ Remarks _____	☐ Location shown on site map	☐ No evidence of erosion

4.	Undercutting Areal extent _____ Remarks _____	☐ Location shown on site map Depth _____	☐ No evidence of undercutting
5.	Obstructions Type _____ ☐ Location shown on site map Size _____ Remarks _____	☐ No obstructions Areal extent _____	
6.	Excessive Vegetative Growth Type _____ ☐ No evidence of excessive growth ☐ Vegetation in channels does not obstruct flow ☐ Location shown on site map Remarks _____	Areal extent _____	
D. Cover Penetrations ☐ Applicable ☐ N/A			
1.	Gas Vents ☐ Active ☐ Passive ☐ Properly secured/locked ☐ Functioning ☐ Routinely sampled ☐ Good condition ☐ Evidence of leakage at penetration ☐ Needs Maintenance ☐ N/A Remarks _____		
2.	Gas Monitoring Probes ☐ Properly secured/locked ☐ Functioning ☐ Routinely sampled ☐ Good condition ☐ Evidence of leakage at penetration ☐ Needs Maintenance ☐ N/A Remarks _____		
3.	Monitoring Wells (within surface area of landfill) ☐ Properly secured/locked ☐ Functioning ☐ Routinely sampled ☐ Good condition ☐ Evidence of leakage at penetration ☐ Needs Maintenance ☐ N/A Remarks _____		
4.	Leachate Extraction Wells ☐ Properly secured/locked ☐ Functioning ☐ Routinely sampled ☐ Good condition ☐ Evidence of leakage at penetration ☐ Needs Maintenance ☐ N/A Remarks _____		
5.	Settlement Monuments ☐ Located ☐ Routinely surveyed ☐ N/A Remarks _____		

E. Gas Collection and Treatment			☐ Applicable ☐ N/A
1.	Gas Treatment Facilities ☐ Flaring ☐ Thermal destruction ☐ Collection for reuse ☐ Good condition ☐ Needs Maintenance Remarks _____		
2.	Gas Collection Wells, Manifolds and Piping ☐ Good condition ☐ Needs Maintenance Remarks _____		
3.	Gas Monitoring Facilities (e.g., gas monitoring of adjacent homes or buildings) ☐ Good condition ☐ Needs Maintenance ☐ N/A Remarks _____		
F. Cover Drainage Layer			☐ Applicable ☐ N/A
1.	Outlet Pipes Inspected	☐ Functioning	☐ N/A
Remarks _____			
2.	Outlet Rock Inspected	☐ Functioning	☐ N/A
Remarks _____			
G. Detention/Sedimentation Ponds			☐ Applicable ☐ N/A
1.	Siltation Areal extent _____	Depth _____	☐ N/A
☐ Siltation not evident			
Remarks _____			
2.	Erosion Areal extent _____	Depth _____	
☐ Erosion not evident			
Remarks _____			
3.	Outlet Works	☐ Functioning	☐ N/A
Remarks _____			
4.	Dam	☐ Functioning	☐ N/A
Remarks _____			

