

**SIXTH FIVE-YEAR REVIEW REPORT FOR
SYNTEX FACILITY SUPERFUND SITE
LAWRENCE COUNTY, MISSOURI**



Prepared by

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Table of Contents

LIST OF ABBREVIATIONS & ACRONYMS	iii
I. INTRODUCTION	1
FIVE-YEAR REVIEW SUMMARY FORM.....	3
II. RESPONSE ACTION SUMMARY	3
Basis for Taking Action	3
Response Actions.....	5
Status of Implementation	7
IC Summary	12
Systems Operations/Operation & Maintenance.....	14
III. PROGRESS SINCE THE LAST REVIEW	15
IV. FIVE-YEAR REVIEW PROCESS.....	20
Community Notification, Involvement & Site Interviews.....	20
Data Review	21
Site Inspection.....	25
V. TECHNICAL ASSESSMENT	26
QUESTION A: Is the remedy functioning as intended by the decision documents?	26
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?	30
QUESTION C: Has any other information come to light that could call into question the protectiveness of the remedy?.....	31
VI. ISSUES/RECOMMENDATIONS	31
OTHER FINDINGS.....	33
VII. PROTECTIVENESS STATEMENT.....	33
VIII. NEXT REVIEW	34
APPENDICES	
Appendix A – Figures	
Appendix B – Tables of Analytical Results	
Appendix C – List of References	
Appendix D – Site Inspection Checklist	
Appendix E – Site Inspection Photos	
Appendix F – Environmental Covenants	
Appendix G – Hydrology, Geology, and Hydrogeology	
Appendix H – Community Interviews	

LIST OF ABBREVIATIONS & ACRONYMS

2,4,5-T	2,4,5-Trichlorophenoxy-acetic acid
AOC	Administrative Order on Consent
ATSDR	Agency for Toxic Substances and Disease Registry
AUL	Activity and Use Limitation
BCP	BCP Ingredients, Inc.
bgs	below ground surface
BRA	Baseline Risk Assessment
CAO	Consent Agreement and Order
CDC	Centers for Disease Control and Prevention
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CSM	Conceptual Site Model
DLC	Dioxin-Like Compound
DPT	Direct-Push Technology
DU	Decision Unit
EC	Environmental Covenant
EPA	U.S. Environmental Protection Agency
EPC	Exposure Point Concentration
EW	Environmental Works, Inc.
Foth	Foth Infrastructure and Environment, LLC
ft	feet
FYR	Five-Year Review
HCP	hexachlorophene
IC	Institutional Control
kg	kilogram (10^3 gram)
MCL	Maximum Contaminant Level
MoDNR	Missouri Department of Natural Resources
ng	nanogram (10^{-9} gram)
NEPACCO	Northeastern Pharmaceutical and Chemical Company
NPL	National Priorities List
OCDD	Octachlorodibenzo-p-dioxin
O&M	Operation and Maintenance
OU	Operable Unit
pg	picogram (10^{-12} gram)
ppb	parts per billion
ppt	parts per trillion
ppq	parts per quadrillion
PQL	Practical Quantitation Limit
PQLG	Practical Quantitation Limit Goal
PRP	Potentially Responsible Party
RAO	Remedial Action Objective
RBC	Risk-Based Concentration
RCRA	Resource Conservation and Recovery Act
RfD	Reference Dose
RML	Removal Management Level
ROD	Record of Decision
RSL	Regional Screening Level
SDU	Super Decision Unit

SLERA	Screening Level Ecological Risk Assessment
SVOC	Semi-volatile Organic Compound
Syntex	Syntex Agribusiness, Inc.
TBC	To be considered
TCDD	2,3,7,8-Tetrachlorodibenzo-p-dioxin
TCP	2,4,5-Trichlorophenol
TEA	Toxicological and Environmental Associates, Inc.
TEF	Toxic Equivalence Factor
TEQ	Toxicity Equivalence
µg	microgram (10 ⁻⁶ gram)
UU/UE	Unlimited use and unrestricted exposure
VOC	Volatile Organic Compound

I. INTRODUCTION

The purpose of a Five-Year Review (FYR) is to evaluate the implementation and performance of a remedy to determine whether 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 U.S. Environmental Protection Agency 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 (40 CFR Section 300.430(f)(4)(ii)) and considering EPA policy.

This is the sixth FYR for the Syntex Facility Superfund site (Site). The triggering action for this statutory review is the completion date of the previous FYR. The FYR has been prepared because 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 three Operable Units (OUs), two of which will be addressed in this FYR: OU 1 addresses dioxin-contaminated soils and equipment, and OU 2 addresses groundwater. Recent investigations have detected high concentrations of 1,4-dioxane in the groundwater. In January 2022, a new OU, OU 3, was assigned as the source area soils and groundwater. The primary contaminant of concern for OU 3 is currently 1,4-dioxane; however, other contaminants may be identified during the upcoming site characterization activities. To date, there is no Record of Decision on OU 3; therefore, it is not included in this FYR.

The Site FYR was led by Brian Zurbuchen, EPA Remedial Project Manager. The Site FYR team members included Jessica Kidwell, EPA Hydrogeologist; Kelly Schumacher, EPA Human Health Risk Assessor; Venessa Madden, EPA Ecological Risk Assessor; Pamela Houston, EPA Community Involvement Coordinator; Steven Sanders, EPA Attorney-Advisor and Mikayla Morris, Missouri Department of Natural Resources (MoDNR) Project Manager. Upon initiation of the FYR, the EPA notified Syntex Agribusiness, Inc (Syntex), the Potentially Responsible Party (PRP) for OU 1 and OU 2 of the Site. The review began on July 15, 2021.

Site Background

The Site covers approximately 180 acres and is located in Verona, Missouri (Appendix A, Figure 1). The Spring River flows northward through the Site, dividing it into two areas – the approximately 100-acre East Area and the 80-acre West Area. The East Area is within the floodplain of the Spring River and includes buildings and infrastructure associated with the former and current manufacturing facilities. The West Area is mostly wooded, rolling upland terrain. The Site is bordered to the east by the city of Verona, which has a 2020 census population of 507 (U.S. Census Bureau, 2022). The Site is bordered to the north, south, and west by forested and agricultural land.

Before industrial operations, the Site was used for agricultural and recreational purposes. In the 1960s, Hoffman-Taff Inc. owned and operated the facility on the Site. During the period May 1968 to February 1969, Hoffman-Taff produced 2,4,5-trichlorophenoxyacetic acid (also known as 2,4,5-T) for the U.S. Army. 2,4,5-T is one component of the defoliant commonly referred to as Agent Orange. Between 1969

and 1972, Northeastern Pharmaceutical and Chemical Company (NEPACCO) leased a portion of the facility to produce hexachlorophene (HCP). Syntex purchased the facility from Hoffman-Taff in December 1969 and allowed NEPACCO's lease to remain in effect.

The production of 2,4,5-T and HCP both involve the intermediate production of 2,4,5-trichlorophenol (TCP), during which the compound 2,3,7,8-tetrachlorodibenzo-p-dioxin¹, was created as an unwanted byproduct. To meet U.S. Food and Drug Administration (FDA) restrictions on dioxin concentrations, the HCP was processed to remove dioxin. In the course of purifying the HCP, still bottom wastes were created, which contained dioxin. Dioxin, TCP and HCP are categorized as 'listed' hazardous wastes under the Resource Conservation and Recovery Act (RCRA) and as hazardous substances under CERCLA. Chemical manufacturing wastes were disposed of in several areas at the facility, contaminating the soil and groundwater with dioxin, semi-volatile organic compounds (SVOCs) and volatile organic compounds (VOCs). Fish and sediment in the downstream Spring River were also contaminated.

In 1996, Syntex sold the East Area of the Site to DuCoa, L.P. In 2001, DuCoa, L.P. sold the East Area to BCP Ingredients, Inc. (BCP), which is the current owner of the East Area and operator of the facility. BCP currently manufactures feed-grade choline chloride products and repackages ethylene oxide at the facility. The West Area is unused and remains under Syntex ownership. Land use on the Site is restricted, as detailed below, and not expected to change. The uses of surrounding land are not expected to change in the foreseeable future.

Refer to Appendix G for information on the hydrology, geology and hydrogeology of the Site.

¹ 2,3,7,8-tetrachlorodibenzo-p-dioxin is sometimes referred to as 2,3,7,8-TCDD, TCDD, or simply dioxin. These terms are used interchangeably in this FYR.

FIVE-YEAR REVIEW SUMMARY FORM

SITE IDENTIFICATION		
Site Name: Syntex Facility site		
EPA ID: MOD007452154		
Region: 7	State: MO	City/County: Verona/Lawrence
SITE STATUS		
NPL Status: Final		
Multiple OUs? Yes	Has the site achieved construction completion? Yes	
REVIEW STATUS		
Lead agency: EPA		
Author name (Federal or State Project Manager): Brian Zurbuchen		
Author affiliation: US EPA, Region 7		
Review period: 7/15/2021 – 9/15/2022		
Date of site inspection: 10/5/2021		
Type of review: Statutory		
Review number: 6		
Triggering action date: 9/28/2017		
Due date (five years after triggering action date): 9/28/2022		

II. RESPONSE ACTION SUMMARY

Basis for Taking Action

The EPA added the Site to the Superfund program's National Priorities List (NPL) in September 1983. The EPA and Syntex entered into a Consent Agreement and Order (1983 CAO) in September 1983, pursuant to Section 106 of CERCLA, 42 U.S.C. § 9606, and Section 3013 of RCRA, 42 U.S.C. § 6934. Among other actions, the 1983 CAO required Syntex to plan and conduct site characterization activities to define the nature and extent of contamination and to develop and evaluate a range of alternatives to abate the actual or threatened release of the contaminants from the facility. In addition, the 1983 CAO required Syntex to develop and conduct fish and sediment sampling in the Spring River downstream of the facility.

Between 1983 and 1988, Syntex conducted site investigations in accordance with the 1983 CAO. In 1988, the EPA divided the Site into two separate operable units (OUs). The contaminated soils and equipment were addressed under OU 1, while the groundwater contamination was addressed by OU 2.

OU 1 Soils and Equipment

Several areas were delineated within the Site based on historical activities and soil sampling results: Slough Area, Lagoon Area, Spill Area, Irrigation Area, Burn Area, and Trench Area (Appendix A, Figure 2). The remainder of the East Area was defined as the Grid Area. Surface and subsurface sampling of the Burn, Irrigation, and Lagoon Areas found dioxin concentrations ranging from non-detect up to 27 parts per billion (ppb), 29 ppb, and 1,170 ppb, respectively. None of the surface or subsurface samples from the Slough, Spill, or Grid Areas exceeded 20 ppb. In the Trench Area, subsurface soil sampling found dioxin ranging from non-detect up to 18 ppb in perimeter boring locations around the trenches and up to 69 ppb within the trenches themselves. Angle borings beneath the trenches were generally non-detect. Surface soils in the Burn, Irrigation, and Lagoon Areas at the Site were determined to be contaminated with dioxin above health-based levels for an industrial land use scenario. Potential human exposure pathways to dioxin-contaminated soils included continued long-term direct contact with or ingestion of soils and inhalation of dioxin-contaminated airborne particulates. In addition, dioxin contamination was detected on equipment formerly used at the Site that exceeded a level of concern for protection of human health. Hazardous substances disposed in the Trench Area posed a potential risk to human health and the environment if not properly managed.

In addition to dioxin, other organic and inorganic contaminants were detected in soil and groundwater. However, the EPA's Record of Decision for OU 1 (1988 ROD) stated that the primary contaminant of concern at the Site was 2,3,7,8-TCDD (dioxin) (EPA, 1988a). The 1988 ROD stated that the Agency for Toxic Substances and Disease Registry (ATSDR) had determined that other organic and inorganic compounds were below levels of concern.

The EPA concluded that certain types of non-residential exposure to soil contaminated at up to 20 ppb dioxin are below a level of concern for public health. This conclusion was based upon an ATSDR advisory that the average lifetime daily dosage in a commercial setting contaminated at 20 ppb dioxin is 33 femtograms/kilogram body weight/day, and that this calculated exposure is below the average daily dose estimated to be of concern for public health.

OU 2 Groundwater

The 1988 ROD for OU 1 stated that the existing groundwater data was insufficient to determine groundwater remediation needs and that further monitoring was required. In response, additional monitoring wells (MW-11, -12, -13, -14, -14A, -15, -15A, -15B, -16, -16B, -17, and -18) were installed and subsequently monitored. A baseline risk assessment (BRA) was conducted in 1992 to evaluate current and future potential risk of human exposure to site groundwater (Metcalf & Eddy, 1992). The BRA did not address surface water, except to state that "... the exposures would be encompassed by consideration of the three primary groundwater pathways developed in the exposure assessment." The BRA was prepared using assumptions regarding maximum exposures that could be reasonably expected for an individual living immediately downgradient of the Site and relying on a water well completed within the shallow alluvial aquifer as a sole source of water for drinking and other purposes. This is defined as the Reasonable Maximum Exposure scenario. The EPA considers the exposure to be unacceptable if it results in a carcinogenic risk greater than one additional case of cancer per 10,000 people exposed. The EPA also considers the exposure to be unacceptable if it results in a non-cancer hazard index greater than 1. The BRA determined that groundwater contaminant levels immediately downgradient of the Site were within the acceptable risk range.

Response Actions

OU 1 Soils and Equipment

In May 1988, the EPA completed a Record of Decision (1988 ROD) for the OU 1 dioxin-contaminated soils and equipment at the Site. At the time of the 1988 ROD for OU 1, there was insufficient information to determine whether remedial actions were also warranted for the groundwater and the Spring River sediments; and groundwater was not yet designated as OU 2. Therefore, the 1988 ROD also included additional monitoring and assessment of the groundwater and Spring River fish and sediments. The 1988 ROD declared dioxin to be the primary contaminant of concern in the soil.

The 1988 ROD identified the following major components of the remedy:

- Excavation of TCDD-contaminated soils exceeding the 20 ppb action level²;
- Dismantle, as appropriate, and clean equipment with a series of solvent and aqueous rinses;
- Thermal treatment of soils excavated and removed from the Site and cleaning solutions;
- Maintain vegetative cover over surface soils containing greater than 1 ppb TCDD; and
- Install a vegetative clay cap over the Trench Area and a gravel drainage-interception trench upgradient of the Trench Area³.

The 1988 ROD further clarified the remedial action components for each of the areas: Grid Area, Burn Area, Spill Area, Irrigation Area, Trench Area, Lagoon Area, Slough Area. These remedial action components were similar but varied slightly depending on the area. The remedial action components for the Burn, Irrigation, and Lagoon Areas included excavation and incineration of dioxin-contaminated soils > 20 ppb, as well as backfilling and reestablishing vegetation. These were the only areas where excavation was a remedial action component, and only when soils exceeded the action level. It should be noted that the 1988 ROD defined the Irrigation Area to be a portion (approximately 1/6th) of the former NEPACCO spray irrigation area. This was due to the sampling results that indicated this was the only area that exceeded 20 ppb.

The 1988 ROD did not include remedial actions for the Spring River sediment since sediment sampling and fish tissue sampling indicated remedial actions were not warranted. Spring River fish samples were collected from 0.3 to 12 miles downgradient of the Site and over the period from 1981 to 1987. These samples indicated decreasing dioxin concentrations over time and with distance downstream from the Site. Additionally, since 1985, dioxin concentrations at all monitored locations downstream from the Site were less than the FDA advisory level for reduced consumption. Spring River sediment samples collected 0.3, 6, and 12 miles downgradient of the Site did not detect dioxin, except at the 0.3-mile location, and levels at that location appeared to be decreasing and were well below the soil cleanup level used for the residential exposure scenario.

² The description of this remedial action component is quoted from the Record of Decision Declaration of the 1988 ROD. However, it over-generalized the excavation activities. The ROD identified three areas for excavation on the basis of sampling data available at the time: Burn Area, Irrigation Area, and Lagoon Area. This excavation component of the ROD was further clarified in the detailed description of the remedial alternative and in the description of the alternatives evaluated: "Soil sampling, using a 95 percent confidence level sampling protocol, would be conducted prior to the excavation of any area to establish the extent of surface contamination." Subsequently, the soils containing 20 ppb or more were to be excavated to a dioxin concentration less than 20 ppb, to a depth of 4 feet (ft), or to bedrock, whichever occurs first. Additionally, there would be no excavation of the Trench Area soils due to concerns any excavation could potentially mobilize contaminants.

³ The remedy for the Trench Area was backfilling trench depressions to grade with gravel, and a one-foot clay cap covered by a one-foot vegetated soil cover, and a drainage-interception trench.

OU 2 Groundwater

In April 1993, the EPA completed the ROD for OU 2. The ROD specified the following actions:

- No further remedial action;
- Conduct groundwater monitoring, including analysis for a dozen additional compounds, on a quarterly basis for the floodplain monitoring wells for a period of two years;
- After the first year of groundwater monitoring, decrease the frequency to semi-annual for compounds whose concentrations have remained constant;
- Conduct surface water sampling of the Spring River upstream and downstream of the facility and the formerly contaminated areas in coordination with the groundwater monitoring program;
- Conduct a risk assessment at the end of the two-year monitoring program to ensure that the “no action” remedy remains protective of human health and the environment.

Remedial action objectives (RAOs) are media-specific or operable-unit-specific goals for protecting human health and the environment. Although RAOs were not specifically delineated in the RODs for OU 1 or OU 2, presumptive RAOs for the activities conducted at the Site were described in the 1997 FYR:

- Reduce exposure to contaminated soils at the Site, specifically TCDD contamination;
- Reduce contamination of on-site groundwater by addressing contaminated soils;
- Reduce exposure to materials and equipment contaminated with TCDD;
- Prevent mobilization of TCDD-contaminated soils to the Spring River to reduce potential human exposure to fish containing TCDD;
- Assess the groundwater contamination to assure protectiveness.

Table 1: Cleanup Levels Selected in the RODs

	OU 1	OU 2
Media	Soil	Groundwater
Cleanup Level	TCDD concentration > 20 ppb* required excavation, TCDD concentration >1 and <20 ppb required vegetative cover	N/A**

* This was the action level established for the protection of human health and the environment at commercial facilities.

** At the time of the remedial action, active remediation of groundwater was not needed; therefore cleanup levels were not identified.

In May 1988, pursuant to the 1983 CAO, Syntex developed a Verification Sampling and Excavation Plan to achieve the cleanup measures selected in the 1988 ROD for OU 1 (Syntex, 1988a). The remedy in the 1988 ROD was to excavate and incinerate dioxin-contaminated soils > 20 ppb (as determined using a 95 percent confidence level sampling protocol) in the Burn, Irrigation, and Lagoon Areas. The Verification Sampling and Excavation Plan and the Implementation Plan (Syntex, 1988b) documented the additional verification soil sampling and more robust statistical analysis (referred to as the verification sampling protocol) to be used to first characterize the dioxin contamination of the surface soils in these areas. The Implementation Plan clarified that if the surface soil concentration in an area

was < 20 ppb, as determined by the verification sampling protocol, then stabilization measures alone would be implemented, and excavation of the soils would not be performed. If the surface soil concentration was found to exceed 20 ppb in an area, then soils would be excavated in 6-inch lifts. The two-step process would then proceed with verification sampling of the exposed surface, followed by excavation if the dioxin concentration exceeding 20 ppb, until the dioxin concentration was less than 20 ppb, a depth of 4 feet (ft) was reached, or to bedrock, whichever occurred first.

The Burn Area and the Irrigation Area were smaller areas, approximately 7,500 and 4,500 ft², respectively, so the Implementation Plan specified they would each be addressed individually, as single units. The Lagoon Area was larger and therefore broken into 13 smaller subareas with 5 buffer subareas bounding part of the Lagoon Area. For two subareas of the Lagoon Area, the Implementation Plan called for the upper 18 inches of soil to be excavated and incinerated prior to the first round of verification soil sampling.

In December 1988, the remedy in the OU 1 ROD was amended to include a flood control berm. This amendment occurred when the EPA approved Syntex's plans for construction of a flood control levee (or berm) around the manufacturing facilities on the Site, including the Lagoon Area, Spill Area, and Irrigation Area. In approving the flood control berm, the EPA concluded that the flood control measures were consistent with the intent of the OU 1 ROD, did not alter the OU 1 ROD activities, and aided in the long-term maintenance of vegetation and in the reduction in potential contaminant migration. Most importantly, the EPA incorporated the berm into the OU 1 ROD. "The flood control measures in the future will be considered part of the ongoing response action under ..." OU 1. The EPA further clarified, "Efforts on the flood control measures should subsequently be incorporated into remedial action timetables and future progress reports." (EPA, 1988b).

On July 17, 1997, the EPA issued a Removal Action Memorandum to address polychlorinated biphenyl (PCB)-contaminated soils that were found in the area around a former electrical building, also referred to as the PCB Spill Area. The proposed actions included characterization and removal of the former electrical building and contaminated debris, and characterization and removal of contaminated soil around the electrical building.

In July 1997, the EPA and Syntex entered into an Administrative Order on Consent (AOC) with Syntex (1997 AOC) to complete OU 2 groundwater and surface water monitoring and human health risk assessment activities, and to conduct the removal activities to address the PCB Spill Area (EPA, 1997). The AOC approved the OU 2 Implementation Plan dated June 1995 (Radian, 1995), which described how the OU 2 ROD requirements were to be implemented.

Status of Implementation

OU 1 Soils and Equipment

Remedial action activities specified in the 1988 ROD for OU 1 began in 1988. The remedial action activities related to soils contaminated with dioxin were completed in 1989 in a manner consistent with the 1988 ROD, the Verification Sampling and Excavation Plan (Syntex, 1988a), and the Implementation Plan (Syntex, 1988b). Regarding the Burn, Irrigation, and Lagoon Areas specifically, the remedial action activities to address the dioxin-contaminated soils began with the additional surface soil characterization activities (i.e., verification sampling and statistical analysis), which were described in the 1988 ROD and incorporated into the Implementation Plan. Surface soil was reassessed in the Burn and Irrigation Areas. The surface soils in the Burn and Irrigation Areas were both determined to have dioxin concentrations

less than 20 ppb, so no excavation was necessary. In the Burn Area, topsoil was used to fill a depression, and vegetation was reestablished. In the Irrigation Area, topsoil was used to raise the elevation and prevent surface water drainage through it, and vegetation was reestablished. In the subareas that comprise the Lagoon Area, soils were excavated to varying depths in accordance with the Implementation Plan. Approximately 860 cubic yards of dioxin-contaminated soil was excavated, transported to the EPA Mobile Incineration System, and incinerated. The excavated areas of the Lagoon were backfilled with soil, with the last six inches being topsoil, and vegetation was established.

By 1990, most of the dioxin-contaminated equipment had been dismantled and decontaminated in a manner consistent with the 1988 ROD and Implementation Plan.

The flood berm was constructed to guard against potential flooding, up to the 100-year flood level. The flood berm design plans were submitted in the May 25, 1989 Addendum to the Implementation Plan for OU 1 (Syntex, 1989). Construction of the flood berm appears to have been completed in 1989. Syntex did not submit final as-built drawings to the EPA. Although it was a component of the OU 1 remedy, for unknown reasons the flood berm was not addressed in either the 1998 Preliminary Closeout Report (EPA, 1998a) or the 1998 Remedial Action Report (EPA, 1998b).

In 1995, all equipment and debris were removed from the Spill Area. No excavation was initially required in this area because the concentration of dioxin contamination was below the 20 ppb action level. The original plan called for a vegetative cap, but the owner wished to use the area for parking and movement of vehicles and equipment, so an asphaltic cap was substituted. The EPA and MoDNR agreed that this cap would be as protective as a vegetative cap and would need to be maintained in perpetuity (EPA 1995a,b).

Decontamination procedures were developed to clean the contaminated NEPACCO and photolysis equipment. The procedures were implemented, and approximately 75 percent of the equipment was treated. The land disposal restrictions posed problems for final management of the treated equipment. In 1996, a determination was made by the EPA, under the hazardous debris rule, that the developed procedures would adequately protect human health and the environment and allowed the treated equipment to be disposed of as a solid waste. All of the equipment has since been properly treated and disposed.

Additional dioxin soil contamination was discovered in March 1997 near the former T-1 dike in the Spill Area. The EPA Remedial Action Report, dated September 1998, reports that soils contaminated with dioxin above 20 ppb were excavated and transported to a commercial incinerator for thermal treatment. The excavated area was backfilled with a minimum of one foot of clean dirt and capped with an asphaltic cover. This work was completed in December 1997.

Removal activities related to the PCB-contaminated soils and small electrical building were conducted between September 1997 and January 1998 pursuant to the 1997 Removal Action Memorandum. The soil characterization and excavation were done in an iterative manner similar to the excavation activities for the dioxin-contaminated soils in the Lagoon Area (Syntex, 1997).

On January 22, 1998, a final inspection was conducted by representatives of the EPA, MoDNR and Syntex, after which the OU 1 remedy was determined to be operational and functional (EPA, 1998b). Figure 2 (Appendix A) identifies the areas of remedial and removal activities.

OU 2 Groundwater

Following completion of the OU 2 ROD in 1993, Syntex continued to collect groundwater samples and installed additional groundwater monitoring wells, including replacing several existing Trench Area groundwater monitoring wells that had not produced sufficient water for sampling.

Pursuant to the 1997 AOC to implement the 1993 OU 2 ROD, Syntex collected water samples from the groundwater monitoring well network in the East Area for eight consecutive quarters, from November 1997 through August 1999. Concurrent with the groundwater sampling events, Syntex also collected surface water samples from the Spring River at one upstream and one downstream location. Syntex subsequently submitted a draft Human Health Risk Assessment (HHRA) in February 2000 (S.M. Stoller, 2000). The draft HHRA evaluated the potential on-site risks for the industrial worker scenario and off-site risks to residents. The draft HHRA concluded there was not a complete exposure pathway to contaminated groundwater because the groundwater discharged to the Spring River and exposure to surface water did not exceed acceptable levels. Syntex continued to voluntarily perform groundwater monitoring on a semi-annual basis from late 2003 to 2005 and then annually thereafter through 2012. Syntex also voluntarily performed groundwater monitoring of Trench Area monitoring wells between August 2002 and 2012.

OU 1 Soils and Equipment AND OU 2 Groundwater

The Fourth and Fifth FYRs, completed in 2012 and 2017, found that at the time the Remedial Actions for the OU 1 soils and equipment and OU 2 groundwater were implemented, they were protective of human health and the environment (EPA, 2012; 2017). However, these FYRs concluded that the overall protectiveness of the remedy could not be determined without additional information. The primary factors that led to this determination included the following:

- After the remedies were selected, standardized risk assessment methodology and input parameters were updated;
- The toxicity values for 1,4-dioxane and TCDD were revised in 2009 and 2012, respectively, which effectively lowered the levels of exposure considered to be protective;
- Risks associated with 1,4-dioxane could not be properly evaluated because existing analytical results for 1,4-dioxane had quantification limits that were higher than the new toxicity value.

In addition, 1,4-dioxane was found to be present above the screening level in groundwater at the Site when samples collected in December 2016 and February 2017 were analyzed using more sensitive techniques.

To address the issues identified in the Fourth FYR, the EPA completed an AOC with Syntex in September 2016 (2016 AOC) (EPA, 2016). The purpose of the 2016 AOC was to conduct additional investigations of the Site and determine whether the remedies implemented at the Site remained protective. The additional investigations included soil, sediment, and groundwater sampling; monitoring well installations; and hydrogeological and geotechnical characterization. The 2016 AOC also included reassessment of human health and ecological risk using current methodologies, assumptions, and toxicity values. Syntex began these investigations in late 2016, as the Fifth FYR was being conducted, and most of these investigations have now been completed. The only ongoing investigations pursuant to the 2016 AOC are related to 1,4-dioxane contamination associated with OU 3. Table 2 summarizes the

objectives and findings of investigations conducted pursuant to the 2016 AOC, as well as additional investigations conducted voluntarily by Syntex.

Table 2 – Summary of Investigations and Findings from 2016 AOC Work

Investigations	Date Completed	Findings
Pathways Analysis – Identify site-specific exposure parameters for human receptors exposed to shallow soils in each of four areas within the East Area, referred to as Super Decision Units (SDUs).	July 2016	Exposure parameters were identified for five potential receptor categories: Plant Worker, Maintenance Worker, Groundskeeper, Trespasser, and Short-Term Contract Worker (Foth, 2016a).
East Area Soil Sampling and Protectiveness Evaluation – Determine whether exposure to dioxin and dioxin-like compounds (DLCs) in the East Area shallow soil is within acceptable limits. First, develop site-specific, risk-based concentrations (RBCs) for each SDU and DU using the site-specific exposure parameters identified in the Pathways Analysis. The RBCs represent the upper threshold for acceptable exposure to shallow soil. Second, characterize concentrations of dioxin and DLCs in shallow soils across the East Area. Third, calculate an exposure point concentration (EPC) for each individual SDU and DU, based on the concentrations of dioxin and DLCs. Fourth, compare each EPC to the relevant site-specific RBC.	July 2020	<p>Dioxin is present in shallow soil samples collected across the East Area at concentrations ranging from 0.0017 to 5.3 micrograms per kilogram ($\mu\text{g}/\text{kg}$). DLCs were also detected in some areas. An EPC for each SDU and DU was calculated and compared to the respective RBC.</p> <p>The exposures of each of the potential receptors (Plant Worker, Maintenance Worker, Groundskeeper, Trespasser, and Short-Term Contract Worker) to dioxin and DLCs in shallow soils were within acceptable limits (i.e. the EPCs did not exceed the relevant RBCs) (Foth 2020c). Refer to Appendix A, Figure 3.</p>
East Area Well Installations – Install three additional monitoring wells in the bedrock downgradient of the Site to evaluate groundwater quality, water levels and aquifer properties.	December 2020	The bedrock wells EA-221B, EA-222B, and EA-223B were constructed, developed, and surveyed. Hydraulic testing results indicate EA-221B and EA-223B exhibit moderate hydraulic conductivity on the order of 10^{-3} to 10^{-4} cm/sec. EA-222B exhibited low hydraulic conductivity (Foth, 2020g).
East Area Groundwater Sampling – Conduct six quarters of groundwater sampling of monitoring wells and analyze for VOCs, SVOCs, dioxins, and furans. Monitor water levels and assess flow direction. After the six quarters of monitoring was complete, work plans were amended to include additional monitoring events as well as a direct-push technology (DPT) soil and groundwater investigation, the purpose of which was to determine potential source areas for the 1,4-dioxane plume, evaluate the extent of the plume in the alluvial aquifer, and evaluate the aquifer’s hydraulic properties.	Ongoing	<p>Groundwater flow is generally to the north within the Spring River valley. Analytical results have been generally consistent since this sampling began. TCDD was not detected in any well. Hexachlorophene was not detected in any well. Other than 1,4-dioxane, discussed below, chlorobenzene was the only other SVOC or VOC detected above its Project Quantitation Limit Goal⁴ (PQLG). The PQLG for chlorobenzene (100 $\mu\text{g}/\text{L}$) is based on the MCL. Chlorobenzene was detected in a few East Area monitoring wells; however, it was only detected above its PQLG in one alluvial monitoring well (MW-06), at levels ranging from 70 to 170 $\mu\text{g}/\text{L}$. The extent of chlorobenzene contamination is limited, and results and concentrations are considered steady over the six quarters (Foth 2018a)</p> <p>A plume of 1,4-dioxane is present in the East Area exceeding EPA’s tapwater Removal Management Level</p>

⁴ Project Quantitation Limit Goals (PQLGs) are analytical goals listed for the purpose of evaluating laboratory analytical methods and achievable laboratory limits. For groundwater, PQLGs are based on federal Maximum Contaminant Levels (MCLs), where available, or the EPA’s tapwater Regional Screening Levels (RSLs) or Removal Management Levels (RMLs). For soil and sediment, PQLGs for 1,4-dioxane and chlorobenzene are the EPA’s Regional Screening Levels.

Investigations	Date Completed	Findings
		(RML) of 46 µg/L and is detected in the northernmost monitoring wells at the north boundary of the East Area. Concentrations in monitoring wells have ranged as high as 2,650 µg/L, observed in bedrock monitoring well EA-223B in June 2020. DPT results are discussed in the data review section below (Foth, 2020a,b,d,e,f; 2021a,b,f,g). Refer to Appendix B, Tables 1 and 2, and Appendix A, Figure 4.
<p>Trench Area Well Installations and Geotechnical Investigation – Evaluate the physical properties of the in situ soil column relative to potential contaminant migration. Install and close certain wells to enhance the Trench Area monitoring well network. Conduct bedrock evaluations to further enhance the Conceptual Site Model (CSM).</p>	July 2021	Seven pre-existing Trench Area bedrock wells were decommissioned, and six new bedrock wells were installed with larger diameter pre-packed well screens. Geophysical logs were collected during construction of two of the wells. Rock cores were collected and described, including petrographic analysis of thin sections, and core plug analysis of porosity and permeability. Slug tests were performed in the new wells that produced water. The CSM was refined and is well-understood. Monitoring wells were designed to intercept potential releases (Foth, 2021e).
<p>Trench Area Groundwater Sampling – Conduct six quarters of groundwater sampling of monitoring wells and analyze for VOCs, SVOCs, dioxins and furans.</p>	November 2019	Groundwater flow direction is generally to the east and south toward the Spring River and mimics topography in this upland area. TCDD and furans were not detected in any wells. One dioxin congener (octachlorodibenzo-p-dioxin [OCDD]) was detected in one well at 140 picograms per liter (pg/l), well below any level of concern. Hexachlorophene was not detected in any well. 1,4-dioxane was detected in three of four sampled wells at up to 18.9 µg/L (RML 46 µg/L). No other VOC or SVOC were detected at levels of concern (Foth, 2019b). Refer to Appendix B, Tables 3 and 4, and Appendix A, Figure 5.
<p>Spring River Sediment Sampling – Sample sediments in the Spring River, on and downstream of the Site, to characterize the concentrations of dioxin and DLCs.</p>	December 2017	Composite sediment samples were collected from each of the 24 300-ft-long segments. Dioxin was non-detect in 23 segments. Dioxin was detected in one segment at 1.1 parts per trillion (ppt), which is just above the detection limit of 1.0 ppt. Four DLCs were detected in several locations at concentrations that are insignificant, as they are far less toxic than dioxin, and two were also found at the background sample location (Foth, 2017e). Refer to Appendix B, Table 5, and Appendix A, Figure 6.
<p>Spring River Screening-Level Ecological Risk Assessment – Based on the Spring River sediment sampling results, evaluate the potential risk to mammals, birds, and fish due to dioxin and DLCs.</p>	December 2017	The estimated risk to mammals, birds, and fish, due to dioxin and DLCs in the Spring River sediment, is within acceptable standards. Further assessment of ecological risk to the receptors is not necessary (Foth, 2017f).
<p>Trench Area Roadways Shallow Soil Sampling, Analysis and Human Health Risk Evaluation Report (Additional investigation conducted voluntarily by Syntex. Not required pursuant to the 2016 AOC.) Conduct soil sampling activities to characterize the soil conditions in the areas adjacent to the roadbeds in the Trench Area. Determine whether exposure to dioxin and DLCs in the shallow soil is within acceptable limits.</p>	August 2019	The area along the roadbed to the Trench Area was divided into 24 DUs that represent a single SDU for purposes of the human health risk evaluation. Samples collected from the 24 DUs were used to calculate an EPC for the SDU. The EPC was less than the RBC for potential receptors. Therefore, it was concluded that exposures to the roadway are within acceptable limits; and further, that the pavement and gravel that currently cover the roadway and staging area are not necessary for protection of human health (Foth 2017b).

IC Summary

The OU 1 ROD does not specify the use of Institutional Controls (ICs); however, the Site was placed on the Missouri Registry of Confirmed Abandoned or Uncontrolled Hazardous Waste Disposal Sites (Missouri Registry) on January 1, 1984. The Registry is a listing of sites that contain hazardous waste that are subject to Missouri law and regulation providing for institutional control of the listed sites. ICs include the following: deed notification of contamination; annual inspection conducted by MoDNR, notice to buyer; change of use review; notice to the state if property is sold; cleanup and removal from the Registry; and public information about site location, classification of threat, contaminants, health concerns for public and private drinking water wells, and geology. Registry listing places the following use restrictions on a property: site use may not change substantially without written approval of the director of MoDNR; a change of use is considered substantial if it can result in the spread of contamination, increases human exposure to hazardous materials, increases adverse environmental impacts, or makes potential remedial actions to correct problems at the site more difficult; the seller must notify the buyer of the condition prior to site sale; change of ownership must be reported to the department within 30 days after the change. In 2002, at the request of Syntex, the Registry was modified to reflect changes in ownership and to identify the Trench Area as the area of concern in the West Area (Schuette, 2002). The Site is reported on the Registry as two listings: Syntex – Verona (East) and Syntex – Verona (West).

The OU 2 ROD did not specify the use of ICs. However, the remedy was selected under the assumption that the voluntary land use restrictions put in place during the OU 1 remedial action would effectively prevent residential use of the Site and that the nearby municipal well (Empire District Well #3) would not be used⁵. The OU 2 ROD also cited the Site's status on the Missouri Registry.

Recent investigations have identified a plume of 1,4-dioxane-contaminated groundwater that extends approximately 1,300 ft north of the East Area (Foth, 2020e). Although not required by either the OU 1 ROD or the OU 2 ROD, the current property owners voluntarily placed three Environmental Covenants (ECs) on the Site and the North Property to prevent potential exposures to historic COCs and the 1,4-dioxane-contaminated groundwater. The property owners consulted with the EPA and MoDNR in the development of the ECs to ensure their effectiveness and compliance with the Missouri Environmental Covenants Act. Together, the three ECs address contaminated media across the East and West Areas of the Site, as well as the adjoining 60-acre property to the north (referred to as the North Property). The ECs are provided in Appendix F.

Land use of the East Area has remained industrial since the OU 2 ROD and there has been no residential use. Similarly, there has been no residential use in the West Area.

On Jan. 9, 2019, the EC covering the East Area of the Site went into effect (Lawrence County Recorder, 2019). The EC assures that any future activities causing the soil to be disturbed or excavated will be conducted in a manner that is protective of human health and the environment. The EC requires the soils be sampled for dioxin and dioxin-related compounds, as well as PCBs, prior to disturbance or excavation and assessed for risks; and requires proper maintenance of asphalt and concrete-covered areas. Additionally, the EC prevents groundwater use at the Site for any purpose other than sampling. The EC also restricted all use of Empire District Well #3 and required the well be decommissioned within 180 days of the execution of the EC. Plugging and decommissioning of the Empire District Well #3 was completed on June 25, 2019 (EW, 2019).

⁵ The Empire District Well #3 was removed from service as a municipal well in 1988 (Young, 2022).

On April 13, 2022, ECs covering the West Area of the Site and the North Property went into effect (Lawrence County Recorder, 2022a, 2022b). The EC covering the West Area restricts residential, agricultural, and recreational uses, restricts groundwater use, restricts construction of structures, and specifies boundary fence maintenance. For the Trench Area specifically, the EC sets forth additional cap maintenance, fencing, and signage requirements. The North Property EC restricts drilling, groundwater use, and activities that interfere with environmental investigations or remediation activities.

Table 3: Summary of Implemented ICs

Media, engineered controls, and areas that do not support 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	No	Trench Area; East Area	Notify Public	Registry of Confirmed Abandoned or Uncontrolled Hazardous Waste Disposal Sites in Missouri. Placed January 1, 1994.
Groundwater	Yes	No	Entire Site		
Soil and groundwater	Yes	No	East Area	Restricts soil excavation and disturbance, restrict installation of wells and groundwater use, requires placement and maintenance of asphalt/concrete in certain areas.	Environmental Covenant #2019-00000088 Recorded 1/9/2019.
Soil and groundwater	Yes	No	West Area	Restricts residential, some commercial, recreational, and timber harvesting uses of property. Requires Trench Area restrictions, access control, and maintenance obligations. Requires maintenance of property boundary fence. Restricts drilling, well installations, and use of groundwater. Restricts construction of buildings with foundations.	Environmental Covenant #2022002115 Recorded 4/13/2022.

Groundwater	Yes	No	North Property	Restricts drilling, well installation and use of groundwater. Restricts any property use that might interfere with environmental investigations or remediation activities.	Environmental Covenant #2022002116 Recorded 4/13/2022.
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Systems Operations/Operation & Maintenance

OU 1 Soils and Equipment

Remedial action activities at OU 1 were completed and documented in January 1998; there is no active soil remediation system operating at the Site. The Remedial Action Report states “The vegetative and asphalt caps over the areas where dioxin contamination was located have been satisfactorily maintained by Syntex. Syntex will continue to maintain these capped areas in perpetuity.” (EPA 1998b) Additionally, the OU 1 ROD was implemented by Syntex pursuant to the 1983 CAO. The CAO, among other things, required Syntex to post and maintain warning signs, prepare an implementation plan to implement the selected remedy, and implement the remedy. Further, the Implementation Plan included activities to maintain the vegetative covers, to inspect them routinely and following flood events, and to implement corrective actions when deficiencies are observed (Syntex, 1988b).

The East Area is maintained by the current site owner, BCP. The Trench Area is maintained by Syntex. Operation and maintenance (O&M) of OU 1 consists of periodic inspection of the areas capped with soil or asphalt, and inspection and mowing of the vegetative cover. The inspections are conducted to assess conditions of the asphalt, erosion, and general drainage, and to document signage and any potential evidence of unauthorized entry. Corrective actions are performed to address issues identified in the inspections. These inspections and corrective actions have been conducted by Syntex on an approximately quarterly basis since 2005, and once every two months in the years prior to 2005 (Foth, 2021c). Minor issues have been addressed as they are identified.

In addition to the O&M activities described above, pursuant to the 2016 AOC, Syntex has been conducting additional soil, sediment, and groundwater investigations of the Site and other activities to determine whether the remedies implemented at the Site remain protective. Representatives of Syntex, as well as the EPA and MoDNR, have been on site periodically and, as such, have made observations on site conditions. Also, MoDNR has performed annual registry site inspections (MoDNR, 2018a,b; 2019a; 2021a,b). The MoDNR inspections and Syntex’s inspections indicate all covered/stabilized areas are well maintained.

In 2018, Syntex and BCP completed hardscape improvements to ensure that soil surfaces in regular use in operating portions of the Plant are covered with asphalt or concrete (hardscape). This work was completed pursuant to the 2018 EC as a precaution to prevent plant workers from being exposed to soil potentially contaminated with TCDD. The hardscape improvements included improving drainage, placing and replacing asphalt and concrete, and applying sealcoat to certain areas of existing asphalt (Foth, 2017d, 2018b).

Two flood events have occurred in the East Area since the previous FYR. The first flood event occurred May 17 and 18, 2021, due to heavy localized rain in upstream areas of the Spring River basin. The BCP manufacturing facility is surrounded on three sides by a flood berm and on the east side by the berm

elevating the railroad tracks. The flood waters inundated the East Area, as well as the BCP manufacturing facility. Flood waters entered primarily through the facility entry road that crosses at a low area in the berm, as well as through a section of the railway that washed out. At its peak, the flood resulted in water depths ranging from 1.5 to 3.5 ft. The second flood event that occurred May 27, 2021, inundated a large portion of the East Area outside the facility’s flood berm. Pursuant to the 2018 EC on the East Area, the flood events were reported to the EPA by BCP. Syntex also reported the flood events.

Reports submitted by BCP and Syntex documented the flooding, assessed the condition of the capped and asphalt-covered remediated areas, assessed potential impacts to the groundwater monitoring well network, and documented damage to the facility’s security fence. Following both rainfall events, Syntex and BCP inspected the remediated areas: Burn Area, Grid Area, Lagoon Area, Irrigation Area, Slough Area, Spill Area, T-1 Dike Area, and Trench Area and did not find any weather-related impacts affecting the remedy protectiveness. The post-flood inspections indicated the OU 1 remediated areas remain intact and protective (EW, 2021; Foth, 2021d).

Syntex and BCP have been performing O&M activities that were described in general terms in the Implementation Plan, as amended (Syntex, 1988b; 1989). Those activities have generally been sufficient, with a few exceptions that were documented during the FYR site inspection and EPA field oversight activities. However, neither an O&M Plan nor an O&M Manual for the OU 1 remedy were ever submitted to the EPA. Additionally, the O&M activities in the Implementation Plan did not address O&M of the flood berm. The lack of an O&M Plan and O&M Manual has been identified as an issue in this FYR.

OU 2 Groundwater

The remedy selected in the OU 2 ROD included groundwater monitoring. Routine O&M has been superseded by the additional groundwater investigations and other site activities being conducted pursuant to the 2016 AOC. Refer to the Status of Implementation section above for a summary of these additional activities.

III. PROGRESS SINCE THE LAST REVIEW

This section includes the protectiveness determinations and statements from the 2017 FYR, as well as the issues and recommendations from the 2017 FYR and the current status of those recommendations.

Table 4: Protectiveness Determinations/Statements from the 2017 FYR

OU #	Protectiveness Determination	Protectiveness Statement
1	Protectiveness Deferred	A protectiveness determination for the remedy at OU 1 cannot be made at this time until further information is obtained. Further information will be obtained by collecting additional soil samples as specified in the 2016 AOC and conducting a human health and ecological risk assessment. It is expected that these actions will take approximately 18 months to complete, at which time a protectiveness determination will be made.
2	Protectiveness Deferred	A protectiveness determination for the remedy at OU 2 cannot be made at this time until further information is obtained. Further information will be obtained by collecting additional groundwater and sediment samples as specified in the 2016 AOC and conducting an ecological risk assessment. It is expected that these

		actions will take approximately 18 months to complete, at which time a protectiveness determination will be made.
Sitewide	Protectiveness Deferred	A protectiveness determination for the remedy at the Site cannot be made at this time until further information is obtained. Further information will be obtained by additional sampling of soil, sediment, and groundwater as specified in the 2016 AOC. It is expected that these actions will take approximately 18 months to complete, at which time a protectiveness determination will be made.

Table 5: Status of Recommendations from the 2017 FYR

OU #	Issue	Recommendations	Current Status	Current Implementation Status Description	Completion Date (if applicable)
1	Continue additional sampling of soil as specified in the 2016 AOC.	Continue with additional soil sampling and risk characterization activities specified in the 2016 AOC and evaluate the need for any additional remedial action.	Completed	The work described in the recommendations was completed and the existing OU 1 remedy has been determined to be protective to current and potential future receptors. The work is documented in the Revised East Area Shallow Soil Sampling, Analysis, and Protectiveness Evaluation Report and Response to Comments (Foth, 2020c) and the Trench Area Roadways Shallow Soil Sampling, Analysis, and Human Health Risk Evaluation Report (Foth, 2021h) ⁽¹⁾ . The work demonstrated the EPCs for all the SDUs and DUs are below their RBCs for the relevant receptors. Notably, the SDUs and DUs cover the entire East Area, including the historic remediated areas not covered in hardscape, as well as the area around the Trench Area and roadways to the Trench Area.	12/15/2021
2	Continue additional sampling of groundwater as specified in the 2016 AOC.	Continue with additional groundwater sampling and risk characterization activities specified in the 2016 AOC and evaluate the need for any additional remedial action.	Ongoing	The recommendation in the previous 2017 FYR included both groundwater sampling and "... risk characterization activities specified in the 2016 AOC...". However, the 2016 AOC did not specify risk characterization activities for the groundwater. Per the 2016 AOC, the groundwater sampling results "... will be used to perform a groundwater assessment with appropriate groundwater comparison values to help evaluate remedy protectiveness." The groundwater monitoring has demonstrated the OU 1 soil remedy is protective as to groundwater with respect to TCDD and hexachlorophene, since they were not detected in any site well. Characterization of 1,4-dioxane extent currently continues under the 2016 AOC. However, the 1,4-dioxane	Click here to enter a date

				concentrations are indicative of an ongoing release by the current property owner, BCP. In February 2022, the EPA initiated negotiations on an Order for focused RI/FS with BCP and Syntex.	
1	Utilizing the newly established reference dose (RfD) and standard non-residential use EPA risk equations and exposure factors, a concentration of 600 ppt dioxin is shown to be associated with a hazard quotient of 1 for nonresidential exposure to dioxin-contaminated soil.	Characterize current dioxin soil contamination and conduct a human health risk assessment utilizing the best available data.	Completed	Consistent with the Pathways Analysis Report Plan for Protectiveness Evaluation (Foth, 2016a) that is an appendix to the 2016 AOC, site-specific RBCs were developed for a range of potential human exposure scenarios. (The default value of 600 ppt dioxin is no longer applicable.) Syntex investigated shallow soils across the East Area and along the roadways leading to and around the historic Trench Area in the West Area. The results of this work demonstrated that the EPCs for all SDUs and DUs were below their respective RBCs.	7/15/2020
1	Implemented remedy did not address subsurface soil >20 ppb dioxin.	Evaluate risk posed by such soil.	Considered But Not Implemented	<p>This issue, that was first put forth in the 2012 FYR and again in the 2017 FYR, erroneously implies that the remedy was intended to address all subsurface soil > 20 ppb dioxin. The remedy in the Record of Decision (EPA, 1988a) was for soils "... containing 20 ppb or more dioxin based on the 95 percent confidence level sampling..." to "... be excavated up to a four-foot depth, to bedrock or to a dioxin concentration less than the action level, whichever occurs first." The three subsite areas to which this remedy applied were the Burn Area, Irrigation Area, and Lagoon Area.</p> <p>The work plans to implement the remedy provided the following clarification: "EPA has advised Syntex that it interprets CDC's guidance as requiring removal of all soils at the surface containing an average concentration of 20 ppb or greater." (Syntex, 1988) The activities at the involved areas were performed and are documented in the Remedial Action Report (EPA, 1998b).</p>	Click here to enter a date
1	"Containment" remedy is reported to have been	Characterize current site conditions. Evaluate risks to	Completed	Refer to Current Implementation Status Description for Issues #1, #3, and #4. The existing OU 1 remedy has been	12/15/2021

	implemented only at excavated areas (which were backfilled/capped with clean soil), resulting in both defined and undefined areas of "non-contained" surface soil with dioxin exceeding 600 ppt.	current and potential future receptors. Determine whether additional remedial actions are necessary.		determined to be protective to current and potential future receptors.	
1	"Based on historical data collected from the Site, approximately 3.5 acres of surface soil may contain concentrations of dioxin that exceed the EPA's industrial soil screening level based on the new dioxin toxicity value.	Characterize current site conditions. Evaluate risks to current and potential future receptors. Determine whether additional remedial actions are necessary.	Completed	Refer to Current Implementation Status Description for Issues #1, #3, and #4. The existing OU 1 remedy has been determined to be protective to current and potential future receptors.	12/15/2021
1	The complexity of the hydrogeologic setting of the Trench Area suggests that potential releases may not be intercepted by the existing well network.	Evaluate existing well network and modify as appropriate.	Completed	The 2016 AOC included work plans to address this issue and recommendation. Syntex completed and reported on the work. Syntex replaced all pre-existing Trench Area wells, and installed and sampled new wells in the Trench Area that were designed specifically to intercept potential releases. Syntex also installed but was unable to sample several additional wells that did not produce sufficient water. Along with geophysical logging, HPT/EC investigation, geotechnical laboratory analysis of soil, and well hydraulic testing, a comprehensive CSM has been compiled. The remedy is protective because the CSM is understood, the wells were specifically designed to intercept potential releases, and all contaminants detected were within the applicable CERCLA risk range (Foth, 2019b & 2021e).	7/31/2021
1	Secondary structural features of the residuum may result in unacceptably high rates of potential contaminant	Re-evaluate physical properties of the in situ residuum underlying the Trench Area with respect to its ability to inhibit/prevent	Completed	The 2016 AOC included work plans to address this issue and recommendation. Syntex completed geotechnical investigations of the Trench Area and reported on the investigations. The Trench Area engineered cap and vegetative cover are intact and	7/31/2021

	transport in the Trench Area.	contaminant constituent migration into the environment. Re-evaluate decision to contain/cap Trench Area.		effective, shedding stormwater away from waste materials. Moreover, waste materials are above the water table. Groundwater monitoring results from the Trench Area wells indicate all contaminants detected were within the applicable CERCLA risk range. The containment/cap remedy selected in the OU 1 ROD continues to be an effective remedy.	
1 & 2	An ecological risk assessment has not been performed.	Conduct an ecological risk assessment using best available data and newly acquired data as needed.	Completed	<p>The 2016 AOC included work plans to address this issue and recommendation. Syntex completed and reported on the work. Based on discussions leading up to the 2016 AOC, a site-wide ecological risk assessment was determined to be unnecessary; instead, sampling and a screening-level ecological risk assessment (SLERA) were performed on the sediments of the Spring River.</p> <p>TCDD was not detected in 24 of the 25 composite sediment samples collected from locations distributed along the length of the Spring River through the Site. The one detection of TCDD was just above the reporting limit, and well below a level of concern (Foth, 2017e).</p> <p>Using the sampling results, the SLERA evaluated mammalian, avian, and piscine exposures to Spring River sediment. The most conservative habitat assumptions were used. The ecological risk of exposure (to Spring River sediments) to the eco-receptors was well below the most conservative screening levels (Foth, 2017f).</p> <p>Further evaluation of ecological risk to the receptors is unwarranted. The remedy is protective as to ecological risks.</p>	12/15/2017
2	1,4-dioxane has not been analyzed with an analytical method having quantitation levels that would support a risk assessment.	Revise groundwater sampling and analysis plan to identify an appropriate analytical method yielding quantitation levels sufficient to support a risk assessment.	Completed	The 2016 AOC included work plans to address this issue and which implemented the recommendation. The groundwater sampling and analysis plans in the 2016 AOC have quantitation levels for 1,4-dioxane sufficient to support a risk assessment (Foth, 2016b).	7/8/2016

2	Monitoring of the deep alluvial screened intervals has not occurred in the past 10 years.	Begin monitoring the alluvium-bedrock contact and/or bedrock prior to assessing current site risk associated with groundwater.	Completed	The 2016 AOC included work plans to address this issue and recommendation. The well network was enhanced by the installation of three additional monitoring wells in the bedrock in October 2016. Quarterly groundwater monitoring of the alluvial, alluvial /bedrock interface, and bedrock wells was conducted beginning December 2016 and continuing through February 2018 (Foth, 2019b). Additional quarterly sampling continues under addenda to the work plans.	12/12/2016
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⁽¹⁾ Additional investigation conducted voluntarily by Syntex. Not required pursuant to 2016 AOC.

IV. FIVE-YEAR REVIEW PROCESS

Community Notification, Involvement and Site Interviews

On September 1, 2021, a public notice was published in *The Lawrence County Record* stating that the sixth FYR was to be conducted, and inviting the public to access and review the on-line repository of site project information. The public notice invited the public to submit questions and any requests for information regarding the FYR process. On December 9, 2021, the EPA conducted a public availability session in Verona, Missouri, to update the public on recent site activities, as well as to announce that the FYR was currently being conducted and to describe the FYR process. Soon after completion of this FYR, a notice will be placed in the same newspaper announcing that the Report is complete and is available to the public. The results of the FYR and the report will be made available online on the Site Profile Page: www.epa.gov/superfund/syntexfacility (see Site Documents & Data, Reports and Documents, Five-Year Reviews).

Community involvement activities since the last FYR in 2017 have included the publication of fact sheets, public availability sessions, interviews with local print and television news media, and in-person discussions with property owners during private well sampling events. The table below summarizes several of these events.

Table 6: EPA-conducted Community Involvement Activities since the 2017 FYR

Date	Event	Description
March 2019	Fact Sheet	Site update on PRP site characterization activities under the 2016 AOC. Environmental covenant established on East Area.
November 2019	Fact Sheet	Announced Public Availability Session and provided site update.
November 18, 2019	Public Availability Session	Presentation on recent site characterization activities with question and answer session.
December 2020	Fact Sheet	Announced the completion of and summarized the EPA's domestic well survey and sampling program. Included supplemental information addendum with update on PRP site characterization activities under the 2016 AOC.
December 2021	Fact Sheet	Provided update on PRP site characterization activities and announced start of sixth FYR.

December 9, 2021	Public Availability Session	Presentation on recent site characterization activities, domestic well sampling results, and announced start of sixth FYR.
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During the FYR process, interviews were conducted to document any perceived problems or successes with the remedy that has been implemented to date. Interviews were conducted with three residents who live close to the Site and one city official (Laura Hazelwood, Verona City Clerk). Residents and the city official expressed several concerns:

- The potential for site contaminants, specifically 1,4-dioxane, to impact the quality of water from their private well;
- Potential health effects from using their private well or consuming wild game taken near the Site;
- Decreased property values;
- The recent flooding of the East Area and potential mobilization of dioxin-contaminated soil;
- The current property owner/operator’s compliance with environmental regulations; and
- The potential for waste buried in the capped Trench Area to mobilize.

The complete interviews are included in Appendix H.

Data Review

This data review considered data collected and reported to EPA prior to November 29, 2021.

Soil Characterization

West Area (including Trench Area)

Although the 2016 AOC did not expressly require soil sampling in the West Area, soil sampling was conducted voluntarily by Syntex as a precaution prior to geotechnical investigation and well installation activities required by the 2016 AOC. Three West Area roadway segments were found to be impacted by dioxin, so discrete soil samples were collected from 51 soil borings, at four depth intervals each (Foth, 2017b). Each sample was analyzed for 17 dioxin and furan congeners, and dioxin toxicity equivalence factors (TEFs) were used to calculate the dioxin toxicity equivalence (TEQ), in terms of 2,3,7,8-TCDD, for each sample. TCDD was the primary congener contributing to the TEQ in these samples. The TEQ was generally highest in the samples collected from 0 to 4 inches bgs and decreased with increasing depth, down to 38 inches bgs. The highest TEQ, 12.1 nanograms/kilogram (ng/kg, or ppt), was found in the uppermost sample collected from Z-13W-D, located on the roadway northeast of the Trench Area.

In 2019, shallow soil samples were collected from the areas adjacent to the Trench Area roadbeds that were improved in 2017 (Foth, 2019a). The sampling area was divided into 24 DUs, which together represent one SDU. Composite shallow soil samples, each comprised of 30 increments, were collected from each DU in triplicate. Each sample was analyzed for 17 dioxin and furan congeners, and TEFs were used to calculate the TEQ for each sample. Then, EPCs were calculated as the 95% upper confidence limit of the mean triplicate TEQ value for each DU. The 24 DU EPCs ranged from 0.007 to 2.3 µg/kg (ppb), all of which were less than the site-specific RBC of 18.8 µg/kg (ppb) for a short-term contract worker. Additionally, an EPC of 0.25 µg/kg (ppb) was calculated for the entire SDU, which fell below the site-specific RBC of 3.9 µg/kg (ppb) for an adolescent trespasser.

East Area

The 2016 AOC required collection and analyses of shallow soil samples across the East Area for TCDD and DLCs in accordance with the East Area Shallow Soil Sampling and Analysis Plan. The Revised East Area Shallow Soil Sampling, Analysis, and Protectiveness Evaluation Report describes the sampling of shallow soil in the East Area of the Site, analytical results, and associated protectiveness evaluation (Foth, 2020c). It characterizes current soil conditions in the East Area and evaluates risks to current and potential site receptors from TCDD and DLCs. The East Area was divided into four SDUs, based on current and potential future chronic exposure areas: the Manufacturing Plant Area, the Highly Maintained Area, the Maintained Area, and the Inaccessible Area. Each SDU was further divided into DUs to evaluate potential subchronic exposure scenarios. Former remediated areas, including the Burn Area, Irrigation Area, Lagoon Area, and Slough Area, were also designated as separate DUs. A section of the Jolly Mill Park was selected to represent a background location. Composite shallow soil samples, each comprised of 30 increments, were collected from each DU in triplicate. Each sample was analyzed for 17 dioxin and furan congeners, and TEFs were used to calculate the TEQ for each sample. Then, EPCs were calculated as the 95% upper confidence limit of the mean triplicate TEQ value for each DU. The DU EPCs ranged from 0.001 to 11 µg/kg (ppb) dioxin TEQ, all of which were less than the site-specific RBC of 18.8 µg/kg (ppb) for a short-term contract worker. Additionally, the EPCs calculated for the four SDUs ranged from 0.16 to 1.2 µg/kg (ppb) dioxin TEQ, each of which was less than the receptor-specific RBC for the associated SDU. Finally, the EPC for the background location was 0.0074 µg/kg (ppb) dioxin TEQ.

Subsequently, after groundwater sampling required by the 2016 AOC detected chlorobenzene and 1,4-dioxane (discussed below), additional soil sampling was conducted to better characterize potential source areas for the chlorobenzene and 1,4-dioxane impacts. Using DPT, 21 soil samples were collected from 0 to 5 ft bgs in the East Area and North Property (Foth, 2020e). Chlorobenzene was detected in five unsaturated soil samples from the Plant Area (6.4 to 35.7 µg/kg), but these detections were all well below the PQLG of 280,000 µg/kg. 1,4-Dioxane was not detected in any of the 21 soil samples, and all the reporting limits (< 44.7 to < 490 µg/kg) were less than the PQLG of 5,300 µg/kg. The values of the PQLGs used to analyze the soil samples are equivalent to the EPA's November 2021 residential soil Regional Screening Levels, based on a non-cancer hazard quotient of 1 and an excess cancer risk of 1E-06. Further discussion of these chlorobenzene and 1,4-dioxane detections in soil, in comparison with screening levels protective of groundwater, is provided below.

Groundwater Characterization

West Area/Trench Area

The 2016 AOC required additional well installations and associated geotechnical investigation activities, as well as groundwater monitoring in the area around the Trench Area. In 2017, Syntex closed seven pre-existing 2-inch diameter Trench Area bedrock wells because they could not produce enough water for sampling (Foth, 2021e). Per the AOC, these wells were replaced with six 4-inch diameter wells to improve yield and optimize screened intervals. Two of these replacement wells still did not produce water and were closed and reinstalled in 2019; they remain unproductive. Drilling cores and electrical conductivity and hydraulic profiling tool results supported refinement of the conceptual site model and found that downward percolation of water is impeded by clay-rich soils and may be perched or continue to follow topography downgradient. Hydraulic testing results indicate a range in hydraulic conductivity on the order of 10^{-2} to 10^{-5} cm/sec.

The AOC included six quarters of groundwater monitoring. These events were conducted from the first quarter of 2018 to the second quarter of 2019 (Foth, 2019b). Sampling was conducted using HydraSleeve™ samplers. Groundwater samples were analyzed for VOCs, SVOCs, dioxins and furans, and two individual compounds, hexachlorophene and 1,4-dioxane. Water level measurements indicated groundwater flow in the Trench Area is generally to the east and south toward the Spring River. Dioxin and furan congeners were not detected in any monitoring well, except for OCDD, which was detected at 140 pg/L (parts per quadrillion, or ppq) in one well during one monitoring event. The TEF for OCDD is 0.0003, which means 140 pg/L (ppq) OCDD is equivalent to 0.042 pg/L (ppq) TCDD. This dioxin TEQ is less than 30 pg/L (ppq), which is the MCL for TCDD. Thus, the concentration of OCDD detected was not above a level of concern. Hexachlorophene was not detected in any well, with a reporting limit of 10 µg/L (PQLG of 6 µg/L). 1,4-dioxane was detected in 3 of 4 sampled wells, with concentrations ranging from 0.25 to 18.9 µg/L compared to a RML of 46 µg/L. All other VOCs and SVOCs detected were below their PQLGs.

East Area/North Property

Per the 2016 AOC, three new wells were installed to delineate downgradient contamination in upper bedrock (Foth, 2020g). Hydraulic testing results indicate that wells EA-221B and EA-223B exhibit moderate hydraulic conductivity on the order of 10^{-3} to 10^{-4} cm/sec, respectively. Well EA-222B exhibits low hydraulic conductivity on the order of 10^{-7} to 10^{-8} cm/sec.

Also per the AOC, six quarters of groundwater monitoring were conducted in the East Area of the Site from the fourth quarter of 2016 to the first quarter of 2018 (Foth, 2018a). Sampling in alluvial wells, alluvial and bedrock interface wells, and bedrock wells was conducted using low-flow sampling procedures. Groundwater samples were analyzed for VOCs, SVOCs, dioxins and furans, and two individual compounds, hexachlorophene and 1,4-dioxane. Water level measurements indicated groundwater flow in the East Area is generally to the north within the Spring River valley. TCDD was not detected in any monitoring well, with a reporting limit of 10 pg/L (ppq). Most VOCs and SVOCs were not detected. Chlorobenzene was detected in MW-06 above its PQLG of 100 µg/L, which is also its MCL, during the last three sampling events. Hexachlorophene was not detected in any well, with a reporting limit of 10 µg/L. 1,4-dioxane was detected in 17 of 19 wells, primarily in the area north and downgradient of the manufacturing plant, with concentrations ranging up to 1,730 µg/L compared to a PQLG of 0.46 µg/L. An MCL has not been established for 1,4-dioxane.

A DPT investigation was conducted to better characterize potential sources of 1,4-dioxane and chlorobenzene contamination and delineate the groundwater contamination extent (Foth, 2020e). Work was conducted in three phases: February 13 through March 20, 2019; July 8 through 25, 2019; and February 17 through May 1, 2020. The groundwater and soil sampling results are summarized as follows:

- DPT groundwater sampling was conducted across the East Area and North Property at 96 locations representing the vertical extent of the unconsolidated alluvial aquifer. Of the samples collected, 91 were analyzed for chlorobenzene and 239 for 1,4-dioxane. The extent of chlorobenzene in groundwater at or above the PQLG of 100 µg/L was limited to a small area near DPT-30. Concentrations of 1,4-dioxane in groundwater at or above the PQLG of 0.46 µg/L extend from the Plant Area to the North Property. The highest detected concentrations (up to 13,100 µg/L at DPT-90) were in near-surface groundwater samples from the Plant Area, and PQLG exceedances continued to the farthest downgradient locations.

- DPT soil sampling was conducted at 21 locations near areas of high groundwater concentration, and the soil samples were analyzed for chlorobenzene and 1,4-dioxane. DPT soil samples were collected near areas of high groundwater concentration to better characterize potential sources. Chlorobenzene was detected in unsaturated soil samples from the Plant Area (6.4 to 35.7 µg/kg), but the concentrations were below the MCL-based soil screening levels for the protection of groundwater (68 µg/kg). 1,4-dioxane was not detected in soil for all locations; however, the reporting limit ranged from 44 to 490 µg/kg, which is above the risk-based soil screening level protective of groundwater (0.094 µg/kg). These soil data did not identify a continuing soil source for groundwater contamination, although a continuing source of 1,4-dioxane is suggested by elevated groundwater concentrations, considering that 1,4-dioxane is miscible in water.

Syntex proposed installing and sampling several additional groundwater wells to supplement the existing monitoring network. This work will be conducted pursuant to the 2016 AOC and is expected to begin in late 2022, once BCP and Syntex enter into the Order with the EPA to conduct an RI/FS on OU 3⁶.

Through three addenda to the East Area Groundwater Sampling and Analysis Plan, Syntex reestablished East Area quarterly groundwater monitoring and reporting for 1,4-dioxane and chlorobenzene. These activities, that resumed in December 2019, will continue at least until the planned additional monitoring wells are installed, at which time additional monitoring needs will be reassessed. Over the eight most recent reporting periods from December 2019 to November 2021 (Foth, 2020a,b,d,f; 2021a,b,f,g), chlorobenzene has been detected in seven wells. Chlorobenzene has been detected consistently in four wells, with concentrations ranging from 1.2 to 170 µg/L, compared with its PQLG (also the MCL) of 100 µg/L. Chlorobenzene exceeded the PQLG in six of eight samples collected from MW-06. These results are also typical of the six quarters completed under the original 2016 AOC, except for MW-07, which showed an increase from 1.2 µg/L to 53.2 µg/L from the first to second quarters of 2020, with a similar decrease the following quarter to 7.4 µg/L. Similarly, over the same monitoring period, 1,4-dioxane has been detected consistently in 16 of 20 wells with concentrations ranging from 0.20 to 2,650 µg/L, compared to its PQLG of 0.46 µg/L. Results have been typical of the six quarters completed under the AOC, except as follows. Three wells showed increases from the first to the second quarter of 2020: MW-03 from 1.2 to 11.4 µg/L; MW-04 from 4.7 to 183 µg/L; and MW-07 from 6.7 to 27.9 µg/L. Conversely, MW-21R showed a decrease from 75.2 to 44.7 µg/L from the first to the second quarter of 2020. These changes may reflect flooding of the Spring River at the Site, which delayed second quarter 2020 groundwater sampling activities until water level gauging indicated that East Area groundwater had returned to pre-flood levels and flow was generally to the northwest within the Spring River valley, consistent with previous events.

Downgradient Private Wells

Responding to community concerns voiced in 2019 and current site conditions, the EPA performed an extensive survey of domestic wells within two miles of the site boundary, using public records of domestic wells and property ownership plus information provided by interested domestic well owners (EPA, 2020). In December 2019 and January 2020, the EPA sampled over 90 domestic wells (serving residences, a business, and a church) in the area around the Site. The EPA analyzed the water samples for 1,4-dioxane, as well as other SVOCs, VOCs, dioxins, and DLCs. The EPA also sampled one small public water supply for 1,4-dioxane. Since the completion of the large scale private well survey and

⁶ The EPA is currently negotiating an Order with BCP and Syntex to conduct a focused RI/FS on OU 3.

sampling, the EPA performed three sampling events in August 2020, December 2020, and February 2022, focused on a subset of domestic wells nearest the Site in the downgradient direction.

During these multiple domestic well sampling events, none of the domestic wells were found to be impacted by site-related contaminants above the relevant EPA health-based standard⁷. However, the contaminant 1,4-dioxane was detected in three domestic wells. 1,4-dioxane was detected at low levels consistently in the one domestic well closest to the Site. Also, 1,4-dioxane was detected in two other domestic wells located nearby, but at very low levels, near the laboratory detection limit.

Spring River Sediment Characterization

In July and August 2017, sampling was performed to characterize the concentrations of dioxin and DLCs in sediment in the Spring River at the Site, as well as to characterize particle size and carbon content. The run of the Spring River across the Site, and extending downstream through the North Property, was subdivided into 24 300-foot-long segments, and a composite sediment sample was collected from each segment (refer to Figure 6). Composite background sediment samples were also collected from two sections located upstream of the Site. Dioxin was detected in one of the composite samples at 1.1 ng/kg, which is just above the detection limit of 1.0 ng/kg. Four DLCs were detected in several samples below levels of concern. Two of these four DLCs were also found – below levels of concern – at the background sample location upstream of the Site.

In December 2017, Syntex reported the results of the SLERA. It determined that for the Spring River section of the Site, the estimated risk to mammals, birds and fish – due to dioxin and DLCs – is within applicable screening benchmarks (Foth, 2017f).

Site Inspection

The inspection of the Site was conducted on October 5, 2021. In attendance were the Remedial Project Manager Brian Zurbuchen of the EPA, Chinwe Ndubuka of MoDNR, Michelle Hartman of MoDHSS, Heather Wood of Tetra Tech, Inc (EPA contractor), Mary Jo Anzia of Syntex, Bob Kick of Foth (Syntex contractor), and Mark Finney of APTIM (BCP contractor). The purpose of the inspection was to make field observations to support the assessment of the protectiveness of the remedy. The site inspection checklist is located in Appendix D, and the site inspection photographs are located in Appendix E.

No significant issues or concerns were observed during the inspection and the components of the remedy were observed to be in overall good condition. There were a few minor issues including cracks in the asphalt cover of the T-1 Dike Area and Spill Area, vegetation on fencing, ponded water in a portion of the Lagoon Area, a depression in the vegetative cover in the Burn Area, and two animal burrows in the Trench Area.

During the EPA's oversight of Syntex's November 2021 groundwater sampling event, the EPA Remedial Project Manager identified three locations in the East Area where there were several unknown features (EPA, 2021). These features appeared to be either monitoring well stickups, irrigation piping, or below-ground valve access pipes. Since the features penetrated to the subsurface, were uncovered/uncapped, unsecured, and unmarked, they represent a potential conduit for any contaminants from the surface to shallow groundwater.

⁷ The RML of 46 µg/L is the relevant EPA health-based standard for 1,4-dioxane in the groundwater.

In July 2022, Syntex notified the EPA of the actions Syntex and BCP had taken, or actions planned to be taken, to address several of the issues the EPA identified during the site inspection and during oversight of the November 2021 groundwater sampling event (Syntex, 2022):

- maintenance of the asphalt cover of the T-1 Dike Area and Spill Area has been performed to repair the cracks;
- maintenance of fencing has been performed to remove vegetation;
- seeded topsoil has been added to fill the depression in the vegetative cover of the Burn Area;
- maintenance of the Trench Area has been performed. The vegetative cap was re-inspected, and the few potential animal burrows encountered were manually filled in with clean topsoil and were seeded;
- inspections have been performed and the features observed during the EPA's oversight of Syntex's November 2021 groundwater sampling event have been identified. The majority are parts associated with the former irrigation system, as suspected, and the one is a monitoring well. The PRPs have indicated their willingness to address these features.

V. TECHNICAL ASSESSMENT

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

Question A Summary:

The remedy was designed to protect human health by preventing unacceptable health risks from exposure to contaminated soils via excavation and/or capping/vegetative covers, and by ensuring that contaminant levels in groundwater did not exceed levels of health concern via additional monitoring and a risk assessment. Although neither the OU 1 nor OU 2 ROD specifies the use of ICs, the OU 2 remedy was selected under the assumption that the voluntary land use restrictions put in place during the OU 1 remedial action would effectively prevent residential use of the Site.

After the remedy was selected, as first discussed in the fourth FYR, the EPA released updated non-cancer toxicity values for dioxin in February 2012. In addition, new risk-based levels for some groundwater contaminants have been established or are lower than at the time of remedy implementation.

The 2016 AOC required the facility owner to conduct additional sampling and analyses to determine whether additional actions are necessary. Since the AOC was signed, these additional investigations have been conducted, as described in the Data Review section. For soil, the studies found that dioxin concentrations in the East Area (2020c) are less than site-specific RBCs protective of current and potential future receptors. For the Spring River sediment, TCDD was below detectable levels, with the exception of one sample where it was just above the detection limit (Foth, 2017e). For groundwater, the primary historical compounds of concern (e.g., TCDD and hexachlorophene) were not detected over numerous quarters of sampling. However, some VOC and SVOC compounds were detected, with chlorobenzene exceeding its MCL of 100 µg/L and 1,4-dioxane exceeding its RML of 46 µg/L. The chlorobenzene MCL exceedance was limited to one on-Site monitoring well. Although not required by the 2016 AOC, the studies voluntarily performed by Syntex found that dioxin concentrations beneath and around the roadway within the West Area that leads to the Trench Area (Foth, 2017b; Foth, 2019a) are also less than site-specific RBC protective of current and potential future receptors. Because the

OU 1 and OU 2 remedies did not address source area soils and site groundwater contaminated with 1,4-dioxane, a new Operable Unit, OU 3, was established, which is outside the scope of this FYR.

Remedial Action Performance

The remedial actions for OU 1 were successfully performed between 1988 and 1990 in accordance with the 1988 ROD and Implementation Plan (Syntex, 1988b; 1989). The remedial actions varied slightly depending on the individual subareas. In summary, verification sampling was performed, and TCDD-contaminated soils that exceeded 20 ppb were excavated in accordance with the verification sampling and excavation procedures (Syntex, 1988a). Backfill material was added, and vegetative covers were established and maintained. A flood control levee (or berm) was constructed around the manufacturing facilities on the Site, including the Lagoon Area, Spill Area and Irrigation Area.

Access to the production portion of the facility is controlled with a fence and a remotely-controlled gate. Within the fenced area, metal cables and signs generally mark subsites. Access to the Trench Area is somewhat restricted by a barbed-wire fence and signage. The Site was placed on Missouri's Registry of Abandoned or Uncontrolled Hazardous Waste Sites on January 1, 1984.

Since the remedy was selected, the cleanup levels established for excavation and capping were called into question based on the establishment of a lower non-cancer RfD for dioxin. Using this new dioxin RfD, together with current exposure parameters and risk assessment methodology, site-specific RBCs were derived for current and potential future receptors, including plant workers, maintenance workers, groundskeepers, trespassers, and short-term contract workers. As described in the Data Review section, dioxin TEQ EPCs in the roadbed and staging areas did not exceed the Short-Term Contract Worker or Adolescent Trespasser RBCs. Shallow soil sampling in the East Area, required by the 2016 AOC, found that dioxin TEQ EPCs were less than the applicable receptor-specific RBC for each associated DU and SDU. Although 1,4-dioxane and chlorobenzene were detected in site groundwater, these compounds were not detected in site soils at concentrations exceeding residential soil RSLs.

The remedial action for OU 2 was no further action with continued groundwater and surface water monitoring. The groundwater monitoring was conducted between November 1997 and August 1999. Syntex continued to voluntarily perform groundwater monitoring on a semi-annual basis from late 2003 to 2005 and then annually thereafter through 2012. Syntex also voluntarily performed groundwater monitoring of Trench Area monitoring wells between August 2002 and 2012.

The 2016 AOC required additional quarterly groundwater and surface water sampling. The groundwater monitoring has demonstrated the OU 1 soil remedy is protective as to groundwater with respect to TCDD and hexachlorophene, since they were not detected in any site well. Characterization of the extent of 1,4-dioxane contamination currently continues under the 2016 AOC. However, the 1,4-dioxane concentrations are indicative of an ongoing release by the current property owner. Since Syntex and BCP both manufactured similar products using similar processes; 1,4-dioxane is an unwanted byproduct during the processes; and historic 1,4-dioxane monitoring (during Syntex ownership/operation) had detection limits above the concentrations of interest; Syntex may have also released 1,4-dioxane during its operations. In January 2022, the EPA established OU 3 and defined it to be the source area soils and site groundwater contaminated with 1,4-dioxane. In February 2022, the EPA initiated negotiations on an Order for RI/FS with the current property owner, BCP and Syntex. OU 3 is outside the scope of this FYR.

System Operations/O&M

The current remedy does not include any active treatment systems. Active portions of the BCP facility used for daily manufacturing and related activities are paved to limit plant worker and visitor exposures to soil. BCP is responsible for maintaining the pavement and vegetative caps at their facility and throughout the East Area. Syntex is responsible for maintaining the Trench Area caps in the West Area. Annual MoDNR registry inspection reports found these caps in satisfactory condition and well maintained (MoDNR, 2018a,b; 2019a; 2021a,b).

The 2016 AOC required reassessment of the groundwater monitoring network and six quarters of monitoring. The 2016 AOC was amended to include additional quarterly groundwater monitoring and supplemental groundwater investigations. This work is nearing completion. Monitoring wells have been inspected and repaired as necessary at the time of sampling. Based on groundwater sampling results, no additional remedial actions are warranted for OU 1 or OU 2.

Following the flooding events of May 17, 18, and 27, 2021, the condition of the capped and asphalt-covered remediated areas, as well as the East Area wells were inspected and assessed. There were no weather-related impacts to the areas or the wells. However, the BCP perimeter fence was damaged by flooding and required replacement. The flooding events indicate there is a need to evaluate whether modification of the flood berm is necessary to prevent flooding of the remediated areas within the BCP facility, and to implement modifications as necessary to address. This has been identified as an issue that potentially affects future protectiveness of the OU 1 remedy.

During the FYR site inspection and EPA oversight activities, the EPA encountered what appeared to be an old monitoring well about 90 yards east of Spring River (EPA, 2021b). The well, which was labelled OW-4, had no plug sealing it, and standing water was visible in the 6-inch diameter PVC casing. There were two additional locations in the East Area where remnants of what appeared to be former irrigation piping was protruding from the ground. These were unmarked, uncapped, and unsecured. There were a few other issues, including cracks in the asphalt cover of the T-1 Dike and Spill Areas, vegetation on fencing, ponded water in a portion of the Lagoon Area, a depression in the vegetative cover in the Burn Area, and two animal burrows in the Trench Area. These have been identified as issues in this FYR that potentially affect the future protectiveness of the OU 1 remedy. Other than the issues identified above, the components of the remedy were observed to be in overall good condition.

As noted earlier in this FYR, Syntex and BCP have been performing O&M activities, some of which were described in general terms in the Implementation Plan, as amended. Those activities have generally been sufficient, with a few exceptions that were documented during the FYR site inspection and EPA field oversight activities. However, neither an O&M Plan nor an O&M Manual were ever submitted and approved by the EPA. It is noted that in 2012, a Trench Area Monitoring and Inspection Plan was submitted and the EPA provided comments, but a final version of the plan was never submitted or approved. Additionally, the O&M activities did not address O&M of the flood berm. The lack of an O&M Plan and O&M Manual has been identified as an issue in this FYR.

Implementation of Institutional Controls and Other Measures

Though not required by the OU 1 or OU 2 RODs, ICs have been established at the Site, and a number of other measures are in place to prevent unauthorized access to certain areas.

In January 1984, the Site was placed on the Missouri Registry of Confirmed Abandoned or Uncontrolled Hazardous Waste Disposal Sites. As requested by Syntex in 2002, the Trench Area is listed separately from the rest of the Site as Syntex-Verona (West). The Fiscal Year 2020 Registry report lists Syntex-Verona (West) as Class 3: Sites not presenting a significant threat to public health or the environment (MoDNR, 2020). Syntex-Verona (East) is listed as Class 4: Sites that have been properly closed but require continued management.

Additionally, the deed for the Syntex-DuCoa property transaction contains a restrictive covenant that limits the East Area to industrial uses (TEA, 2016). This deed, with restrictive covenant, is recorded in the office of the Lawrence County Recorder of Deeds. The restrictions on use run with the land and are binding upon future owners of the property.

Although institutional controls for soils and groundwater were not required in the RODs, institutional controls were needed to ensure soils at the Site are not disturbed until they have been characterized for dioxin and DLCs, to ensure future construction at the Site is done in a manner protective of workers, and to restrict use of groundwater. On January 9, 2019, an EC on the East Area of the Site went into effect, providing Activity and Use Limitations (AULs) including land use restrictions, well installation and groundwater use restrictions, closure of Empire District Well #3, and maintenance of a pavement cover in portions of the property. These AULs are enforceable and run with the land.

The 2019 EC has been effective in preventing exposures to potentially contaminated soils and groundwater in the East Area in the short time since it was put in place. Some of the activities performed to comply with the EC are as follows:

- BCP submitted annual compliance reports for 2019-2021 (EW, 2021; 2022) that document activities performed to comply with the 2019 EC. There were three reported water line ruptures: February 14, 2019; September 12, 2019; and November 4, 2019. BCP notified the EPA within 48 hours of each event, repaired the water line, and returned the excavated soils to their original location and depth.
- On June 24, 2019, the Empire District Well #3, located immediately north of the East Area, was plugged in accordance with the requirements in the 2019 EC and MoDNR standards for well plugging (EW, 2019)
- In 2020, BCP sampled soils for dioxin and DLCs in an area of planned building expansion to determine whether the EPCs were less than the RBCs for construction workers and plant workers. The EPCs were well below the RBC, and BCP began construction in December 2020.
- On May 17 and 18, 2021, the BCP perimeter fence was extensively damaged by flooding. BCP notified the EPA and verified that the fence reconstruction fell under the emergency exception pursuant to Section 2.A.iii of the 2018 EC (EPA, 2021a). Fence reconstruction was completed September 30, 2021.

On April 13, 2022, ECs for the West Area and the North Property went into effect. These are enforceable and run with the land. For the West Area, AULs include maintenance of the existing Trench Area cap, fence (to include signage), and survey markers; establishment/maintenance of a boundary fence with signage; restrictions on groundwater use or well installation; and building restrictions. For the North Property, AULs include restrictions on groundwater use, drilling, well installation, and any other interference with environmental investigation and remediation.

As noted above, site access is restricted. Vehicles must access the Site through BCP-owned property, which is fenced and subject to 24-hour security. The only access road into the West Area and leading to

the Trench Area is cabled and locked. The Trench Area is capped and fenced with five-strand barbed wire with warning signs stating: “No Trespassing – Restricted Area.” A perimeter fence surrounds the entire Site and BCP property combined. The North Property is owned and controlled by Syntex. North Property access is restricted by additional fencing, and Syntex has closed the private well on the property.

The historic ICs described above have been effective in preventing exposures since the last FYR. With the additional ICs that went into effect in April 2022, the entire Site is currently covered. Together, these ICs are expected to be effective in preventing future exposure.

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:

There have been many changes in standardized risk assessment methodology, default exposure assumptions, and toxicity values since the time of remedy selection. However, the change with the greatest potential to impact remedy protectiveness has been the new non-cancer RfD of 0.7 picograms/kilogram-day dioxin that was finalized in 2012. During the Fourth FYR in 2012, comparison of site cleanup goals with the industrial soil RSL that was based on the new dioxin RfD and standard default exposure parameters suggested that the remedy might no longer be considered protective.

Pursuant to the 2016 AOC and as described in the Data Review section above, additional investigations were conducted to characterize current soil, groundwater, surface water, and sediment conditions. As part of these efforts, site-specific RBCs were derived for current and potential future receptors, including plant workers, maintenance workers, groundskeepers, trespassers, and short-term contract workers, using the new dioxin RfD, together with current exposure parameters and risk assessment methodology. For soil, the studies found that dioxin concentrations in the East Area (Foth, 2020c) are less than site-specific RBCs protective of current and potential future receptors in each of these areas. Additional recent studies of the West Area roadway segments (Foth, 2017b) and Trench Area roadways (Foth, 2019a), voluntarily conducted by Syntex, also found dioxin concentrations beneath and along the roadway in the West Area leading to the Trench Area are less than site-specific RBCs, and therefore protective of current and potential future receptors. For groundwater, no historical compounds of concern (e.g., TCDD and hexachlorophene) were detected over numerous quarters of sampling. However, some VOC and SVOC compounds were detected, with chlorobenzene and 1,4-dioxane exceeding PQLGs reflective of current toxicity values, exposure parameters, and risk assessment methodology. Chlorobenzene detections in groundwater were limited to one on-site well. Monitoring and off-site delineation of 1,4-dioxane in groundwater continue. During additional risk characterization in the Spring River, the sediment sample results showed that TCDD was only detected in one DU at concentrations slightly above the detection limit. Overall, the SLERA analytical results demonstrated limited potential impacts to the Spring River Study Area from TCDD (TEA, 2017).

Changes in Standards and TBCs

Since the 1988 OU 1 ROD and 1993 OU 2 ROD, there have been many changes in standards and TBCs. These changes are discussed in greater detail in the Fourth and Fifth FYRs for this Site and were the basis for requiring supplemental investigations to evaluate the continued protectiveness of the remedy. The 2016 AOC work plans and subsidiary work plans included an expanded groundwater analyte list,

and all soil, sediment, groundwater, and surface water concentrations were evaluated using current standards and TBCs.

Changes in Toxicity and Other Contaminant Characteristics

Since the 1988 ROD and 1993 OU 2 ROD, there have been many changes in toxicity values, most notably the 2012 dioxin RfD. These changes are discussed in greater detail in the Fourth and Fifth FYRs for this Site and were the basis for requiring supplemental investigations to evaluate the continued protectiveness of the remedy. All data collected under the 2016 AOC work plans and subsidiary work plans were evaluated using current cancer and non-cancer toxicity values.

Changes in Risk Assessment Methods

Since the 1988 ROD and 1993 OU 2 ROD, many currently used risk assessment guidance documents have been published, including Risk Assessment Guidance for Superfund Parts A, D, E, and F, as well as the Ecological Risk Assessment Guidance for Superfund. The 2016 AOC work plans and subsidiary work plans used to determine whether the remedy remains protective were developed based on current risk assessment methodology.

Changes in Exposure Pathways

Due to changes in risk assessment methodology, the EPA now evaluates a greater number of exposure pathways. The 2016 AOC work plans and subsidiary work plans led to the development of site-specific RBCs reflective of current and potential future receptors. The exposure parameters used to develop these site-specific RBCs are a combination of current default values (e.g., body weight, soil ingestion rate) and actual site practices (e.g., exposure frequency for the maintenance worker).

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

No additional information has come to light that could call into question the protectiveness of the remedy.

To the best of our knowledge, during the FYR period no impacts from climate change have occurred that affect the protectiveness of the remedy. Potentially, future increases in precipitation could increase contaminant leaching from soil to groundwater, elevate groundwater levels to contact contaminated vadose zone soils, or affect transport of groundwater contamination plumes. Similarly, future flooding could facilitate the migration of impacted soil or suspended sediment to the Spring River or impact the integrity of vegetative caps.

VI. ISSUES/RECOMMENDATIONS

Issues/Recommendations
OU(s) without Issues/Recommendations Identified in the Five-Year Review:
OU(s): none

Issues and Recommendations Identified in the Five-Year Review:

OU(s): 1	Issue Category: Remedy Performance			
	Issue: Flood berm surrounding the BCP facility is insufficient to prevent flooding.			
	Recommendation: Review the existing flood berm, evaluate whether modification is necessary to prevent flooding of the BCP facility, and implement modifications as necessary to address. Note that recent flooding demonstrated the existing flood berm was not effective and several feet of water flooded the plant and several OU 1 remediated areas. This flood event did not impact the OU 1 remedy. However, it is possible that a future flooding event has the potential to impact remedy performance by disturbing the vegetative or asphalt covers of remediated areas and mobilizing dioxin contaminated soils.			
Affect Current Protectiveness	Affect Future Protectiveness	Party Responsible	Oversight Party	Milestone Date
No	Yes	PRP	EPA	9/30/2024

OU(s): 1	Issue Category: Operations and Maintenance			
	Issue: Surface topography is preventing proper drainage in an approximately 9,300-square-foot area of the former Lagoon Area.			
	Recommendation: Propose and submit a plan to address the issue to the EPA and MoDNR for review. Implement the plan once it is approved.			
Affect Current Protectiveness	Affect Future Protectiveness	Party Responsible	Oversight Party	Milestone Date
No	Yes	PRP	EPA	3/31/2023

OU(s): 1	Issue Category: Operations and Maintenance			
	Issue: There is currently no O&M Manual or O&M Plan for the OU 1 remedy.			
	Recommendation: Propose and submit an O&M Manual and O&M Plan to the EPA and MoDNR for review. Implement the plan once it is approved.			
Affect Current Protectiveness	Affect Future Protectiveness	Party Responsible	Oversight Party	Milestone Date
No	Yes	PRP	EPA	3/31/2023

OU(s): 2	Issue Category: Other			
	Issue: Several uncapped and unsecured former irrigation pipes and a monitoring well are present on the Site.			

<p>Recommendation: The features should be identified to determine their construction, then be labeled, capped, and secured to prevent the conduits from being potential conduits to the groundwater. If the features are wells, and determined to be damaged, improperly constructed, or no longer needed or appropriate for site monitoring purposes, they should be properly abandoned in accordance with MoDNR requirements.</p>				
Affect Current Protectiveness	Affect Future Protectiveness	Party Responsible	Oversight Party	Milestone Date
No	Yes	PRP	EPA	3/31/2023

OTHER FINDINGS

In addition, the following are observations and recommendations that were identified during the FYR that do not affect current and/or future remedy protectiveness for OU 1 or OU 2:

- The source and extent of the 1,4-dioxane-contaminated groundwater plume present in the shallow alluvial aquifer and shallow bedrock, and designated by the EPA as OU 3, has not been determined. Pursuant to the 2022 Administrative Order on Consent for OU 3 that is currently being negotiated, Syntex and BCP will conduct investigations to identify the source and extent of the 1,4-dioxane-contaminated groundwater plume, perform a human health risk assessment, and if necessary, evaluate remedial alternatives.