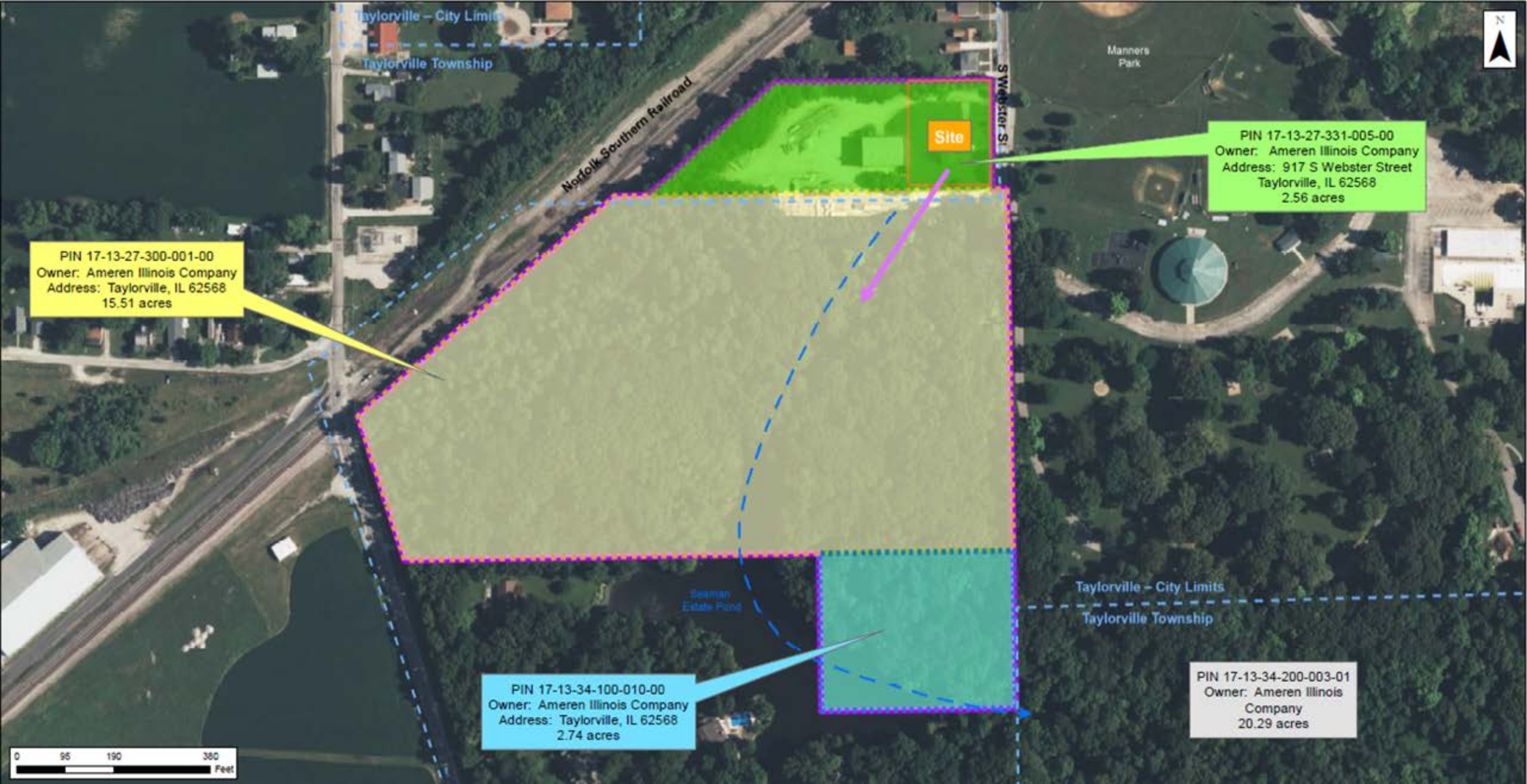
H. Retaining Walls		☐ Applicable	☐ N/A
1.	Deformations Horizontal displacement _____ Rotational displacement _____ Remarks _____	☐ Location shown on site map	☐ Deformation not evident Vertical displacement _____
2.	Degradation Remarks _____	☐ Location shown on site map	☐ Degradation not evident
I. Perimeter Ditches/Off-Site Discharge		☐ Applicable	☐ N/A
1.	Siltation Areal extent _____ Remarks _____	☐ Location shown on site map	☐ Siltation not evident Depth _____
2.	Vegetative Growth ☐ Vegetation does not impede flow Areal extent _____ Remarks _____	☐ Location shown on site map	☐ N/A Type _____
3.	Erosion Areal extent _____ Remarks _____	☐ Location shown on site map	☐ Erosion not evident Depth _____
4.	Discharge Structure Remarks _____	☐ Functioning	☐ N/A
VIII. VERTICAL BARRIER WALLS		☐ Applicable	☒ N/A
1.	Settlement Areal extent _____ Remarks _____	☐ Location shown on site map	☐ Settlement not evident Depth _____
2.	Performance Monitoring Type of monitoring _____ ☐ Performance not monitored Frequency _____ Head differential _____ Remarks _____	☐ Evidence of breaching	

IX. GROUNDWATER/SURFACE WATER REMEDIES ☒ Applicable ☐ N/A	
A. Groundwater Extraction Wells, Pumps, and Pipelines ☒ Applicable ☐ N/A	
1.	~~Pumps, Wellhead Plumbing, and Electrical~~ ☒ Good condition ☐ All required wells properly operating ☐ Needs Maintenance ☐ N/A Remarks <u>Good overall</u>
2.	~~Extraction System Pipelines, Valves, Valve Boxes, and Other Appurtenances~~ ☒ Good condition ☐ Needs Maintenance Remarks
3.	~~Spare Parts and Equipment~~ ☒ Readily available ☒ Good condition ☐ Requires upgrade ☐ Needs to be provided Remarks
B. Surface Water Collection Structures, Pumps, and Pipelines ☐ Applicable ☒ N/A	
1.	~~Collection Structures, Pumps, and Electrical~~ ☐ Good condition ☐ Needs Maintenance Remarks
2.	~~Surface Water Collection System Pipelines, Valves, Valve Boxes, and Other Appurtenances~~ ☐ Good condition ☐ Needs Maintenance Remarks
3.	~~Spare Parts and Equipment~~ ☐ Readily available ☐ Good condition ☐ Requires upgrade ☐ Needs to be provided Remarks