VII. PROTECTIVENESS STATEMENT

Protectiveness Statement(s)	
<i>Operable Unit:</i> OU 1	<i>Protectiveness Determination:</i> Short-term Protective
<p><i>Protectiveness Statement:</i> The remedy at OU 1 currently protects human health and the environment because the shallow soil and Spring River sediment characterization activities and protectiveness evaluations performed between 2016 and 2021 demonstrated that the remedy is protective for its current use; and institutional controls are in place to ensure the current use remains unchanged and to ensure the soils are not disturbed without EPA approval. However, for the remedy to be protective in the long-term, the following actions need to be taken to ensure protectiveness: the flood berm needs to be assessed and, if necessary, modified to prevent contaminated soils within the berm area from being mobilized; the surface topography of the Lagoon Area needs to be assessed and modified to prevent ponding on the vegetative cover; and operation and maintenance procedures and plans need to be developed and implemented to ensure the remedy is properly maintained.</p>	

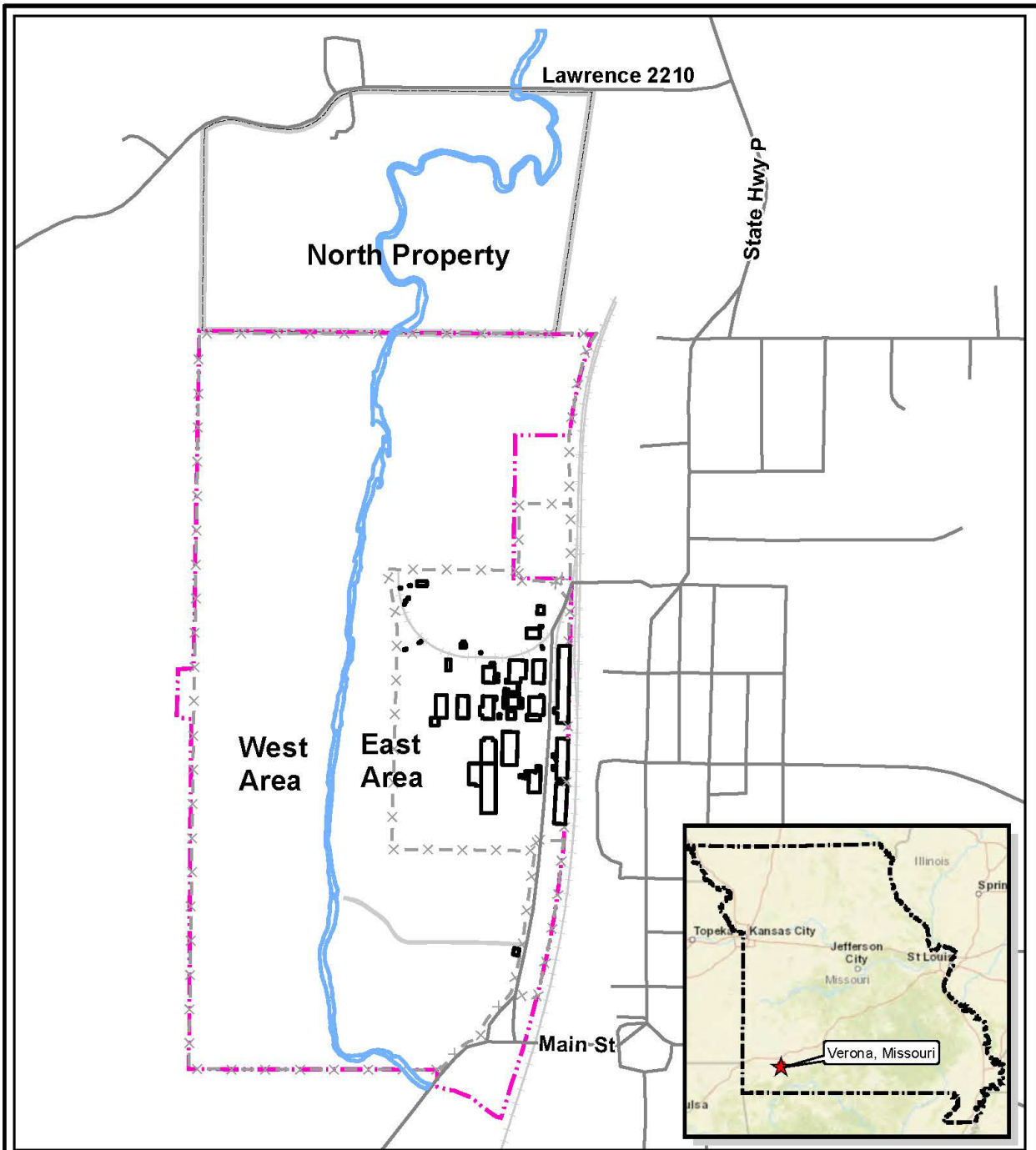
<i>Operable Unit:</i> OU 2	<i>Protectiveness Determination:</i> Protective
<p><i>Protectiveness Statement:</i> The remedy at OU 2 is protective of human health and the environment.</p>	

VIII. NEXT REVIEW

The next FYR report for the Syntex Facility Superfund Site is required five years from the completion date of this review.

APPENDIX A

FIGURES



- LEGEND**
- Roads
 - Building Outline
 - × — Fence
 - Railroad
 - Spring River
 - - - Site Boundary
 - North Property

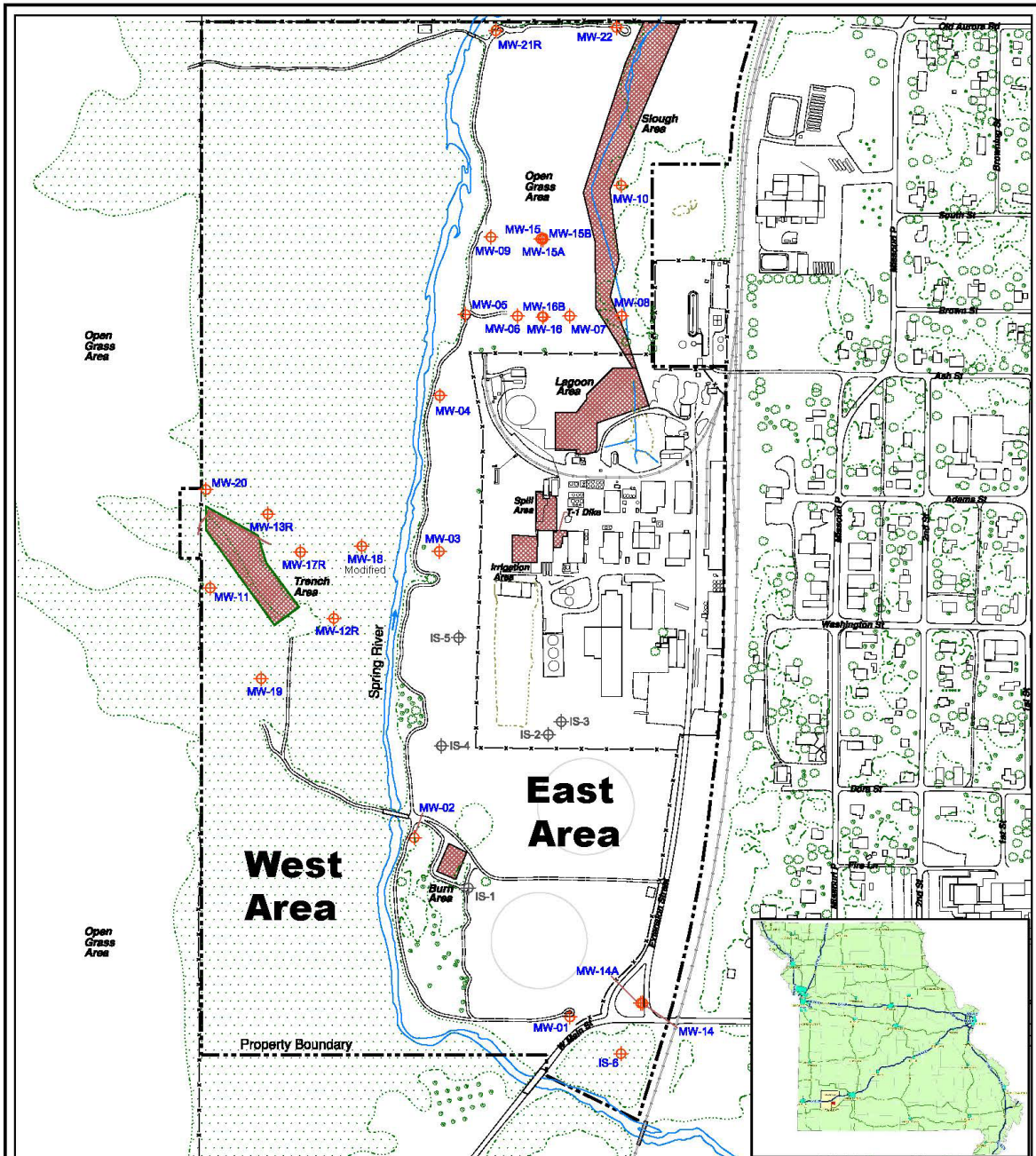
NOTES:
 1. Coordinate System: MO83-WF



FIGURE 1		
FACILITY LOCATION MAP SYNTEX FACILITY SUPERFUND SITE VERONA, MISSOURI		
Date: SEPTEMBER 2020	Revision Date:	
Drawn By: DAT	Checked By: RMK	Scope: 15S239

This drawing is neither a legally recorded map nor a survey and is not intended to be used as one. This drawing is a compilation of records, information and data used for reference purposes only.





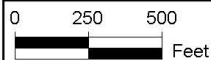
LEGEND

- Forest Area
- Tree Coverage Area
- Brush Area
- Remediation Area
- MWV-## Monitoring Well Location
- Railroad
- Gravel/Dirt Road
- Fence



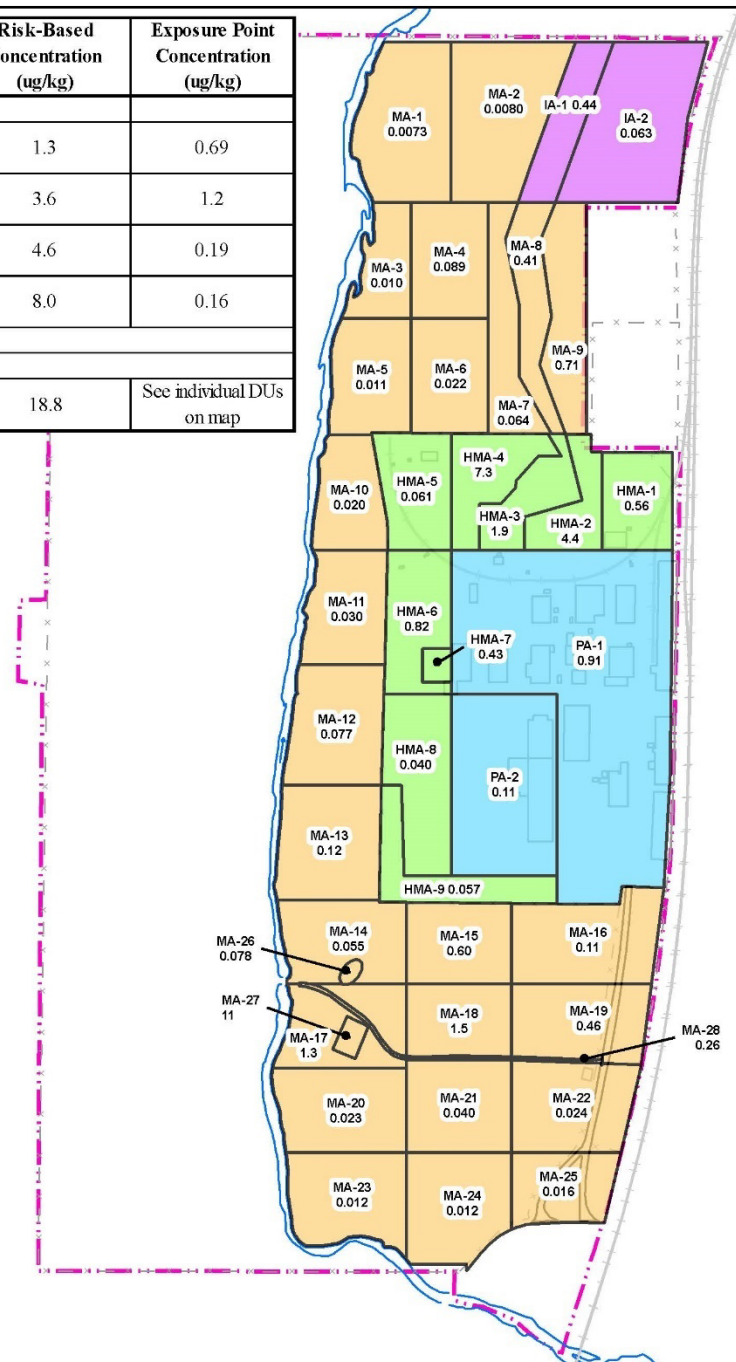
Figure 2
 FACILITY LOCATION MAP
 SYNTEX FACILITY SUPERFUND SITE
 VERONA, MISSOURI

This drawing is neither a legally recorded map nor a survey and is not intended to be used as one. This drawing is a compilation of records, information and data used for reference purposes only.



Date: APRIL 2015	Revision: NOVEMBER 2015
Drawn By: ADM	Checked By: RMK
Scope: 15S239	

Exposure Area and Receptor	Risk-Based Concentration (ug/kg)	Exposure Point Concentration (ug/kg)
Chronic Exposure Scenarios		
Plant Area SDU Receptor: Plant Worker	1.3	0.69
Highly Maintained Area SDU Receptor: Maintenance Worker	3.6	1.2
Maintained Area SDU Receptor: Groundskeeper	4.6	0.19
Inaccessible Area SDU Receptor: Trespasser	8.0	0.16
Subchronic Exposure Scenario		
All East Area DUs Receptor: Short Term Contract Worker	18.8	See individual DUs on map



LEGEND

- Super Decision Units**
- Highly Maintained Area
 - Inaccessible Area
 - Maintained Area
 - Plant Area
- Building Outline
 × Fence
 — Railroad
 — River
 Site Boundary

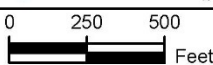
NOTES:

1. Coordinate System: MO83-WF
2. Units: ug/kg

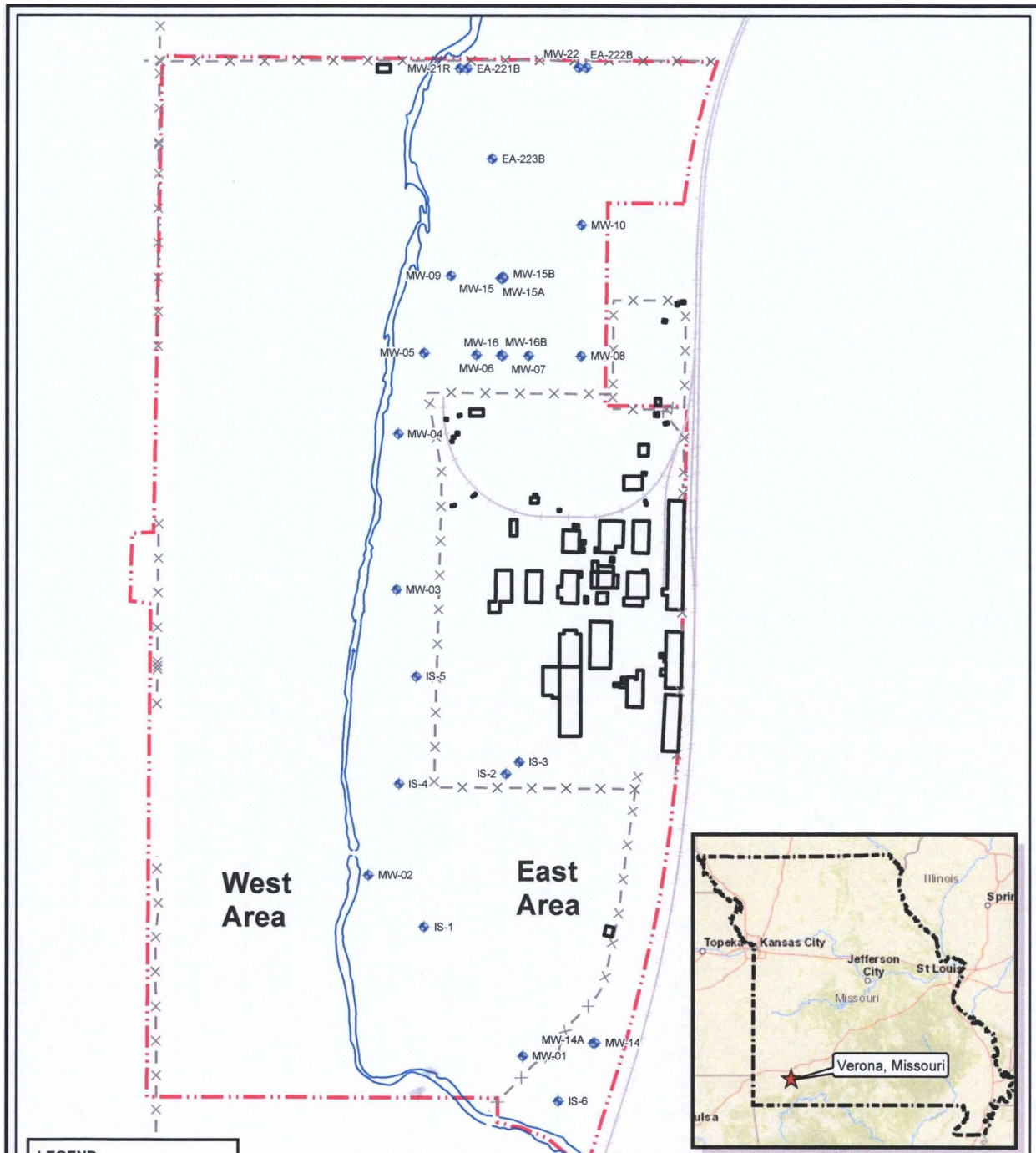


Figure 3
 DECISION UNIT TEQ VALUES AND
 SUPER DECISION UNIT EPC VALUES
 SYNTEX FACILITY SUPERFUND SITE
 VERONA, MISSOURI

This drawing is neither a legally recorded map nor a survey and is not intended to be used as one. This drawing is a compilation of records, information and data used for reference purposes only.



Date: MARCH 2018	Revision Date:
Drawn By: DAT	Checked By: RMK
Scope: 15S239	



LEGEND

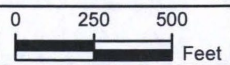
- ◆ Monitoring Well Location
- ▭ Building Outline
- × Fence
- Railroad
- River
- ⬮ Site Boundary

NOTES:
 1. Coordinate System: MO83-WF

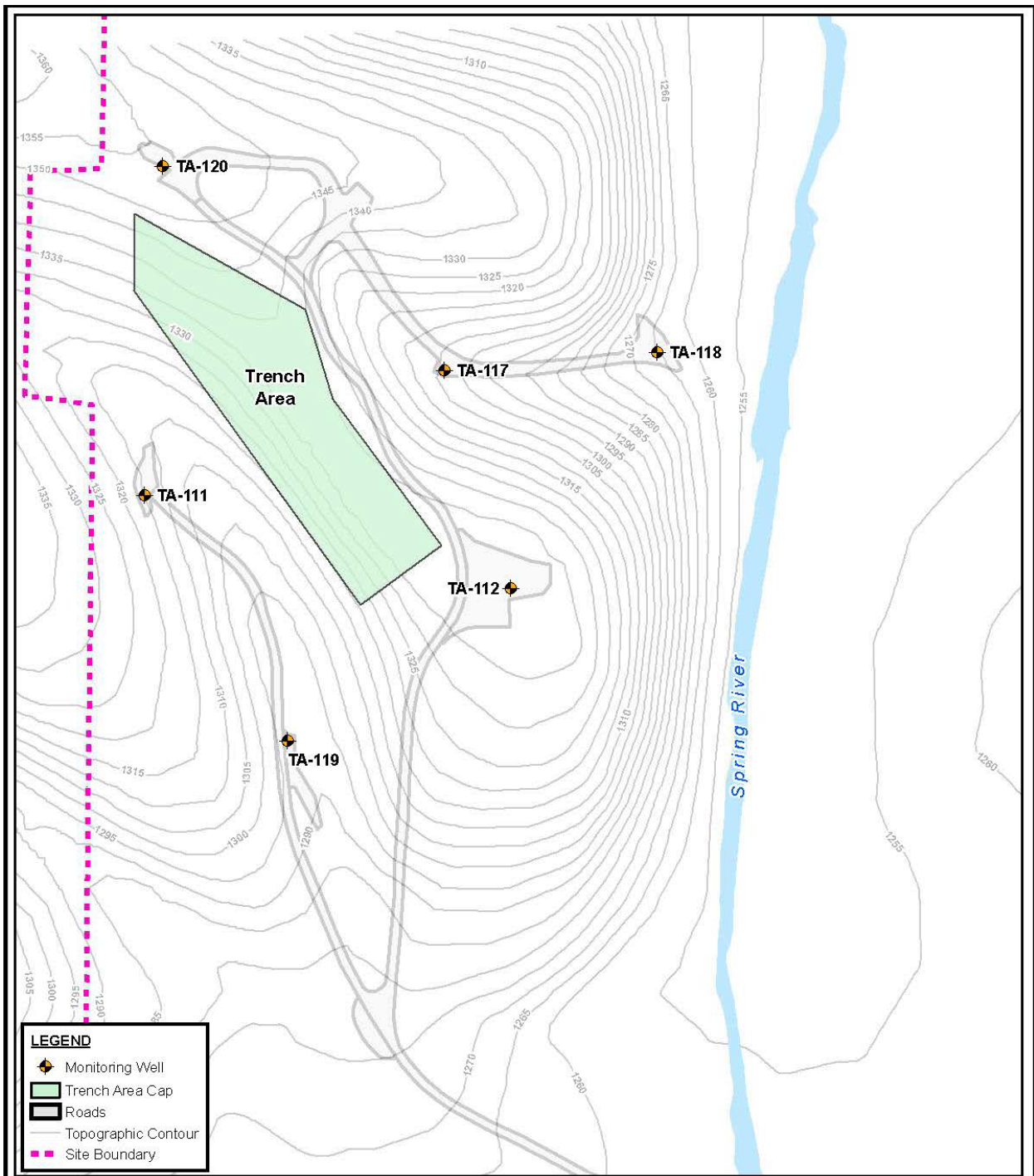


Figure 4
 FACILITY LOCATION MAP
 SYNTEX FACILITY SUPERFUND SITE
 VERONA, MISSOURI

This drawing is neither a legally recorded map nor a survey and is not intended to be used as one. This drawing is a compilation of records, information and data used for reference purposes only.



Date: APRIL 2018	Revision Date:
Drawn By: DAT	Checked By: RMK
Scope: 15S239	



NOTES:

This drawing is neither a legally recorded map nor a survey and is not intended to be used as one. This drawing is a compilation of records, information and data used for reference purposes only.

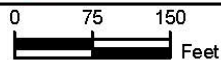


Figure 5

WELL LOCATION MAP
 SYNTEX FACILITY SUPERFUND SITE
 VERONA, MISSOURI

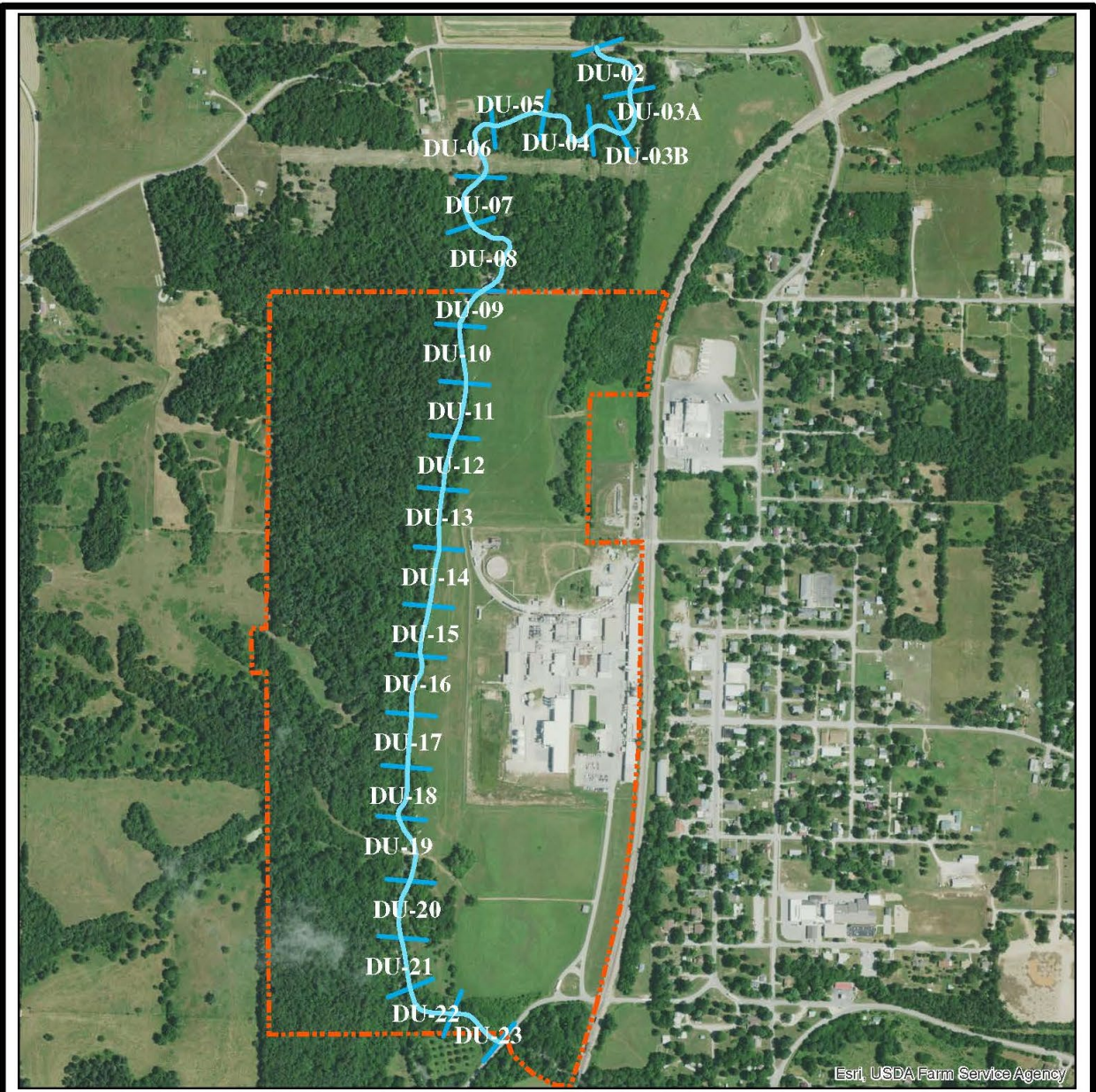
Date: AUGUST 2019

Revision Date:

Drawn By: JRS6

Checked By: RMK

Project: 15S239



- Legend**
- Site Boundary
 - Spring River SDU (7,000 feet)
 - Spring River Decision Unit (DU) Boundary

0 250 500 1,000 1,500 2,000 Feet

Note:
DU is equivalent to SED locations.



Figure 6
DECISION UNIT LOCATIONS

Verona, Missouri

FOR:		Syntex Agribusiness, Inc.	
		Spring River	
		Screening Level Ecological Risk Assessment	
PROJECT NO:	SYN-16.08		
CHECKED BY:	M. Mohler	DATE:	October 2017
DRAWN BY:	D. Boudreaux	DATE:	October 2017
SCALE:	Noted	FIGURE:	

APPENDIX B

TABLES OF ANALYTICAL RESULTS

Table 1
East Area Groundwater Data Summary (IS-6)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Well ID		IS-6		IS-6		IS-6		IS-6		IS-6	
					Sample ID	IS-6-13122016	IS-6-13022017	IS-6-15052017	IS-6-14082017	IS-6-13112017	IS-6-19022018					
					Date	12/13/2016	2/13/2017	5/15/2017	8/14/2017	11/13/2017	2/19/2018					
					Sample Type	N	N	N	N	N	N					
Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual			
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	< 0.070 U		< 0.07 U		< 0.07 U		< 0.07 U		< 0.07 U		< 0.07 U	UJ
EPA 604.1	Hexachlorophene	70-30-4	6 ^{n,a}	ug/L	< 10.2 U		< 10.4 U		< 10 U		< 10 U		< 10.4 U		< 10.6 U	
EPA 8260B	1,1,1,2-Tetrachloroethane	630-20-6	0.57 ^c	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1,1-Trichloroethane	71-55-6	200	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1,2,2-Tetrachloroethane	79-34-5	7.6 ^{c,a}	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1,2-Trichloroethane	79-00-5	5	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1-Dichloroethane	75-34-3	2.8 ^c	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1-Dichloroethene	75-35-4	7	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1-Dichloropropene	563-58-6	None	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,3-Trichlorobenzene	87-61-6	7 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,3-Trichloropropane	96-18-4	0.075 ^{c,a}	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,4-Trichlorobenzene	120-82-1	70	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,4-Trimethylbenzene	95-63-6	15 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dibromo-3-chloropropane	96-12-8	0.2	ug/L	< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U		< 2 U		< 2 U	
EPA 8260B	1,2-Dibromoethane	106-93-4	0.05	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichlorobenzene	95-50-1	600	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichloroethane	107-06-2	5	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichloroethene, Total	540-59-0	None	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichloropropane	78-87-5	5	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,3,5-Trimethylbenzene	108-67-8	120 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,3-Dichlorobenzene	541-73-1	None	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,3-Dichloropropane	142-28-9	370 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,4-Dichlorobenzene	106-46-7	75	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	2,2-Dichloropropane	594-20-7	None	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 2 U		< 2 U	
EPA 8260B	2-Butanone	78-93-3	5600 ⁿ	ug/L	< 2.0 U		< 2 U		< 2 U		< 2 U		< 5 U		< 5 U	
EPA 8260B	2-Chlorotoluene	95-49-8	240 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 1 U		< 1 U	
EPA 8260B	2-Hexanone	591-78-6	38 ⁿ	ug/L	< 2.0 U		< 2 U		< 2 U		< 2 U		< 5 U		< 5 U	
EPA 8260B	4-Chlorotoluene	106-43-4	250 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 1 U		< 1 U	
EPA 8260B	4-Methyl-2-pentanone	108-10-1	6300 ⁿ	ug/L	< 2.0 U		< 2 U		< 2 U		< 2 U		< 5 U		< 5 U	
EPA 8260B	Acetone	67-64-1	14000 ⁿ	ug/L	< 2.5 U		< 2.5 U		6.5	U	< 5 U	U	< 10 U		< 10 U	
EPA 8260B	Benzene	71-43-2	5	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromobenzene	108-86-1	62 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromochloromethane	74-97-5	83 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromodichloromethane	75-27-4	80	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	

Table 1
East Area Groundwater Data Summary (IS-6)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

				Well ID		IS-6		IS-6		IS-6		IS-6		IS-6		IS-6	
				Sample ID		IS-6-13122016		IS-6-13022017		IS-6-15052017		IS-6-14082017		IS-6-13112017		IS-6-19022018	
				Date		12/13/2016		2/13/2017		5/15/2017		8/14/2017		11/13/2017		2/19/2018	
				Sample Type		N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	
EPA 8260B	Bromoform	75-25-2	80	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 2 U		< 2 U		
EPA 8260B	Bromomethane	74-83-9	7.5 ⁿ	ug/L	< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 20 U		< 5 U		
EPA 8260B	Carbon Disulfide	75-15-0	810 ⁿ	ug/L	< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		
EPA 8260B	Carbon Tetrachloride	56-23-5	5	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	Chlorobenzene	108-90-7	100	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	Chlorodibromomethane	124-48-1	80	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	Chloroethane	75-00-3	21000 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 2 U		< 1 U		
EPA 8260B	Chloroform	67-66-3	80	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	Chloromethane	74-87-3	190 ⁿ	ug/L	< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U	U	< 0.5 U		< 0.5 U		
EPA 8260B	cis-1,2-Dichloroethene	156-59-2	70	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	cis-1,3-Dichloropropene	10061-01-5	0.47	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	Dibromomethane	74-95-3	8.3 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	Dichlorodifluoromethane	75-71-8	200 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	Ethylbenzene	100-41-4	700	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	Fluorotrichloromethane	75-69-4	5200 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	Hexachlorobutadiene	87-68-3	6.5	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	Isopropylbenzene	98-82-8	450 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	Methylene Chloride	75-09-2	5	ug/L	< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U		< 5 U		< 1 U		
EPA 8260B	Methyl-tert-butyl-ether	1634-04-4	14 ^c	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	Naphthalene	91-20-3	6.1 ^{c,a}	ug/L	< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		
EPA 8260B	n-Butylbenzene	104-51-8	1000 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	n-Propylbenzene	103-65-1	660 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	p-Isopropyltoluene	99-87-6	None	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	sec-Butylbenzene	135-98-8	2000 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	Styrene	100-42-5	100	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	tert-Butylbenzene	98-06-6	690 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	Tetrachloroethene	127-18-4	5	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	Toluene	108-88-3	1000	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	trans-1,2-Dichloroethene	156-60-5	100	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	trans-1,3-Dichloropropene	10061-02-6	0.47	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	Trichloroethene	79-01-6	5	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	Vinyl Chloride	75-01-4	2	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	Xylenes, Total	1330-20-7	10000	ug/L	< 0.20 U		< 0.2 U		< 0.2 U		< 0.2 U		< 1.5 U		< 1.5 U		
EPA 8270D	2,2'-oxybis(1-Chloropropane)	108-60-1	710 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U		
EPA 8270D	2,4,6-Trichlorophenol	88-06-2	4.1 ^c	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U		
EPA 8270D	2,4-Dichlorophenol	120-83-2	46 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U		

Table 1
East Area Groundwater Data Summary (IS-6)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Well ID		IS-6		IS-6		IS-6		IS-6		IS-6	
					Sample ID	IS-6-13122016	IS-6-13022017	IS-6-15052017	IS-6-14082017	IS-6-13112017	IS-6-19022018					
					Date	12/13/2016	2/13/2017	5/15/2017	8/14/2017	11/13/2017	2/19/2018					
					Sample Type	N	N	N	N	N	N					
Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual			
EPA 8270D	2,4-Dimethylphenol	105-67-9	360 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	2,4-Dinitrophenol	51-28-5	39 ⁿ	ug/L	< 2.8 U		< 2.8 U		< 2.5 U		< 2.5 U		< 2.7 U		< 2.5 U	
EPA 8270D	2,4-Dinitrotoluene	121-14-2	24 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	2,6-Dinitrotoluene	606-20-2	4.9 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	2-Chloronaphthalene	91-58-7	750 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	2-Chlorophenol	95-57-8	91 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	2-Methylnaphthalene	91-57-6	36 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	2-Methylphenol	95-48-7	930 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	2-Nitroaniline	88-74-4	190 ⁿ	ug/L	< 2.8 U		< 2.8 U		< 2.5 U		< 2.5 U		< 2.7 U		< 2.5 U	
EPA 8270D	2-Nitrophenol	88-75-5	None	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	3 & 4-Methylphenol	MEPH3MEPH4	930 ⁿ	ug/L	< 2.3 U		< 2.2 U		< 2 U		< 2 U		< 2.1 U		< 2 U	
EPA 8270D	3,3-Dichlorobenzidine	91-94-1	13 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	3-Nitroaniline	99-09-2	None	ug/L	< 2.8 U		< 2.8 U		< 2.5 U		< 2.5 U		< 2.7 U		< 2.5 U	
EPA 8270D	4,6-Dinitro-2-methylphenol	534-52-1	1.5 ^{n,a}	ug/L	< 2.8 U		< 2.8 U		< 2.5 U		< 2.5 U		< 2.7 U		< 2.5 U	
EPA 8270D	4-Bromophenyl Phenyl Ether	101-55-3	None	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	4-Chloro-3-methylphenol	59-50-7	1400 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	4-Chloroaniline	106-47-8	37 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	4-Chlorophenyl Phenyl Ether	7005-72-3	None	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	4-Nitroaniline	100-01-6	3.8 ^c	ug/L	< 2.8 U		< 2.8 U		< 2.5 U		< 2.5 U		< 2.7 U		< 2.5 U	
EPA 8270D	4-Nitrophenol	100-02-7	None	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Acenaphthene	83-32-9	530 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Acenaphthylene	208-96-8	None	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Aniline	62-53-3	13 ^c	ug/L	< 2.8 U		< 2.8 U		< 2.5 U		< 2.5 U		< 2.7 U		< 2.5 U	
EPA 8270D	Anthracene	120-12-7	1800 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Benzo(a)anthracene	56-55-3	1.2 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Benzo(a)pyrene	50-32-8	0.2	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Benzoic Acid	65-85-0	75000 ⁿ	ug/L	< 28.2 U		< 27.8 U		< 25.1 U		< 25.3 U		< 26.7 U		< 25.3 U	
EPA 8270D	bis(2-Chloroethyl)ether	111-44-4	0.014 ^c	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	bis(2-Ethylhexyl)phthalate	117-81-7	6	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Butylbenzylphthalate	85-68-7	16 ^c	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Chrysene	218-01-9	3.4 ^c	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Dibenzo(a,h)anthracene	53-70-3	0.34 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Dibenzofuran	132-64-9	7.9 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Diethylphthalate	84-66-2	15000 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	

Table 1
East Area Groundwater Data Summary (IS-6)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

				Well ID	IS-6		IS-6		IS-6		IS-6		IS-6		IS-6	
				Sample ID	IS-6-13122016		IS-6-13022017		IS-6-15052017		IS-6-14082017		IS-6-13112017		IS-6-19022018	
				Date	12/13/2016		2/13/2017		5/15/2017		8/14/2017		11/13/2017		2/19/2018	
				Sample Type	N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8270D	Dimethylphthalate	131-11-3	None	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Di-n-butylphthalate	84-74-2	900 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Di-n-octylphthalate	117-84-0	200 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Fluoranthene	206-44-0	800 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Fluorene	86-73-7	290 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Hexachlorobenzene	118-74-1	1	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Hexachlorocyclopentadiene	77-47-4	50	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Hexachloroethane	67-72-1	6.2 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Indeno(1,2,3-cd)pyrene	193-39-5	3.4 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Isophorone	78-59-1	78 ^c	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Nitrobenzene	98-95-3	13 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	N-Nitrosodi-n-propylamine	621-64-7	1.1 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	N-Nitrosodiphenylamine	86-30-6	12 ^c	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Pentachlorophenol	87-86-5	1	ug/L	< 2.8 U		< 2.8 U		< 2.5 U		< 2.5 U		< 2.7 U		< 2.5 U	
EPA 8270D	Phenanthrene	85-01-8	None	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Phenol	108-95-2	5800 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Pyrene	129-00-0	120 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U		< 1 U	
SW846 8290	1,2,3,4,6,7,8-HpCDD	35822-46-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,6,7,8-HpCDF	67562-39-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8,9-HpCDF	55673-89-7	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8-HxCDD	39227-28-6	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8-HxCDF	70648-26-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,6,7,8-HxCDD	57653-85-7	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,6,7,8-HxCDF	57117-44-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8,9-HxCDD	19408-74-3	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8,9-HxCDF	72918-21-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8-PeCDD	40321-76-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8-PeCDF	57117-41-6	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,4,6,7,8-HxCDF	60851-34-5	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,4,7,8-PeCDF	57117-31-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,7,8-TCDF	51207-31-9	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	2,3,7,8-Tetrachlorodibenzo-p-Dioxin	1746-01-6	30	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	OCDD	3268-87-9	None	pg/L	< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U	
SW846 8290	OCDF	39001-02-0	None	pg/L	< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U	

Table 1
East Area Groundwater Data Summary (IS-6)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

					Well ID		IS-6		IS-6		IS-6		IS-6		IS-6			
					Sample ID		IS-6-13122016		IS-6-13022017		IS-6-15052017		IS-6-14082017		IS-6-13112017		IS-6-19022018	
					Date		12/13/2016		2/13/2017		5/15/2017		8/14/2017		11/13/2017		2/19/2018	
					Sample Type		N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual		
SW846 8290	Total HpCDD	37871-00-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U			
SW846 8290	Total HpCDF	38998-75-3	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U			
SW846 8290	Total HxCDD	34465-46-8	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U			
SW846 8290	Total HxCDF	55684-94-1	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U			
SW846 8290	Total PeCDD	36088-22-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U			
SW846 8290	Total PeCDF	30402-15-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U			
SW846 8290	Total TCDD	41903-57-5	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U			
SW846 8290	Total TCDF	55722-27-5	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U			

**Table 1
East Area Groundwater Data Summary (IS-6)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO**

Method	Chemical	CAS #	Quantitation Limit Goal*	Units	Well ID		IS-6		IS-6		IS-6		IS-6		IS-6		IS-6		IS-6	
					Sample ID	IS-6-05122019	IS-6-20022020	IS-6-11062020	IS-6-24082020	IS-6-16112020	IS-6-08032021	IS-6-24052021	IS-6-17082021	IS-6-01112021						
					Date	12/5/2019	2/20/2020	6/11/2020	8/24/2020	11/16/2020	3/8/2021	5/24/2021	8/17/2021	11/1/2021						
					Sample Type	N	N	N	N	N	N	N	N	N						
Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	< 0.20 U		< 0.20 U		< 0.21 U		< 0.20 U		< 0.20 U		< 0.20 U		< 0.20 U		< 0.20 U	

Notes:

- * Project Quantitation Limit Goals are analytical goals listed solely for the purpose of evaluating laboratory analytical methods and achievable laboratory limits; these are not project-specific screening levels and are not approved by USEPA or MDNR as the appropriate risk assessment values for this project. The risk assessment values will be developed in subsequent phases of the project.
- + MCL or RSL not established
- c USEPA Tapwater Regional Screening Level (cancer)
- n USEPA Tapwater Regional Screening Level (noncancer)
- a Regional Screening Level adjusted to 10⁻⁴
- No analysis performed.
- U The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
- J The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
- J- The result is an estimated quantity, but the result may be biased low.
- UJ The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

Table 1
East Area Groundwater Data Summary (MW-02)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	MW-02		MW-02		MW-02		MW-02		MW-02		MW-02	
					Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID						
					Date	Date	Date	Date	Date	Date						
					Sample Type	Sample Type	Sample Type	Sample Type	Sample Type	Sample Type						
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	< 0.070 U		< 0.07 U		< 0.07 U		< 0.07 U		< 0.07 U		< 0.07 U	UJ
EPA 604.1	Hexachlorophene	70-30-4	6 ^{n,a}	ug/L	< 10.5 U		< 10.4 U		< 10 U		< 10 U		< 10.8 U		< 10.5 U	
EPA 8260B	1,1,1,2-Tetrachloroethane	630-20-6	0.57 ^c	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1,1-Trichloroethane	71-55-6	200	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1,2,2-Tetrachloroethane	79-34-5	7.6 ^{c,a}	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1,2-Trichloroethane	79-00-5	5	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1-Dichloroethane	75-34-3	2.8 ^c	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1-Dichloroethene	75-35-4	7	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1-Dichloropropene	563-58-6	None	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,3-Trichlorobenzene	87-61-6	7 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,3-Trichloropropane	96-18-4	0.075 ^{c,a}	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,4-Trichlorobenzene	120-82-1	70	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,4-Trimethylbenzene	95-63-6	15 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dibromo-3-chloropropane	96-12-8	0.2	ug/L	< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U		< 2 U		< 2 U	
EPA 8260B	1,2-Dibromoethane	106-93-4	0.05	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichlorobenzene	95-50-1	600	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichloroethane	107-06-2	5	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichloroethene, Total	540-59-0	None	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichloropropane	78-87-5	5	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,3,5-Trimethylbenzene	108-67-8	120 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,3-Dichlorobenzene	541-73-1	None	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,3-Dichloropropane	142-28-9	370 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,4-Dichlorobenzene	106-46-7	75	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	2,2-Dichloropropane	594-20-7	None	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 2 U		< 2 U	
EPA 8260B	2-Butanone	78-93-3	5600 ⁿ	ug/L	< 2.0 U		< 2 U		< 2 U		< 2 U		< 5 U		< 5 U	
EPA 8260B	2-Chlorotoluene	95-49-8	240 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 1 U		< 1 U	
EPA 8260B	2-Hexanone	591-78-6	38 ⁿ	ug/L	< 2.0 U		< 2 U		< 2 U		< 2 U		< 5 U		< 5 U	
EPA 8260B	4-Chlorotoluene	106-43-4	250 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 1 U		< 1 U	
EPA 8260B	4-Methyl-2-pentanone	108-10-1	6300 ⁿ	ug/L	< 2.0 U		< 2 U		< 2 U		< 2 U		< 5 U		< 5 U	
EPA 8260B	Acetone	67-64-1	14000 ⁿ	ug/L	< 2.5 U		< 2.5 U		6.6	U	< 5 U		< 10 U		< 10 U	
EPA 8260B	Benzene	71-43-2	5	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromobenzene	108-86-1	62 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromochloromethane	74-97-5	83 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromodichloromethane	75-27-4	80	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromoform	75-25-2	80	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 2 U		< 2 U	
EPA 8260B	Bromomethane	74-83-9	7.5 ⁿ	ug/L	< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 20 U		< 5 U	
EPA 8260B	Carbon Disulfide	75-15-0	810 ⁿ	ug/L	< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	

Table 1
East Area Groundwater Data Summary (MW-02)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

				Well ID	MW-02		MW-02		MW-02		MW-02		MW-02		MW-02	
				Sample ID	MW-2-13122016	MW-2-13022017	MW-2-15052017	MW-2-14082017	MW-2-13112017	MW-2-19022018						
				Date	12/13/2016	2/13/2017	5/15/2017	8/14/2017	11/13/2017	2/19/2018						
				Sample Type	N	N	N	N	N	N						
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8260B	Carbon Tetrachloride	56-23-5	5	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Chlorobenzene	108-90-7	100	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Chlorodibromomethane	124-48-1	80	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Chloroethane	75-00-3	21000 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 2 U		< 1 U	
EPA 8260B	Chloroform	67-66-3	80	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Chloromethane	74-87-3	190 ⁿ	ug/L	< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	cis-1,2-Dichloroethene	156-59-2	70	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	cis-1,3-Dichloropropene	10061-01-5	0.47	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Dibromomethane	74-95-3	8.3 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Dichlorodifluoromethane	75-71-8	200 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Ethylbenzene	100-41-4	700	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Fluorotrichloromethane	75-69-4	5200 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Hexachlorobutadiene	87-68-3	6.5	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Isopropylbenzene	98-82-8	450 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Methylene Chloride	75-09-2	5	ug/L	< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U		< 5 U		< 1 U	
EPA 8260B	Methyl-tert-butyl-ether	1634-04-4	14 ^c	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Naphthalene	91-20-3	6.1 ^{c,a}	ug/L	< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	n-Butylbenzene	104-51-8	1000 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	n-Propylbenzene	103-65-1	660 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	p-Isopropyltoluene	99-87-6	None	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	sec-Butylbenzene	135-98-8	2000 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Styrene	100-42-5	100	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	tert-Butylbenzene	98-06-6	690 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Tetrachloroethene	127-18-4	5	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Toluene	108-88-3	1000	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	trans-1,2-Dichloroethene	156-60-5	100	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	trans-1,3-Dichloropropene	10061-02-6	0.47	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Trichloroethene	79-01-6	5	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Vinyl Chloride	75-01-4	2	ug/L	< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Xylenes, Total	1330-20-7	10000	ug/L	< 0.20 U		< 0.2 U		< 0.2 U		< 0.2 U		< 1.5 U		< 1.5 U	
EPA 8270D	2,2'-oxybis(1-Chloropropane)	108-60-1	710 ⁿ	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	2,4,6-Trichlorophenol	88-06-2	4.1 ^c	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	2,4-Dichlorophenol	120-83-2	46 ⁿ	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	2,4-Dimethylphenol	105-67-9	360 ⁿ	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	2,4-Dinitrophenol	51-28-5	39 ⁿ	ug/L	< 2.8 U		< 3 U		< 2.5 U		< 2.6 U		< 2.5 U		< 2.7 U	
EPA 8270D	2,4-Dinitrotoluene	121-14-2	24 ^{c,a}	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	2,6-Dinitrotoluene	606-20-2	4.9 ^{c,a}	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	

Table 1
East Area Groundwater Data Summary (MW-02)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	MW-02		MW-02		MW-02		MW-02		MW-02		MW-02	
					Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID				
					Date	Date	Date	Date	Date	Date	Date	Date				
					Sample Type	Sample Type	Sample Type	Sample Type	Sample Type	Sample Type	Sample Type	Sample Type				
					MW-2-13122016	MW-2-13022017	MW-2-15052017	MW-2-14082017	MW-2-13112017	MW-2-19022018						
					12/13/2016	2/13/2017	5/15/2017	8/14/2017	11/13/2017	2/19/2018						
					N	N	N	N	N	N						
					Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8270D	2-Chloronaphthalene	91-58-7	750 ⁿ	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	2-Chlorophenol	95-57-8	91 ⁿ	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	2-Methylnaphthalene	91-57-6	36 ⁿ	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	2-Methylphenol	95-48-7	930 ⁿ	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	2-Nitroaniline	88-74-4	190 ⁿ	ug/L	< 2.8 U		< 3 U		< 2.5 U		< 2.6 U		< 2.5 U		< 2.7 U	
EPA 8270D	2-Nitrophenol	88-75-5	None	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	3 & 4-Methylphenol	MEPH3MEPH4	930 ⁿ	ug/L	< 2.2 U		< 2.4 U		< 2 U		< 2.1 U		< 2 U		< 2.2 U	
EPA 8270D	3,3-Dichlorobenzidine	91-94-1	13 ^{c,a}	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	3-Nitroaniline	99-09-2	None	ug/L	< 2.8 U		< 3 U		< 2.5 U		< 2.6 U		< 2.5 U		< 2.7 U	
EPA 8270D	4,6-Dinitro-2-methylphenol	534-52-1	1.5 ^{n,a}	ug/L	< 2.8 U		< 3 U		< 2.5 U		< 2.6 U		< 2.5 U		< 2.7 U	
EPA 8270D	4-Bromophenyl Phenyl Ether	101-55-3	None	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	4-Chloro-3-methylphenol	59-50-7	1400 ⁿ	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	4-Chloroaniline	106-47-8	37 ^{c,a}	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	4-Chlorophenyl Phenyl Ether	7005-72-3	None	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	4-Nitroaniline	100-01-6	3.8 ^c	ug/L	< 2.8 U		< 3 U		< 2.5 U		< 2.6 U		< 2.5 U		< 2.7 U	
EPA 8270D	4-Nitrophenol	100-02-7	None	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Acenaphthene	83-32-9	530 ⁿ	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Acenaphthylene	208-96-8	None	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Aniline	62-53-3	13 ^c	ug/L	< 2.8 U		< 3 U		< 2.5 U		< 2.6 U		< 2.5 U		< 2.7 U	
EPA 8270D	Anthracene	120-12-7	1800 ⁿ	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Benzo(a)anthracene	56-55-3	1.2 ^{c,a}	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Benzo(a)pyrene	50-32-8	0.2	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Benzoic Acid	65-85-0	75000 ⁿ	ug/L	< 27.8 U		< 29.9 U		< 24.8 U		< 25.6 U		< 25.4 U		< 26.9 U	
EPA 8270D	bis(2-Chloroethyl)ether	111-44-4	0.014 ^c	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	bis(2-Ethylhexyl)phthalate	117-81-7	6	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Butylbenzylphthalate	85-68-7	16 ^c	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Chrysene	218-01-9	3.4 ^c	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Dibenzo(a,h)anthracene	53-70-3	0.34 ^{c,a}	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Dibenzofuran	132-64-9	7.9 ⁿ	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Diethylphthalate	84-66-2	15000 ⁿ	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Dimethylphthalate	131-11-3	None	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Di-n-butylphthalate	84-74-2	900 ⁿ	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Di-n-octylphthalate	117-84-0	200 ⁿ	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Fluoranthene	206-44-0	800 ⁿ	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Fluorene	86-73-7	290 ⁿ	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Hexachlorobenzene	118-74-1	1	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	

Table 1
East Area Groundwater Data Summary (MW-02)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	MW-02		MW-02		MW-02		MW-02		MW-02		MW-02	
					Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID						
					Date	Date	Date	Date	Date	Date						
					Sample Type	Sample Type	Sample Type	Sample Type	Sample Type	Sample Type						
					MW-2-13122016	MW-2-13022017	MW-2-15052017	MW-2-14082017	MW-2-13112017	MW-2-19022018						
					12/13/2016	2/13/2017	5/15/2017	8/14/2017	11/13/2017	2/19/2018						
					N	N	N	N	N	N						
					Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8270D	Hexachlorocyclopentadiene	77-47-4	50	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Hexachloroethane	67-72-1	6.2 ^{c,a}	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Indeno(1,2,3-cd)pyrene	193-39-5	3.4 ^{c,a}	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Isophorone	78-59-1	78 ^c	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Nitrobenzene	98-95-3	13 ^{c,a}	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	N-Nitrosodi-n-propylamine	621-64-7	1.1 ^{c,a}	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	N-Nitrosodiphenylamine	86-30-6	12 ^c	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Pentachlorophenol	87-86-5	1	ug/L	< 2.8 U		< 3 U		< 2.5 U		< 2.6 U		< 2.5 U		< 2.7 U	
EPA 8270D	Phenanthrene	85-01-8	None	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Phenol	108-95-2	5800 ⁿ	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Pyrene	129-00-0	120 ⁿ	ug/L	< 1.1 U		< 1.2 U		< 0.99 U		< 1 U		< 1 U		< 1.1 U	
SW846 8290	1,2,3,4,6,7,8-HpCDD	35822-46-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,6,7,8-HpCDF	67562-39-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8,9-HpCDF	55673-89-7	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8-HxCDD	39227-28-6	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8-HxCDF	70648-26-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,6,7,8-HxCDD	57653-85-7	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,6,7,8-HxCDF	57117-44-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8,9-HxCDD	19408-74-3	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8,9-HxCDF	72918-21-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8-PeCDD	40321-76-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8-PeCDF	57117-41-6	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,4,6,7,8-HxCDF	60851-34-5	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,4,7,8-PeCDF	57117-31-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,7,8-TCDF	51207-31-9	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	2,3,7,8-Tetrachlorodibenzo-p-Dioxin	1746-01-6	30	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	OCDD	3268-87-9	None	pg/L	< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U	
SW846 8290	OCDF	39001-02-0	None	pg/L	< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U	
SW846 8290	Total HpCDD	37871-00-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HpCDF	38998-75-3	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HxCDD	34465-46-8	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HxCDF	55684-94-1	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total PeCDD	36088-22-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total PeCDF	30402-15-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total TCDD	41903-57-5	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	Total TCDF	55722-27-5	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	

**Table 1
East Area Groundwater Data Summary (MW-02)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO**

				Well ID	MW-02		MW-02		MW-02		MW-02		MW-02		MW-02		MW-02		MW-02		MW-02		MW-02	
				Sample ID	MW-2-05122019		MW-2-20022020		MW-2-11062020		MW-2-24082020		MW-2-27082020		MW-2-17112020		MW-2-09032021		MW-2-24052021		MW-2-17082021		MW-2-02112021	
				Date	12/5/2019		2/20/2020		6/11/2020		8/24/2020		8/27/2020		11/17/2020		3/9/2021		5/24/2021		8/17/2021		11/2/2021	
				Sample Type	N		N		N		N		N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	< 0.20 U		< 0.20 U		< 0.21 U		< 0.20 U		< 0.20 U		< 0.20 U		< 0.20 U		< 0.20 U		< 0.21 U		< 0.20 U	

Notes:

- * Project Quantitation Limit Goals are analytical goals listed solely for the purpose of evaluating laboratory analytical methods and achievable laboratory limits; these are not project-specific screening levels and are not approved by USEPA or MDNR as the appropriate risk assessment values for this project. The risk assessment values will be developed in subsequent phases of the project.
- + MCL or RSL not established
- c USEPA Tapwater Regional Screening Level (cancer)
- n USEPA Tapwater Regional Screening Level (noncancer)
- a Regional Screening Level adjusted to 10⁻⁴
- No analysis performed.
- U The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
- J The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
- J- The result is an estimated quantity, but the result may be biased low.
- UJ The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

Table 1
East Area Groundwater Data Summary (MW-03)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Well ID		MW-03		MW-03		MW-03		MW-03		MW-03	
					Sample ID	Sample ID	MW-3-14122016	MW-3-14022017	MW-3-16052017	MW-3-15082017	MW-3-15112017	MW-3-20022018				
					Date	Date	12/14/2016	2/14/2017	5/16/2017	8/15/2017	11/15/2017	2/20/2018				
					Sample Type	Sample Type	N	N	N	N	N	N				
Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual			
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	0.93		0.75		1.6		1.3		1.7		1.5	
EPA 604.1	Hexachlorophene	70-30-4	6 ^{n,a}	ug/L	< 10.8 U		< 10.3 U		< 10.3 U		< 10 U		< 10.8 U		< 10.6 U	
EPA 8260B	1,1,1,2-Tetrachloroethane	630-20-6	0.57 ^c	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1,1-Trichloroethane	71-55-6	200	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1,2,2-Tetrachloroethane	79-34-5	7.6 ^{c,a}	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1,2-Trichloroethane	79-00-5	5	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1-Dichloroethane	75-34-3	2.8 ^c	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1-Dichloroethene	75-35-4	7	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1-Dichloropropene	563-58-6	None	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2,3-Trichlorobenzene	87-61-6	7 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2,3-Trichloropropane	96-18-4	0.075 ^{c,a}	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2,4-Trichlorobenzene	120-82-1	70	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2,4-Trimethylbenzene	95-63-6	15 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2-Dibromo-3-chloropropane	96-12-8	0.2	ug/L	< 0.5 U		< 0.5 U		< 0.50 U		< 0.5 U		< 0.5 U		< 2 U	
EPA 8260B	1,2-Dibromoethane	106-93-4	0.05	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2-Dichlorobenzene	95-50-1	600	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2-Dichloroethane	107-06-2	5	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2-Dichloroethene, Total	540-59-0	None	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2-Dichloropropane	78-87-5	5	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,3,5-Trimethylbenzene	108-67-8	120 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,3-Dichlorobenzene	541-73-1	None	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,3-Dichloropropane	142-28-9	370 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,4-Dichlorobenzene	106-46-7	75	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	2,2-Dichloropropane	594-20-7	None	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 2 U	
EPA 8260B	2-Butanone	78-93-3	5600 ⁿ	ug/L	< 2 U		< 2 U		< 2.0 U		< 2 U		< 2 U		< 5 U	
EPA 8260B	2-Chlorotoluene	95-49-8	240 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 1 U	
EPA 8260B	2-Hexanone	591-78-6	38 ⁿ	ug/L	< 2 U		< 2 U		< 2.0 U		< 2 U		< 2 U		< 5 U	
EPA 8260B	4-Chlorotoluene	106-43-4	250 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 1 U	
EPA 8260B	4-Methyl-2-pentanone	108-10-1	6300 ⁿ	ug/L	< 2 U		< 2 U		< 2.0 U		< 2 U		< 2 U		< 5 U	
EPA 8260B	Acetone	67-64-1	14000 ⁿ	ug/L	< 2.5 U		< 2.5 U		12.7	U	< 5 U		< 5 U		< 10 U	
EPA 8260B	Benzene	71-43-2	5	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Bromobenzene	108-86-1	62 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Bromochloromethane	74-97-5	83 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Bromodichloromethane	75-27-4	80	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Bromoform	75-25-2	80	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 2 U	
EPA 8260B	Bromomethane	74-83-9	7.5 ⁿ	ug/L	< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 5 U	
EPA 8260B	Carbon Disulfide	75-15-0	810 ⁿ	ug/L	< 0.5 U		< 0.5 U		< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U	

Table 1
East Area Groundwater Data Summary (MW-03)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

				Well ID	MW-03		MW-03		MW-03		MW-03		MW-03		MW-03	
				Sample ID	MW-3-14122016		MW-3-14022017		MW-3-16052017		MW-3-15082017		MW-3-15112017		MW-3-20022018	
				Date	12/14/2016		2/14/2017		5/16/2017		8/15/2017		11/15/2017		2/20/2018	
				Sample Type	N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8260B	Carbon Tetrachloride	56-23-5	5	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Chlorobenzene	108-90-7	100	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Chlorodibromomethane	124-48-1	80	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Chloroethane	75-00-3	21000 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 1 U	
EPA 8260B	Chloroform	67-66-3	80	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Chloromethane	74-87-3	190 ⁿ	ug/L	< 0.5 U		< 0.5 U		< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	cis-1,2-Dichloroethene	156-59-2	70	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	cis-1,3-Dichloropropene	10061-01-5	0.47	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Dibromomethane	74-95-3	8.3 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Dichlorodifluoromethane	75-71-8	200 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Ethylbenzene	100-41-4	700	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Fluorotrichloromethane	75-69-4	5200 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Hexachlorobutadiene	87-68-3	6.5	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Isopropylbenzene	98-82-8	450 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Methylene Chloride	75-09-2	5	ug/L	< 0.5 U		< 0.5 U		< 0.50 U		< 0.5 U		< 0.5 U		< 1 U	
EPA 8260B	Methyl-tert-butyl-ether	1634-04-4	14 ^c	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Naphthalene	91-20-3	6.1 ^{c,a}	ug/L	< 0.5 U		< 0.5 U		< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	n-Butylbenzene	104-51-8	1000 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	n-Propylbenzene	103-65-1	660 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	p-Isopropyltoluene	99-87-6	None	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	sec-Butylbenzene	135-98-8	2000 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Styrene	100-42-5	100	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	tert-Butylbenzene	98-06-6	690 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Tetrachloroethene	127-18-4	5	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Toluene	108-88-3	1000	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	trans-1,2-Dichloroethene	156-60-5	100	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	trans-1,3-Dichloropropene	10061-02-6	0.47	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Trichloroethene	79-01-6	5	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Vinyl Chloride	75-01-4	2	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Xylenes, Total	1330-20-7	10000	ug/L	< 0.2 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 1.5 U	
EPA 8270D	2,2'-oxybis(1-Chloropropane)	108-60-1	710 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	2,4,6-Trichlorophenol	88-06-2	4.1 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	2,4-Dichlorophenol	120-83-2	46 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	2,4-Dimethylphenol	105-67-9	360 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	2,4-Dinitrophenol	51-28-5	39 ⁿ	ug/L	< 2.7 U		< 2.8 U		< 2.7 U		< 2.7 U		< 2.6 U		< 2.5 U	
EPA 8270D	2,4-Dinitrotoluene	121-14-2	24 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	2,6-Dinitrotoluene	606-20-2	4.9 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	

Table 1
East Area Groundwater Data Summary (MW-03)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

				Well ID	MW-03		MW-03		MW-03		MW-03		MW-03		MW-03	
				Sample ID	MW-3-14122016	MW-3-14022017	MW-3-16052017	MW-3-15082017	MW-3-15112017	MW-3-20022018						
				Date	12/14/2016	2/14/2017	5/16/2017	8/15/2017	11/15/2017	2/20/2018						
				Sample Type	N	N	N	N	N	N						
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8270D	2-Chloronaphthalene	91-58-7	750 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	2-Chlorophenol	95-57-8	91 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	2-Methylnaphthalene	91-57-6	36 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	2-Methylphenol	95-48-7	930 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	2-Nitroaniline	88-74-4	190 ⁿ	ug/L	< 2.7 U		< 2.8 U		< 2.7 U		< 2.7 U		< 2.6 U		< 2.5 U	
EPA 8270D	2-Nitrophenol	88-75-5	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	3 & 4-Methylphenol	MEPH3MEPH4	930 ⁿ	ug/L	< 2.2 U		< 2.2 U		< 2.1 U		< 2.1 U		< 2.1 U		< 2 U	
EPA 8270D	3,3-Dichlorobenzidine	91-94-1	13 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	3-Nitroaniline	99-09-2	None	ug/L	< 2.7 U		< 2.8 U		< 2.7 U		< 2.7 U		< 2.6 U		< 2.5 U	
EPA 8270D	4,6-Dinitro-2-methylphenol	534-52-1	1.5 ^{n,a}	ug/L	< 2.7 U		< 2.8 U		< 2.7 U		< 2.7 U		< 2.6 U		< 2.5 U	
EPA 8270D	4-Bromophenyl Phenyl Ether	101-55-3	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	4-Chloro-3-methylphenol	59-50-7	1400 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	4-Chloroaniline	106-47-8	37 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	4-Chlorophenyl Phenyl Ether	7005-72-3	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	4-Nitroaniline	100-01-6	3.8 ^c	ug/L	< 2.7 U		< 2.8 U		< 2.7 U		< 2.7 U		< 2.6 U		< 2.5 U	
EPA 8270D	4-Nitrophenol	100-02-7	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Acenaphthene	83-32-9	530 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Acenaphthylene	208-96-8	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Aniline	62-53-3	13 ^c	ug/L	< 2.7 U		< 2.8 U		< 2.7 U		< 2.7 U		< 2.6 U		< 2.5 U	
EPA 8270D	Anthracene	120-12-7	1800 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Benzo(a)anthracene	56-55-3	1.2 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Benzo(a)pyrene	50-32-8	0.2	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Benzoic Acid	65-85-0	75000 ⁿ	ug/L	< 26.9 U		< 27.6 U		< 26.6 U		< 26.6 U		< 25.9 U		< 25 U	
EPA 8270D	bis(2-Chloroethyl)ether	111-44-4	0.014 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	bis(2-Ethylhexyl)phthalate	117-81-7	6	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Butylbenzylphthalate	85-68-7	16 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Chrysene	218-01-9	3.4 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Dibenzo(a,h)anthracene	53-70-3	0.34 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Dibenzofuran	132-64-9	7.9 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Diethylphthalate	84-66-2	15000 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Dimethylphthalate	131-11-3	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Di-n-butylphthalate	84-74-2	900 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Di-n-octylphthalate	117-84-0	200 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Fluoranthene	206-44-0	800 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Fluorene	86-73-7	290 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Hexachlorobenzene	118-74-1	1	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	

Table 1
East Area Groundwater Data Summary (MW-03)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

				Well ID	MW-03		MW-03		MW-03		MW-03		MW-03		MW-03	
				Sample ID	MW-3-14122016		MW-3-14022017		MW-3-16052017		MW-3-15082017		MW-3-15112017		MW-3-20022018	
				Date	12/14/2016		2/14/2017		5/16/2017		8/15/2017		11/15/2017		2/20/2018	
				Sample Type	N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8270D	Hexachlorocyclopentadiene	77-47-4	50	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Hexachloroethane	67-72-1	6.2 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Indeno(1,2,3-cd)pyrene	193-39-5	3.4 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Isophorone	78-59-1	78 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Nitrobenzene	98-95-3	13 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	N-Nitrosodi-n-propylamine	621-64-7	1.1 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	N-Nitrosodiphenylamine	86-30-6	12 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Pentachlorophenol	87-86-5	1	ug/L	< 2.7 U		< 2.8 U		< 2.7 U		< 2.7 U		< 2.6 U		< 2.5 U	
EPA 8270D	Phenanthrene	85-01-8	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Phenol	108-95-2	5800 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Pyrene	129-00-0	120 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U	
SW846 8290	1,2,3,4,6,7,8-HpCDD	35822-46-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,6,7,8-HpCDF	67562-39-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8,9-HpCDF	55673-89-7	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8-HxCDD	39227-28-6	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8-HxCDF	70648-26-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,6,7,8-HxCDD	57653-85-7	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,6,7,8-HxCDF	57117-44-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8,9-HxCDD	19408-74-3	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8,9-HxCDF	72918-21-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8-PeCDD	40321-76-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8-PeCDF	57117-41-6	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,4,6,7,8-HxCDF	60851-34-5	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,4,7,8-PeCDF	57117-31-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,7,8-TCDF	51207-31-9	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	2,3,7,8-Tetrachlorodibenzo-p-Dioxin	1746-01-6	30	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	OCDD	3268-87-9	None	pg/L	< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U	
SW846 8290	OCDF	39001-02-0	None	pg/L	< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U	
SW846 8290	Total HpCDD	37871-00-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HpCDF	38998-75-3	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HxCDD	34465-46-8	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HxCDF	55684-94-1	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total PeCDD	36088-22-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total PeCDF	30402-15-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total TCDD	41903-57-5	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	Total TCDF	55722-27-5	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	

Table 1
East Area Groundwater Data Summary (MW-03)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

				Well ID	MW-03	MW-03	MW-03	MW-03	MW-03	MW-03	MW-03	MW-03	MW-03	MW-03	MW-03	MW-03	MW-03	MW-03	MW-03	MW-03	MW-03	
				Sample ID	MW-3-09122019	MW-3-24022020	MW-3-15062020	MW-3-25082020	MW-3-17112020	MW-3-09032021	MW-3-04062021	MW-3-17082021	MW-3-04112021									
				Date	12/9/2019	2/24/2020	6/15/2020	8/25/2020	11/17/2020	3/9/2021	6/4/2021	8/17/2021	11/4/2021									
				Sample Type	N	N	N	N	N	N	N	N	N									
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	1.0		1.0		5.9		2.1		1.4		1.2		11.4		2.1		2.3	

Notes:

- * Project Quantitation Limit Goals are analytical goals listed solely for the purpose of evaluating laboratory analytical methods and achievable laboratory limits; these are not project-specific screening levels and are not approved by USEPA or MDNR as the appropriate risk assessment values for this project. The risk assessment values will be developed in subsequent phases of the project.
- + MCL or RSL not established
- c USEPA Tapwater Regional Screening Level (cancer)
- n USEPA Tapwater Regional Screening Level (noncancer)
- a Regional Screening Level adjusted to 10⁻⁴
- No analysis performed.
- U The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
- J The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
- J- The result is an estimated quantity, but the result may be biased low.
- UJ The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

Table 1
East Area Groundwater Data Summary (MW-04)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

				Well ID	MW-04		MW-04		MW-04		MW-04		MW-04		MW-04	
				Sample ID	MW-4-14122016		MW-4-14022017		MW-4-16052017		MW-4-17082017		MW-4-16112017		MW-4-20022018	
				Date	12/14/2016		2/14/2017		5/16/2017		8/17/2017		11/16/2017		2/20/2018	
				Sample Type	N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	0.54		0.97		374	J	8.7		0.25		3.9	
EPA 604.1	Hexachlorophene	70-30-4	6 ^{n,a}	ug/L	< 10.5 U	UJ	< 10.4 U		< 10.0 U		< 10 U		< 10.6 U		< 10 U	
EPA 8260B	1,1,1,2-Tetrachloroethane	630-20-6	0.57 ^c	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1,1-Trichloroethane	71-55-6	200	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1,2,2-Tetrachloroethane	79-34-5	7.6 ^{c,a}	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1,2-Trichloroethane	79-00-5	5	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1-Dichloroethane	75-34-3	2.8 ^c	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1-Dichloroethene	75-35-4	7	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1-Dichloropropene	563-58-6	None	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2,3-Trichlorobenzene	87-61-6	7 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2,3-Trichloropropane	96-18-4	0.075 ^{c,a}	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2,4-Trichlorobenzene	120-82-1	70	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2,4-Trimethylbenzene	95-63-6	15 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2-Dibromo-3-chloropropane	96-12-8	0.2	ug/L	< 0.5 U		< 0.5 U		< 0.50 U		< 0.5 U		< 0.5 U		< 2 U	
EPA 8260B	1,2-Dibromoethane	106-93-4	0.05	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2-Dichlorobenzene	95-50-1	600	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2-Dichloroethane	107-06-2	5	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2-Dichloroethene, Total	540-59-0	None	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2-Dichloropropane	78-87-5	5	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,3,5-Trimethylbenzene	108-67-8	120 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,3-Dichlorobenzene	541-73-1	None	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,3-Dichloropropane	142-28-9	370 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,4-Dichlorobenzene	106-46-7	75	ug/L	< 0.1 U		< 0.1 U		0.13		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	2,2-Dichloropropane	594-20-7	None	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 2 U	
EPA 8260B	2-Butanone	78-93-3	5600 ⁿ	ug/L	< 2 U		< 2 U		< 2.0 U		< 2 U		< 2 U		< 5 U	
EPA 8260B	2-Chlorotoluene	95-49-8	240 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 1 U	
EPA 8260B	2-Hexanone	591-78-6	38 ⁿ	ug/L	< 2 U		< 2 U		< 2.0 U		< 2 U		< 2 U		< 5 U	
EPA 8260B	4-Chlorotoluene	106-43-4	250 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 1 U	
EPA 8260B	4-Methyl-2-pentanone	108-10-1	6300 ⁿ	ug/L	< 2 U		< 2 U		< 2.0 U		< 2 U		< 2 U		< 5 U	
EPA 8260B	Acetone	67-64-1	14000 ⁿ	ug/L	< 2.5 U		< 2.5 U		13.4	U	< 5 U		< 5 U		< 10 U	
EPA 8260B	Benzene	71-43-2	5	ug/L	< 0.1 U		< 0.1 U		0.20		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Bromobenzene	108-86-1	62 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Bromochloromethane	74-97-5	83 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Bromodichloromethane	75-27-4	80	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Bromoform	75-25-2	80	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 2 U	
EPA 8260B	Bromomethane	74-83-9	7.5 ⁿ	ug/L	< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 5 U	
EPA 8260B	Carbon Disulfide	75-15-0	810 ⁿ	ug/L	< 0.5 U		< 0.5 U		< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U	

Table 1
East Area Groundwater Data Summary (MW-04)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

				Well ID	MW-04		MW-04		MW-04		MW-04		MW-04		MW-04	
				Sample ID	MW-4-14122016		MW-4-14022017		MW-4-16052017		MW-4-17082017		MW-4-16112017		MW-4-20022018	
				Date	12/14/2016		2/14/2017		5/16/2017		8/17/2017		11/16/2017		2/20/2018	
				Sample Type	N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8260B	Carbon Tetrachloride	56-23-5	5	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Chlorobenzene	108-90-7	100	ug/L	< 0.1 U		< 0.1 U		9.6		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Chlorodibromomethane	124-48-1	80	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Chloroethane	75-00-3	21000 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 1 U	
EPA 8260B	Chloroform	67-66-3	80	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Chloromethane	74-87-3	190 ⁿ	ug/L	< 0.5 U		< 0.5 U		< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	cis-1,2-Dichloroethene	156-59-2	70	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	cis-1,3-Dichloropropene	10061-01-5	0.47	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Dibromomethane	74-95-3	8.3 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Dichlorodifluoromethane	75-71-8	200 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Ethylbenzene	100-41-4	700	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Fluorotrichloromethane	75-69-4	5200 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Hexachlorobutadiene	87-68-3	6.5	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Isopropylbenzene	98-82-8	450 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Methylene Chloride	75-09-2	5	ug/L	< 0.5 U		< 0.5 U		< 0.50 U		< 0.5 U		< 0.5 U		< 1 U	
EPA 8260B	Methyl-tert-butyl-ether	1634-04-4	14 ^c	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Naphthalene	91-20-3	6.1 ^{c,a}	ug/L	< 0.5 U		< 0.5 U		< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	n-Butylbenzene	104-51-8	1000 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	n-Propylbenzene	103-65-1	660 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	p-Isopropyltoluene	99-87-6	None	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	sec-Butylbenzene	135-98-8	2000 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Styrene	100-42-5	100	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	tert-Butylbenzene	98-06-6	690 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Tetrachloroethene	127-18-4	5	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Toluene	108-88-3	1000	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	trans-1,2-Dichloroethene	156-60-5	100	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	trans-1,3-Dichloropropene	10061-02-6	0.47	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Trichloroethene	79-01-6	5	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Vinyl Chloride	75-01-4	2	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Xylenes, Total	1330-20-7	10000	ug/L	< 0.2 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 1.5 U	
EPA 8270D	2,2'-oxybis(1-Chloropropane)	108-60-1	710 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2,4,6-Trichlorophenol	88-06-2	4.1 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2,4-Dichlorophenol	120-83-2	46 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2,4-Dimethylphenol	105-67-9	360 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2,4-Dinitrophenol	51-28-5	39 ⁿ	ug/L	< 2.8 U		< 2.8 U		< 2.6 U		< 2.6 U		< 2.6 U		< 2.6 U	
EPA 8270D	2,4-Dinitrotoluene	121-14-2	24 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2,6-Dinitrotoluene	606-20-2	4.9 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	

Table 1
East Area Groundwater Data Summary (MW-04)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

				Well ID	MW-04		MW-04		MW-04		MW-04		MW-04		MW-04	
				Sample ID	MW-4-14122016	MW-4-14022017	MW-4-16052017	MW-4-17082017	MW-4-16112017	MW-4-20022018						
				Date	12/14/2016	2/14/2017	5/16/2017	8/17/2017	11/16/2017	2/20/2018						
				Sample Type	N	N	N	N	N	N						
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8270D	2-Chloronaphthalene	91-58-7	750 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2-Chlorophenol	95-57-8	91 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2-Methylnaphthalene	91-57-6	36 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2-Methylphenol	95-48-7	930 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2-Nitroaniline	88-74-4	190 ⁿ	ug/L	< 2.8 U		< 2.8 U		< 2.6 U		< 2.6 U		< 2.6 U		< 2.6 U	
EPA 8270D	2-Nitrophenol	88-75-5	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	3 & 4-Methylphenol	MEPH3MEPH4	930 ⁿ	ug/L	< 2.2 U		< 2.2 U		< 2.1 U		< 2.1 U		< 2.1 U		< 2 U	
EPA 8270D	3,3-Dichlorobenzidine	91-94-1	13 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	3-Nitroaniline	99-09-2	None	ug/L	< 2.8 U		< 2.8 U		< 2.6 U		< 2.6 U		< 2.6 U		< 2.6 U	
EPA 8270D	4,6-Dinitro-2-methylphenol	534-52-1	1.5 ^{n,a}	ug/L	< 2.8 U		< 2.8 U		< 2.6 U		< 2.6 U		< 2.6 U		< 2.6 U	
EPA 8270D	4-Bromophenyl Phenyl Ether	101-55-3	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	4-Chloro-3-methylphenol	59-50-7	1400 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	4-Chloroaniline	106-47-8	37 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	4-Chlorophenyl Phenyl Ether	7005-72-3	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	4-Nitroaniline	100-01-6	3.8 ^c	ug/L	< 2.8 U		< 2.8 U		< 2.6 U		< 2.6 U		< 2.6 U		< 2.6 U	
EPA 8270D	4-Nitrophenol	100-02-7	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Acenaphthene	83-32-9	530 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Acenaphthylene	208-96-8	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Aniline	62-53-3	13 ^c	ug/L	< 2.8 U		< 2.8 U		< 2.6 U		< 2.6 U		< 2.6 U		< 2.6 U	
EPA 8270D	Anthracene	120-12-7	1800 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Benzo(a)anthracene	56-55-3	1.2 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Benzo(a)pyrene	50-32-8	0.2	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Benzoic Acid	65-85-0	75000 ⁿ	ug/L	< 27.6 U		< 27.6 U		< 26.3 U		< 25.6 U		< 25.9 U		< 25.5 U	
EPA 8270D	bis(2-Chloroethyl)ether	111-44-4	0.014 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	bis(2-Ethylhexyl)phthalate	117-81-7	6	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Butylbenzylphthalate	85-68-7	16 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Chrysene	218-01-9	3.4 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Dibenzo(a,h)anthracene	53-70-3	0.34 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Dibenzofuran	132-64-9	7.9 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Diethylphthalate	84-66-2	15000 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Dimethylphthalate	131-11-3	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Di-n-butylphthalate	84-74-2	900 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Di-n-octylphthalate	117-84-0	200 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Fluoranthene	206-44-0	800 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Fluorene	86-73-7	290 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Hexachlorobenzene	118-74-1	1	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	

Table 1
East Area Groundwater Data Summary (MW-04)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

				Well ID	MW-04		MW-04		MW-04		MW-04		MW-04		MW-04	
				Sample ID	MW-4-14122016		MW-4-14022017		MW-4-16052017		MW-4-17082017		MW-4-16112017		MW-4-20022018	
				Date	12/14/2016		2/14/2017		5/16/2017		8/17/2017		11/16/2017		2/20/2018	
				Sample Type	N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8270D	Hexachlorocyclopentadiene	77-47-4	50	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Hexachloroethane	67-72-1	6.2 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Indeno(1,2,3-cd)pyrene	193-39-5	3.4 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Isophorone	78-59-1	78 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Nitrobenzene	98-95-3	13 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	N-Nitrosodi-n-propylamine	621-64-7	1.1 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	N-Nitrosodiphenylamine	86-30-6	12 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Pentachlorophenol	87-86-5	1	ug/L	< 2.8 U		< 2.8 U		< 2.6 U		< 2.6 U		< 2.6 U		< 2.6 U	
EPA 8270D	Phenanthrene	85-01-8	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Phenol	108-95-2	5800 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Pyrene	129-00-0	120 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
SW846 8290	1,2,3,4,6,7,8-HpCDD	35822-46-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,6,7,8-HpCDF	67562-39-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8,9-HpCDF	55673-89-7	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8-HxCDD	39227-28-6	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8-HxCDF	70648-26-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,6,7,8-HxCDD	57653-85-7	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,6,7,8-HxCDF	57117-44-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8,9-HxCDD	19408-74-3	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8,9-HxCDF	72918-21-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8-PeCDD	40321-76-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8-PeCDF	57117-41-6	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,4,6,7,8-HxCDF	60851-34-5	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,4,7,8-PeCDF	57117-31-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,7,8-TCDF	51207-31-9	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	2,3,7,8-Tetrachlorodibenzo-p-Dioxin	1746-01-6	30	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	OCDD	3268-87-9	None	pg/L	< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U	
SW846 8290	OCDF	39001-02-0	None	pg/L	< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U	
SW846 8290	Total HpCDD	37871-00-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HpCDF	38998-75-3	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HxCDD	34465-46-8	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HxCDF	55684-94-1	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total PeCDD	36088-22-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total PeCDF	30402-15-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total TCDD	41903-57-5	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	Total TCDF	55722-27-5	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	

**Table 1
East Area Groundwater Data Summary (MW-04)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO**

					MW-04		MW-04		MW-04		MW-04		MW-04		MW-04		MW-04		MW-04		MW-04			
					MW-4-09122019		MW-4-12122019		MW-4-25022020		MW-4-15062020		MW-4-26082020		MW-4-18112020		MW-4-10032021		MW-4-04062021		MW-4-19082021		MW-4-02112021	
					12/9/2019		12/12/2019		2/25/2020		6/15/2020		8/26/2020		11/18/2020		3/10/2021		6/4/2021		8/19/2021		11/2/2021	
					N		N		N		N		N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	12.6				22.7		26.3		0.46		0.27		4.7		183		0.73		240	
EPA 8260B	Chlorobenzene	108-90-7	100	ug/L			< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	

Notes:

- * Project Quantitation Limit Goals are analytical goals listed solely for the purpose of evaluating laboratory analytical methods and achievable laboratory limits; these are not project-specific screening levels and are not approved by USEPA or MDNR as the appropriate risk assessment values for this project. The risk assessment values will be developed in subsequent phases of the project.
- + MCL or RSL not established
- c USEPA Tapwater Regional Screening Level (cancer)
- n USEPA Tapwater Regional Screening Level (noncancer)
- a Regional Screening Level adjusted to 10⁻⁴
- No analysis performed.
- U The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
- J The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
- J- The result is an estimated quantity, but the result may be biased low.
- UJ The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

Table 1
East Area Groundwater Data Summary (MW-05)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Well ID		MW-05		MW-05		MW-05		MW-05		MW-05	
					Sample ID	MW-5-20122016	MW-5-17022017	MW-5-18052017	MW-5-16082017	MW-5-17112017	MW-5-22022018					
					Date	12/20/2016	2/17/2017	5/18/2017	8/16/2017	11/17/2017	2/22/2018					
					Sample Type	N	N	N	N	N	N					
					Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	409		260		268	J-	136	J	297		255	
EPA 604.1	Hexachlorophene	70-30-4	6 ^{n,a}	ug/L	< 11.0 U		< 10 U		< 10.2 U		< 10 U		< 10.5 U		< 10 U	
EPA 8260B	1,1,1,2-Tetrachloroethane	630-20-6	0.57 ^c	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1,1-Trichloroethane	71-55-6	200	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1,2,2-Tetrachloroethane	79-34-5	7.6 ^{c,a}	ug/L	< 0.10 U		< 0.1 U	UJ	< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1,2-Trichloroethane	79-00-5	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1-Dichloroethane	75-34-3	2.8 ^c	ug/L	< 0.10 U		< 0.1 U	UJ	< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1-Dichloroethene	75-35-4	7	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1-Dichloropropene	563-58-6	None	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,3-Trichlorobenzene	87-61-6	7 ⁿ	ug/L	< 0.10 U		< 0.1 U	UJ	< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,3-Trichloropropane	96-18-4	0.075 ^{c,a}	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,4-Trichlorobenzene	120-82-1	70	ug/L	< 0.10 U		< 0.1 U	UJ	< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,4-Trimethylbenzene	95-63-6	15 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dibromo-3-chloropropane	96-12-8	0.2	ug/L	< 0.50 U		< 0.5 U	UJ	< 0.50 U		< 0.5 U		< 2 U		< 2 U	
EPA 8260B	1,2-Dibromoethane	106-93-4	0.05	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichlorobenzene	95-50-1	600	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichloroethane	107-06-2	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichloroethene, Total	540-59-0	None	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichloropropane	78-87-5	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,3,5-Trimethylbenzene	108-67-8	120 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,3-Dichlorobenzene	541-73-1	None	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,3-Dichloropropane	142-28-9	370 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,4-Dichlorobenzene	106-46-7	75	ug/L	< 0.10 U		< 0.1 U		0.14		0.13		< 0.5 U		< 0.5 U	
EPA 8260B	2,2-Dichloropropane	594-20-7	None	ug/L	< 0.10 U		< 0.1 U	UJ	< 0.10 U		< 0.1 U		< 2 U		< 2 U	
EPA 8260B	2-Butanone	78-93-3	5600 ⁿ	ug/L	< 2.0 U		< 2 U	UJ	< 2.0 U		< 2 U		< 5 U		< 5 U	
EPA 8260B	2-Chlorotoluene	95-49-8	240 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 1 U		< 1 U	
EPA 8260B	2-Hexanone	591-78-6	38 ⁿ	ug/L	< 2.0 U		< 2 U		< 2.0 U		< 2 U		< 5 U		< 5 U	
EPA 8260B	4-Chlorotoluene	106-43-4	250 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 1 U		< 1 U	
EPA 8260B	4-Methyl-2-pentanone	108-10-1	6300 ⁿ	ug/L	< 2.0 U		< 2 U		< 2.0 U		< 2 U		< 5 U		< 5 U	
EPA 8260B	Acetone	67-64-1	14000 ⁿ	ug/L	< 2.5 U		< 2.5 U		5.5	U	< 5 U	U	< 10 U		< 10 U	
EPA 8260B	Benzene	71-43-2	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromobenzene	108-86-1	62 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromochloromethane	74-97-5	83 ⁿ	ug/L	< 0.10 U		< 0.1 U	UJ	< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromodichloromethane	75-27-4	80	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromoform	75-25-2	80	ug/L	< 0.10 U		< 0.1 U	UJ	< 0.10 U		< 0.1 U		< 2 U		< 2 U	
EPA 8260B	Bromomethane	74-83-9	7.5 ⁿ	ug/L	< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 20 U		< 5 U	
EPA 8260B	Carbon Disulfide	75-15-0	810 ⁿ	ug/L	< 0.50 U		< 0.5 U		< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U	

Table 1
East Area Groundwater Data Summary (MW-05)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

				Well ID	MW-05		MW-05		MW-05		MW-05		MW-05		MW-05	
				Sample ID	MW-5-20122016	MW-5-17022017	MW-5-18052017	MW-5-16082017	MW-5-17112017	MW-5-22022018						
				Date	12/20/2016	2/17/2017	5/18/2017	8/16/2017	11/17/2017	2/22/2018						
				Sample Type	N	N	N	N	N	N						
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8260B	Carbon Tetrachloride	56-23-5	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Chlorobenzene	108-90-7	100	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Chlorodibromomethane	124-48-1	80	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Chloroethane	75-00-3	21000 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 2 U		< 1 U	
EPA 8260B	Chloroform	67-66-3	80	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Chloromethane	74-87-3	190 ⁿ	ug/L	< 0.50 U		< 0.5 U		< 0.50 U		< 0.5 U	U	< 0.5 U		< 0.5 U	
EPA 8260B	cis-1,2-Dichloroethene	156-59-2	70	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	cis-1,3-Dichloropropene	10061-01-5	0.47	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Dibromomethane	74-95-3	8.3 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Dichlorodifluoromethane	75-71-8	200 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Ethylbenzene	100-41-4	700	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Fluorotrichloromethane	75-69-4	5200 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Hexachlorobutadiene	87-68-3	6.5	ug/L	< 0.10 U		< 0.1 U	UJ	< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Isopropylbenzene	98-82-8	450 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Methylene Chloride	75-09-2	5	ug/L	< 0.50 U		< 0.5 U		< 0.50 U		< 0.5 U		< 5 U		< 1 U	
EPA 8260B	Methyl-tert-butyl-ether	1634-04-4	14 ^c	ug/L	< 0.10 U		< 0.1 U	UJ	< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Naphthalene	91-20-3	6.1 ^{c,a}	ug/L	< 0.50 U		< 0.5 U	UJ	< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	n-Butylbenzene	104-51-8	1000 ⁿ	ug/L	< 0.10 U		< 0.1 U	UJ	< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	n-Propylbenzene	103-65-1	660 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	p-Isopropyltoluene	99-87-6	None	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	sec-Butylbenzene	135-98-8	2000 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Styrene	100-42-5	100	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	tert-Butylbenzene	98-06-6	690 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Tetrachloroethene	127-18-4	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Toluene	108-88-3	1000	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	trans-1,2-Dichloroethene	156-60-5	100	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	trans-1,3-Dichloropropene	10061-02-6	0.47	ug/L	< 0.10 U		< 0.1 U	UJ	< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Trichloroethene	79-01-6	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Vinyl Chloride	75-01-4	2	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Xylenes, Total	1330-20-7	10000	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 1.5 U		< 1.5 U	
EPA 8270D	2,2'-oxybis(1-Chloropropane)	108-60-1	710 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2,4,6-Trichlorophenol	88-06-2	4.1 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2,4-Dichlorophenol	120-83-2	46 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2,4-Dimethylphenol	105-67-9	360 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2,4-Dinitrophenol	51-28-5	39 ⁿ	ug/L	< 2.8 U		< 2.8 U		< 2.7 U		< 2.6 U		< 2.6 U		< 2.6 U	
EPA 8270D	2,4-Dinitrotoluene	121-14-2	24 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2,6-Dinitrotoluene	606-20-2	4.9 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	

Table 1
East Area Groundwater Data Summary (MW-05)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

				Well ID	MW-05		MW-05		MW-05		MW-05		MW-05		MW-05	
				Sample ID	MW-5-20122016		MW-5-17022017		MW-5-18052017		MW-5-16082017		MW-5-17112017		MW-5-22022018	
				Date	12/20/2016		2/17/2017		5/18/2017		8/16/2017		11/17/2017		2/22/2018	
				Sample Type	N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8270D	2-Chloronaphthalene	91-58-7	750 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2-Chlorophenol	95-57-8	91 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2-Methylnaphthalene	91-57-6	36 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2-Methylphenol	95-48-7	930 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2-Nitroaniline	88-74-4	190 ⁿ	ug/L	< 2.8 U		< 2.8 U		< 2.7 U		< 2.6 U		< 2.6 U		< 2.6 U	
EPA 8270D	2-Nitrophenol	88-75-5	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	3 & 4-Methylphenol	MEPH3MEPH4	930 ⁿ	ug/L	< 2.2 U		< 2.2 U		< 2.2 U		< 2.1 U		< 2.1 U		< 2.1 U	
EPA 8270D	3,3-Dichlorobenzidine	91-94-1	13 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	3-Nitroaniline	99-09-2	None	ug/L	< 2.8 U		< 2.8 U		< 2.7 U		< 2.6 U		< 2.6 U		< 2.6 U	
EPA 8270D	4,6-Dinitro-2-methylphenol	534-52-1	1.5 ^{n,a}	ug/L	< 2.8 U		< 2.8 U		< 2.7 U		< 2.6 U		< 2.6 U		< 2.6 U	
EPA 8270D	4-Bromophenyl Phenyl Ether	101-55-3	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	4-Chloro-3-methylphenol	59-50-7	1400 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	4-Chloroaniline	106-47-8	37 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	4-Chlorophenyl Phenyl Ether	7005-72-3	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	4-Nitroaniline	100-01-6	3.8 ^c	ug/L	< 2.8 U		< 2.8 U		< 2.7 U		< 2.6 U		< 2.6 U		< 2.6 U	
EPA 8270D	4-Nitrophenol	100-02-7	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Acenaphthene	83-32-9	530 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Acenaphthylene	208-96-8	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Aniline	62-53-3	13 ^c	ug/L	< 2.8 U		< 2.8 U		< 2.7 U		< 2.6 U		< 2.6 U		< 2.6 U	
EPA 8270D	Anthracene	120-12-7	1800 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Benzo(a)anthracene	56-55-3	1.2 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Benzo(a)pyrene	50-32-8	0.2	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Benzoic Acid	65-85-0	75000 ⁿ	ug/L	< 27.6 U		< 28.1 U		< 27.5 U		< 25.8 U		< 25.8 U		< 26 U	
EPA 8270D	bis(2-Chloroethyl)ether	111-44-4	0.014 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	bis(2-Ethylhexyl)phthalate	117-81-7	6	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Butylbenzylphthalate	85-68-7	16 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Chrysene	218-01-9	3.4 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Dibenzo(a,h)anthracene	53-70-3	0.34 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Dibenzofuran	132-64-9	7.9 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Diethylphthalate	84-66-2	15000 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Dimethylphthalate	131-11-3	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Di-n-butylphthalate	84-74-2	900 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Di-n-octylphthalate	117-84-0	200 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Fluoranthene	206-44-0	800 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Fluorene	86-73-7	290 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Hexachlorobenzene	118-74-1	1	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	

Table 1
East Area Groundwater Data Summary (MW-05)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