C. Treatment System		☒ Applicable	☐ N/A
1.	Treatment Train (Check components that apply) ☐ Metals removal ☐ Oil/water separation ☐ Bioremediation ☐ Air stripping ☐ Carbon adsorbers ☒ Filters <u>CPOTS (3)</u> ☐ Additive (e.g., chelation agent, flocculent) ☐ Others ☒ Good condition ☐ Needs Maintenance ☒ Sampling ports properly marked and functional ☒ Sampling/maintenance log displayed and up to date ☒ Equipment properly identified ☒ Quantity of groundwater treated annually <u>18 million gallons</u> ☐ Quantity of surface water treated annually <u>None</u> Remarks _____		
2.	Electrical Enclosures and Panels (properly rated and functional) ☐ N/A ☒ Good condition ☐ Needs Maintenance Remarks _____		
3.	Tanks, Vaults, Storage Vessels ☐ N/A ☒ Good condition ☒ Proper secondary containment ☐ Needs Maintenance Remarks _____		
4.	Discharge Structure and Appurtenances ☐ N/A ☒ Good condition ☐ Needs Maintenance Remarks _____		
5.	Treatment Building(s) ☐ N/A ☒ Good condition (esp. roof and doorways) ☐ Needs repair ☒ Chemicals and equipment properly stored Remarks <u>Yes</u>		
6.	Monitoring Wells (pump and treatment remedy) ☒ Properly secured/locked ☒ Functioning ☒ Routinely sampled ☒ Good condition ☒ All required wells located ☐ Needs Maintenance ☐ N/A Remarks <u>Good</u>		
D. Monitoring Data			
1.	Monitoring Data ☒ Is routinely submitted on time ☒ Is of acceptable quality		
2.	Monitoring data suggests: ☒ Groundwater plume is effectively contained ☒ Contaminant concentrations are declining		

D. Monitored Natural Attenuation <i>N/A</i>	
1. Monitoring Wells (natural attenuation remedy)	
☐ Properly secured/locked	☐ Functioning ☐ Routinely sampled ☐ Good condition
☐ All required wells located	☐ Needs Maintenance ☐ N/A
Remarks _____	
X. OTHER REMEDIES	
If there are remedies applied at the site which are not covered above, attach an inspection sheet describing the physical nature and condition of any facility associated with the remedy. An example would be soil vapor extraction. <i>N/A</i>	
XI. OVERALL OBSERVATIONS	
A. Implementation of the Remedy	
Describe issues and observations relating to whether the remedy is effective and functioning as designed. Begin with a brief statement of what the remedy is to accomplish (i.e., to contain contaminant plume, minimize infiltration and gas emission, etc.).	
<i>Remedy is to contain & treat contamination in G.W. Remedy has been effective & functioning as demonstrated by mass removal & reduction in concentration.</i>	
B. Adequacy of O&M	
Describe issues and observations related to the implementation and scope of O&M procedures. In particular, discuss their relationship to the current and long-term protectiveness of the remedy.	
<i>No concerns. Remedy has been functioning as designed.</i>	

C. Early Indicators of Potential Remedy Problems
Describe issues and observations such as unexpected changes in the cost or scope of O&M or a high frequency of unscheduled repairs, that suggest that the protectiveness of the remedy may be compromised in the future. <i>None</i>
D. Opportunities for Optimization
Describe possible opportunities for optimization in monitoring tasks or the operation of the remedy. <i>None @ this time</i>



PIN 17-13-27-300-001-00
Owner: Ameren Illinois Company
Address: Taylorville, IL 62568
15.51 acres

Site

PIN 17-13-27-331-005-00
Owner: Ameren Illinois Company
Address: 917 S Webster Street
Taylorville, IL 62568
2.56 acres

PIN 17-13-34-100-010-00
Owner: Ameren Illinois Company
Address: Taylorville, IL 62568
2.74 acres

PIN 17-13-34-200-003-01
Owner: Ameren Illinois Company
20.29 acres

0 95 190 360 Feet