				Well ID	MW-05		MW-05		MW-05		MW-05		MW-05		MW-05	
				Sample ID	MW-5-20122016		MW-5-17022017		MW-5-18052017		MW-5-16082017		MW-5-17112017		MW-5-22022018	
				Date	12/20/2016		2/17/2017		5/18/2017		8/16/2017		11/17/2017		2/22/2018	
				Sample Type	N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8270D	Hexachlorocyclopentadiene	77-47-4	50	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Hexachloroethane	67-72-1	6.2 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Indeno(1,2,3-cd)pyrene	193-39-5	3.4 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Isophorone	78-59-1	78 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Nitrobenzene	98-95-3	13 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	N-Nitrosodi-n-propylamine	621-64-7	1.1 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	N-Nitrosodiphenylamine	86-30-6	12 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Pentachlorophenol	87-86-5	1	ug/L	< 2.8 U		< 2.8 U		< 2.7 U		< 2.6 U		< 2.6 U		< 2.6 U	
EPA 8270D	Phenanthrene	85-01-8	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Phenol	108-95-2	5800 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Pyrene	129-00-0	120 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
SW846 8290	1,2,3,4,6,7,8-HpCDD	35822-46-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,6,7,8-HpCDF	67562-39-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8,9-HpCDF	55673-89-7	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8-HxCDD	39227-28-6	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8-HxCDF	70648-26-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,6,7,8-HxCDD	57653-85-7	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,6,7,8-HxCDF	57117-44-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8,9-HxCDD	19408-74-3	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8,9-HxCDF	72918-21-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8-PeCDD	40321-76-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8-PeCDF	57117-41-6	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,4,6,7,8-HxCDF	60851-34-5	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,4,7,8-PeCDF	57117-31-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,7,8-TCDF	51207-31-9	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	2,3,7,8-Tetrachlorodibenzo-p-Dioxin	1746-01-6	30	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 26 U	
SW846 8290	OCDD	3268-87-9	None	pg/L	< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U	
SW846 8290	OCDF	39001-02-0	None	pg/L	< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U	
SW846 8290	Total HpCDD	37871-00-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HpCDF	38998-75-3	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HxCDD	34465-46-8	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HxCDF	55684-94-1	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total PeCDD	36088-22-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total PeCDF	30402-15-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total TCDD	41903-57-5	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	Total TCDF	55722-27-5	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	

Table 1
East Area Groundwater Data Summary (MW-05)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

					MW-05		MW-05		MW-05		MW-05		MW-05		MW-05		MW-05		MW-05		MW-05	
					MW-5-11122019		MW-5-25022020		MW-5-16062020		MW-5-26082020		MW-5-18112020		MW-5-22032021		MW-5-26052021		MW-5-18082021		MW-5-03112021	
					12/11/2019		2/25/2020		6/16/2020		8/26/2020		11/18/2020		3/22/2021		5/26/2021		8/18/2021		11/3/2021	
					N		N		N		N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	96.0		103		73.6		76.0		123		69.6		85.4		69.1		44.9	

Notes:

- * Project Quantitation Limit Goals are analytical goals listed solely for the purpose of evaluating laboratory analytical methods and achievable laboratory limits; these are not project-specific screening levels and are not approved by USEPA or MDNR as the appropriate risk assessment values for this project. The risk assessment values will be developed in subsequent phases of the project.
- + MCL or RSL not established
- c USEPA Tapwater Regional Screening Level (cancer)
- n USEPA Tapwater Regional Screening Level (noncancer)
- a Regional Screening Level adjusted to 10⁻⁴
- No analysis performed.
- U The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
- J The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
- J- The result is an estimated quantity, but the result may be biased low.
- UJ The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

Table 1
East Area Groundwater Data Summary (MW-06)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Well ID																													
					MW-06		MW-06		MW-06		MW-06		MW-06		MW-06		MW-06		MW-06		MW-06		MW-06		MW-06		MW-06		MW-06					
					Sample ID		Sample ID		Sample ID		Sample ID		Sample ID		Sample ID		Sample ID		Sample ID		Sample ID		Sample ID		Sample ID		Sample ID		Sample ID		Sample ID		Sample ID	
					Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date
					N	FD	N	FD	N	FD	N	FD	N	FD	N	FD	N	FD	N	FD	N	FD	N	FD	N	FD	N	FD						
Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual					
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	632	J	635		710	J	648		556	J	643		338	J-	315	J-	337	J	353		524		495							
EPA 604.1	Hexachlorophene	70-30-4	6 ^{n,a}	ug/L	< 10.9 U		< 10.5 U		< 13 U		< 10 U		< 10.2 U		< 10.1 U		< 10 U		< 10 U		< 10.5 U		< 11 U		< 10 U		< 11 U							
EPA 8260B	1,1,1,2-Tetrachloroethane	630-20-6	0.57 ^c	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U							
EPA 8260B	1,1,1-Trichloroethane	71-55-6	200	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U							
EPA 8260B	1,1,2,2-Tetrachloroethane	79-34-5	7.6 ^{c,a}	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U							
EPA 8260B	1,1,2-Trichloroethane	79-00-5	5	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U							
EPA 8260B	1,1-Dichloroethane	75-34-3	2.8 ^c	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U							
EPA 8260B	1,1-Dichloroethene	75-35-4	7	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U							
EPA 8260B	1,1-Dichloropropene	563-58-6	None	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	UJ	< 0.5 U							
EPA 8260B	1,2,3-Trichlorobenzene	87-61-6	7 ⁿ	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U							
EPA 8260B	1,2,3-Trichloropropane	96-18-4	0.075 ^{c,a}	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U							
EPA 8260B	1,2,4-Trichlorobenzene	120-82-1	70	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U							
EPA 8260B	1,2,4-Trimethylbenzene	95-63-6	15 ⁿ	ug/L	< 0.4 U		< 0.4 U		0.71		0.69		1		1		0.72		0.73		0.56		< 0.5 U		0.88		0.78							
EPA 8260B	1,2-Dibromo-3-chloropropane	96-12-8	0.2	ug/L	< 2 U		< 2 U		< 0.5 U		< 0.5 U		< 0.50 U		< 0.50 U		< 2 U		< 2 U		< 2 U		< 2 U		< 2 U		< 2 U							
EPA 8260B	1,2-Dibromoethane	106-93-4	0.05	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U							
EPA 8260B	1,2-Dichlorobenzene	95-50-1	600	ug/L	< 0.4 U		< 0.4 U		0.35		0.33		0.3		0.28		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U							
EPA 8260B	1,2-Dichloroethane	107-06-2	5	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U							
EPA 8260B	1,2-Dichloroethene, Total	540-59-0	None	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U							
EPA 8260B	1,2-Dichloropropane	78-87-5	5	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U							
EPA 8260B	1,3,5-Trimethylbenzene	108-67-8	120 ⁿ	ug/L	< 0.4 U		< 0.4 U		0.12		0.11		0.18		0.17		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	UJ	< 0.5 U							
EPA 8260B	1,3-Dichlorobenzene	541-73-1	None	ug/L	2		2		2.2		2.2		1.1		1.1		0.87		0.92		1		0.98		1.6		1.6							
EPA 8260B	1,3-Dichloropropane	142-28-9	370 ⁿ	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U							
EPA 8260B	1,4-Dichlorobenzene	106-46-7	75	ug/L	5.1		5		6.7		6.6		6.4		6.1		5.6		5.8		6.9		6.9		10.9		10.3							
EPA 8260B	2,2-Dichloropropane	594-20-7	None	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 2 U		< 2 U		< 2 U		< 2 U		< 2 U		< 2 U							
EPA 8260B	2-Butanone	78-93-3	5600 ⁿ	ug/L	< 8 U		< 8 U		3.3		3.4		< 2.0 U		< 2.0 U		< 5 U		< 5 U		< 5 U		< 5 U		< 5 U		< 5 U							
EPA 8260B	2-Chlorotoluene	95-49-8	240 ⁿ	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1 U							
EPA 8260B	2-Hexanone	591-78-6	38 ⁿ	ug/L	< 8 U		< 8 U		< 2 U		< 2 U		< 2.0 U		< 2.0 U		< 5 U		< 5 U		< 5 U		< 5 U		< 5 U		< 5 U							
EPA 8260B	4-Chlorotoluene	106-43-4	250 ⁿ	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1 U							
EPA 8260B	4-Methyl-2-pentanone	108-10-1	6300 ⁿ	ug/L	< 8 U		< 8 U		< 2 U		< 2 U		< 2.0 U		< 2.0 U		< 5 U		< 5 U		< 5 U		< 5 U		< 5 U		< 5 U							
EPA 8260B	Acetone	67-64-1	14000 ⁿ	ug/L	< 10 U		< 10 U		< 2.5 U		< 2.5 U		13.6	U	24.5	U	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U							
EPA 8260B	Benzene	71-43-2	5	ug/L	1.1		1.2		1.6		1.7		2.7		2.7		2.9		2.8		2.8		2.7		3.6		3.5							
EPA 8260B	Bromobenzene	108-86-1	62 ⁿ	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U							
EPA 8260B	Bromochloromethane	74-97-5	83 ⁿ	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U							
EPA 8260B	Bromodichloromethane	75-27-4	80	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U							
EPA 8260B	Bromoform	75-25-2	80	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.5 U		< 0.5 U		< 2 U		< 2 U		< 2 U		< 2 U							
EPA 8260B	Bromomethane	74-83-9	7.5 ⁿ	ug/L	< 10 U		< 10 U		< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 20 U		< 20 U		< 20 U		< 20 U		< 5 U		< 5 U							
EPA 8260B	Carbon Disulfide	75-15-0	810 ⁿ	ug/L	< 2 U		< 2 U		< 0.5 U		< 0.5 U		< 0.50 U		< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	UJ	< 0.5 U							
EPA 8260B	Carbon Tetrachloride	56-23-5	5	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U							
EPA 8260B	Chlorobenzene	108-90-7	100	ug/L	< 0.4 U	UJ	88	J	94.6		93.5		91.4		89.7		119	J-	118		114		113		157		157							
EPA 8260B	Chlorodibromomethane	124-48-1	80	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U							
EPA 8260B	Chloroethane	75-00-3	21000 ⁿ	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 2 U		< 2 U		< 2 U		< 2 U		< 1 U		< 1 U							
EPA 8260B	Chloroform	67-66-3	80	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U							
EPA 8260B	Chloromethane	74-87-3	190 ⁿ	ug/L	< 2 U		< 2 U		< 0.5 U		< 0.5 U		< 0.50 U		< 0.50 U		< 2 U		< 2 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U							
EPA 8260B	cis-1,2-Dichloroethene	156-59-2	70	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U							
EPA 8260B	cis-1,3-Dichloropropene	10061-01-5	0.47	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U							

Table 1
East Area Groundwater Data Summary (MW-06)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

Well ID				MW-06		MW-06		MW-06		MW-06		MW-06		MW-06		MW-06		MW-06		MW-06		MW-06		MW-06		MW-06					
				Sample ID		DUP-02-		MW-6-		MW-DUP02-		MW-6-		MW-DUP02-		MW-6-		MW-DUP02-		MW-6-		MW-DUP02-		MW-6-		MW-DUP02-		MW-6-		MW-DUP02-	
				22122016		22122016		16022017		16022017		18052017		18052017		17082017		17082017		17112017		17112017		23022018		23022018		23022018		23022018	
Sample Type				N		FD		N		FD		N		FD		N		FD		N		FD		N		FD		N		FD	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual			
EPA 8260B	Dibromomethane	74-95-3	8.3 ⁿ	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		
EPA 8260B	Dichlorodifluoromethane	75-71-8	200 ⁿ	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		
EPA 8260B	Ethylbenzene	100-41-4	700	ug/L	< 0.4 U		< 0.4 U		0.72		0.73		1.4		1.4		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		
EPA 8260B	Fluorotrichloromethane	75-69-4	5200 ⁿ	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		
EPA 8260B	Hexachlorobutadiene	87-68-3	6.5	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		
EPA 8260B	Isopropylbenzene	98-82-8	450 ⁿ	ug/L	0.65		0.65		0.77		0.75		0.7		0.68		0.6		0.61		0.65		0.6		1.1	J	1		1		
EPA 8260B	Methylene Chloride	75-09-2	5	ug/L	< 2 U		< 2 U		< 0.5 U		< 0.5 U		< 0.50 U		< 0.50 U		< 5 U		< 5 U		< 5 U		< 5 U		< 5 U		< 5 U		< 1 U		
EPA 8260B	Methyl-tert-butyl-ether	1634-04-4	14 ^c	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		
EPA 8260B	Naphthalene	91-20-3	6.1 ^{c,a}	ug/L	< 2 U		< 2 U		< 0.5 U		< 0.5 U		< 0.50 U		< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		
EPA 8260B	n-Butylbenzene	104-51-8	1000 ⁿ	ug/L	0.44		0.46		0.5		0.5		0.69		0.72		0.67		0.59		0.61		0.57		1		0.99		1		
EPA 8260B	n-Propylbenzene	103-65-1	660 ⁿ	ug/L	< 0.4 U		< 0.4 U		0.3		0.29		0.3		0.29		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		
EPA 8260B	p-Isopropyltoluene	99-87-6	None	ug/L	< 0.4 U		< 0.4 U		0.41		0.38		0.1		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		
EPA 8260B	sec-Butylbenzene	135-98-8	2000 ⁿ	ug/L	0.41		0.41		0.51		0.5		0.47		0.47		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		0.53		0.51		
EPA 8260B	Styrene	100-42-5	100	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		
EPA 8260B	tert-Butylbenzene	98-06-6	690 ⁿ	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	UJ	< 0.5 U		
EPA 8260B	Tetrachloroethene	127-18-4	5	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		
EPA 8260B	Toluene	108-88-3	1000	ug/L	< 0.4 U		< 0.4 U		0.47		0.47		0.38		0.39		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		0.86		0.89		
EPA 8260B	trans-1,2-Dichloroethene	156-60-5	100	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		
EPA 8260B	trans-1,3-Dichloropropene	10061-02-6	0.47	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		
EPA 8260B	Trichloroethene	79-01-6	5	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		
EPA 8260B	Vinyl Chloride	75-01-4	2	ug/L	< 0.4 U		< 0.4 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		
EPA 8260B	Xylenes, Total	1330-20-7	10000	ug/L	7.7		7.9		18.1		17.9		30.6		29.6		9.6		9.5		6.2		5.2		12.1		11.6		11.6		
EPA 8270D	2,2'-oxybis(1-Chloropropane)	108-60-1	710 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		
EPA 8270D	2,4,6-Trichlorophenol	88-06-2	4.1 ^c	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		
EPA 8270D	2,4-Dichlorophenol	120-83-2	46 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		
EPA 8270D	2,4-Dimethylphenol	105-67-9	360 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		
EPA 8270D	2,4-Dinitrophenol	51-28-5	39 ⁿ	ug/L	< 2.8 U		< 2.6 U		< 2.7 U		< 2.7 U		< 2.5 U		< 2.5 U		< 2.7 U		< 2.6 U		< 2.6 U		< 2.6 U		< 2.6 U		< 2.7 U		< 2.6 U		
EPA 8270D	2,4-Dinitrotoluene	121-14-2	24 ^{c,a}	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		
EPA 8270D	2,6-Dinitrotoluene	606-20-2	4.9 ^{c,a}	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		
EPA 8270D	2-Chloronaphthalene	91-58-7	750 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		
EPA 8270D	2-Chlorophenol	95-57-8	91 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		1.3		1.3		< 1 U		1.1		1.2		1.1		1.1		
EPA 8270D	2-Methylnaphthalene	91-57-6	36 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		
EPA 8270D	2-Methylphenol	95-48-7	930 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		
EPA 8270D	2-Nitroaniline	88-74-4	190 ⁿ	ug/L	< 2.8 U		< 2.6 U		< 2.7 U		< 2.7 U		< 2.5 U		< 2.5 U		< 2.7 U		< 2.6 U		< 2.6 U		< 2.6 U		< 2.6 U		< 2.7 U		< 2.6 U		
EPA 8270D	2-Nitrophenol	88-75-5	None	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		
EPA 8270D	3 & 4-Methylphenol	MEPH3MEPH4	930 ⁿ	ug/L	< 2.2 U		< 2.1 U		< 2.2 U		< 2.2 U		< 2.0 U		< 2.0 U		< 2.2 U		< 2.1 U		< 2.1 U		< 2.1 U		< 2.1 U		< 2.2 U		< 2.1 U		
EPA 8270D	3,3-Dichlorobenzidine	91-94-1	13 ^{c,a}	ug/L	< 1.1 U	UJ	< 1 U		< 1.1 U		< 1.1 U		< 1.0 U	UJ	< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		
EPA 8270D	3-Nitroaniline	99-09-2	None	ug/L	< 2.8 U		< 2.6 U		< 2.7 U		< 2.7 U		< 2.5 U		< 2.5 U		< 2.7 U		< 2.6 U		< 2.6 U		< 2.6 U		< 2.6 U		< 2.7 U		< 2.6 U		
EPA 8270D	4,6-Dinitro-2-methylphenol	534-52-1	1.5 ^{n,a}	ug/L	< 2.8 U		< 2.6 U		< 2.7 U		< 2.7 U		< 2.5 U		< 2.5 U		< 2.7 U		< 2.6 U		< 2.6 U		< 2.6 U		< 2.6 U		< 2.7 U		< 2.6 U		
EPA 8270D	4-Bromophenyl Phenyl Ether	101-55-3	None	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		
EPA 8270D	4-Chloro-3-methylphenol	59-50-7	1400 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		
EPA 8270D	4-Chloroaniline	106-47-8	37 ^{c,a}	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		
EPA 8270D	4-Chlorophenyl Phenyl Ether	7005-72-3	None	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		
EPA 8270D	4-Nitroaniline	100-01-6	3.8 ^c	ug/L	< 2.8 U		< 2.6 U		< 2.7 U		< 2.7 U																				

**Table 1
East Area Groundwater Data Summary (MW-06)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO**

Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Well ID		MW-06		MW-06		MW-06		MW-06		MW-06		MW-06		MW-06		MW-06		MW-06		MW-06		MW-06									
					Sample ID	Date	Sample Type	Sample ID	Date	Sample Type	Sample ID	Date	Sample Type	Sample ID	Date	Sample Type	Sample ID	Date	Sample Type	Sample ID	Date	Sample Type	Sample ID	Date	Sample Type	Sample ID	Date	Sample Type	Sample ID	Date	Sample Type	Sample ID	Date	Sample Type		
					MW-6-22122016	22122016	N	DUP-02-22122016	12/22/2016	FD	MW-6-16022017	2/16/2017	N	MW-DUP02-16022017	2/16/2017	FD	MW-6-18052017	5/18/2017	N	MW-DUP02-18052017	5/18/2017	FD	MW-6-17082017	8/17/2017	N	MW-DUP02-17082017	8/17/2017	FD	MW-6-17112017	11/17/2017	N	MW-DUP02-17112017	11/17/2017	FD		
					Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8270D	4-Nitrophenol	100-02-7	None	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.1 U					
EPA 8270D	Acenaphthene	83-32-9	530 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.1 U					
EPA 8270D	Acenaphthylene	208-96-8	None	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.1 U					
EPA 8270D	Aniline	62-53-3	13 ^c	ug/L	< 2.8 U		< 2.6 U		< 2.7 U		< 2.7 U		< 2.5 U		< 2.5 U		< 2.7 U		< 2.6 U		< 2.6 U		< 2.6 U		< 2.6 U		< 2.7 U		< 2.6 U		< 2.6 U					
EPA 8270D	Anthracene	120-12-7	1800 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.1 U					
EPA 8270D	Benzo(a)anthracene	56-55-3	1.2 ^{c,a}	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.1 U					
EPA 8270D	Benzo(a)pyrene	50-32-8	0.2	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.1 U					
EPA 8270D	Benzoic Acid	65-85-0	75000 ⁿ	ug/L	< 27.6 U		< 25.6 U		< 26.9 U		< 27 U		< 25.4 U		< 25.4 U		< 26.9 U		< 26 U		< 26 U		< 26 U		< 26 U		< 27.5 U		< 26.3 U		< 26.3 U					
EPA 8270D	bis(2-Chloroethyl)ether	111-44-4	0.014 ^c	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.1 U					
EPA 8270D	bis(2-Ethylhexyl)phthalate	117-81-7	6	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.1 U					
EPA 8270D	Butylbenzylphthalate	85-68-7	16 ^c	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.1 U					
EPA 8270D	Chrysene	218-01-9	3.4 ^c	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.1 U					
EPA 8270D	Dibenzo(a,h)anthracene	53-70-3	0.34 ^{c,a}	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.1 U					
EPA 8270D	Dibenzofuran	132-64-9	7.9 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.1 U					
EPA 8270D	Diethylphthalate	84-66-2	15000 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.1 U					
EPA 8270D	Dimethylphthalate	131-11-3	None	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.1 U					
EPA 8270D	Di-n-butylphthalate	84-74-2	900 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.1 U					
EPA 8270D	Di-n-octylphthalate	117-84-0	200 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.1 U					
EPA 8270D	Fluoranthene	206-44-0	800 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.1 U					
EPA 8270D	Fluorene	86-73-7	290 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.1 U					
EPA 8270D	Hexachlorobenzene	118-74-1	1	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.1 U					
EPA 8270D	Hexachlorocyclopentadiene	77-47-4	50	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.1 U					
EPA 8270D	Hexachloroethane	67-72-1	6.2 ^{c,a}	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.1 U					
EPA 8270D	Indeno(1,2,3-cd)pyrene	193-39-5	3.4 ^{c,a}	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.1 U					
EPA 8270D	Isophorone	78-59-1	78 ^c	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.1 U					
EPA 8270D	Nitrobenzene	98-95-3	13 ^{c,a}	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.1 U					
EPA 8270D	N-Nitrosodi-n-propylamine	621-64-7	1.1 ^{c,a}	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.1 U					
EPA 8270D	N-Nitrosodiphenylamine	86-30-6	12 ^c	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.1 U					
EPA 8270D	Pentachlorophenol	87-86-5	1	ug/L	< 2.8 U		< 2.6 U		< 2.7 U		< 2.7 U		< 2.5 U		< 2.5 U		< 2.7 U		< 2.6 U		< 2.6 U		< 2.6 U		< 2.6 U		< 2.7 U		< 2.6 U		< 2.6 U					
EPA 8270D	Phenanthrene	85-01-8	None	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.1 U					
EPA 8270D	Phenol	108-95-2	5800 ⁿ	ug/L	1.4		< 1 U		1.4		1.2		1.2		1.3		2		1.8		< 1 U		1.3		1.5		1.3		1.5		1.3					
EPA 8270D	Pyrene	129-00-0	120 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.0 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1.1 U		< 1.1 U		< 1.1 U					
SW846 8290	1,2,3,4,6,7,8-HpCDD	35822-46-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U					
SW846 8290	1,2,3,4,6,7,8-HpCDF	67562-39-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U					
SW846 8290	1,2,3,4,7,8,9-HpCDF	55673-89-7	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U					
SW846 8290	1,2,3,4,7,8-HxCDD	39227-28-6	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U					
SW846 8290	1,2,3,4,7,8-HxCDF	70648-26-9	None	pg/L																																

Table 1
East Area Groundwater Data Summary (MW-06)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

					Well ID		MW-06		MW-06		MW-06		MW-06		MW-06		MW-06		MW-06		MW-06		MW-06		MW-06		MW-06			
					Sample ID		MW-6-22122016		DUP-02-22122016		MW-6-16022017		MW-DUP02-16022017		MW-6-18052017		MW-DUP02-18052017		MW-6-17082017		MW-DUP02-17082017		MW-6-17112017		MW-DUP02-17112017		MW-6-23022018		MW-DUP02-23022018	
					Date		12/22/2016		12/22/2016		2/16/2017		2/16/2017		5/18/2017		5/18/2017		8/17/2017		8/17/2017		11/17/2017		11/17/2017		2/23/2018		2/23/2018	
					Sample Type		N		FD		N		FD		N		FD		N		FD		N		FD		N		FD	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual		
SW846 8290	2,3,7,8-TCDF	51207-31-9	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	2,3,7,8-Tetrachlorodibenzo-p-Dioxin	1746-01-6	30	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	OCDD	3268-87-9	None	pg/L	< 100 U		< 100 U		< 100 U		< 100 U		< 100 U	UJ	< 100 U	UJ	< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U	
SW846 8290	OCDF	39001-02-0	None	pg/L	< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U	
SW846 8290	Total HpCDD	37871-00-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HpCDF	38998-75-3	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HxCDD	34465-46-8	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HxCDF	55684-94-1	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total PeCDD	36088-22-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total PeCDF	30402-15-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		92		92	
SW846 8290	Total TCDD	41903-57-5	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		12		18		27	
SW846 8290	Total TCDF	55722-27-5	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		40		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		75	

Table 1
East Area Groundwater Data Summary (MW-06)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

					Well ID		MW-06		MW-06		MW-06		MW-06		MW-06		MW-06		MW-06		MW-06	
					Sample ID		MW-6-11122019		MW-DUP02-11122019		MW-6-26022020		MW-DUP02-26022020		MW-6-16062020		MW-DUP02-16062020		MW-6-26082020		MW-DUP02-26082020	
					Date		12/11/2019		12/11/2019		2/26/2020		2/26/2020		6/16/2020		6/16/2020		8/26/2020		8/26/2020	
					Sample Type		N		FD		N		FD		N		FD		N		FD	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 522	1,4-Dioxane	123-91-1	0.46 °	ug/L	181		180		155		131		122		121		147		149		201	
EPA 8260B	Chlorobenzene	108-90-7	100	ug/L	155		153		110		113		69.4		70.7		83.7		83.8		133	J, J

**Table 1
East Area Groundwater Data Summary (MW-06)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO**

					MW-06		MW-06		MW-06		MW-06		MW-06		MW-06		MW-06		MW-06		MW-06	
					MW-DUP02-19112020		MW-6-22032021		MW-DUP02-22032021		MW-6-26052021		MW-DUP02-26052021		MW-6-19082021		MW-DUP02-19082021		MW-6-03112021		MW-DUP02-03112021	
					11/19/2020		3/22/2021		3/22/2021		5/26/2021		5/26/2021		8/19/2021		8/19/2021		11/3/2021		11/3/2021	
					FD		N		FD		N		FD		N		FD		N		FD	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 522	1,4-Dioxane	123-91-1	0.46 °	ug/L	173		135	J	127		117		132		112	J	104		105	J	104	
EPA 8260B	Chlorobenzene	108-90-7	100	ug/L	170	J	146		149		130		129		111		121		130		125	

Notes:

- * Project Quantitation Limit Goals are analytical goals listed solely for the purpose of evaluating laboratory analytical methods and achievable laboratory limits; these are not project-specific screening levels and are not approved by USEPA or MDNR as the appropriate risk assessment values for this project. The risk assessment values will be developed in subsequent phases of the project.
- + MCL or RSL not established
- c USEPA Tapwater Regional Screening Level (cancer)
- n USEPA Tapwater Regional Screening Level (noncancer)
- a Regional Screening Level adjusted to 10⁻⁴
- No analysis performed.
- U The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
- J The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
- J- The result is an estimated quantity, but the result may be biased low.
- UJ The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

Table 1
East Area Groundwater Data Summary (MW-07)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Well ID		MW-07		MW-07		MW-07		MW-07		MW-07	
					Sample ID	Sample ID	MW-7-14122016	MW-7-15022017	MW-7-17052017	MW-7-15082017	MW-7-16112017	MW-7-21022018				
					Date	Date	12/14/2016	2/15/2017	5/17/2017	8/15/2017	11/16/2017	2/21/2018				
					Sample Type	Sample Type	N	N	N	N	N	N				
Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	7.3		6.7		27.7		8.3		8.4		3.8	J-, J
EPA 604.1	Hexachlorophene	70-30-4	6 ^{n,a}	ug/L	< 10.4 U		< 10 U		< 10.8 U		< 10 U		< 10.5 U		< 10 U	
EPA 8260B	1,1,1,2-Tetrachloroethane	630-20-6	0.57 ^c	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1,1-Trichloroethane	71-55-6	200	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1,2,2-Tetrachloroethane	79-34-5	7.6 ^{c,a}	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1,2-Trichloroethane	79-00-5	5	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1-Dichloroethane	75-34-3	2.8 ^c	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1-Dichloroethene	75-35-4	7	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1-Dichloropropene	563-58-6	None	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,3-Trichlorobenzene	87-61-6	7 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,3-Trichloropropane	96-18-4	0.075 ^{c,a}	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,4-Trichlorobenzene	120-82-1	70	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,4-Trimethylbenzene	95-63-6	15 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dibromo-3-chloropropane	96-12-8	0.2	ug/L	< 0.5 U		< 0.5 U		< 0.50 U		< 2.5 U		< 2.5 U		< 2 U	
EPA 8260B	1,2-Dibromoethane	106-93-4	0.05	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichlorobenzene	95-50-1	600	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichloroethane	107-06-2	5	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichloroethene, Total	540-59-0	None	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichloropropane	78-87-5	5	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,3,5-Trimethylbenzene	108-67-8	120 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,3-Dichlorobenzene	541-73-1	None	ug/L	< 0.1 U		< 0.1 U		0.15		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,3-Dichloropropane	142-28-9	370 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,4-Dichlorobenzene	106-46-7	75	ug/L	0.63		0.48		1.2		< 0.5 U		0.52		0.51	
EPA 8260B	2,2-Dichloropropane	594-20-7	None	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 2 U	
EPA 8260B	2-Butanone	78-93-3	5600 ⁿ	ug/L	< 2 U		< 2 U		< 2.0 U		< 10 U		< 10 U		< 5 U	
EPA 8260B	2-Chlorotoluene	95-49-8	240 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 1 U	
EPA 8260B	2-Hexanone	591-78-6	38 ⁿ	ug/L	< 2 U		< 2 U		< 2.0 U		< 10 U		< 10 U		< 5 U	
EPA 8260B	4-Chlorotoluene	106-43-4	250 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 1 U	
EPA 8260B	4-Methyl-2-pentanone	108-10-1	6300 ⁿ	ug/L	< 2 U		< 2 U		< 2.0 U		< 10 U		< 10 U		< 5 U	
EPA 8260B	Acetone	67-64-1	14000 ⁿ	ug/L	< 2.5 U		< 2.5 U		9.4	U	< 25 U		< 25 U		< 10 U	
EPA 8260B	Benzene	71-43-2	5	ug/L	< 0.1 U		< 0.1 U		0.14		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromobenzene	108-86-1	62 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromochloromethane	74-97-5	83 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromodichloromethane	75-27-4	80	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromoform	75-25-2	80	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 2 U	
EPA 8260B	Bromomethane	74-83-9	7.5 ⁿ	ug/L	< 2.5 U		< 2.5 U		< 2.5 U		< 12.5 U		< 12.5 U		< 5 U	
EPA 8260B	Carbon Disulfide	75-15-0	810 ⁿ	ug/L	< 0.5 U		< 0.5 U		< 0.50 U		< 2.5 U		< 2.5 U		< 0.5 U	

Table 1
East Area Groundwater Data Summary (MW-07)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

					Well ID		MW-07		MW-07		MW-07		MW-07		MW-07	
					Sample ID		MW-7-14122016		MW-7-15022017		MW-7-17052017		MW-7-15082017		MW-7-16112017	
					Date		12/14/2016		2/15/2017		5/17/2017		8/15/2017		11/16/2017	
					Sample Type		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8260B	Carbon Tetrachloride	56-23-5	5	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Chlorobenzene	108-90-7	100	ug/L	1.1		0.75		8.7		1.4		< 0.5 U		0.98	
EPA 8260B	Chlorodibromomethane	124-48-1	80	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Chloroethane	75-00-3	21000 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 1 U	
EPA 8260B	Chloroform	67-66-3	80	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Chloromethane	74-87-3	190 ⁿ	ug/L	< 0.5 U		< 0.5 U		< 0.50 U		< 2.5 U		< 2.5 U		< 0.5 U	
EPA 8260B	cis-1,2-Dichloroethene	156-59-2	70	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	cis-1,3-Dichloropropene	10061-01-5	0.47	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Dibromomethane	74-95-3	8.3 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Dichlorodifluoromethane	75-71-8	200 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Ethylbenzene	100-41-4	700	ug/L	< 0.1 U		< 0.1 U		0.14		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Fluorotrichloromethane	75-69-4	5200 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Hexachlorobutadiene	87-68-3	6.5	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Isopropylbenzene	98-82-8	450 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Methylene Chloride	75-09-2	5	ug/L	< 0.5 U		< 0.5 U		< 0.50 U		< 2.5 U		< 2.5 U		< 1 U	
EPA 8260B	Methyl-tert-butyl-ether	1634-04-4	14 ^c	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Naphthalene	91-20-3	6.1 ^{c,a}	ug/L	< 0.5 U		< 0.5 U		< 0.50 U		< 2.5 U		< 2.5 U		< 0.5 U	
EPA 8260B	n-Butylbenzene	104-51-8	1000 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	n-Propylbenzene	103-65-1	660 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	p-Isopropyltoluene	99-87-6	None	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	sec-Butylbenzene	135-98-8	2000 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Styrene	100-42-5	100	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	tert-Butylbenzene	98-06-6	690 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Tetrachloroethene	127-18-4	5	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Toluene	108-88-3	1000	ug/L	< 0.1 U		< 0.1 U		0.15		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	trans-1,2-Dichloroethene	156-60-5	100	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	trans-1,3-Dichloropropene	10061-02-6	0.47	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Trichloroethene	79-01-6	5	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Vinyl Chloride	75-01-4	2	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Xylenes, Total	1330-20-7	10000	ug/L	< 0.2 U		< 0.2 U		1.5		< 1 U		< 1 U		< 1.5 U	
EPA 8270D	2,2'-oxybis(1-Chloropropane)	108-60-1	710 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	2,4,6-Trichlorophenol	88-06-2	4.1 ^c	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	2,4-Dichlorophenol	120-83-2	46 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	2,4-Dimethylphenol	105-67-9	360 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	2,4-Dinitrophenol	51-28-5	39 ⁿ	ug/L	< 2.8 U		< 2.5 U		< 2.8 U		< 2.5 U		< 2.5 U		< 2.6 U	
EPA 8270D	2,4-Dinitrotoluene	121-14-2	24 ^{c,a}	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	2,6-Dinitrotoluene	606-20-2	4.9 ^{c,a}	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	

Table 1
East Area Groundwater Data Summary (MW-07)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

					Well ID		MW-07		MW-07		MW-07		MW-07		MW-07	
					Sample ID		MW-7-14122016		MW-7-15022017		MW-7-17052017		MW-7-15082017		MW-7-16112017	
					Date		12/14/2016		2/15/2017		5/17/2017		8/15/2017		11/16/2017	
					Sample Type		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8270D	2-Chloronaphthalene	91-58-7	750 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	2-Chlorophenol	95-57-8	91 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	2-Methylnaphthalene	91-57-6	36 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	2-Methylphenol	95-48-7	930 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	2-Nitroaniline	88-74-4	190 ⁿ	ug/L	< 2.8 U		< 2.5 U		< 2.8 U		< 2.5 U		< 2.5 U		< 2.6 U	
EPA 8270D	2-Nitrophenol	88-75-5	None	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	3 & 4-Methylphenol	MEPH3MEPH4	930 ⁿ	ug/L	< 2.2 U		< 2 U		< 2.3 U		< 2 U		< 2 U		< 2.1 U	
EPA 8270D	3,3-Dichlorobenzidine	91-94-1	13 ^{c,a}	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	3-Nitroaniline	99-09-2	None	ug/L	< 2.8 U		< 2.5 U		< 2.8 U		< 2.5 U		< 2.5 U		< 2.6 U	
EPA 8270D	4,6-Dinitro-2-methylphenol	534-52-1	1.5 ^{n,a}	ug/L	< 2.8 U		< 2.5 U		< 2.8 U		< 2.5 U		< 2.5 U		< 2.6 U	
EPA 8270D	4-Bromophenyl Phenyl Ether	101-55-3	None	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	4-Chloro-3-methylphenol	59-50-7	1400 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	4-Chloroaniline	106-47-8	37 ^{c,a}	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	4-Chlorophenyl Phenyl Ether	7005-72-3	None	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	4-Nitroaniline	100-01-6	3.8 ^c	ug/L	< 2.8 U		< 2.5 U		< 2.8 U		< 2.5 U		< 2.5 U		< 2.6 U	
EPA 8270D	4-Nitrophenol	100-02-7	None	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	Acenaphthene	83-32-9	530 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	Acenaphthylene	208-96-8	None	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	Aniline	62-53-3	13 ^c	ug/L	< 2.8 U		< 2.5 U		< 2.8 U		< 2.5 U		< 2.5 U		< 2.6 U	
EPA 8270D	Anthracene	120-12-7	1800 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	Benzo(a)anthracene	56-55-3	1.2 ^{c,a}	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	Benzo(a)pyrene	50-32-8	0.2	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	Benzoic Acid	65-85-0	75000 ⁿ	ug/L	< 27.9 U		< 25.4 U		< 28.2 U		< 25.1 U		< 24.8 U		< 26 U	
EPA 8270D	bis(2-Chloroethyl)ether	111-44-4	0.014 ^c	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	bis(2-Ethylhexyl)phthalate	117-81-7	6	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	Butylbenzylphthalate	85-68-7	16 ^c	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	Chrysene	218-01-9	3.4 ^c	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	Dibenzo(a,h)anthracene	53-70-3	0.34 ^{c,a}	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	Dibenzofuran	132-64-9	7.9 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	Diethylphthalate	84-66-2	15000 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	Dimethylphthalate	131-11-3	None	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	Di-n-butylphthalate	84-74-2	900 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	Di-n-octylphthalate	117-84-0	200 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	Fluoranthene	206-44-0	800 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	Fluorene	86-73-7	290 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	Hexachlorobenzene	118-74-1	1	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	

Table 1
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December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

					Well ID		MW-07		MW-07		MW-07		MW-07		MW-07	
					Sample ID		MW-7-14122016		MW-7-15022017		MW-7-17052017		MW-7-15082017		MW-7-16112017	
					Date		12/14/2016		2/15/2017		5/17/2017		8/15/2017		11/16/2017	
					Sample Type		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8270D	Hexachlorocyclopentadiene	77-47-4	50	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	Hexachloroethane	67-72-1	6.2 ^{c,a}	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	Indeno(1,2,3-cd)pyrene	193-39-5	3.4 ^{c,a}	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	Isophorone	78-59-1	78 ^c	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	Nitrobenzene	98-95-3	13 ^{c,a}	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	N-Nitrosodi-n-propylamine	621-64-7	1.1 ^{c,a}	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	N-Nitrosodiphenylamine	86-30-6	12 ^c	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	Pentachlorophenol	87-86-5	1	ug/L	< 2.8 U		< 2.5 U		< 2.8 U		< 2.5 U		< 2.5 U		< 2.6 U	
EPA 8270D	Phenanthrene	85-01-8	None	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	Phenol	108-95-2	5800 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
EPA 8270D	Pyrene	129-00-0	120 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 0.99 U		< 1 U	
SW846 8290	1,2,3,4,6,7,8-HpCDD	35822-46-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,6,7,8-HpCDF	67562-39-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8,9-HpCDF	55673-89-7	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8-HxCDD	39227-28-6	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8-HxCDF	70648-26-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,6,7,8-HxCDD	57653-85-7	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,6,7,8-HxCDF	57117-44-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8,9-HxCDD	19408-74-3	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8,9-HxCDF	72918-21-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8-PeCDD	40321-76-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8-PeCDF	57117-41-6	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,4,6,7,8-HxCDF	60851-34-5	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,4,7,8-PeCDF	57117-31-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,7,8-TCDF	51207-31-9	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	2,3,7,8-Tetrachlorodibenzo-p-Dioxin	1746-01-6	30	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	OCDD	3268-87-9	None	pg/L	< 100 U		< 100 U	UJ	< 100 U		< 100 U		< 100 U		< 100 U	
SW846 8290	OCDF	39001-02-0	None	pg/L	< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U	
SW846 8290	Total HpCDD	37871-00-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HpCDF	38998-75-3	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HxCDD	34465-46-8	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HxCDF	55684-94-1	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total PeCDD	36088-22-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total PeCDF	30402-15-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total TCDD	41903-57-5	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	Total TCDF	55722-27-5	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	

Table 1
East Area Groundwater Data Summary (MW-07)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

				Well ID	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	
				Sample ID	MW-7-09122019	MW-7-12122019	MW-7-25022020	MW-7-15062020	MW-7-26082020	MW-7-18112020	MW-7-10032021	MW-7-25052021	MW-7-04062021	MW-7-18082021	MW-7-02112021										
				Date	12/9/2019	12/12/2019	2/25/2020	6/15/2020	8/26/2020	11/18/2020	3/10/2021	5/25/2021	6/4/2021	8/18/2021	11/2/2021										
				Sample Type	N	N	N	N	N	N	N	N	N	N	N										
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	7.9				7.6		24.6		9.3		8.3		6.7		16.0		27.9		9.5		6.9
EPA 8260B	Chlorobenzene	108-90-7	100	ug/L			1.7		3.2		21.6		5.1		1.8		1.2				53.2		7.4		3.8

Notes:

- * Project Quantitation Limit Goals are analytical goals listed solely for the purpose of evaluating laboratory analytical methods and achievable laboratory limits; these are not project-specific screening levels and are not approved by USEPA or MDNR as the appropriate risk assessment values for this project. The risk assessment values will be developed in subsequent phases of the project.
- + MCL or RSL not established
- c USEPA Tapwater Regional Screening Level (cancer)
- n USEPA Tapwater Regional Screening Level (noncancer)
- a Regional Screening Level adjusted to 10⁻⁴
- No analysis performed.
- U The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
- J The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
- J- The result is an estimated quantity, but the result may be biased low.
- UJ The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

Table 1
East Area Groundwater Data Summary (MW-09)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

				Well ID	MW-09		MW-09		MW-09		MW-09		MW-09		MW-09	
				Sample ID	MW-9-14122016		MW-9-17022017		MW-9-18052017		MW-9-17082017		MW-9-17112017		MW-9-22022018	
				Date	12/14/2016		2/17/2017		5/18/2017		8/17/2017		11/17/2017		2/22/2018	
				Sample Type	N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	211		315		275		142	J-	61.3		133	
EPA 604.1	Hexachlorophene	70-30-4	6 ^{n,a}	ug/L	< 10.4 U		< 10 U		< 10.0 U		< 10 U		< 10.9 U		< 10 U	
EPA 8260B	1,1,1,2-Tetrachloroethane	630-20-6	0.57 ^c	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1,1-Trichloroethane	71-55-6	200	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1,2,2-Tetrachloroethane	79-34-5	7.6 ^{c,a}	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1,2-Trichloroethane	79-00-5	5	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1-Dichloroethane	75-34-3	2.8 ^c	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1-Dichloroethene	75-35-4	7	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1-Dichloropropene	563-58-6	None	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,3-Trichlorobenzene	87-61-6	7 ⁿ	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,3-Trichloropropane	96-18-4	0.075 ^{c,a}	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,4-Trichlorobenzene	120-82-1	70	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,4-Trimethylbenzene	95-63-6	15 ⁿ	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dibromo-3-chloropropane	96-12-8	0.2	ug/L	< 0.5 U		< 1.2 U		< 0.50 U		< 1 U		< 2 U		< 2 U	
EPA 8260B	1,2-Dibromoethane	106-93-4	0.05	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichlorobenzene	95-50-1	600	ug/L	0.13		< 0.25 U		0.11		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichloroethane	107-06-2	5	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichloroethene, Total	540-59-0	None	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichloropropane	78-87-5	5	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,3,5-Trimethylbenzene	108-67-8	120 ⁿ	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,3-Dichlorobenzene	541-73-1	None	ug/L	0.85		0.95		0.81		0.46		< 0.5 U		< 0.5 U	
EPA 8260B	1,3-Dichloropropane	142-28-9	370 ⁿ	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,4-Dichlorobenzene	106-46-7	75	ug/L	4		4.3		3.8		2.6		2.1		1.6	
EPA 8260B	2,2-Dichloropropane	594-20-7	None	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 2 U		< 2 U	
EPA 8260B	2-Butanone	78-93-3	5600 ⁿ	ug/L	< 2 U		< 5 U		< 2.0 U		< 4 U		< 5 U		< 5 U	
EPA 8260B	2-Chlorotoluene	95-49-8	240 ⁿ	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 1 U		< 1 U	
EPA 8260B	2-Hexanone	591-78-6	38 ⁿ	ug/L	< 2 U		< 5 U		< 2.0 U		< 4 U		< 5 U		< 5 U	
EPA 8260B	4-Chlorotoluene	106-43-4	250 ⁿ	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 1 U		< 1 U	
EPA 8260B	4-Methyl-2-pentanone	108-10-1	6300 ⁿ	ug/L	< 2 U		< 5 U		< 2.0 U		< 4 U		< 5 U		< 5 U	
EPA 8260B	Acetone	67-64-1	14000 ⁿ	ug/L	< 2.5 U		< 6.2 U		11.5	U	< 10 U		< 10 U		< 10 U	
EPA 8260B	Benzene	71-43-2	5	ug/L	0.55		0.83		0.83		0.22		< 0.5 U		< 0.5 U	
EPA 8260B	Bromobenzene	108-86-1	62 ⁿ	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromochloromethane	74-97-5	83 ⁿ	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromodichloromethane	75-27-4	80	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromoform	75-25-2	80	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 2 U		< 2 U	
EPA 8260B	Bromomethane	74-83-9	7.5 ⁿ	ug/L	< 2.5 U		< 6.2 U		< 2.5 U		< 5 U		< 20 U		< 5 U	
EPA 8260B	Carbon Disulfide	75-15-0	810 ⁿ	ug/L	< 0.5 U		< 1.2 U		< 0.50 U		< 1 U		< 0.5 U		< 0.5 U	

Table 1
East Area Groundwater Data Summary (MW-09)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

				Well ID	MW-09		MW-09		MW-09		MW-09		MW-09		MW-09	
				Sample ID	MW-9-14122016	MW-9-17022017	MW-9-18052017	MW-9-17082017	MW-9-17112017	MW-9-17112017	MW-9-17112017	MW-9-17112017	MW-9-17112017	MW-9-22022018	MW-9-22022018	MW-9-22022018
				Date	12/14/2016	2/17/2017	5/18/2017	8/17/2017	11/17/2017	11/17/2017	11/17/2017	11/17/2017	11/17/2017	2/22/2018	2/22/2018	2/22/2018
				Sample Type	N	N	N	N	N	N	N	N	N	N	N	N
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8260B	Carbon Tetrachloride	56-23-5	5	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Chlorobenzene	108-90-7	100	ug/L	61		69.9		60.2		23.2		20.7		26.1	
EPA 8260B	Chlorodibromomethane	124-48-1	80	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Chloroethane	75-00-3	21000 ⁿ	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 2 U		< 1 U	
EPA 8260B	Chloroform	67-66-3	80	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Chloromethane	74-87-3	190 ⁿ	ug/L	< 0.5 U		< 1.2 U		< 0.50 U		< 1 U		< 0.5 U		< 0.5 U	
EPA 8260B	cis-1,2-Dichloroethene	156-59-2	70	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	cis-1,3-Dichloropropene	10061-01-5	0.47	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Dibromomethane	74-95-3	8.3 ⁿ	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Dichlorodifluoromethane	75-71-8	200 ⁿ	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Ethylbenzene	100-41-4	700	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Fluorotrichloromethane	75-69-4	5200 ⁿ	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Hexachlorobutadiene	87-68-3	6.5	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Isopropylbenzene	98-82-8	450 ⁿ	ug/L	0.21		0.28		0.23		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Methylene Chloride	75-09-2	5	ug/L	< 0.5 U		< 1.2 U		< 0.50 U		< 1 U		< 5 U		< 1 U	
EPA 8260B	Methyl-tert-butyl-ether	1634-04-4	14 ^c	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Naphthalene	91-20-3	6.1 ^{c, a}	ug/L	< 0.5 U		< 1.2 U		< 0.50 U		< 1 U		< 0.5 U		< 0.5 U	
EPA 8260B	n-Butylbenzene	104-51-8	1000 ⁿ	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	n-Propylbenzene	103-65-1	660 ⁿ	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	p-Isopropyltoluene	99-87-6	None	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	sec-Butylbenzene	135-98-8	2000 ⁿ	ug/L	0.12		< 0.25 U		0.14		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Styrene	100-42-5	100	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	tert-Butylbenzene	98-06-6	690 ⁿ	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Tetrachloroethene	127-18-4	5	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Toluene	108-88-3	1000	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	trans-1,2-Dichloroethene	156-60-5	100	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	trans-1,3-Dichloropropene	10061-02-6	0.47	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Trichloroethene	79-01-6	5	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Vinyl Chloride	75-01-4	2	ug/L	< 0.1 U		< 0.25 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Xylenes, Total	1330-20-7	10000	ug/L	1.3		1.8		2.3		0.69		< 1.5 U		< 1.5 U	
EPA 8270D	2,2'-oxybis(1-Chloropropane)	108-60-1	710 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2,4,6-Trichlorophenol	88-06-2	4.1 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2,4-Dichlorophenol	120-83-2	46 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2,4-Dimethylphenol	105-67-9	360 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2,4-Dinitrophenol	51-28-5	39 ⁿ	ug/L	< 2.7 U		< 2.7 U		< 2.8 U		< 2.5 U		< 2.6 U		< 2.6 U	
EPA 8270D	2,4-Dinitrotoluene	121-14-2	24 ^{c, a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2,6-Dinitrotoluene	606-20-2	4.9 ^{c, a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	

Table 1
East Area Groundwater Data Summary (MW-09)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

				Well ID	MW-09		MW-09		MW-09		MW-09		MW-09		MW-09	
				Sample ID	MW-9-14122016	MW-9-17022017	MW-9-18052017	MW-9-17082017	MW-9-17112017	MW-9-17112017	MW-9-17112017	MW-9-17112017	MW-9-17112017	MW-9-22022018	MW-9-22022018	MW-9-22022018
				Date	12/14/2016	2/17/2017	5/18/2017	8/17/2017	11/17/2017	11/17/2017	11/17/2017	11/17/2017	11/17/2017	2/22/2018	2/22/2018	2/22/2018
				Sample Type	N	N	N	N	N	N	N	N	N	N	N	N
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8270D	2-Chloronaphthalene	91-58-7	750 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2-Chlorophenol	95-57-8	91 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2-Methylnaphthalene	91-57-6	36 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2-Methylphenol	95-48-7	930 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2-Nitroaniline	88-74-4	190 ⁿ	ug/L	< 2.7 U		< 2.7 U		< 2.8 U		< 2.5 U		< 2.6 U		< 2.6 U	
EPA 8270D	2-Nitrophenol	88-75-5	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	3 & 4-Methylphenol	MEPH3MEPH4	930 ⁿ	ug/L	< 2.2 U		< 2.2 U		< 2.2 U		< 2 U		< 2 U		< 2.1 U	
EPA 8270D	3,3-Dichlorobenzidine	91-94-1	13 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	3-Nitroaniline	99-09-2	None	ug/L	< 2.7 U		< 2.7 U		< 2.8 U		< 2.5 U		< 2.6 U		< 2.6 U	
EPA 8270D	4,6-Dinitro-2-methylphenol	534-52-1	1.5 ^{n,a}	ug/L	< 2.7 U		< 2.7 U		< 2.8 U		< 2.5 U		< 2.6 U		< 2.6 U	
EPA 8270D	4-Bromophenyl Phenyl Ether	101-55-3	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	4-Chloro-3-methylphenol	59-50-7	1400 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	4-Chloroaniline	106-47-8	37 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	4-Chlorophenyl Phenyl Ether	7005-72-3	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	4-Nitroaniline	100-01-6	3.8 ^c	ug/L	< 2.7 U		< 2.7 U		< 2.8 U		< 2.5 U		< 2.6 U		< 2.6 U	
EPA 8270D	4-Nitrophenol	100-02-7	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Acenaphthene	83-32-9	530 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Acenaphthylene	208-96-8	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Aniline	62-53-3	13 ^c	ug/L	< 2.7 U		< 2.7 U		< 2.8 U		< 2.5 U		< 2.6 U		< 2.6 U	
EPA 8270D	Anthracene	120-12-7	1800 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Benzo(a)anthracene	56-55-3	1.2 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Benzo(a)pyrene	50-32-8	0.2	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Benzoic Acid	65-85-0	75000 ⁿ	ug/L	< 27.3 U		< 27.5 U		< 27.6 U		< 25.3 U		< 25.5 U		< 25.8 U	
EPA 8270D	bis(2-Chloroethyl)ether	111-44-4	0.014 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	bis(2-Ethylhexyl)phthalate	117-81-7	6	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Butylbenzylphthalate	85-68-7	16 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Chrysene	218-01-9	3.4 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Dibenzo(a,h)anthracene	53-70-3	0.34 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Dibenzofuran	132-64-9	7.9 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Diethylphthalate	84-66-2	15000 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Dimethylphthalate	131-11-3	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Di-n-butylphthalate	84-74-2	900 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Di-n-octylphthalate	117-84-0	200 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Fluoranthene	206-44-0	800 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Fluorene	86-73-7	290 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Hexachlorobenzene	118-74-1	1	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	

Table 1
East Area Groundwater Data Summary (MW-09)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

				Well ID	MW-09		MW-09		MW-09		MW-09		MW-09		MW-09	
				Sample ID	MW-9-14122016		MW-9-17022017		MW-9-18052017		MW-9-17082017		MW-9-17112017		MW-9-22022018	
				Date	12/14/2016		2/17/2017		5/18/2017		8/17/2017		11/17/2017		2/22/2018	
				Sample Type	N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8270D	Hexachlorocyclopentadiene	77-47-4	50	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Hexachloroethane	67-72-1	6.2 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Indeno(1,2,3-cd)pyrene	193-39-5	3.4 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Isophorone	78-59-1	78 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Nitrobenzene	98-95-3	13 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	N-Nitrosodi-n-propylamine	621-64-7	1.1 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	N-Nitrosodiphenylamine	86-30-6	12 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Pentachlorophenol	87-86-5	1	ug/L	< 2.7 U		< 2.7 U		< 2.8 U		< 2.5 U		< 2.6 U		< 2.6 U	
EPA 8270D	Phenanthrene	85-01-8	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Phenol	108-95-2	5800 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Pyrene	129-00-0	120 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U	
SW846 8290	1,2,3,4,6,7,8-HpCDD	35822-46-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,6,7,8-HpCDF	67562-39-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8,9-HpCDF	55673-89-7	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8-HxCDD	39227-28-6	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8-HxCDF	70648-26-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,6,7,8-HxCDD	57653-85-7	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,6,7,8-HxCDF	57117-44-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8,9-HxCDD	19408-74-3	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8,9-HxCDF	72918-21-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8-PeCDD	40321-76-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8-PeCDF	57117-41-6	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,4,6,7,8-HxCDF	60851-34-5	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,4,7,8-PeCDF	57117-31-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,7,8-TCDF	51207-31-9	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	2,3,7,8-Tetrachlorodibenzo-p-Dioxin	1746-01-6	30	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	OCDD	3268-87-9	None	pg/L	< 100 U		< 100 U		< 100 U	UJ	< 100 U		< 100 U		< 100 U	
SW846 8290	OCDF	39001-02-0	None	pg/L	< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U	
SW846 8290	Total HpCDD	37871-00-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HpCDF	38998-75-3	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HxCDD	34465-46-8	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HxCDF	55684-94-1	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total PeCDD	36088-22-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total PeCDF	30402-15-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total TCDD	41903-57-5	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	Total TCDF	55722-27-5	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	

Table 1
East Area Groundwater Data Summary (MW-09)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

				Well ID	MW-09		MW-09		MW-09		MW-09		MW-09		MW-09		MW-09		MW-09		MW-09	
				Sample ID	MW-9-11121019		MW-9-25022020		MW-9-15062020		MW-9-26082020		MW-9-18112020		MW-9-22032021		MW-9-26052021		MW-9-18082021		MW-9-03112021	
				Date	12/11/2019		2/25/2020		6/15/2020		8/26/2020		11/18/2020		3/22/2021		5/26/2021		8/18/2021		11/3/2021	
				Sample Type	N		N		N		N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	33.0		27.1		20.9		27.4		96.9		57.8		34.8		25.1		30.9	
EPA 8260B	Chlorobenzene	108-90-7	100	ug/L	8.3		4.8		1.4		3.0		42.1		28.4		13.6		5.5		7.9	

Notes:

- * Project Quantitation Limit Goals are analytical goals listed solely for the purpose of evaluating laboratory analytical methods and achievable laboratory limits; these are not project-specific screening levels and are not approved by USEPA or MDNR as the appropriate risk assessment values for this project. The risk assessment values will be developed in subsequent phases of the project.
- + MCL or RSL not established
- c USEPA Tapwater Regional Screening Level (cancer)
- n USEPA Tapwater Regional Screening Level (noncancer)
- a Regional Screening Level adjusted to 10⁻⁴
- No analysis performed.
- U The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
- J The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
- J- The result is an estimated quantity, but the result may be biased low.
- UJ The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

Table 1
East Area Groundwater Data Summary (MW-10)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

				Well ID	MW-10		MW-10		MW-10		MW-10		MW-10		MW-10		MW-10		MW-10		MW-10		
				Sample ID	MW-10-06122019	MW-10-20022020	MW-10-11062020	MW-10-24082020	MW-10-17112020	MW-10-09032021	MW-10-24052021	MW-10-17082021	MW-10-02112021										
				Date	12/6/2019	2/20/2020	6/11/2020	8/24/2020	11/17/2020	3/9/2021	5/24/2021	8/17/2021	11/2/2021										
				Sample Type	N	N	N	N	N	N	N	N	N										
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	< 0.20 U		< 0.20 U		< 0.20 U		< 0.20 U		< 0.20 U		< 0.20 U		< 0.19 U		< 0.20 U		< 0.20 U		

Notes:

- * Project Quantitation Limit Goals are analytical goals listed solely for the purpose of evaluating laboratory analytical methods and achievable laboratory limits; these are not project-specific screening levels and are not approved by USEPA or MDNR as the appropriate risk assessment values for this project. The risk assessment values will be developed in subsequent phases of the project.
- + MCL or RSL not established
- c USEPA Tapwater Regional Screening Level (cancer)
- n USEPA Tapwater Regional Screening Level (noncancer)
- a Regional Screening Level adjusted to 10⁻⁴
- No analysis performed.
- U The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
- J The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
- J- The result is an estimated quantity, but the result may be biased low.
- UJ The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

Table 1
East Area Groundwater Data Summary (MW-14)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Well ID											
					MW-14		MW-14		MW-14		MW-14		MW-14		MW-14	
					Sample ID	Date	Sample ID	Date	Sample ID	Date	Sample ID	Date	Sample ID	Date	Sample ID	Date
					MW-14-20122016	12/20/2016	MW-14-16022017	2/16/2017	MW-14-16052017	5/16/2017	MW-14-14082017	8/14/2017	MW-14-13112017	11/13/2017	MW-14-19022018	2/19/2018
					N		N		N		N		N		N	
					Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	102		< 0.07 U		< 0.070 U		< 0.07 U		< 0.07 U		< 0.07 U	UJ
EPA 604.1	Hexachlorophene	70-30-4	6 ^{n,a}	ug/L	< 10.9 U		< 10.9 U		< 10.0 U		< 10 U		< 10.2 U		< 10.8 U	
EPA 8260B	1,1,1,2-Tetrachloroethane	630-20-6	0.57 ^c	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1,1-Trichloroethane	71-55-6	200	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1,2,2-Tetrachloroethane	79-34-5	7.6 ^{c,a}	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1,2-Trichloroethane	79-00-5	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1-Dichloroethane	75-34-3	2.8 ^c	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1-Dichloroethene	75-35-4	7	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1-Dichloropropene	563-58-6	None	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,3-Trichlorobenzene	87-61-6	7 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,3-Trichloropropane	96-18-4	0.075 ^{c,a}	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,4-Trichlorobenzene	120-82-1	70	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,4-Trimethylbenzene	95-63-6	15 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dibromo-3-chloropropane	96-12-8	0.2	ug/L	< 0.50 U		< 0.5 U		< 0.50 U		< 0.5 U		< 2 U		< 2 U	
EPA 8260B	1,2-Dibromoethane	106-93-4	0.05	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichlorobenzene	95-50-1	600	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichloroethane	107-06-2	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichloroethene, Total	540-59-0	None	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichloropropane	78-87-5	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,3,5-Trimethylbenzene	108-67-8	120 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,3-Dichlorobenzene	541-73-1	None	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,3-Dichloropropane	142-28-9	370 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,4-Dichlorobenzene	106-46-7	75	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	2,2-Dichloropropane	594-20-7	None	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 2 U		< 2 U	
EPA 8260B	2-Butanone	78-93-3	5600 ⁿ	ug/L	< 2.0 U		< 2 U		< 2.0 U		< 2 U		< 5 U		< 5 U	
EPA 8260B	2-Chlorotoluene	95-49-8	240 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 1 U		< 1 U	
EPA 8260B	2-Hexanone	591-78-6	38 ⁿ	ug/L	< 2.0 U		< 2 U		< 2.0 U		< 2 U		< 5 U		< 5 U	
EPA 8260B	4-Chlorotoluene	106-43-4	250 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 1 U		< 1 U	
EPA 8260B	4-Methyl-2-pentanone	108-10-1	6300 ⁿ	ug/L	< 2.0 U		< 2 U		< 2.0 U		< 2 U		< 5 U		< 5 U	
EPA 8260B	Acetone	67-64-1	14000 ⁿ	ug/L	< 2.5 U		< 2.5 U		18.6	U	< 5 U		< 10 U		< 10 U	
EPA 8260B	Benzene	71-43-2	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromobenzene	108-86-1	62 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromochloromethane	74-97-5	83 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromodichloromethane	75-27-4	80	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromoform	75-25-2	80	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 2 U		< 2 U	
EPA 8260B	Bromomethane	74-83-9	7.5 ⁿ	ug/L	< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 20 U		< 5 U	
EPA 8260B	Carbon Disulfide	75-15-0	810 ⁿ	ug/L	< 0.50 U		< 0.5 U		< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U	

Table 1
East Area Groundwater Data Summary (MW-14)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

				Well ID	MW-14		MW-14		MW-14		MW-14		MW-14		MW-14	
				Sample ID	MW-14-20122016	MW-14-16022017	MW-14-16052017	MW-14-14082017	MW-14-13112017	MW-14-19022018						
				Date	12/20/2016	2/16/2017	5/16/2017	8/14/2017	11/13/2017	2/19/2018						
				Sample Type	N	N	N	N	N	N						
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8260B	Carbon Tetrachloride	56-23-5	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Chlorobenzene	108-90-7	100	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Chlorodibromomethane	124-48-1	80	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Chloroethane	75-00-3	21000 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 2 U		< 1 U	
EPA 8260B	Chloroform	67-66-3	80	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Chloromethane	74-87-3	190 ⁿ	ug/L	< 0.50 U		< 0.5 U		0.99		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	cis-1,2-Dichloroethene	156-59-2	70	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	cis-1,3-Dichloropropene	10061-01-5	0.47	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Dibromomethane	74-95-3	8.3 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Dichlorodifluoromethane	75-71-8	200 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Ethylbenzene	100-41-4	700	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Fluorotrichloromethane	75-69-4	5200 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Hexachlorobutadiene	87-68-3	6.5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Isopropylbenzene	98-82-8	450 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Methylene Chloride	75-09-2	5	ug/L	< 0.50 U		< 0.5 U		< 0.50 U		< 0.5 U		< 5 U		< 1 U	
EPA 8260B	Methyl-tert-butyl-ether	1634-04-4	14 ^c	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Naphthalene	91-20-3	6.1 ^{c, a}	ug/L	< 0.50 U		< 0.5 U		< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	n-Butylbenzene	104-51-8	1000 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	n-Propylbenzene	103-65-1	660 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	p-Isopropyltoluene	99-87-6	None	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	sec-Butylbenzene	135-98-8	2000 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Styrene	100-42-5	100	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	tert-Butylbenzene	98-06-6	690 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Tetrachloroethene	127-18-4	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Toluene	108-88-3	1000	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	trans-1,2-Dichloroethene	156-60-5	100	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	trans-1,3-Dichloropropene	10061-02-6	0.47	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Trichloroethene	79-01-6	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Vinyl Chloride	75-01-4	2	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Xylenes, Total	1330-20-7	10000	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 1.5 U		< 1.5 U	
EPA 8270D	2,2'-oxybis(1-Chloropropane)	108-60-1	710 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	2,4,6-Trichlorophenol	88-06-2	4.1 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	2,4-Dichlorophenol	120-83-2	46 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	2,4-Dimethylphenol	105-67-9	360 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	2,4-Dinitrophenol	51-28-5	39 ⁿ	ug/L	< 2.8 U		< 2.9 U		< 2.7 U		< 2.6 U		< 2.6 U		< 2.8 U	
EPA 8270D	2,4-Dinitrotoluene	121-14-2	24 ^{c, a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	2,6-Dinitrotoluene	606-20-2	4.9 ^{c, a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	

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East Area Groundwater Data Summary (MW-14)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

				Well ID	MW-14		MW-14		MW-14		MW-14		MW-14		MW-14	
				Sample ID	MW-14-20122016	MW-14-16022017	MW-14-16052017	MW-14-14082017	MW-14-13112017	MW-14-19022018						
				Date	12/20/2016	2/16/2017	5/16/2017	8/14/2017	11/13/2017	2/19/2018						
				Sample Type	N	N	N	N	N	N						
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8270D	2-Chloronaphthalene	91-58-7	750 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	2-Chlorophenol	95-57-8	91 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	2-Methylnaphthalene	91-57-6	36 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	2-Methylphenol	95-48-7	930 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	2-Nitroaniline	88-74-4	190 ⁿ	ug/L	< 2.8 U		< 2.9 U		< 2.7 U		< 2.6 U		< 2.6 U		< 2.8 U	
EPA 8270D	2-Nitrophenol	88-75-5	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	3 & 4-Methylphenol	MEPH3MEPH4	930 ⁿ	ug/L	< 2.3 U		< 2.3 U		< 2.1 U		< 2.1 U		< 2.1 U		< 2.2 U	
EPA 8270D	3,3-Dichlorobenzidine	91-94-1	13 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	3-Nitroaniline	99-09-2	None	ug/L	< 2.8 U		< 2.9 U		< 2.7 U		< 2.6 U		< 2.6 U		< 2.8 U	
EPA 8270D	4,6-Dinitro-2-methylphenol	534-52-1	1.5 ^{n,a}	ug/L	< 2.8 U		< 2.9 U		< 2.7 U		< 2.6 U		< 2.6 U		< 2.8 U	
EPA 8270D	4-Bromophenyl Phenyl Ether	101-55-3	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	4-Chloro-3-methylphenol	59-50-7	1400 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	4-Chloroaniline	106-47-8	37 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	4-Chlorophenyl Phenyl Ether	7005-72-3	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	4-Nitroaniline	100-01-6	3.8 ^c	ug/L	< 2.8 U		< 2.9 U		< 2.7 U		< 2.6 U		< 2.6 U		< 2.8 U	
EPA 8270D	4-Nitrophenol	100-02-7	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Acenaphthene	83-32-9	530 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Acenaphthylene	208-96-8	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Aniline	62-53-3	13 ^c	ug/L	< 2.8 U		< 2.9 U		< 2.7 U		< 2.6 U		< 2.6 U		< 2.8 U	
EPA 8270D	Anthracene	120-12-7	1800 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Benzo(a)anthracene	56-55-3	1.2 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Benzo(a)pyrene	50-32-8	0.2	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Benzoic Acid	65-85-0	75000 ⁿ	ug/L	< 28.2 U		< 28.7 U		< 26.6 U		< 25.6 U		< 25.9 U		< 27.8 U	
EPA 8270D	bis(2-Chloroethyl)ether	111-44-4	0.014 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	bis(2-Ethylhexyl)phthalate	117-81-7	6	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		1.5		< 1 U		< 1.1 U	
EPA 8270D	Butylbenzylphthalate	85-68-7	16 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Chrysene	218-01-9	3.4 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Dibenzo(a,h)anthracene	53-70-3	0.34 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Dibenzofuran	132-64-9	7.9 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Diethylphthalate	84-66-2	15000 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Dimethylphthalate	131-11-3	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Di-n-butylphthalate	84-74-2	900 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Di-n-octylphthalate	117-84-0	200 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Fluoranthene	206-44-0	800 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Fluorene	86-73-7	290 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Hexachlorobenzene	118-74-1	1	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	

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December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

				Well ID	MW-14		MW-14		MW-14		MW-14		MW-14		MW-14	
				Sample ID	MW-14-20122016	MW-14-16022017	MW-14-16052017	MW-14-14082017	MW-14-13112017	MW-14-19022018						
				Date	12/20/2016	2/16/2017	5/16/2017	8/14/2017	11/13/2017	2/19/2018						
				Sample Type	N	N	N	N	N	N						
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8270D	Hexachlorocyclopentadiene	77-47-4	50	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Hexachloroethane	67-72-1	6.2 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Indeno(1,2,3-cd)pyrene	193-39-5	3.4 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Isophorone	78-59-1	78 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Nitrobenzene	98-95-3	13 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	N-Nitrosodi-n-propylamine	621-64-7	1.1 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	N-Nitrosodiphenylamine	86-30-6	12 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Pentachlorophenol	87-86-5	1	ug/L	< 2.8 U		< 2.9 U		< 2.7 U		< 2.6 U		< 2.6 U		< 2.8 U	
EPA 8270D	Phenanthrene	85-01-8	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Phenol	108-95-2	5800 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Pyrene	129-00-0	120 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1.1 U	
SW846 8290	1,2,3,4,6,7,8-HpCDD	35822-46-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,6,7,8-HpCDF	67562-39-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8,9-HpCDF	55673-89-7	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U	UJ	< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8-HxCDD	39227-28-6	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U	UJ	< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8-HxCDF	70648-26-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U	UJ	< 50 U		< 50 U	
SW846 8290	1,2,3,6,7,8-HxCDD	57653-85-7	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,6,7,8-HxCDF	57117-44-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8,9-HxCDD	19408-74-3	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8,9-HxCDF	72918-21-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8-PeCDD	40321-76-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8-PeCDF	57117-41-6	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,4,6,7,8-HxCDF	60851-34-5	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,4,7,8-PeCDF	57117-31-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,7,8-TCDF	51207-31-9	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	2,3,7,8-Tetrachlorodibenzo-p-Dioxin	1746-01-6	30	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	OCDD	3268-87-9	None	pg/L	< 100 U		< 100 U		< 100 U		< 100 U	UJ	< 100 U		< 100 U	
SW846 8290	OCDF	39001-02-0	None	pg/L	< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U	
SW846 8290	Total HpCDD	37871-00-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HpCDF	38998-75-3	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HxCDD	34465-46-8	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HxCDF	55684-94-1	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total PeCDD	36088-22-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total PeCDF	30402-15-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total TCDD	41903-57-5	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	Total TCDF	55722-27-5	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	

Table 1
East Area Groundwater Data Summary (MW-14)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

				Well ID	MW-14		MW-14		MW-14		MW-14		MW-14		MW-14		MW-14		MW-14		MW-14	
				Sample ID	MW-14-05122019		MW-14-20022020		MW-14-11062020		MW-14-24082020		MW-14-17112020		MW-14-09032021		MW-14-24052021		MW-14-17082021		MW-14-02112021	
				Date	12/5/2019		2/20/2020		6/11/2020		8/24/2020		11/17/2020		3/9/2021		5/24/2021		8/17/2021		11/2/2021	
				Sample Type	N		N		N		N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	< 0.20 U		< 0.20 U		< 0.20 U		< 0.20 U		< 0.20 U		< 0.20 U		< 0.20 U		< 0.20 U		< 0.20 U	

Notes:

- * Project Quantitation Limit Goals are analytical goals listed solely for the purpose of evaluating laboratory analytical methods and achievable laboratory limits; these are not project-specific screening levels and are not approved by USEPA or MDNR as the appropriate risk assessment values for this project. The risk assessment values will be developed in subsequent phases of the project.
- + MCL or RSL not established
- c USEPA Tapwater Regional Screening Level (cancer)
- n USEPA Tapwater Regional Screening Level (noncancer)
- a Regional Screening Level adjusted to 10⁻⁴
- No analysis performed.
- U The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
- J The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
- J- The result is an estimated quantity, but the result may be biased low.
- UJ The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

Table 1
East Area Groundwater Data Summary (MW-15)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Well ID		MW-15		MW-15		MW-15		MW-15		MW-15	
					Sample ID	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15					
						MW-15-20122016	MW-15-16022017	MW-15-17052017	MW-15-16082017	MW-15-16112017	MW-15-22022018					
						Date	Date	Date	Date	Date	Date					
Sample Type	N	N	N	N	N	N										
Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	55.6		39.9		38.4		35		38.2		40.9	
EPA 604.1	Hexachlorophene	70-30-4	6 ^{n,a}	ug/L	< 10.0 U		< 10.2 U		< 10.8 U		< 10 U		< 10.9 U		< 10 U	
EPA 8260B	1,1,1,2-Tetrachloroethane	630-20-6	0.57 ^c	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1,1-Trichloroethane	71-55-6	200	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1,2,2-Tetrachloroethane	79-34-5	7.6 ^{c,a}	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1,2-Trichloroethane	79-00-5	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1-Dichloroethane	75-34-3	2.8 ^c	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1-Dichloroethene	75-35-4	7	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1-Dichloropropene	563-58-6	None	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2,3-Trichlorobenzene	87-61-6	7 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2,3-Trichloropropane	96-18-4	0.075 ^{c,a}	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2,4-Trichlorobenzene	120-82-1	70	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2,4-Trimethylbenzene	95-63-6	15 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2-Dibromo-3-chloropropane	96-12-8	0.2	ug/L	< 0.50 U		< 0.5 U		< 0.50 U		< 0.5 U		< 0.5 U		< 2 U	
EPA 8260B	1,2-Dibromoethane	106-93-4	0.05	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2-Dichlorobenzene	95-50-1	600	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2-Dichloroethane	107-06-2	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2-Dichloroethene, Total	540-59-0	None	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2-Dichloropropane	78-87-5	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,3,5-Trimethylbenzene	108-67-8	120 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,3-Dichlorobenzene	541-73-1	None	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,3-Dichloropropane	142-28-9	370 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,4-Dichlorobenzene	106-46-7	75	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	2,2-Dichloropropane	594-20-7	None	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 2 U	
EPA 8260B	2-Butanone	78-93-3	5600 ⁿ	ug/L	< 2.0 U		< 2 U		< 2.0 U		< 2 U		< 2 U		< 5 U	
EPA 8260B	2-Chlorotoluene	95-49-8	240 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 1 U	
EPA 8260B	2-Hexanone	591-78-6	38 ⁿ	ug/L	< 2.0 U		< 2 U		< 2.0 U		< 2 U		< 2 U		< 5 U	
EPA 8260B	4-Chlorotoluene	106-43-4	250 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 1 U	
EPA 8260B	4-Methyl-2-pentanone	108-10-1	6300 ⁿ	ug/L	< 2.0 U		< 2 U		< 2.0 U		< 2 U		< 2 U		< 5 U	
EPA 8260B	Acetone	67-64-1	14000 ⁿ	ug/L	< 2.5 U		< 2.5 U		3.6	U	< 5 U		< 5 U		< 10 U	
EPA 8260B	Benzene	71-43-2	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Bromobenzene	108-86-1	62 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Bromochloromethane	74-97-5	83 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Bromodichloromethane	75-27-4	80	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Bromoform	75-25-2	80	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 2 U	
EPA 8260B	Bromomethane	74-83-9	7.5 ⁿ	ug/L	< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 5 U	
EPA 8260B	Carbon Disulfide	75-15-0	810 ⁿ	ug/L	< 0.50 U		< 0.5 U		< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U	

Table 1
East Area Groundwater Data Summary (MW-15)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

					Well ID		MW-15		MW-15		MW-15		MW-15		MW-15			
					Sample ID		MW-15-20122016		MW-15-16022017		MW-15-17052017		MW-15-16082017		MW-15-16112017		MW-15-22022018	
					Date		12/20/2016		2/16/2017		5/17/2017		8/16/2017		11/16/2017		2/22/2018	
					Sample Type		N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual		
EPA 8260B	Carbon Tetrachloride	56-23-5	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U			
EPA 8260B	Chlorobenzene	108-90-7	100	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U			
EPA 8260B	Chlorodibromomethane	124-48-1	80	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U			
EPA 8260B	Chloroethane	75-00-3	21000 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 1 U			
EPA 8260B	Chloroform	67-66-3	80	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U			
EPA 8260B	Chloromethane	74-87-3	190 ⁿ	ug/L	< 0.50 U		< 0.5 U		< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U			
EPA 8260B	cis-1,2-Dichloroethene	156-59-2	70	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U			
EPA 8260B	cis-1,3-Dichloropropene	10061-01-5	0.47	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U			
EPA 8260B	Dibromomethane	74-95-3	8.3 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U			
EPA 8260B	Dichlorodifluoromethane	75-71-8	200 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U			
EPA 8260B	Ethylbenzene	100-41-4	700	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U			
EPA 8260B	Fluorotrichloromethane	75-69-4	5200 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U			
EPA 8260B	Hexachlorobutadiene	87-68-3	6.5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U			
EPA 8260B	Isopropylbenzene	98-82-8	450 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U			
EPA 8260B	Methylene Chloride	75-09-2	5	ug/L	< 0.50 U		< 0.5 U		< 0.50 U		< 0.5 U		< 0.5 U		< 1 U			
EPA 8260B	Methyl-tert-butyl-ether	1634-04-4	14 ^c	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U			
EPA 8260B	Naphthalene	91-20-3	6.1 ^{c, a}	ug/L	< 0.50 U		< 0.5 U		< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U			
EPA 8260B	n-Butylbenzene	104-51-8	1000 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U			
EPA 8260B	n-Propylbenzene	103-65-1	660 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U			
EPA 8260B	p-Isopropyltoluene	99-87-6	None	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U			
EPA 8260B	sec-Butylbenzene	135-98-8	2000 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U			
EPA 8260B	Styrene	100-42-5	100	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U			
EPA 8260B	tert-Butylbenzene	98-06-6	690 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U			
EPA 8260B	Tetrachloroethene	127-18-4	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U			
EPA 8260B	Toluene	108-88-3	1000	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		0.15		< 0.5 U			
EPA 8260B	trans-1,2-Dichloroethene	156-60-5	100	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U			
EPA 8260B	trans-1,3-Dichloropropene	10061-02-6	0.47	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U			
EPA 8260B	Trichloroethene	79-01-6	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U			
EPA 8260B	Vinyl Chloride	75-01-4	2	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U			
EPA 8260B	Xylenes, Total	1330-20-7	10000	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 1.5 U			
EPA 8270D	2,2'-oxybis(1-Chloropropane)	108-60-1	710 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U			
EPA 8270D	2,4,6-Trichlorophenol	88-06-2	4.1 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U			
EPA 8270D	2,4-Dichlorophenol	120-83-2	46 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U			
EPA 8270D	2,4-Dimethylphenol	105-67-9	360 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U			
EPA 8270D	2,4-Dinitrophenol	51-28-5	39 ⁿ	ug/L	< 2.7 U		< 2.8 U		< 3.0 U		< 2.6 U		< 2.6 U		< 2.6 U			
EPA 8270D	2,4-Dinitrotoluene	121-14-2	24 ^{c, a}	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U			
EPA 8270D	2,6-Dinitrotoluene	606-20-2	4.9 ^{c, a}	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U			

Table 1
East Area Groundwater Data Summary (MW-15)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

				Well ID	MW-15		MW-15		MW-15		MW-15		MW-15		MW-15	
				Sample ID	MW-15-20122016		MW-15-16022017		MW-15-17052017		MW-15-16082017		MW-15-16112017		MW-15-22022018	
				Date	12/20/2016		2/16/2017		5/17/2017		8/16/2017		11/16/2017		2/22/2018	
				Sample Type	N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8270D	2-Chloronaphthalene	91-58-7	750 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2-Chlorophenol	95-57-8	91 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2-Methylnaphthalene	91-57-6	36 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2-Methylphenol	95-48-7	930 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2-Nitroaniline	88-74-4	190 ⁿ	ug/L	< 2.7 U		< 2.8 U		< 3.0 U		< 2.6 U		< 2.6 U		< 2.6 U	
EPA 8270D	2-Nitrophenol	88-75-5	None	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	3 & 4-Methylphenol	MEPH3MEPH4	930 ⁿ	ug/L	< 2.1 U		< 2.2 U		< 2.4 U		< 2.1 U		< 2.1 U		< 2 U	
EPA 8270D	3,3-Dichlorobenzidine	91-94-1	13 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	3-Nitroaniline	99-09-2	None	ug/L	< 2.7 U		< 2.8 U		< 3.0 U		< 2.6 U		< 2.6 U		< 2.6 U	
EPA 8270D	4,6-Dinitro-2-methylphenol	534-52-1	1.5 ^{n,a}	ug/L	< 2.7 U		< 2.8 U		< 3.0 U		< 2.6 U		< 2.6 U		< 2.6 U	
EPA 8270D	4-Bromophenyl Phenyl Ether	101-55-3	None	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	4-Chloro-3-methylphenol	59-50-7	1400 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	4-Chloroaniline	106-47-8	37 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	4-Chlorophenyl Phenyl Ether	7005-72-3	None	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	4-Nitroaniline	100-01-6	3.8 ^c	ug/L	< 2.7 U		< 2.8 U		< 3.0 U		< 2.6 U		< 2.6 U		< 2.6 U	
EPA 8270D	4-Nitrophenol	100-02-7	None	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Acenaphthene	83-32-9	530 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Acenaphthylene	208-96-8	None	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Aniline	62-53-3	13 ^c	ug/L	< 2.7 U		< 2.8 U		< 3.0 U		< 2.6 U		< 2.6 U		< 2.6 U	
EPA 8270D	Anthracene	120-12-7	1800 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Benzo(a)anthracene	56-55-3	1.2 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Benzo(a)pyrene	50-32-8	0.2	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Benzoic Acid	65-85-0	75000 ⁿ	ug/L	< 26.7 U		< 28.1 U		< 30.3 U		< 26.2 U		< 25.9 U		< 25.5 U	
EPA 8270D	bis(2-Chloroethyl)ether	111-44-4	0.014 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	bis(2-Ethylhexyl)phthalate	117-81-7	6	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Butylbenzylphthalate	85-68-7	16 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Chrysene	218-01-9	3.4 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Dibenzo(a,h)anthracene	53-70-3	0.34 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Dibenzofuran	132-64-9	7.9 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Diethylphthalate	84-66-2	15000 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Dimethylphthalate	131-11-3	None	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Di-n-butylphthalate	84-74-2	900 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Di-n-octylphthalate	117-84-0	200 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Fluoranthene	206-44-0	800 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Fluorene	86-73-7	290 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Hexachlorobenzene	118-74-1	1	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	

Table 1
East Area Groundwater Data Summary (MW-15)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Well ID		MW-15		MW-15		MW-15		MW-15		MW-15			
					Sample ID	Date	MW-15-20122016		MW-15-16022017		MW-15-17052017		MW-15-16082017		MW-15-16112017		MW-15-22022018	
							12/20/2016		2/16/2017		5/17/2017		8/16/2017		11/16/2017		2/22/2018	
							N		N		N		N		N		N	
Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual					
EPA 8270D	Hexachlorocyclopentadiene	77-47-4	50	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U			
EPA 8270D	Hexachloroethane	67-72-1	6.2 ^{c, a}	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U			
EPA 8270D	Indeno(1,2,3-cd)pyrene	193-39-5	3.4 ^{c, a}	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U			
EPA 8270D	Isophorone	78-59-1	78 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U			
EPA 8270D	Nitrobenzene	98-95-3	13 ^{c, a}	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U			
EPA 8270D	N-Nitrosodi-n-propylamine	621-64-7	1.1 ^{c, a}	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U			
EPA 8270D	N-Nitrosodiphenylamine	86-30-6	12 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U			
EPA 8270D	Pentachlorophenol	87-86-5	1	ug/L	< 2.7 U		< 2.8 U		< 3.0 U		< 2.6 U		< 2.6 U		< 2.6 U			
EPA 8270D	Phenanthrene	85-01-8	None	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U			
EPA 8270D	Phenol	108-95-2	5800 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U			
EPA 8270D	Pyrene	129-00-0	120 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.2 U		< 1 U		< 1 U		< 1 U			
SW846 8290	1,2,3,4,6,7,8-HpCDD	35822-46-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U			
SW846 8290	1,2,3,4,6,7,8-HpCDF	67562-39-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U			
SW846 8290	1,2,3,4,7,8,9-HpCDF	55673-89-7	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U			
SW846 8290	1,2,3,4,7,8-HxCDD	39227-28-6	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U			
SW846 8290	1,2,3,4,7,8-HxCDF	70648-26-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U			
SW846 8290	1,2,3,6,7,8-HxCDD	57653-85-7	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U			
SW846 8290	1,2,3,6,7,8-HxCDF	57117-44-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U			
SW846 8290	1,2,3,7,8,9-HxCDD	19408-74-3	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U			
SW846 8290	1,2,3,7,8,9-HxCDF	72918-21-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U			
SW846 8290	1,2,3,7,8-PeCDD	40321-76-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U			
SW846 8290	1,2,3,7,8-PeCDF	57117-41-6	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U			
SW846 8290	2,3,4,6,7,8-HxCDF	60851-34-5	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U			
SW846 8290	2,3,4,7,8-PeCDF	57117-31-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U			
SW846 8290	2,3,7,8-TCDF	51207-31-9	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U			
SW846 8290	2,3,7,8-Tetrachlorodibenzo-p-Dioxin	1746-01-6	30	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U			
SW846 8290	OCDD	3268-87-9	None	pg/L	< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U			
SW846 8290	OCDF	39001-02-0	None	pg/L	< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U			
SW846 8290	Total HpCDD	37871-00-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U			
SW846 8290	Total HpCDF	38998-75-3	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U			
SW846 8290	Total HxCDD	34465-46-8	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U			
SW846 8290	Total HxCDF	55684-94-1	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U			
SW846 8290	Total PeCDD	36088-22-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U			
SW846 8290	Total PeCDF	30402-15-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U			
SW846 8290	Total TCDD	41903-57-5	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U			
SW846 8290	Total TCDF	55722-27-5	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U			
Notes:																		

Table 1
East Area Groundwater Data Summary (MW-15)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

				Well ID	MW-15		MW-15		MW-15		MW-15		MW-15		MW-15		MW-15		MW-15		MW-15	
				Sample ID	MW-15-10122019		MW-15-25022020		MW-15-16062020		MW-15-2582020		MW-15-18112020		MW-15-10032021		MW-15-25052021		MW-15-18082021		MW-15-03112021	
				Date	12/10/2019		2/25/2020		6/16/2020		8/25/2020		11/18/2020		3/10/2021		5/25/2021		8/18/2021		11/3/2021	
				Sample Type	N		N		N		N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	31.9		28.1		32.3		31.9		28.0		30.7		31.6		29.9		29.0	

Notes:

- * Project Quantitation Limit Goals are analytical goals listed solely for the purpose of evaluating laboratory analytical methods and achievable laboratory limits; these are not project-specific screening levels and are not approved by USEPA or MDNR as the appropriate risk assessment values for this project. The risk assessment values will be developed in subsequent phases of the project.
- + MCL or RSL not established
- c USEPA Tapwater Regional Screening Level (cancer)
- n USEPA Tapwater Regional Screening Level (noncancer)
- a Regional Screening Level adjusted to 10⁻⁴
- No analysis performed.
- U The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
- J The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
- J- The result is an estimated quantity, but the result may be biased low.
- UJ The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

**Table 1
East Area Groundwater Data Summary (MW-15A)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO**

Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Well ID		MW-15A		MW-15A		MW-15A		MW-15A		MW-15A	
					Sample ID	Sample ID	MW-15A-15122016	MW-15A-16022017	MW-15A-17052017	MW-15A-15082017	MW-15A-16112017	MW-15A-21022018				
					Date	Date	12/15/2016	2/16/2017	5/17/2017	8/15/2017	11/16/2017	2/21/2018				
					Sample Type	Sample Type	N	N	N	N	N	N				
					Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	6.8		7.1		9.5	J-	7.1		10.2		5.3	
EPA 604.1	Hexachlorophene	70-30-4	6 ^{n,a}	ug/L	< 17.5 U		< 10.6 U		< 10.8 U		< 10 U		< 10.9 U		< 10 U	
EPA 8260B	1,1,1,2-Tetrachloroethane	630-20-6	0.57 ^c	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1,1-Trichloroethane	71-55-6	200	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1,2,2-Tetrachloroethane	79-34-5	7.6 ^{c,a}	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1,2-Trichloroethane	79-00-5	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1-Dichloroethane	75-34-3	2.8 ^c	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1-Dichloroethene	75-35-4	7	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1-Dichloropropene	563-58-6	None	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2,3-Trichlorobenzene	87-61-6	7 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2,3-Trichloropropane	96-18-4	0.075 ^{c,a}	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2,4-Trichlorobenzene	120-82-1	70	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2,4-Trimethylbenzene	95-63-6	15 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2-Dibromo-3-chloropropane	96-12-8	0.2	ug/L	< 0.50 U		< 0.5 U		< 0.50 U		< 0.5 U		< 0.5 U		< 2 U	
EPA 8260B	1,2-Dibromoethane	106-93-4	0.05	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2-Dichlorobenzene	95-50-1	600	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2-Dichloroethane	107-06-2	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2-Dichloroethene, Total	540-59-0	None	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2-Dichloropropane	78-87-5	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,3,5-Trimethylbenzene	108-67-8	120 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,3-Dichlorobenzene	541-73-1	None	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,3-Dichloropropane	142-28-9	370 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,4-Dichlorobenzene	106-46-7	75	ug/L	0.032		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	2,2-Dichloropropane	594-20-7	None	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 2 U	
EPA 8260B	2-Butanone	78-93-3	5600 ⁿ	ug/L	0.12		< 2 U		< 2.0 U		< 2 U		< 2 U		< 5 U	
EPA 8260B	2-Chlorotoluene	95-49-8	240 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 1 U	
EPA 8260B	2-Hexanone	591-78-6	38 ⁿ	ug/L	0.099		< 2 U		< 2.0 U		< 2 U		< 2 U		< 5 U	
EPA 8260B	4-Chlorotoluene	106-43-4	250 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 1 U	
EPA 8260B	4-Methyl-2-pentanone	108-10-1	6300 ⁿ	ug/L	< 2.0 U		< 2 U		< 2.0 U		< 2 U		< 2 U		< 5 U	
EPA 8260B	Acetone	67-64-1	14000 ⁿ	ug/L	0.62		< 2.5 U		18.5	U	< 5 U		< 5 U		< 10 U	
EPA 8260B	Benzene	71-43-2	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Bromobenzene	108-86-1	62 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Bromochloromethane	74-97-5	83 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Bromodichloromethane	75-27-4	80	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Bromoform	75-25-2	80	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 2 U	
EPA 8260B	Bromomethane	74-83-9	7.5 ⁿ	ug/L	0.068		< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 5 U	
EPA 8260B	Carbon Disulfide	75-15-0	810 ⁿ	ug/L	< 0.50 U		< 0.5 U		< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U	

Table 1
East Area Groundwater Data Summary (MW-15A)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

				Well ID	MW-15A		MW-15A		MW-15A		MW-15A		MW-15A		MW-15A	
				Sample ID	MW-15A-15122016		MW-15A-16022017		MW-15A-17052017		MW-15A-15082017		MW-15A-16112017		MW-15A-21022018	
				Date	12/15/2016		2/16/2017		5/17/2017		8/15/2017		11/16/2017		2/21/2018	
				Sample Type	N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8260B	Carbon Tetrachloride	56-23-5	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Chlorobenzene	108-90-7	100	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Chlorodibromomethane	124-48-1	80	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Chloroethane	75-00-3	21000 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 1 U	
EPA 8260B	Chloroform	67-66-3	80	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Chloromethane	74-87-3	190 ⁿ	ug/L	< 0.50 U		< 0.5 U		0.56		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	cis-1,2-Dichloroethene	156-59-2	70	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	cis-1,3-Dichloropropene	10061-01-5	0.47	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Dibromomethane	74-95-3	8.3 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Dichlorodifluoromethane	75-71-8	200 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Ethylbenzene	100-41-4	700	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Fluorotrichloromethane	75-69-4	5200 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Hexachlorobutadiene	87-68-3	6.5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Isopropylbenzene	98-82-8	450 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Methylene Chloride	75-09-2	5	ug/L	< 0.50 U		< 0.5 U		< 0.50 U		< 0.5 U		< 0.5 U		< 1 U	
EPA 8260B	Methyl-tert-butyl-ether	1634-04-4	14 ^c	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Naphthalene	91-20-3	6.1 ^{c,a}	ug/L	< 0.50 U		< 0.5 U		< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	n-Butylbenzene	104-51-8	1000 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	n-Propylbenzene	103-65-1	660 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	p-Isopropyltoluene	99-87-6	None	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	sec-Butylbenzene	135-98-8	2000 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Styrene	100-42-5	100	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	tert-Butylbenzene	98-06-6	690 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Tetrachloroethene	127-18-4	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Toluene	108-88-3	1000	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	trans-1,2-Dichloroethene	156-60-5	100	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	trans-1,3-Dichloropropene	10061-02-6	0.47	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Trichloroethene	79-01-6	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Vinyl Chloride	75-01-4	2	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Xylenes, Total	1330-20-7	10000	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 1.5 U	
EPA 8270D	2,2'-oxybis(1-Chloropropane)	108-60-1	710 ⁿ	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	2,4,6-Trichlorophenol	88-06-2	4.1 ^c	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	2,4-Dichlorophenol	120-83-2	46 ⁿ	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	2,4-Dimethylphenol	105-67-9	360 ⁿ	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	2,4-Dinitrophenol	51-28-5	39 ⁿ	ug/L	< 3.8 U		< 2.9 U		< 2.9 U		< 3.7 U		< 3 U		< 2.5 U	
EPA 8270D	2,4-Dinitrotoluene	121-14-2	24 ^{c,a}	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	2,6-Dinitrotoluene	606-20-2	4.9 ^{c,a}	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	

Table 1
East Area Groundwater Data Summary (MW-15A)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

					Well ID		MW-15A		MW-15A		MW-15A		MW-15A		MW-15A	
					Sample ID		MW-15A-15122016	MW-15A-16022017	MW-15A-17052017	MW-15A-15082017	MW-15A-16112017	MW-15A-21022018				
					Date		12/15/2016	2/16/2017	5/17/2017	8/15/2017	11/16/2017	2/21/2018				
					Sample Type		N	N	N	N	N	N				
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8270D	2-Chloronaphthalene	91-58-7	750 ⁿ	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	2-Chlorophenol	95-57-8	91 ⁿ	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	2-Methylnaphthalene	91-57-6	36 ⁿ	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	2-Methylphenol	95-48-7	930 ⁿ	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	2-Nitroaniline	88-74-4	190 ⁿ	ug/L	< 3.8 U		< 2.9 U		< 2.9 U		< 3.7 U		< 3 U		< 2.5 U	
EPA 8270D	2-Nitrophenol	88-75-5	None	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	3 & 4-Methylphenol	MEPH3MEPH4	930 ⁿ	ug/L	< 3.0 U		< 2.3 U		< 2.3 U		< 3 U		< 2.4 U		< 2 U	
EPA 8270D	3,3-Dichlorobenzidine	91-94-1	13 ^{c,a}	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	3-Nitroaniline	99-09-2	None	ug/L	< 3.8 U		< 2.9 U		< 2.9 U		< 3.7 U		< 3 U		< 2.5 U	
EPA 8270D	4,6-Dinitro-2-methylphenol	534-52-1	1.5 ^{n,a}	ug/L	< 3.8 U		< 2.9 U		< 2.9 U		< 3.7 U		< 3 U		< 2.5 U	
EPA 8270D	4-Bromophenyl Phenyl Ether	101-55-3	None	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	4-Chloro-3-methylphenol	59-50-7	1400 ⁿ	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	4-Chloroaniline	106-47-8	37 ^{c,a}	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	4-Chlorophenyl Phenyl Ether	7005-72-3	None	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	4-Nitroaniline	100-01-6	3.8 ^c	ug/L	< 3.8 U		< 2.9 U		< 2.9 U		< 3.7 U		< 3 U		< 2.5 U	
EPA 8270D	4-Nitrophenol	100-02-7	None	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	Acenaphthene	83-32-9	530 ⁿ	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	Acenaphthylene	208-96-8	None	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	Aniline	62-53-3	13 ^c	ug/L	< 3.8 U		< 2.9 U		< 2.9 U		< 3.7 U		< 3 U		< 2.5 U	
EPA 8270D	Anthracene	120-12-7	1800 ⁿ	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	Benzo(a)anthracene	56-55-3	1.2 ^{c,a}	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	Benzo(a)pyrene	50-32-8	0.2	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	Benzoic Acid	65-85-0	75000 ⁿ	ug/L	< 37.9 U		< 28.7 U		< 28.7 U		< 37.3 U		< 30.5 U		< 25.3 U	
EPA 8270D	bis(2-Chloroethyl)ether	111-44-4	0.014 ^c	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	bis(2-Ethylhexyl)phthalate	117-81-7	6	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	Butylbenzylphthalate	85-68-7	16 ^c	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	Chrysene	218-01-9	3.4 ^c	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	Dibenzo(a,h)anthracene	53-70-3	0.34 ^{c,a}	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	Dibenzofuran	132-64-9	7.9 ⁿ	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	Diethylphthalate	84-66-2	15000 ⁿ	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	Dimethylphthalate	131-11-3	None	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	Di-n-butylphthalate	84-74-2	900 ⁿ	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	Di-n-octylphthalate	117-84-0	200 ⁿ	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	Fluoranthene	206-44-0	800 ⁿ	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	Fluorene	86-73-7	290 ⁿ	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	Hexachlorobenzene	118-74-1	1	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	

Table 1
East Area Groundwater Data Summary (MW-15A)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Well ID		MW-15A		MW-15A		MW-15A		MW-15A		MW-15A	
					Sample ID	Sample ID	MW-15A-15122016	MW-15A-16022017	MW-15A-17052017	MW-15A-15082017	MW-15A-16112017	MW-15A-21022018				
					Date	Date	12/15/2016	2/16/2017	5/17/2017	8/15/2017	11/16/2017	2/21/2018				
					Sample Type	Sample Type	N	N	N	N	N	N				
Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	
EPA 8270D	Hexachlorocyclopentadiene	77-47-4	50	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	Hexachloroethane	67-72-1	6.2 ^{c,a}	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	Indeno(1,2,3-cd)pyrene	193-39-5	3.4 ^{c,a}	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	Isophorone	78-59-1	78 ^c	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	Nitrobenzene	98-95-3	13 ^{c,a}	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	N-Nitrosodi-n-propylamine	621-64-7	1.1 ^{c,a}	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	N-Nitrosodiphenylamine	86-30-6	12 ^c	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	Pentachlorophenol	87-86-5	1	ug/L	< 3.8 U		< 2.9 U		< 2.9 U		< 3.7 U		< 3 U		< 2.5 U	
EPA 8270D	Phenanthrene	85-01-8	None	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	Phenol	108-95-2	5800 ⁿ	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
EPA 8270D	Pyrene	129-00-0	120 ⁿ	ug/L	< 1.5 U		< 1.1 U		< 1.1 U		< 1.5 U		< 1.2 U		< 1 U	
SW846 8290	1,2,3,4,6,7,8-HpCDD	35822-46-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,6,7,8-HpCDF	67562-39-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8,9-HpCDF	55673-89-7	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8-HxCDD	39227-28-6	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8-HxCDF	70648-26-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,6,7,8-HxCDD	57653-85-7	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,6,7,8-HxCDF	57117-44-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8,9-HxCDD	19408-74-3	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8,9-HxCDF	72918-21-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8-PeCDD	40321-76-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8-PeCDF	57117-41-6	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,4,6,7,8-HxCDF	60851-34-5	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,4,7,8-PeCDF	57117-31-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,7,8-TCDF	51207-31-9	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	2,3,7,8-Tetrachlorodibenzo-p-Dioxin	1746-01-6	30	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	OCDD	3268-87-9	None	pg/L	< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U	
SW846 8290	OCDF	39001-02-0	None	pg/L	< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U	
SW846 8290	Total HpCDD	37871-00-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HpCDF	38998-75-3	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HxCDD	34465-46-8	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HxCDF	55684-94-1	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total PeCDD	36088-22-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total PeCDF	30402-15-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total TCDD	41903-57-5	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	Total TCDF	55722-27-5	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	

Table 1
East Area Groundwater Data Summary (MW-15A)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

					Well ID		MW-15A		MW-15A		MW-15A		MW-15A		MW-15A		MW-15A		MW-15A		MW-15A			
					Sample ID		MW-15A-09122019		MW-15A-24022020		MW-15A-15062020		MW-15A-25082020		MW-15A-17112020		MW-15A-10032021		MW-15A-25052021		MW-15A-18082021		MW-15A-04112021	
					Date		12/9/2019		2/24/2020		6/15/2020		8/25/2020		11/17/2020		3/10/2021		5/25/2021		8/18/2021		11/4/2021	
					Sample Type		N		N		N		N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual		
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	8.5		9.8		10		9.9		6.2		9.5		9.3		9.6		6.3			

Notes:

- * Project Quantitation Limit Goals are analytical goals listed solely for the purpose of evaluating laboratory analytical methods and achievable laboratory limits; these are not project-specific screening levels and are not approved by USEPA or MDNR as the appropriate risk assessment values for this project. The risk assessment values will be developed in subsequent phases of the project.
- + MCL or RSL not established
- c USEPA Tapwater Regional Screening Level (cancer)
- n USEPA Tapwater Regional Screening Level (noncancer)
- a Regional Screening Level adjusted to 10⁻⁴
- No analysis performed.
- U The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
- J The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
- J- The result is an estimated quantity, but the result may be biased low.
- UJ The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

Table 1
East Area Groundwater Data Summary (MW-15B)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Well ID		MW-15B		MW-15B		MW-15B		MW-15B		MW-15B	
					Sample ID	Sample ID	MW-15B-15122016	MW-15B-17022017	MW-15B-18052017	MW-15B-16082017	MW-15B-16112017	MW-15B-22022018				
					Date	Date	12/15/2016	2/17/2017	5/18/2017	8/16/2017	11/16/2017	2/22/2018				
					Sample Type	Sample Type	N	N	N	N	N	N				
Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	244		242		239		9.5	J	150		149	
EPA 604.1	Hexachlorophene	70-30-4	6 ^{n,a}	ug/L	< 10.3 U		< 10 U		< 10.2 U		< 10 U		< 10.9 U		< 10 U	
EPA 8260B	1,1,1,2-Tetrachloroethane	630-20-6	0.57 ^c	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	1,1,1-Trichloroethane	71-55-6	200	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	1,1,2,2-Tetrachloroethane	79-34-5	7.6 ^{c,a}	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	1,1,2-Trichloroethane	79-00-5	5	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	1,1-Dichloroethane	75-34-3	2.8 ^c	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	1,1-Dichloroethene	75-35-4	7	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	1,1-Dichloropropene	563-58-6	None	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	1,2,3-Trichlorobenzene	87-61-6	7 ⁿ	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	1,2,3-Trichloropropane	96-18-4	0.075 ^{c,a}	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	1,2,4-Trichlorobenzene	120-82-1	70	ug/L	0.054		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	1,2,4-Trimethylbenzene	95-63-6	15 ⁿ	ug/L	0.12		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	1,2-Dibromo-3-chloropropane	96-12-8	0.2	ug/L	< 1.0 U		< 1 U		< 1.0 U		< 1 U		< 1 U		< 2 U	
EPA 8260B	1,2-Dibromoethane	106-93-4	0.05	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	1,2-Dichlorobenzene	95-50-1	600	ug/L	0.13		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	1,2-Dichloroethane	107-06-2	5	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	1,2-Dichloroethene, Total	540-59-0	None	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	1,2-Dichloropropane	78-87-5	5	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	1,3,5-Trimethylbenzene	108-67-8	120 ⁿ	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	1,3-Dichlorobenzene	541-73-1	None	ug/L	0.65		0.58		0.35		0.3		0.51		< 0.5 U	
EPA 8260B	1,3-Dichloropropane	142-28-9	370 ⁿ	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	1,4-Dichlorobenzene	106-46-7	75	ug/L	3.8		3.5		2.6		3		3.3		2.8	
EPA 8260B	2,2-Dichloropropane	594-20-7	None	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 2 U	
EPA 8260B	2-Butanone	78-93-3	5600 ⁿ	ug/L	< 4.0 U		< 4 U		< 4.0 U		< 4 U		< 4 U		< 5 U	
EPA 8260B	2-Chlorotoluene	95-49-8	240 ⁿ	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 1 U	
EPA 8260B	2-Hexanone	591-78-6	38 ⁿ	ug/L	0.093		< 4 U		< 4.0 U		< 4 U		< 4 U		< 5 U	
EPA 8260B	4-Chlorotoluene	106-43-4	250 ⁿ	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 1 U	
EPA 8260B	4-Methyl-2-pentanone	108-10-1	6300 ⁿ	ug/L	< 4.0 U		< 4 U		< 4.0 U		< 4 U		< 4 U		< 5 U	
EPA 8260B	Acetone	67-64-1	14000 ⁿ	ug/L	1.3		< 5 U		7.4	U	< 10 U		< 10 U		< 10 U	
EPA 8260B	Benzene	71-43-2	5	ug/L	0.59		0.56		0.36		0.72		0.75		< 0.5 U	
EPA 8260B	Bromobenzene	108-86-1	62 ⁿ	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	Bromochloromethane	74-97-5	83 ⁿ	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	Bromodichloromethane	75-27-4	80	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	Bromoform	75-25-2	80	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 2 U	
EPA 8260B	Bromomethane	74-83-9	7.5 ⁿ	ug/L	< 5.0 U		< 5 U		< 5.0 U		< 5 U		< 5 U		< 5 U	
EPA 8260B	Carbon Disulfide	75-15-0	810 ⁿ	ug/L	< 1.0 U		< 1 U		< 1.0 U		< 1 U		< 1 U		< 0.5 U	

**Table 1
East Area Groundwater Data Summary (MW-15B)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO**

				Well ID	MW-15B		MW-15B		MW-15B		MW-15B		MW-15B		MW-15B	
				Sample ID	MW-15B-15122016		MW-15B-17022017		MW-15B-18052017		MW-15B-16082017		MW-15B-16112017		MW-15B-22022018	
				Date	12/15/2016		2/17/2017		5/18/2017		8/16/2017		11/16/2017		2/22/2018	
				Sample Type	N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8260B	Carbon Tetrachloride	56-23-5	5	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	Chlorobenzene	108-90-7	100	ug/L	44.3		41.4		28.1		32.1		45.5		35.1	
EPA 8260B	Chlorodibromomethane	124-48-1	80	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	Chloroethane	75-00-3	21000 ⁿ	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 1 U	
EPA 8260B	Chloroform	67-66-3	80	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	Chloromethane	74-87-3	190 ⁿ	ug/L	< 1.0 U		< 1 U		< 1.0 U		< 1 U		< 1 U		< 0.5 U	
EPA 8260B	cis-1,2-Dichloroethene	156-59-2	70	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	cis-1,3-Dichloropropene	10061-01-5	0.47	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	Dibromomethane	74-95-3	8.3 ⁿ	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	Dichlorodifluoromethane	75-71-8	200 ⁿ	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	Ethylbenzene	100-41-4	700	ug/L	0.13		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	Fluorotrichloromethane	75-69-4	5200 ⁿ	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	Hexachlorobutadiene	87-68-3	6.5	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	Isopropylbenzene	98-82-8	450 ⁿ	ug/L	0.19		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	Methylene Chloride	75-09-2	5	ug/L	< 1.0 U		< 1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8260B	Methyl-tert-butyl-ether	1634-04-4	14 ^c	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	Naphthalene	91-20-3	6.1 ^{c, a}	ug/L	0.062		< 1 U		< 1.0 U		< 1 U		< 1 U		< 0.5 U	
EPA 8260B	n-Butylbenzene	104-51-8	1000 ⁿ	ug/L	0.14		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	n-Propylbenzene	103-65-1	660 ⁿ	ug/L	0.065		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	p-Isopropyltoluene	99-87-6	None	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	sec-Butylbenzene	135-98-8	2000 ⁿ	ug/L	0.12		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	Styrene	100-42-5	100	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	tert-Butylbenzene	98-06-6	690 ⁿ	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	Tetrachloroethene	127-18-4	5	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	Toluene	108-88-3	1000	ug/L	0.18		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	trans-1,2-Dichloroethene	156-60-5	100	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	trans-1,3-Dichloropropene	10061-02-6	0.47	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	Trichloroethene	79-01-6	5	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	Vinyl Chloride	75-01-4	2	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.5 U	
EPA 8260B	Xylenes, Total	1330-20-7	10000	ug/L	1.6		0.87		< 0.40 U		< 0.4 U		< 0.4 U		< 1.5 U	
EPA 8270D	2,2'-oxybis(1-Chloropropane)	108-60-1	710 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2,4,6-Trichlorophenol	88-06-2	4.1 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2,4-Dichlorophenol	120-83-2	46 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2,4-Dimethylphenol	105-67-9	360 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2,4-Dinitrophenol	51-28-5	39 ⁿ	ug/L	< 2.7 U		< 2.7 U		< 2.6 U		< 2.6 U		< 2.6 U		< 2.5 U	
EPA 8270D	2,4-Dinitrotoluene	121-14-2	24 ^{c, a}	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2,6-Dinitrotoluene	606-20-2	4.9 ^{c, a}	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	

Table 1
East Area Groundwater Data Summary (MW-15B)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

					MW-15B		MW-15B		MW-15B		MW-15B		MW-15B		MW-15B	
					MW-15B-15122016		MW-15B-17022017		MW-15B-18052017		MW-15B-16082017		MW-15B-16112017		MW-15B-22022018	
					12/15/2016		2/17/2017		5/18/2017		8/16/2017		11/16/2017		2/22/2018	
					N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8270D	2-Chloronaphthalene	91-58-7	750 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2-Chlorophenol	95-57-8	91 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2-Methylnaphthalene	91-57-6	36 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2-Methylphenol	95-48-7	930 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2-Nitroaniline	88-74-4	190 ⁿ	ug/L	< 2.7 U		< 2.7 U		< 2.6 U		< 2.6 U		< 2.6 U		< 2.5 U	
EPA 8270D	2-Nitrophenol	88-75-5	None	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	3 & 4-Methylphenol	MEPH3MEPH4	930 ⁿ	ug/L	< 2.2 U		< 2.2 U		< 2.1 U		< 2.1 U		< 2.1 U		< 2 U	
EPA 8270D	3,3-Dichlorobenzidine	91-94-1	13 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	3-Nitroaniline	99-09-2	None	ug/L	< 2.7 U		< 2.7 U		< 2.6 U		< 2.6 U		< 2.6 U		< 2.5 U	
EPA 8270D	4,6-Dinitro-2-methylphenol	534-52-1	1.5 ^{n,a}	ug/L	< 2.7 U		< 2.7 U		< 2.6 U		< 2.6 U		< 2.6 U		< 2.5 U	
EPA 8270D	4-Bromophenyl Phenyl Ether	101-55-3	None	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	4-Chloro-3-methylphenol	59-50-7	1400 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	4-Chloroaniline	106-47-8	37 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	4-Chlorophenyl Phenyl Ether	7005-72-3	None	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	4-Nitroaniline	100-01-6	3.8 ^c	ug/L	< 2.7 U		< 2.7 U		< 2.6 U		< 2.6 U		< 2.6 U		< 2.5 U	
EPA 8270D	4-Nitrophenol	100-02-7	None	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Acenaphthene	83-32-9	530 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Acenaphthylene	208-96-8	None	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Aniline	62-53-3	13 ^c	ug/L	< 2.7 U		< 2.7 U		< 2.6 U		< 2.6 U		< 2.6 U		< 2.5 U	
EPA 8270D	Anthracene	120-12-7	1800 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Benzo(a)anthracene	56-55-3	1.2 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Benzo(a)pyrene	50-32-8	0.2	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Benzoic Acid	65-85-0	75000 ⁿ	ug/L	< 27.5 U		< 27.3 U		< 25.9 U		< 25.8 U		< 26 U		< 25.3 U	
EPA 8270D	bis(2-Chloroethyl)ether	111-44-4	0.014 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	bis(2-Ethylhexyl)phthalate	117-81-7	6	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Butylbenzylphthalate	85-68-7	16 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Chrysene	218-01-9	3.4 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Dibenzo(a,h)anthracene	53-70-3	0.34 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Dibenzofuran	132-64-9	7.9 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Diethylphthalate	84-66-2	15000 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Dimethylphthalate	131-11-3	None	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Di-n-butylphthalate	84-74-2	900 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Di-n-octylphthalate	117-84-0	200 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Fluoranthene	206-44-0	800 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Fluorene	86-73-7	290 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Hexachlorobenzene	118-74-1	1	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	

Table 1
East Area Groundwater Data Summary (MW-15B)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

				Well ID	MW-15B		MW-15B		MW-15B		MW-15B		MW-15B		MW-15B	
				Sample ID	MW-15B-15122016		MW-15B-17022017		MW-15B-18052017		MW-15B-16082017		MW-15B-16112017		MW-15B-22022018	
				Date	12/15/2016		2/17/2017		5/18/2017		8/16/2017		11/16/2017		2/22/2018	
				Sample Type	N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8270D	Hexachlorocyclopentadiene	77-47-4	50	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Hexachloroethane	67-72-1	6.2 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Indeno(1,2,3-cd)pyrene	193-39-5	3.4 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Isophorone	78-59-1	78 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Nitrobenzene	98-95-3	13 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	N-Nitrosodi-n-propylamine	621-64-7	1.1 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	N-Nitrosodiphenylamine	86-30-6	12 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Pentachlorophenol	87-86-5	1	ug/L	< 2.7 U		< 2.7 U		< 2.6 U		< 2.6 U		< 2.6 U		< 2.5 U	
EPA 8270D	Phenanthrene	85-01-8	None	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Phenol	108-95-2	5800 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Pyrene	129-00-0	120 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
SW846 8290	1,2,3,4,6,7,8-HpCDD	35822-46-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,6,7,8-HpCDF	67562-39-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8,9-HpCDF	55673-89-7	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8-HxCDD	39227-28-6	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8-HxCDF	70648-26-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,6,7,8-HxCDD	57653-85-7	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,6,7,8-HxCDF	57117-44-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8,9-HxCDD	19408-74-3	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8,9-HxCDF	72918-21-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8-PeCDD	40321-76-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8-PeCDF	57117-41-6	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,4,6,7,8-HxCDF	60851-34-5	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,4,7,8-PeCDF	57117-31-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,7,8-TCDF	51207-31-9	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	2,3,7,8-Tetrachlorodibenzo-p-Dioxin	1746-01-6	30	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	OCDD	3268-87-9	None	pg/L	< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U	
SW846 8290	OCDF	39001-02-0	None	pg/L	< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U	
SW846 8290	Total HpCDD	37871-00-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HpCDF	38998-75-3	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HxCDD	34465-46-8	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HxCDF	55684-94-1	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total PeCDD	36088-22-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total PeCDF	30402-15-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total TCDD	41903-57-5	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	Total TCDF	55722-27-5	None	pg/L	19		< 10 U		20		18		< 10 U		< 10 U	

**Table 1
East Area Groundwater Data Summary (MW-15B)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO**

					Well ID		MW-15B		MW-15B		MW-15B		MW-15B		MW-15B		MW-15B		MW-15B		MW-15B			
					Sample ID		MW-15B-11122019		MW-15B-25022020		MW-15B-16062020		MW-15B-27082020		MW-15B-19112020		MW-15B-22032021		MW-15B-26052021		MW-15B-18082021		MW-15B-04112021	
					Date		12/11/2019		2/25/2020		6/16/2020		8/27/2020		11/19/2020		3/22/2021		5/26/2021		8/18/2021		11/4/2021	
					Sample Type		N		N		N		N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual		
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	137		81.5		186		182		172		121		133		160		143			
EPA 8260B	Chlorobenzene	108-90-7	100	ug/L	49.5		34.3		45.4		68.7		64.9		36.6		46.5		62.7		49.6			

Notes:

- * Project Quantitation Limit Goals are analytical goals listed solely for the purpose of evaluating laboratory analytical methods and achievable laboratory limits; these are not project-specific screening levels and are not approved by USEPA or MDNR as the appropriate risk assessment values for this project. The risk assessment values will be developed in subsequent phases of the project.
- + MCL or RSL not established
- c USEPA Tapwater Regional Screening Level (cancer)
- n USEPA Tapwater Regional Screening Level (noncancer)
- a Regional Screening Level adjusted to 10⁻⁴
- No analysis performed.
- U The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
- J The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
- J- The result is an estimated quantity, but the result may be biased low.
- UJ The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

Table 1
East Area Groundwater Data Summary (MW-16)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

			Well ID	MW-16		MW-16		MW-16		MW-16		MW-16		MW-16		MW-16		MW-16		MW-16		MW-16						
			Sample ID	MW-16-20122016	MW-DUP01-20122016	MW-16-14022017	MW-DUP01-14022017	MW-16-16052017	MW-DUP01-16052017	MW-16-14082017	MW-DUP01-14082017	MW-16-15112017	MW-DUP01-15112017	MW-16-20022018	MW-DUP01-20022018													
			Date	12/20/2016	12/20/2016	2/14/2017	2/14/2017	5/16/2017	5/16/2017	8/14/2017	8/14/2017	11/15/2017	11/15/2017	2/20/2018	2/20/2018													
			Sample Type	N	FD	N	FD	N	FD	N	FD	N	FD	N	FD													
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual				
																									Result	Val Qual	Result	Val Qual
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	0.53	J			0.51		0.48		0.82	J	0.76		0.46	J	0.48		0.52	J	0.47		0.26	J-	0.37	J
EPA 604.1	Hexachlorophene	70-30-4	6 ^{n,a}	ug/L	< 11.1 U		< 11.2 U		< 10.5 U		< 10.4 U		< 10.2 U		< 10.0 U		< 10 U		< 10 U		< 10.2 U		< 10.9 U		< 10.5 U		< 10.9 U	
EPA 8260B	1,1,1,2-Tetrachloroethane	630-20-6	0.57 ^c	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1,1-Trichloroethane	71-55-6	200	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1,2,2-Tetrachloroethane	79-34-5	7.6 ^{c,a}	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1,2-Trichloroethane	79-00-5	5	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1-Dichloroethane	75-34-3	2.8 ^c	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1-Dichloroethene	75-35-4	7	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1-Dichloropropene	563-58-6	None	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,3-Trichlorobenzene	87-61-6	7 ⁿ	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,3-Trichloropropane	96-18-4	0.075 ^{c,a}	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,4-Trichlorobenzene	120-82-1	70	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,4-Trimethylbenzene	95-63-6	15 ⁿ	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dibromo-3-chloropropane	96-12-8	0.2	ug/L	< 0.50 U		< 0.50 U		< 0.5 U		< 0.5 U		< 0.50 U		< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 2 U		< 2 U	
EPA 8260B	1,2-Dibromoethane	106-93-4	0.05	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichlorobenzene	95-50-1	600	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichloroethane	107-06-2	5	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichloroethene, Total	540-59-0	None	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichloropropane	78-87-5	5	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,3,5-Trimethylbenzene	108-67-8	120 ⁿ	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,3-Dichlorobenzene	541-73-1	None	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,3-Dichloropropane	142-28-9	370 ⁿ	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,4-Dichlorobenzene	106-46-7	75	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	2,2-Dichloropropane	594-20-7	None	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 2 U		< 2 U	
EPA 8260B	2-Butanone	78-93-3	5600 ⁿ	ug/L	< 2.0 U		< 2.0 U		< 2 U		< 2 U		< 2.0 U		< 2.0 U		< 2 U		< 2 U		< 2 U		< 2 U		< 5 U		< 5 U	
EPA 8260B	2-Chlorotoluene	95-49-8	240 ⁿ	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 1 U		< 1 U	
EPA 8260B	2-Hexanone	591-78-6	38 ⁿ	ug/L	< 2.0 U		< 2.0 U		< 2 U		< 2 U		< 2.0 U		< 2.0 U		< 2 U		< 2 U		< 2 U		< 2 U		< 5 U		< 5 U	
EPA 8260B	4-Chlorotoluene	106-43-4	250 ⁿ	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 1 U		< 1 U	
EPA 8260B	4-Methyl-2-pentanone	108-10-1	6300 ⁿ	ug/L	< 2.0 U		< 2.0 U		< 2 U		< 2 U		< 2.0 U		< 2.0 U		< 2 U		< 2 U		< 2 U		< 2 U		< 5 U		< 5 U	
EPA 8260B	Acetone	67-64-1	14000 ⁿ	ug/L	< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		25.9	U	24.6	U	< 5 U		< 5 U		< 5 U		< 5 U		< 10 U		< 10 U	
EPA 8260B	Benzene	71-43-2	5	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromobenzene	108-86-1	62 ⁿ	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromochloromethane	74-97-5	83 ⁿ	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromodichloromethane	75-27-4	80	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromoform	75-25-2	80	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 2 U		< 2 U	
EPA 8260B	Bromomethane	74-83-9	7.5 ⁿ	ug/L	< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 5 U		< 5 U	
EPA 8260B	Carbon Disulfide	75-15-0	810 ⁿ	ug/L	< 0.50 U		< 0.50 U		< 0.5 U		< 0.5 U		< 0.50 U		< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Carbon Tetrachloride	56-23-5	5	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	

**Table 1
East Area Groundwater Data Summary (MW-16)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO**

Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Well ID	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16		
					Sample ID	MW-16- 20122016	MW-DUP01- 20122016	MW-16- 14022017	MW-DUP01- 14022017	MW-16- 16052017	MW-DUP01- 16052017	MW-16- 14082017	MW-DUP01- 14082017	MW-16- 15112017	MW-DUP01- 15112017	MW-16- 20022018	MW-DUP01- 20022018											
					Date	12/20/2016	12/20/2016	2/14/2017	2/14/2017	5/16/2017	5/16/2017	8/14/2017	8/14/2017	11/15/2017	11/15/2017	2/20/2018	2/20/2018											
					Sample Type	N	FD	N	FD	N	FD	N	FD	N	FD	N	FD											
					Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8260B	Chlorobenzene	108-90-7	100	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Chlorodibromomethane	124-48-1	80	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Chloroethane	75-00-3	21000 ⁿ	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 1 U		< 1 U	
EPA 8260B	Chloroform	67-66-3	80	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Chloromethane	74-87-3	190 ⁿ	ug/L	< 0.50 U		< 0.50 U		< 0.5 U		< 0.5 U		0.92		0.97		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	cis-1,2-Dichloroethene	156-59-2	70	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	cis-1,3-Dichloropropene	10061-01-5	0.47	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Dibromomethane	74-95-3	8.3 ⁿ	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Dichlorodifluoromethane	75-71-8	200 ⁿ	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Ethylbenzene	100-41-4	700	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Fluorotrichloromethane	75-69-4	5200 ⁿ	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Hexachlorobutadiene	87-68-3	6.5	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Isopropylbenzene	98-82-8	450 ⁿ	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Methylene Chloride	75-09-2	5	ug/L	< 0.50 U		< 0.50 U		< 0.5 U		< 0.5 U		< 0.50 U		< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 1 U		< 1 U	
EPA 8260B	Methyl-tert-butyl-ether	1634-04-4	14 ^c	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Naphthalene	91-20-3	6.1 ^{c,a}	ug/L	< 0.50 U		< 0.50 U		< 0.5 U		< 0.5 U		< 0.50 U		< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	n-Butylbenzene	104-51-8	1000 ⁿ	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	n-Propylbenzene	103-65-1	660 ⁿ	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	p-Isopropyltoluene	99-87-6	None	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	sec-Butylbenzene	135-98-8	2000 ⁿ	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Styrene	100-42-5	100	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	tert-Butylbenzene	98-06-6	690 ⁿ	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Tetrachloroethene	127-18-4	5	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Toluene	108-88-3	1000	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	trans-1,2-Dichloroethene	156-60-5	100	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	trans-1,3-Dichloropropene	10061-02-6	0.47	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Trichloroethene	79-01-6	5	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Vinyl Chloride	75-01-4	2	ug/L	< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Xylenes, Total	1330-20-7	10000	ug/L	< 0.20 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.20 U		< 0.20 U		< 0.2 U		< 0.2 U		< 0.2 U		< 0.2 U		< 1.5 U		< 1.5 U	
EPA 8270D	2,2'-oxybis(1-Chloropropane)	108-60-1	710 ⁿ	ug/L	< 1.2 U		< 1.1 U		< 1.2 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2,4,6-Trichlorophenol	88-06-2	4.1 ^c	ug/L	< 1.2 U		< 1.1 U		< 1.2 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2,4-Dichlorophenol	120-83-2	46 ⁿ	ug/L	< 1.2 U		< 1.1 U		< 1.2 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2,4-Dimethylphenol	105-67-9	360 ⁿ	ug/L	< 1.2 U		< 1.1 U		< 1.2 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2,4-Dinitrophenol	51-28-5	39 ⁿ	ug/L	< 3.1 U		< 2.8 U		< 2.9 U		< 2.8 U		< 2.6 U		< 2.7 U		< 2.6 U		< 2.8 U		< 2.6 U		< 2.6 U		< 2.6 U		< 2.6 U	
EPA 8270D	2,4-Dinitrotoluene	121-14-2	24 ^{c,a}	ug/L	< 1.2 U		< 1.1 U		< 1.2 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2,6-Dinitrotoluene	606-20-2	4.9 ^{c,a}	ug/L	< 1.2 U		< 1.1 U		< 1.2 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2-Chloronaphthalene	91-58-7	750 ⁿ	ug/L	< 1.2 U		< 1.1 U		< 1.2 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2-Chlorophenol	95-57-8	91 ⁿ	ug/L	< 1.2 U		< 1.1 U		< 1.2 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1 U	

Table 1
East Area Groundwater Data Summary (MW-16)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

	Well ID	Sample ID	Date	Sample Type	MW-16		MW-16		MW-16		MW-16		MW-16		MW-16		MW-16		MW-16		MW-16		MW-16		MW-16			
					MW-16-20122016		MW-DUP01-20122016		MW-16-14022017		MW-DUP01-14022017		MW-16-16052017		MW-DUP01-16052017		MW-16-14082017		MW-DUP01-14082017		MW-16-15112017		MW-DUP01-15112017		MW-16-20022018		MW-DUP01-20022018	
					12/20/2016		12/20/2016		2/14/2017		2/14/2017		5/16/2017		5/16/2017		8/14/2017		8/14/2017		11/15/2017		11/15/2017		2/20/2018		2/20/2018	
					N		FD		N		FD		N		FD		N		FD		N		FD		N		FD	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual		
EPA 8270D	2-Methylnaphthalene	91-57-6	36 ⁿ	ug/L	< 1.2 U		< 1.1 U		< 1.2 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	2-Methylphenol	95-48-7	930 ⁿ	ug/L	< 1.2 U		< 1.1 U		< 1.2 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	2-Nitroaniline	88-74-4	190 ⁿ	ug/L	< 3.1 U		< 2.8 U		< 2.9 U		< 2.8 U		< 2.6 U		< 2.7 U		< 2.6 U		< 2.8 U		< 2.6 U		< 2.6 U		< 2.6 U		< 2.6 U	
EPA 8270D	2-Nitrophenol	88-75-5	None	ug/L	< 1.2 U		< 1.1 U		< 1.2 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	3 & 4-Methylphenol	MEPH3MEPH4	930 ⁿ	ug/L	< 2.5 U		< 2.2 U		< 2.4 U		< 2.3 U		< 2.0 U		< 2.1 U		< 2.1 U		< 2.2 U		< 2.1 U		< 2.1 U		< 2.1 U		< 2.1 U	
EPA 8270D	3,3-Dichlorobenzidine	91-94-1	13 ^{c,a}	ug/L	< 1.2 U		< 1.1 U		< 1.2 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	3-Nitroaniline	99-09-2	None	ug/L	< 3.1 U		< 2.8 U		< 2.9 U		< 2.8 U		< 2.6 U		< 2.7 U		< 2.6 U		< 2.8 U		< 2.6 U		< 2.6 U		< 2.6 U		< 2.6 U	
EPA 8270D	4,6-Dinitro-2-methylphenol	534-52-1	1.5 ^{n,a}	ug/L	< 3.1 U		< 2.8 U		< 2.9 U		< 2.8 U		< 2.6 U		< 2.7 U		< 2.6 U		< 2.8 U		< 2.6 U		< 2.6 U		< 2.6 U		< 2.6 U	
EPA 8270D	4-Bromophenyl Phenyl Ether	101-55-3	None	ug/L	< 1.2 U		< 1.1 U		< 1.2 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	4-Chloro-3-methylphenol	59-50-7	1400 ⁿ	ug/L	< 1.2 U		< 1.1 U		< 1.2 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	4-Chloroaniline	106-47-8	37 ^{c,a}	ug/L	< 1.2 U		< 1.1 U		< 1.2 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	4-Chlorophenyl Phenyl Ether	7005-72-3	None	ug/L	< 1.2 U		< 1.1 U		< 1.2 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	4-Nitroaniline	100-01-6	3.8 ^c	ug/L	< 3.1 U		< 2.8 U		< 2.9 U		< 2.8 U		< 2.6 U		< 2.7 U		< 2.6 U		< 2.8 U		< 2.6 U		< 2.6 U		< 2.6 U		< 2.6 U	
EPA 8270D	4-Nitrophenol	100-02-7	None	ug/L	< 1.2 U		< 1.1 U		< 1.2 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Acenaphthene	83-32-9	530 ⁿ	ug/L	< 1.2 U		< 1.1 U		< 1.2 U	UJ	< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Acenaphthylene	208-96-8	None	ug/L	< 1.2 U		< 1.1 U		< 1.2 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Aniline	62-53-3	13 ^c	ug/L	< 3.1 U		< 2.8 U		< 2.9 U		< 2.8 U		< 2.6 U		< 2.7 U		< 2.6 U		< 2.8 U		< 2.6 U		< 2.6 U		< 2.6 U		< 2.6 U	
EPA 8270D	Anthracene	120-12-7	1800 ⁿ	ug/L	< 1.2 U		< 1.1 U		< 1.2 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Benzo(a)anthracene	56-55-3	1.2 ^{c,a}	ug/L	< 1.2 U		< 1.1 U		< 1.2 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Benzo(a)pyrene	50-32-8	0.2	ug/L	< 1.2 U		< 1.1 U		< 1.2 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Benzoic Acid	65-85-0	75000 ⁿ	ug/L	< 30.7 U		< 27.6 U		< 29.4 U		< 28.2 U		< 25.5 U		< 26.6 U		< 26 U		< 27.8 U		< 25.6 U		< 25.9 U		< 25.9 U		< 26.5 U	
EPA 8270D	bis(2-Chloroethyl)ether	111-44-4	0.014 ^c	ug/L	< 1.2 U		< 1.1 U		< 1.2 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	bis(2-Ethylhexyl)phthalate	117-81-7	6	ug/L	< 1.2 U		< 1.1 U		< 1.2 U		< 1.1 U		< 1.0 U		< 1.1 U		1.1		< 1.1 U		1.3	J	1.4		< 1 U		< 1.1 U	
EPA 8270D	Butylbenzylphthalate	85-68-7	16 ^c	ug/L	< 1.2 U		< 1.1 U		< 1.2 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Chrysene	218-01-9	3.4 ^c	ug/L	< 1.2 U		< 1.1 U		< 1.2 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Dibenzo(a,h)anthracene	53-70-3	0.34 ^{c,a}	ug/L	< 1.2 U		< 1.1 U		< 1.2 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Dibenzofuran	132-64-9	7.9 ⁿ	ug/L	< 1.2 U		< 1.1 U		< 1.2 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Diethylphthalate	84-66-2	15000 ⁿ	ug/L	< 1.2 U		< 1.1 U		< 1.2 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Dimethylphthalate	131-11-3	None	ug/L	< 1.2 U		< 1.1 U		< 1.2 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Di-n-butylphthalate	84-74-2	900 ⁿ	ug/L	< 1.2 U		< 1.1 U		< 1.2 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Di-n-octylphthalate	117-84-0	200 ⁿ	ug/L	< 1.2 U		< 1.1 U		< 1.2 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Fluoranthene	206-44-0	800 ⁿ	ug/L	< 1.2 U		< 1.1 U		< 1.2 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Fluorene	86-73-7	290 ⁿ	ug/L	< 1.2 U		< 1.1 U		< 1.2 U	UJ	< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Hexachlorobenzene	118-74-1	1	ug/L	< 1.2 U		< 1.1 U		< 1.2 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Hexachlorocyclopentadiene	77-47-4	50	ug/L	< 1.2 U		< 1.1 U		< 1.2 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Hexachloroethane	67-72-1	6.2 ^{c,a}	ug/L	< 1.2 U		< 1.1 U		< 1.2 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Indeno(1,2,3-cd)pyrene	193-39-5	3.4 ^{c,a}	ug/L	< 1.2 U		< 1.1 U		< 1.2 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1.1 U	
EPA 8270D	Isophorone	78-59-1	78 ^c	ug/L	< 1.2 U		< 1.1 U		< 1.2 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U		< 1 U		< 1 U		< 1.1 U	

Table 1
East Area Groundwater Data Summary (MW-16)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

Well ID	MW-16		MW-16		MW-16		MW-16		MW-16		MW-16		MW-16		MW-16		MW-16		MW-16		MW-16		MW-16		MW-16		MW-16		MW-16		MW-16																								
	Sample ID	MW-16-06122019	MW-DUP01-06122019	MW-16-24022020	MW-DUP01-24022020	MW-16-11062020	MW-DUP01-11062020	MW-16-24082020	MW-DUP01-24082020	MW-16-17112020	MW-DUP01-17112020	MW-16-09032020	MW-DUP01-09032021	MW-16-25052021	MW-DUP01-25052021	MW-16-17082021	MW-DUP01-17082021	MW-16-02112021	MW-DUP01-02112021	MW-16-02112021	MW-DUP01-02112021	MW-16-02112021	MW-DUP01-02112021	MW-16-02112021	MW-DUP01-02112021	MW-16-02112021	MW-DUP01-02112021	MW-16-02112021	MW-DUP01-02112021	MW-16-02112021	MW-DUP01-02112021																								
Date	12/6/2019	12/6/2019	2/24/2020	2/24/2020	6/11/2020	6/11/2020	8/24/2020	8/24/2020	11/17/2020	11/17/2020	3/9/2021	3/9/2021	5/25/2021	5/25/2021	8/17/2021	8/17/2021	11/2/2021	11/2/2021	11/2/2021	11/2/2021	11/2/2021	11/2/2021	11/2/2021	11/2/2021	11/2/2021	11/2/2021	11/2/2021	11/2/2021	11/2/2021	11/2/2021																									
Sample Type	N	FD	N	FD	N	FD	N	FD	N	FD	N	FD	N	FD	N	FD	N	FD	N	FD	N	FD	N	FD	N	FD	N	FD	N	FD																									
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val	Qual	Result	Val	Qual	Result	Val	Qual	Result	Val	Qual	Result	Val	Qual	Result	Val	Qual	Result	Val	Qual	Result	Val	Qual	Result	Val	Qual	Result	Val	Qual																					
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	0.36			0.33			0.34			0.32			0.36			0.35			0.20	J	0.34		0.22			0.23			0.28			0.28			0.20			< 0.20			< 0.20			< 0.21			< 0.20			< 0.20	

Notes:

- * Project Quantitation Limit Goals are analytical goals listed solely for the purpose of evaluating laboratory analytical methods and achievable laboratory limits; these are not project-specific screening levels and are not approved by USEPA or MDNR as the appropriate risk assessment values for this project. The risk assessment values will be developed in subsequent phases of the project.
- + MCL or RSL not established
- c USEPA Tapwater Regional Screening Level (cancer)
- n USEPA Tapwater Regional Screening Level (noncancer)
- a Regional Screening Level adjusted to 10⁻⁴
- No analysis performed.
- U The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
- J The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
- J- The result is an estimated quantity, but the result may be biased low.
- UJ The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

Table 1
East Area Groundwater Data Summary (MW-16B)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

				Well ID	MW-16B		MW-16B		MW-16B		MW-16B		MW-16B		MW-16B	
				Sample ID	MW-16B-22122016		MW-16B-15022017		MW-16B-17052017		MW-16B-14082017		MW-16B-15112017		MW-16B-21022018	
				Date	12/22/2016		2/15/2017		5/17/2017		8/14/2017		11/15/2017		2/21/2018	
				Sample Type	N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	1.8		2		1.0	J-	1.7		1.8		1.3	
EPA 604.1	Hexachlorophene	70-30-4	6 ^{n,a}	ug/L	< 11.5 U		< 10.3 U		< 10.0 U		< 10 U		< 10.4 U		< 10.3 U	
EPA 8260B	1,1,1,2-Tetrachloroethane	630-20-6	0.57 ^c	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1,1-Trichloroethane	71-55-6	200	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1,2,2-Tetrachloroethane	79-34-5	7.6 ^{c,a}	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1,2-Trichloroethane	79-00-5	5	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1-Dichloroethane	75-34-3	2.8 ^c	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1-Dichloroethene	75-35-4	7	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1-Dichloropropene	563-58-6	None	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2,3-Trichlorobenzene	87-61-6	7 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2,3-Trichloropropane	96-18-4	0.075 ^{c,a}	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2,4-Trichlorobenzene	120-82-1	70	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2,4-Trimethylbenzene	95-63-6	15 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2-Dibromo-3-chloropropane	96-12-8	0.2	ug/L	< 0.5 U		< 0.5 U		< 0.50 U		< 0.5 U		< 0.5 U		< 2 U	
EPA 8260B	1,2-Dibromoethane	106-93-4	0.05	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2-Dichlorobenzene	95-50-1	600	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2-Dichloroethane	107-06-2	5	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2-Dichloroethene, Total	540-59-0	None	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2-Dichloropropane	78-87-5	5	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,3,5-Trimethylbenzene	108-67-8	120 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,3-Dichlorobenzene	541-73-1	None	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,3-Dichloropropane	142-28-9	370 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,4-Dichlorobenzene	106-46-7	75	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	2,2-Dichloropropane	594-20-7	None	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 2 U	
EPA 8260B	2-Butanone	78-93-3	5600 ⁿ	ug/L	< 2 U		< 2 U		< 2.0 U		< 2 U		< 2 U		< 5 U	
EPA 8260B	2-Chlorotoluene	95-49-8	240 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 1 U	
EPA 8260B	2-Hexanone	591-78-6	38 ⁿ	ug/L	< 2 U		< 2 U		< 2.0 U		< 2 U		< 2 U		< 5 U	
EPA 8260B	4-Chlorotoluene	106-43-4	250 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 1 U	
EPA 8260B	4-Methyl-2-pentanone	108-10-1	6300 ⁿ	ug/L	< 2 U		< 2 U		< 2.0 U		< 2 U		< 2 U		< 5 U	
EPA 8260B	Acetone	67-64-1	14000 ⁿ	ug/L	< 2.5 U		< 2.5 U		3.7	U	< 5 U	U	< 5 U		< 10 U	
EPA 8260B	Benzene	71-43-2	5	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Bromobenzene	108-86-1	62 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Bromochloromethane	74-97-5	83 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Bromodichloromethane	75-27-4	80	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Bromoform	75-25-2	80	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 2 U	
EPA 8260B	Bromomethane	74-83-9	7.5 ⁿ	ug/L	< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 5 U	
EPA 8260B	Carbon Disulfide	75-15-0	810 ⁿ	ug/L	< 0.5 U		< 0.5 U		< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U	

Table 1
East Area Groundwater Data Summary (MW-16B)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

					MW-16B		MW-16B		MW-16B		MW-16B		MW-16B		MW-16B	
					MW-16B-22122016		MW-16B-15022017		MW-16B-17052017		MW-16B-14082017		MW-16B-15112017		MW-16B-21022018	
					12/22/2016		2/15/2017		5/17/2017		8/14/2017		11/15/2017		2/21/2018	
					N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8260B	Carbon Tetrachloride	56-23-5	5	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Chlorobenzene	108-90-7	100	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Chlorodibromomethane	124-48-1	80	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Chloroethane	75-00-3	21000 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 1 U	
EPA 8260B	Chloroform	67-66-3	80	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Chloromethane	74-87-3	190 ⁿ	ug/L	< 0.5 U		< 0.5 U		< 0.50 U		< 0.5 U	U	< 0.5 U		< 0.5 U	
EPA 8260B	cis-1,2-Dichloroethene	156-59-2	70	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	cis-1,3-Dichloropropene	10061-01-5	0.47	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Dibromomethane	74-95-3	8.3 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Dichlorodifluoromethane	75-71-8	200 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Ethylbenzene	100-41-4	700	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Fluorotrichloromethane	75-69-4	5200 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Hexachlorobutadiene	87-68-3	6.5	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Isopropylbenzene	98-82-8	450 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Methylene Chloride	75-09-2	5	ug/L	< 0.5 U		< 0.5 U		< 0.50 U		< 0.5 U		< 0.5 U		< 1 U	
EPA 8260B	Methyl-tert-butyl-ether	1634-04-4	14 ^c	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Naphthalene	91-20-3	6.1 ^{c,a}	ug/L	< 0.5 U		< 0.5 U		< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	n-Butylbenzene	104-51-8	1000 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	n-Propylbenzene	103-65-1	660 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	p-Isopropyltoluene	99-87-6	None	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	sec-Butylbenzene	135-98-8	2000 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Styrene	100-42-5	100	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	tert-Butylbenzene	98-06-6	690 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Tetrachloroethene	127-18-4	5	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Toluene	108-88-3	1000	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	trans-1,2-Dichloroethene	156-60-5	100	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	trans-1,3-Dichloropropene	10061-02-6	0.47	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Trichloroethene	79-01-6	5	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Vinyl Chloride	75-01-4	2	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Xylenes, Total	1330-20-7	10000	ug/L	< 0.2 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 1.5 U	
EPA 8270D	2,2'-oxybis(1-Chloropropane)	108-60-1	710 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	2,4,6-Trichlorophenol	88-06-2	4.1 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	2,4-Dichlorophenol	120-83-2	46 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	2,4-Dimethylphenol	105-67-9	360 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	2,4-Dinitrophenol	51-28-5	39 ⁿ	ug/L	< 2.8 U		< 2.8 U		< 2.6 U		< 2.6 U		< 2.6 U		< 2.5 U	
EPA 8270D	2,4-Dinitrotoluene	121-14-2	24 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	2,6-Dinitrotoluene	606-20-2	4.9 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	

Table 1
East Area Groundwater Data Summary (MW-16B)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

					MW-16B		MW-16B		MW-16B		MW-16B		MW-16B		MW-16B	
					MW-16B-22122016		MW-16B-15022017		MW-16B-17052017		MW-16B-14082017		MW-16B-15112017		MW-16B-21022018	
					12/22/2016		2/15/2017		5/17/2017		8/14/2017		11/15/2017		2/21/2018	
					N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8270D	2-Chloronaphthalene	91-58-7	750 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	2-Chlorophenol	95-57-8	91 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	2-Methylnaphthalene	91-57-6	36 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	2-Methylphenol	95-48-7	930 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	2-Nitroaniline	88-74-4	190 ⁿ	ug/L	< 2.8 U		< 2.8 U		< 2.6 U		< 2.6 U		< 2.6 U		< 2.5 U	
EPA 8270D	2-Nitrophenol	88-75-5	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	3 & 4-Methylphenol	MEPH3MEPH4	930 ⁿ	ug/L	< 2.3 U		< 2.2 U		< 2.1 U		< 2.1 U		< 2.1 U		< 2 U	
EPA 8270D	3,3-Dichlorobenzidine	91-94-1	13 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	3-Nitroaniline	99-09-2	None	ug/L	< 2.8 U		< 2.8 U		< 2.6 U		< 2.6 U		< 2.6 U		< 2.5 U	
EPA 8270D	4,6-Dinitro-2-methylphenol	534-52-1	1.5 ^{n,a}	ug/L	< 2.8 U		< 2.8 U		< 2.6 U		< 2.6 U		< 2.6 U		< 2.5 U	
EPA 8270D	4-Bromophenyl Phenyl Ether	101-55-3	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	4-Chloro-3-methylphenol	59-50-7	1400 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	4-Chloroaniline	106-47-8	37 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	4-Chlorophenyl Phenyl Ether	7005-72-3	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	4-Nitroaniline	100-01-6	3.8 ^c	ug/L	< 2.8 U		< 2.8 U		< 2.6 U		< 2.6 U		< 2.6 U		< 2.5 U	
EPA 8270D	4-Nitrophenol	100-02-7	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Acenaphthene	83-32-9	530 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Acenaphthylene	208-96-8	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Aniline	62-53-3	13 ^c	ug/L	< 2.8 U		< 2.8 U		< 2.6 U		< 2.6 U		< 2.6 U		< 2.5 U	
EPA 8270D	Anthracene	120-12-7	1800 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Benzo(a)anthracene	56-55-3	1.2 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Benzo(a)pyrene	50-32-8	0.2	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Benzoic Acid	65-85-0	75000 ⁿ	ug/L	< 28.4 U		< 27.9 U		< 26.5 U		< 26 U		< 26.5 U		< 25.3 U	
EPA 8270D	bis(2-Chloroethyl)ether	111-44-4	0.014 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	bis(2-Ethylhexyl)phthalate	117-81-7	6	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Butylbenzylphthalate	85-68-7	16 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Chrysene	218-01-9	3.4 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Dibenzo(a,h)anthracene	53-70-3	0.34 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Dibenzofuran	132-64-9	7.9 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Diethylphthalate	84-66-2	15000 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Dimethylphthalate	131-11-3	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Di-n-butylphthalate	84-74-2	900 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Di-n-octylphthalate	117-84-0	200 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Fluoranthene	206-44-0	800 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Fluorene	86-73-7	290 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Hexachlorobenzene	118-74-1	1	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	

Table 1
East Area Groundwater Data Summary (MW-16B)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

				Well ID	MW-16B		MW-16B		MW-16B		MW-16B		MW-16B		MW-16B	
				Sample ID	MW-16B-22122016		MW-16B-15022017		MW-16B-17052017		MW-16B-14082017		MW-16B-15112017		MW-16B-21022018	
				Date	12/22/2016		2/15/2017		5/17/2017		8/14/2017		11/15/2017		2/21/2018	
				Sample Type	N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8270D	Hexachlorocyclopentadiene	77-47-4	50	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Hexachloroethane	67-72-1	6.2 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Indeno(1,2,3-cd)pyrene	193-39-5	3.4 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Isophorone	78-59-1	78 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Nitrobenzene	98-95-3	13 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	N-Nitrosodi-n-propylamine	621-64-7	1.1 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	N-Nitrosodiphenylamine	86-30-6	12 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Pentachlorophenol	87-86-5	1	ug/L	< 2.8 U		< 2.8 U		< 2.6 U		< 2.6 U		< 2.6 U		< 2.6 U	
EPA 8270D	Phenanthrene	85-01-8	None	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Phenol	108-95-2	5800 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
EPA 8270D	Pyrene	129-00-0	120 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.1 U		< 1 U		< 1.1 U		< 1 U	
SW846 8290	1,2,3,4,6,7,8-HpCDD	35822-46-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,6,7,8-HpCDF	67562-39-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8,9-HpCDF	55673-89-7	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8-HxCDD	39227-28-6	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8-HxCDF	70648-26-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,6,7,8-HxCDD	57653-85-7	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,6,7,8-HxCDF	57117-44-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8,9-HxCDD	19408-74-3	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8,9-HxCDF	72918-21-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8-PeCDD	40321-76-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8-PeCDF	57117-41-6	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,4,6,7,8-HxCDF	60851-34-5	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,4,7,8-PeCDF	57117-31-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,7,8-TCDF	51207-31-9	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	2,3,7,8-Tetrachlorodibenzo-p-Dioxin	1746-01-6	30	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	OCDD	3268-87-9	None	pg/L	< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U	
SW846 8290	OCDF	39001-02-0	None	pg/L	< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U	
SW846 8290	Total HpCDD	37871-00-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HpCDF	38998-75-3	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HxCDD	34465-46-8	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HxCDF	55684-94-1	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total PeCDD	36088-22-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total PeCDF	30402-15-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total TCDD	41903-57-5	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	Total TCDF	55722-27-5	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	

**Table 1
East Area Groundwater Data Summary (MW-16B)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO**

					Well ID		MW-16B		MW-16B		MW-16B		MW-16B		MW-16B		MW-16B		MW-16B		MW-16B			
					Sample ID		MW-16B-06122019		MW-16B-24022020		MW-16B-15062020		MW-16B-25082020		MW-16B-17112020		MW-16B-09032021		MW-16B-04062021		MW-16B-17082021		MW-16B-04112021	
					Date		12/6/2019		2/24/2020		6/15/2020		8/25/2020		11/17/2020		3/9/2021		6/4/2021		8/17/2021		11/4/2021	
					Sample Type		N		N		N		N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual		
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	0.96		0.89		1.5		1.8		1.7		1.2		0.71		1.2		1.2			

Notes:

- * Project Quantitation Limit Goals are analytical goals listed solely for the purpose of evaluating laboratory analytical methods and achievable laboratory limits; these are not project-specific screening levels and are not approved by USEPA or MDNR as the appropriate risk assessment values for this project. The risk assessment values will be developed in subsequent phases of the project.
- + MCL or RSL not established
- c USEPA Tapwater Regional Screening Level (cancer)
- n USEPA Tapwater Regional Screening Level (noncancer)
- a Regional Screening Level adjusted to 10⁻⁴
- No analysis performed.
- U The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
- J The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
- J- The result is an estimated quantity, but the result may be biased low.
- UJ The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

Table 1
East Area Groundwater Data Summary (MW-21R)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

					MW-21R		MW-21R		MW-21R		MW-21R		MW-21R		MW-21R	
					MW-21R-16122016		MW-21R-15022017		MW-21R-17052017		MW-21R-15082017		MW-21R-15112017		MW-21R-21022018	
					12/16/2016		2/15/2017		5/17/2017		8/15/2017		11/15/2017		2/21/2018	
					N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation		Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
			Limit Goal*	Units												
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	7.8		6		19.6		3.9		3		31.2	
EPA 604.1	Hexachlorophene	70-30-4	6 ^{n,a}	ug/L	< 10.6 U		< 10.3 U		< 10.5 U		< 10 U		< 10.4 U		< 10.3 U	
EPA 8260B	1,1,1,2-Tetrachloroethane	630-20-6	0.57 ^c	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1,1-Trichloroethane	71-55-6	200	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1,2,2-Tetrachloroethane	79-34-5	7.6 ^{c,a}	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1,2-Trichloroethane	79-00-5	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1-Dichloroethane	75-34-3	2.8 ^c	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1-Dichloroethene	75-35-4	7	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1-Dichloropropene	563-58-6	None	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2,3-Trichlorobenzene	87-61-6	7 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2,3-Trichloropropane	96-18-4	0.075 ^{c,a}	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2,4-Trichlorobenzene	120-82-1	70	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2,4-Trimethylbenzene	95-63-6	15 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2-Dibromo-3-chloropropane	96-12-8	0.2	ug/L	< 0.50 U		< 0.5 U		< 0.50 U		< 0.5 U		< 0.5 U		< 2 U	
EPA 8260B	1,2-Dibromoethane	106-93-4	0.05	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2-Dichlorobenzene	95-50-1	600	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2-Dichloroethane	107-06-2	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2-Dichloroethene, Total	540-59-0	None	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2-Dichloropropane	78-87-5	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,3,5-Trimethylbenzene	108-67-8	120 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,3-Dichlorobenzene	541-73-1	None	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,3-Dichloropropane	142-28-9	370 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,4-Dichlorobenzene	106-46-7	75	ug/L	< 0.10 U		< 0.1 U		0.15		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	2,2-Dichloropropane	594-20-7	None	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 2 U	
EPA 8260B	2-Butanone	78-93-3	5600 ⁿ	ug/L	< 2.0 U		< 2 U		< 2.0 U		< 2 U		< 2 U		< 5 U	
EPA 8260B	2-Chlorotoluene	95-49-8	240 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 1 U	
EPA 8260B	2-Hexanone	591-78-6	38 ⁿ	ug/L	< 2.0 U		< 2 U		< 2.0 U		< 2 U		< 2 U		< 5 U	
EPA 8260B	4-Chlorotoluene	106-43-4	250 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 1 U	
EPA 8260B	4-Methyl-2-pentanone	108-10-1	6300 ⁿ	ug/L	< 2.0 U		< 2 U		< 2.0 U		< 2 U		< 2 U		< 5 U	
EPA 8260B	Acetone	67-64-1	14000 ⁿ	ug/L	< 2.5 U		< 2.5 U		5.5	U	< 5 U		< 5 U		< 10 U	
EPA 8260B	Benzene	71-43-2	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Bromobenzene	108-86-1	62 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Bromochloromethane	74-97-5	83 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Bromodichloromethane	75-27-4	80	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Bromoform	75-25-2	80	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 2 U	
EPA 8260B	Bromomethane	74-83-9	7.5 ⁿ	ug/L	< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 5 U	
EPA 8260B	Carbon Disulfide	75-15-0	810 ⁿ	ug/L	< 0.50 U		< 0.5 U		< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U	

Table 1
East Area Groundwater Data Summary (MW-21R)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Well ID		MW-21R		MW-21R		MW-21R		MW-21R		MW-21R	
					Sample ID	Sample ID	MW-21R-16122016	MW-21R-15022017	MW-21R-17052017	MW-21R-15082017	MW-21R-15112017	MW-21R-21022018				
					Date	Date	12/16/2016	2/15/2017	5/17/2017	8/15/2017	11/15/2017	2/21/2018				
					Sample Type	Sample Type	N	N	N	N	N	N				
					Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8260B	Carbon Tetrachloride	56-23-5	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Chlorobenzene	108-90-7	100	ug/L	< 0.10 U		< 0.1 U		0.68		< 0.1 U		< 0.1 U		0.6	
EPA 8260B	Chlorodibromomethane	124-48-1	80	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Chloroethane	75-00-3	21000 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 1 U	
EPA 8260B	Chloroform	67-66-3	80	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Chloromethane	74-87-3	190 ⁿ	ug/L	< 0.50 U		< 0.5 U		< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	cis-1,2-Dichloroethene	156-59-2	70	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	cis-1,3-Dichloropropene	10061-01-5	0.47	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Dibromomethane	74-95-3	8.3 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Dichlorodifluoromethane	75-71-8	200 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Ethylbenzene	100-41-4	700	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Fluorotrichloromethane	75-69-4	5200 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Hexachlorobutadiene	87-68-3	6.5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Isopropylbenzene	98-82-8	450 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Methylene Chloride	75-09-2	5	ug/L	< 0.50 U		< 0.5 U		< 0.50 U		< 0.5 U		< 0.5 U		< 1 U	
EPA 8260B	Methyl-tert-butyl-ether	1634-04-4	14 ^c	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Naphthalene	91-20-3	6.1 ^{c,a}	ug/L	< 0.50 U		< 0.5 U		< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	n-Butylbenzene	104-51-8	1000 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	n-Propylbenzene	103-65-1	660 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	p-Isopropyltoluene	99-87-6	None	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	sec-Butylbenzene	135-98-8	2000 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Styrene	100-42-5	100	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	tert-Butylbenzene	98-06-6	690 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Tetrachloroethene	127-18-4	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Toluene	108-88-3	1000	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	trans-1,2-Dichloroethene	156-60-5	100	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	trans-1,3-Dichloropropene	10061-02-6	0.47	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Trichloroethene	79-01-6	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Vinyl Chloride	75-01-4	2	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Xylenes, Total	1330-20-7	10000	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 1.5 U	
EPA 8270D	2,2'-oxybis(1-Chloropropane)	108-60-1	710 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2,4,6-Trichlorophenol	88-06-2	4.1 ^c	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2,4-Dichlorophenol	120-83-2	46 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2,4-Dimethylphenol	105-67-9	360 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2,4-Dinitrophenol	51-28-5	39 ⁿ	ug/L	< 2.8 U		< 2.6 U		< 3.0 U		< 2.6 U		< 2.6 U		< 2.5 U	
EPA 8270D	2,4-Dinitrotoluene	121-14-2	24 ^{c,a}	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2,6-Dinitrotoluene	606-20-2	4.9 ^{c,a}	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	

Table 1
East Area Groundwater Data Summary (MW-21R)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Well ID		MW-21R		MW-21R		MW-21R		MW-21R		MW-21R	
					Sample ID	Sample ID	MW-21R-16122016	MW-21R-15022017	MW-21R-17052017	MW-21R-15082017	MW-21R-15112017	MW-21R-21022018				
					Date	Date	12/16/2016	2/15/2017	5/17/2017	8/15/2017	11/15/2017	2/21/2018				
					Sample Type	Sample Type	N	N	N	N	N	N				
Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual			
EPA 8270D	2-Chloronaphthalene	91-58-7	750 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2-Chlorophenol	95-57-8	91 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2-Methylnaphthalene	91-57-6	36 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2-Methylphenol	95-48-7	930 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2-Nitroaniline	88-74-4	190 ⁿ	ug/L	< 2.8 U		< 2.6 U		< 3.0 U		< 2.6 U		< 2.6 U		< 2.5 U	
EPA 8270D	2-Nitrophenol	88-75-5	None	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	3 & 4-Methylphenol	MEPH3MEPH4	930 ⁿ	ug/L	< 2.2 U		< 2.1 U		< 2.4 U		< 2.1 U		< 2.1 U		< 2 U	
EPA 8270D	3,3-Dichlorobenzidine	91-94-1	13 ^{c,a}	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	3-Nitroaniline	99-09-2	None	ug/L	< 2.8 U		< 2.6 U		< 3.0 U		< 2.6 U		< 2.6 U		< 2.5 U	
EPA 8270D	4,6-Dinitro-2-methylphenol	534-52-1	1.5 ^{n,a}	ug/L	< 2.8 U		< 2.6 U		< 3.0 U		< 2.6 U		< 2.6 U		< 2.5 U	
EPA 8270D	4-Bromophenyl Phenyl Ether	101-55-3	None	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	4-Chloro-3-methylphenol	59-50-7	1400 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	4-Chloroaniline	106-47-8	37 ^{c,a}	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	4-Chlorophenyl Phenyl Ether	7005-72-3	None	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	4-Nitroaniline	100-01-6	3.8 ^c	ug/L	< 2.8 U		< 2.6 U		< 3.0 U		< 2.6 U		< 2.6 U		< 2.5 U	
EPA 8270D	4-Nitrophenol	100-02-7	None	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Acenaphthene	83-32-9	530 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Acenaphthylene	208-96-8	None	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Aniline	62-53-3	13 ^c	ug/L	< 2.8 U		< 2.6 U		< 3.0 U		< 2.6 U		< 2.6 U		< 2.5 U	
EPA 8270D	Anthracene	120-12-7	1800 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Benzo(a)anthracene	56-55-3	1.2 ^{c,a}	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Benzo(a)pyrene	50-32-8	0.2	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Benzoic Acid	65-85-0	75000 ⁿ	ug/L	< 27.9 U		< 25.9 U		< 29.6 U		< 25.6 U		< 25.8 U		< 25.4 U	
EPA 8270D	bis(2-Chloroethyl)ether	111-44-4	0.014 ^c	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	bis(2-Ethylhexyl)phthalate	117-81-7	6	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Butylbenzylphthalate	85-68-7	16 ^c	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Chrysene	218-01-9	3.4 ^c	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Dibenzo(a,h)anthracene	53-70-3	0.34 ^{c,a}	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Dibenzofuran	132-64-9	7.9 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Diethylphthalate	84-66-2	15000 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Dimethylphthalate	131-11-3	None	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Di-n-butylphthalate	84-74-2	900 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Di-n-octylphthalate	117-84-0	200 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Fluoranthene	206-44-0	800 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Fluorene	86-73-7	290 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Hexachlorobenzene	118-74-1	1	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Hexachlorocyclopentadiene	77-47-4	50	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	

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East Area Groundwater Data Summary (MW-21R)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Well ID		MW-21R		MW-21R		MW-21R		MW-21R		MW-21R	
					Sample ID	Sample ID	MW-21R-16122016	MW-21R-15022017	MW-21R-17052017	MW-21R-15082017	MW-21R-15112017	MW-21R-21022018				
					Date	Date	12/16/2016	2/15/2017	5/17/2017	8/15/2017	11/15/2017	2/21/2018				
					Sample Type	Sample Type	N	N	N	N	N	N				
Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual			
EPA 8270D	Hexachloroethane	67-72-1	6.2 ^{c,a}	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Indeno(1,2,3-cd)pyrene	193-39-5	3.4 ^{c,a}	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Isophorone	78-59-1	78 ^c	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Nitrobenzene	98-95-3	13 ^{c,a}	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	N-Nitrosodi-n-propylamine	621-64-7	1.1 ^{c,a}	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	N-Nitrosodiphenylamine	86-30-6	12 ^c	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Pentachlorophenol	87-86-5	1	ug/L	< 2.8 U		< 2.6 U		< 3.0 U		< 2.6 U		< 2.6 U		< 2.5 U	
EPA 8270D	Phenanthrene	85-01-8	None	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Phenol	108-95-2	5800 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Pyrene	129-00-0	120 ⁿ	ug/L	< 1.1 U		< 1 U		< 1.2 U		< 1 U		< 1 U		< 1 U	
SW846 8290	1,2,3,4,6,7,8-HpCDD	35822-46-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,6,7,8-HpCDF	67562-39-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8,9-HpCDF	55673-89-7	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8-HxCDD	39227-28-6	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8-HxCDF	70648-26-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,6,7,8-HxCDD	57653-85-7	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,6,7,8-HxCDF	57117-44-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8,9-HxCDD	19408-74-3	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8,9-HxCDF	72918-21-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8-PeCDD	40321-76-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8-PeCDF	57117-41-6	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,4,6,7,8-HxCDF	60851-34-5	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,4,7,8-PeCDF	57117-31-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,7,8-TCDF	51207-31-9	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	2,3,7,8-Tetrachlorodibenzo-p-Dioxin	1746-01-6	30	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	OCDD	3268-87-9	None	pg/L	< 100 U		< 100 U	UJ	< 100 U		< 100 U		< 100 U		< 100 U	
SW846 8290	OCDF	39001-02-0	None	pg/L	< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U	
SW846 8290	Total HpCDD	37871-00-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HpCDF	38998-75-3	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HxCDD	34465-46-8	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HxCDF	55684-94-1	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total PeCDD	36088-22-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total PeCDF	30402-15-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total TCDD	41903-57-5	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	Total TCDF	55722-27-5	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	

Table 1
East Area Groundwater Data Summary (MW-21R)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Well ID		MW-21R		MW-21R		MW-21R		MW-21R		MW-21R		MW-21R		MW-21R		MW-21R					
					Sample ID		MW-21R-		MW-21R-		MW-21R-		MW-21R-		MW-21R-		MW-21R-		MW-21R-		MW-21R-		MW-21R-			
					Date		12/10/2019		12/12/2019		2/25/2020		6/16/2020		8/26/2020		11/18/2020		3/11/2021		5/26/2021		8/18/2021		11/4/2021	
					Sample Type		N		N		N		N		N		N		N		N		N		N	
Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual			
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	59.1				49.1		28.1		13.2		53.5		75.2		44.7		30.5		64.7			
EPA 8260B	Chlorobenzene	108-90-7	100	ug/L			< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U			

Notes:

- * Project Quantitation Limit Goals are analytical goals listed solely for the purpose of evaluating laboratory analytical methods and achievable laboratory limits; these are not project-specific screening levels and are not approved by USEPA or MDNR as the appropriate risk assessment values for this project. The risk assessment values will be developed in subsequent phases of the project.
- + MCL or RSL not established
- c USEPA Tapwater Regional Screening Level (cancer)
- n USEPA Tapwater Regional Screening Level (noncancer)
- a Regional Screening Level adjusted to 10⁻⁴
- No analysis performed.
- U The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
- J The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
- J- The result is an estimated quantity, but the result may be biased low.
- UJ The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

Table 1
East Area Groundwater Data Summary (MW-22)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

				Well ID	MW-22		MW-22		MW-22		MW-22		MW-22		MW-22	
				Sample ID	MW-22-16122016		MW-22-15022017		MW-22-17052017		MW-22-16082017		MW-22-16112017		MW-22-22022018	
				Date	12/16/2016		2/15/2017		5/17/2017		8/16/2017		11/16/2017		2/22/2018	
				Sample Type	N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	38.4		35.4		31.2	J-	34.6		41.9		58.7	
EPA 604.1	Hexachlorophene	70-30-4	6 ^{n,a}	ug/L	< 10.3 U		< 10.6 U		< 10.5 U		< 10 U		< 10.9 U		< 10 U	
EPA 8260B	1,1,1,2-Tetrachloroethane	630-20-6	0.57 ^c	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1,1-Trichloroethane	71-55-6	200	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1,2,2-Tetrachloroethane	79-34-5	7.6 ^{c,a}	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1,2-Trichloroethane	79-00-5	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1-Dichloroethane	75-34-3	2.8 ^c	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1-Dichloroethene	75-35-4	7	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,1-Dichloropropene	563-58-6	None	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2,3-Trichlorobenzene	87-61-6	7 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2,3-Trichloropropane	96-18-4	0.075 ^{c,a}	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2,4-Trichlorobenzene	120-82-1	70	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2,4-Trimethylbenzene	95-63-6	15 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2-Dibromo-3-chloropropane	96-12-8	0.2	ug/L	< 0.50 U		< 0.5 U		< 0.50 U		< 0.5 U		< 0.5 U		< 2 U	
EPA 8260B	1,2-Dibromoethane	106-93-4	0.05	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2-Dichlorobenzene	95-50-1	600	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2-Dichloroethane	107-06-2	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2-Dichloroethene, Total	540-59-0	None	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,2-Dichloropropane	78-87-5	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,3,5-Trimethylbenzene	108-67-8	120 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,3-Dichlorobenzene	541-73-1	None	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,3-Dichloropropane	142-28-9	370 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	1,4-Dichlorobenzene	106-46-7	75	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	2,2-Dichloropropane	594-20-7	None	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 2 U	
EPA 8260B	2-Butanone	78-93-3	5600 ⁿ	ug/L	< 2.0 U		< 2 U		< 2.0 U		< 2 U		< 2 U		< 5 U	
EPA 8260B	2-Chlorotoluene	95-49-8	240 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 1 U	
EPA 8260B	2-Hexanone	591-78-6	38 ⁿ	ug/L	< 2.0 U		< 2 U		< 2.0 U		< 2 U		< 2 U		< 5 U	
EPA 8260B	4-Chlorotoluene	106-43-4	250 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 1 U	
EPA 8260B	4-Methyl-2-pentanone	108-10-1	6300 ⁿ	ug/L	< 2.0 U		< 2 U		< 2.0 U		< 2 U		< 2 U		< 5 U	
EPA 8260B	Acetone	67-64-1	14000 ⁿ	ug/L	< 2.5 U		< 2.5 U		6.4	U	< 5 U		< 5 U		< 10 U	
EPA 8260B	Benzene	71-43-2	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Bromobenzene	108-86-1	62 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Bromochloromethane	74-97-5	83 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Bromodichloromethane	75-27-4	80	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Bromoform	75-25-2	80	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 2 U	
EPA 8260B	Bromomethane	74-83-9	7.5 ⁿ	ug/L	< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 5 U	
EPA 8260B	Carbon Disulfide	75-15-0	810 ⁿ	ug/L	< 0.50 U		< 0.5 U		< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U	

Table 1
East Area Groundwater Data Summary (MW-22)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

				Well ID	MW-22		MW-22		MW-22		MW-22		MW-22		MW-22	
				Sample ID	MW-22-16122016		MW-22-15022017		MW-22-17052017		MW-22-16082017		MW-22-16112017		MW-22-22022018	
				Date	12/16/2016		2/15/2017		5/17/2017		8/16/2017		11/16/2017		2/22/2018	
				Sample Type	N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8260B	Carbon Tetrachloride	56-23-5	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Chlorobenzene	108-90-7	100	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Chlorodibromomethane	124-48-1	80	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Chloroethane	75-00-3	21000 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 1 U	
EPA 8260B	Chloroform	67-66-3	80	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Chloromethane	74-87-3	190 ⁿ	ug/L	< 0.50 U		< 0.5 U		< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	cis-1,2-Dichloroethene	156-59-2	70	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	cis-1,3-Dichloropropene	10061-01-5	0.47	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Dibromomethane	74-95-3	8.3 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Dichlorodifluoromethane	75-71-8	200 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Ethylbenzene	100-41-4	700	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Fluorotrichloromethane	75-69-4	5200 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Hexachlorobutadiene	87-68-3	6.5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Isopropylbenzene	98-82-8	450 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Methylene Chloride	75-09-2	5	ug/L	< 0.50 U		< 0.5 U		< 0.50 U		< 0.5 U		< 0.5 U		< 1 U	
EPA 8260B	Methyl-tert-butyl-ether	1634-04-4	14 ^c	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Naphthalene	91-20-3	6.1 ^{c, a}	ug/L	< 0.50 U		< 0.5 U		< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	n-Butylbenzene	104-51-8	1000 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	n-Propylbenzene	103-65-1	660 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	p-Isopropyltoluene	99-87-6	None	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	sec-Butylbenzene	135-98-8	2000 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Styrene	100-42-5	100	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	tert-Butylbenzene	98-06-6	690 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Tetrachloroethene	127-18-4	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Toluene	108-88-3	1000	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	trans-1,2-Dichloroethene	156-60-5	100	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	trans-1,3-Dichloropropene	10061-02-6	0.47	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Trichloroethene	79-01-6	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Vinyl Chloride	75-01-4	2	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.1 U		< 0.5 U	
EPA 8260B	Xylenes, Total	1330-20-7	10000	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 0.2 U		< 1.5 U	
EPA 8270D	2,2'-oxybis(1-Chloropropane)	108-60-1	710 ⁿ	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U	
EPA 8270D	2,4,6-Trichlorophenol	88-06-2	4.1 ^c	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U	
EPA 8270D	2,4-Dichlorophenol	120-83-2	46 ⁿ	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U	
EPA 8270D	2,4-Dimethylphenol	105-67-9	360 ⁿ	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U	
EPA 8270D	2,4-Dinitrophenol	51-28-5	39 ⁿ	ug/L	< 2.7 U		< 2.9 U		< 2.6 U		< 2.5 U		< 2.7 U		< 2.7 U	
EPA 8270D	2,4-Dinitrotoluene	121-14-2	24 ^{c, a}	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U	
EPA 8270D	2,6-Dinitrotoluene	606-20-2	4.9 ^{c, a}	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U	

Table 1
East Area Groundwater Data Summary (MW-22)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

				Well ID	MW-22		MW-22		MW-22		MW-22		MW-22		MW-22	
				Sample ID	MW-22-16122016		MW-22-15022017		MW-22-17052017		MW-22-16082017		MW-22-16112017		MW-22-22022018	
				Date	12/16/2016		2/15/2017		5/17/2017		8/16/2017		11/16/2017		2/22/2018	
				Sample Type	N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8270D	2-Chloronaphthalene	91-58-7	750 ⁿ	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U	
EPA 8270D	2-Chlorophenol	95-57-8	91 ⁿ	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U	
EPA 8270D	2-Methylnaphthalene	91-57-6	36 ⁿ	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U	
EPA 8270D	2-Methylphenol	95-48-7	930 ⁿ	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U	
EPA 8270D	2-Nitroaniline	88-74-4	190 ⁿ	ug/L	< 2.7 U		< 2.9 U		< 2.6 U		< 2.5 U		< 2.7 U		< 2.7 U	
EPA 8270D	2-Nitrophenol	88-75-5	None	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U	
EPA 8270D	3 & 4-Methylphenol	MEPH3MEPH4	930 ⁿ	ug/L	< 2.2 U		< 2.3 U		< 2.1 U		< 2 U		< 2.1 U		< 2.1 U	
EPA 8270D	3,3-Dichlorobenzidine	91-94-1	13 ^{c,a}	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U	
EPA 8270D	3-Nitroaniline	99-09-2	None	ug/L	< 2.7 U		< 2.9 U		< 2.6 U		< 2.5 U		< 2.7 U		< 2.7 U	
EPA 8270D	4,6-Dinitro-2-methylphenol	534-52-1	1.5 ^{n,a}	ug/L	< 2.7 U		< 2.9 U		< 2.6 U		< 2.5 U		< 2.7 U		< 2.7 U	
EPA 8270D	4-Bromophenyl Phenyl Ether	101-55-3	None	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U	
EPA 8270D	4-Chloro-3-methylphenol	59-50-7	1400 ⁿ	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U	
EPA 8270D	4-Chloroaniline	106-47-8	37 ^{c,a}	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U	
EPA 8270D	4-Chlorophenyl Phenyl Ether	7005-72-3	None	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U	
EPA 8270D	4-Nitroaniline	100-01-6	3.8 ^c	ug/L	< 2.7 U		< 2.9 U		< 2.6 U		< 2.5 U		< 2.7 U		< 2.7 U	
EPA 8270D	4-Nitrophenol	100-02-7	None	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U	
EPA 8270D	Acenaphthene	83-32-9	530 ⁿ	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U	
EPA 8270D	Acenaphthylene	208-96-8	None	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U	
EPA 8270D	Aniline	62-53-3	13 ^c	ug/L	< 2.7 U		< 2.9 U		< 2.6 U		< 2.5 U		< 2.7 U		< 2.7 U	
EPA 8270D	Anthracene	120-12-7	1800 ⁿ	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U	
EPA 8270D	Benzo(a)anthracene	56-55-3	1.2 ^{c,a}	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U	
EPA 8270D	Benzo(a)pyrene	50-32-8	0.2	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U	
EPA 8270D	Benzoic Acid	65-85-0	75000 ⁿ	ug/L	< 27.5 U		< 29.2 U		< 26.0 U		< 25.4 U		< 26.6 U		< 26.6 U	
EPA 8270D	bis(2-Chloroethyl)ether	111-44-4	0.014 ^c	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U	
EPA 8270D	bis(2-Ethylhexyl)phthalate	117-81-7	6	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U	
EPA 8270D	Butylbenzylphthalate	85-68-7	16 ^c	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U	
EPA 8270D	Chrysene	218-01-9	3.4 ^c	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U	
EPA 8270D	Dibenzo(a,h)anthracene	53-70-3	0.34 ^{c,a}	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U	
EPA 8270D	Dibenzofuran	132-64-9	7.9 ⁿ	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U	
EPA 8270D	Diethylphthalate	84-66-2	15000 ⁿ	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U	
EPA 8270D	Dimethylphthalate	131-11-3	None	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U	
EPA 8270D	Di-n-butylphthalate	84-74-2	900 ⁿ	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U	
EPA 8270D	Di-n-octylphthalate	117-84-0	200 ⁿ	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U	
EPA 8270D	Fluoranthene	206-44-0	800 ⁿ	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U	
EPA 8270D	Fluorene	86-73-7	290 ⁿ	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U	
EPA 8270D	Hexachlorobenzene	118-74-1	1	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U	

Table 1
East Area Groundwater Data Summary (MW-22)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Well ID		MW-22		MW-22		MW-22		MW-22		MW-22				
					Sample ID	Date	Sample Type	MW-22-16122016		MW-22-15022017		MW-22-17052017		MW-22-16082017		MW-22-16112017		MW-22-22022018	
								12/16/2016		2/15/2017		5/17/2017		8/16/2017		11/16/2017		2/22/2018	
								N		N		N		N		N		N	
Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual						
EPA 8270D	Hexachlorocyclopentadiene	77-47-4	50	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U				
EPA 8270D	Hexachloroethane	67-72-1	6.2 ^{c,a}	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U				
EPA 8270D	Indeno(1,2,3-cd)pyrene	193-39-5	3.4 ^{c,a}	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U				
EPA 8270D	Isophorone	78-59-1	78 ^c	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U				
EPA 8270D	Nitrobenzene	98-95-3	13 ^{c,a}	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U				
EPA 8270D	N-Nitrosodi-n-propylamine	621-64-7	1.1 ^{c,a}	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U				
EPA 8270D	N-Nitrosodiphenylamine	86-30-6	12 ^c	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U				
EPA 8270D	Pentachlorophenol	87-86-5	1	ug/L	< 2.7 U		< 2.9 U		< 2.6 U		< 2.5 U		< 2.7 U		< 2.7 U				
EPA 8270D	Phenanthrene	85-01-8	None	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U				
EPA 8270D	Phenol	108-95-2	5800 ⁿ	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U				
EPA 8270D	Pyrene	129-00-0	120 ⁿ	ug/L	< 1.1 U		< 1.2 U		< 1.0 U		< 1 U		< 1.1 U		< 1.1 U				
SW846 8290	1,2,3,4,6,7,8-HpCDD	35822-46-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U				
SW846 8290	1,2,3,4,6,7,8-HpCDF	67562-39-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U				
SW846 8290	1,2,3,4,7,8,9-HpCDF	55673-89-7	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U				
SW846 8290	1,2,3,4,7,8-HxCDD	39227-28-6	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U				
SW846 8290	1,2,3,4,7,8-HxCDF	70648-26-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U				
SW846 8290	1,2,3,6,7,8-HxCDD	57653-85-7	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U				
SW846 8290	1,2,3,6,7,8-HxCDF	57117-44-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U				
SW846 8290	1,2,3,7,8,9-HxCDD	19408-74-3	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U				
SW846 8290	1,2,3,7,8,9-HxCDF	72918-21-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U				
SW846 8290	1,2,3,7,8-PeCDD	40321-76-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U				
SW846 8290	1,2,3,7,8-PeCDF	57117-41-6	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U				
SW846 8290	2,3,4,6,7,8-HxCDF	60851-34-5	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U				
SW846 8290	2,3,4,7,8-PeCDF	57117-31-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U				
SW846 8290	2,3,7,8-TCDF	51207-31-9	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U				
SW846 8290	2,3,7,8-Tetrachlorodibenzo-p-Dioxin	1746-01-6	30	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U				
SW846 8290	OCDD	3268-87-9	None	pg/L	< 100 U		< 100 U	UJ	< 100 U		< 100 U		< 100 U		< 100 U				
SW846 8290	OCDF	39001-02-0	None	pg/L	< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U				
SW846 8290	Total HpCDD	37871-00-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U				
SW846 8290	Total HpCDF	38998-75-3	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U				
SW846 8290	Total HxCDD	34465-46-8	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U				
SW846 8290	Total HxCDF	55684-94-1	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U				
SW846 8290	Total PeCDD	36088-22-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U				
SW846 8290	Total PeCDF	30402-15-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U				
SW846 8290	Total TCDD	41903-57-5	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U				
SW846 8290	Total TCDF	55722-27-5	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U				

Table 1
East Area Groundwater Data Summary (MW-22)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

				Well ID	MW-22		MW-22		MW-22		MW-22		MW-22		MW-22		MW-22		MW-22		MW-22	
				Sample ID	MW-22-10122019		MW-22-25022020		MW-22-16062020		MW-22-25082020		MW-22-18112020		MW-22-10032021		MW-22-26052021		MW-22-18082021		MW-22-04112021	
				Date	12/10/2019		2/25/2020		6/16/2020		8/25/2020		11/18/2020		3/10/2021		5/26/2021		8/18/2021		11/4/2021	
				Sample Type	N		N		N		N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	39.0		36.9		33.5		39.0		36.1		41.4		31.8		39.0		40.4	

Notes:

- * Project Quantitation Limit Goals are analytical goals listed solely for the purpose of evaluating laboratory analytical methods and achievable laboratory limits; these are not project-specific screening levels and are not approved by USEPA or MDNR as the appropriate risk assessment values for this project. The risk assessment values will be developed in subsequent phases of the project.
- + MCL or RSL not established
- c USEPA Tapwater Regional Screening Level (cancer)
- n USEPA Tapwater Regional Screening Level (noncancer)
- a Regional Screening Level adjusted to 10⁻⁴
- No analysis performed.
- U The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
- J The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
- J- The result is an estimated quantity, but the result may be biased low.
- UJ The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

Table 1
East Area Groundwater Data Summary (EA-221B)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

Well ID Sample ID Date Sample Type					EA-221B		EA-221B		EA-221B		EA-221B		EA-221B		EA-221B	
					EA-221B-19122016		EA-221B-16022017		EA-221B-17052017		EA-221B-16082017		EA-221B-17112017		EA-221B-22022018	
					12/19/2016		2/16/2017		5/17/2017		8/16/2017		11/17/2017		2/22/2018	
					N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	1310		76.6		131	J-	82.9		73.3		82.4	
EPA 604.1	Hexachlorophene	70-30-4	6 ^{n,a}	ug/L	< 10.9 U		< 10.6 U		< 10.1 U		< 10 U		< 10.3 U		< 10 U	
EPA 8260B	1,1,1,2-Tetrachloroethane	630-20-6	0.57 ^c	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1,1-Trichloroethane	71-55-6	200	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1,2,2-Tetrachloroethane	79-34-5	7.6 ^{c,a}	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1,2-Trichloroethane	79-00-5	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1-Dichloroethane	75-34-3	2.8 ^c	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1-Dichloroethene	75-35-4	7	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1-Dichloropropene	563-58-6	None	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,3-Trichlorobenzene	87-61-6	7 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,3-Trichloropropane	96-18-4	0.075 ^{c,a}	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,4-Trichlorobenzene	120-82-1	70	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,4-Trimethylbenzene	95-63-6	15 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dibromo-3-chloropropane	96-12-8	0.2	ug/L	< 0.50 U		< 0.5 U		< 0.50 U		< 0.5 U		< 2 U		< 2 U	
EPA 8260B	1,2-Dibromoethane	106-93-4	0.05	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichlorobenzene	95-50-1	600	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichloroethane	107-06-2	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichloroethene, Total	540-59-0	None	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichloropropane	78-87-5	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,3,5-Trimethylbenzene	108-67-8	120 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,3-Dichlorobenzene	541-73-1	None	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,3-Dichloropropane	142-28-9	370 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,4-Dichlorobenzene	106-46-7	75	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	2,2-Dichloropropane	594-20-7	None	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 2 U		< 2 U	
EPA 8260B	2-Butanone	78-93-3	5600 ⁿ	ug/L	< 2.0 U		< 2 U		< 2.0 U		< 2 U		< 5 U		< 5 U	
EPA 8260B	2-Chlorotoluene	95-49-8	240 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 1 U		< 1 U	
EPA 8260B	2-Hexanone	591-78-6	38 ⁿ	ug/L	< 2.0 U		< 2 U		< 2.0 U		< 2 U		< 5 U		< 5 U	
EPA 8260B	4-Chlorotoluene	106-43-4	250 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 1 U		< 1 U	
EPA 8260B	4-Methyl-2-pentanone	108-10-1	6300 ⁿ	ug/L	< 2.0 U		< 2 U		< 2.0 U		< 2 U		< 5 U		< 5 U	
EPA 8260B	Acetone	67-64-1	14000 ⁿ	ug/L	< 2.5 U		< 2.5 U		23	U	< 5 U		< 10 U		< 10 U	
EPA 8260B	Benzene	71-43-2	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromobenzene	108-86-1	62 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromochloromethane	74-97-5	83 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromodichloromethane	75-27-4	80	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromoform	75-25-2	80	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 2 U		< 2 U	
EPA 8260B	Bromomethane	74-83-9	7.5 ⁿ	ug/L	< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 20 U		< 5 U	
EPA 8260B	Carbon Disulfide	75-15-0	810 ⁿ	ug/L	< 0.50 U		< 0.5 U		< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U	

Table 1
East Area Groundwater Data Summary (EA-221B)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

					EA-221B		EA-221B		EA-221B		EA-221B		EA-221B		EA-221B	
Well ID					EA-221B-19122016		EA-221B-16022017		EA-221B-17052017		EA-221B-16082017		EA-221B-17112017		EA-221B-22022018	
Sample ID					12/19/2016		2/16/2017		5/17/2017		8/16/2017		11/17/2017		2/22/2018	
Date					N		N		N		N		N		N	
Sample Type					N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8260B	Carbon Tetrachloride	56-23-5	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Chlorobenzene	108-90-7	100	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Chlorodibromomethane	124-48-1	80	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Chloroethane	75-00-3	21000 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 2 U		< 1 U	
EPA 8260B	Chloroform	67-66-3	80	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Chloromethane	74-87-3	190 ⁿ	ug/L	< 0.50 U		< 0.5 U		0.82		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	cis-1,2-Dichloroethene	156-59-2	70	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	cis-1,3-Dichloropropene	10061-01-5	0.47	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Dibromomethane	74-95-3	8.3 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Dichlorodifluoromethane	75-71-8	200 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Ethylbenzene	100-41-4	700	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Fluorotrichloromethane	75-69-4	5200 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Hexachlorobutadiene	87-68-3	6.5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Isopropylbenzene	98-82-8	450 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Methylene Chloride	75-09-2	5	ug/L	< 0.50 U		< 0.5 U		< 0.50 U		< 0.5 U		< 5 U		< 1 U	
EPA 8260B	Methyl-tert-butyl-ether	1634-04-4	14 ^c	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Naphthalene	91-20-3	6.1 ^{c,a}	ug/L	< 0.50 U		< 0.5 U		< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	n-Butylbenzene	104-51-8	1000 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	n-Propylbenzene	103-65-1	660 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	p-Isopropyltoluene	99-87-6	None	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	sec-Butylbenzene	135-98-8	2000 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Styrene	100-42-5	100	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	tert-Butylbenzene	98-06-6	690 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Tetrachloroethene	127-18-4	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Toluene	108-88-3	1000	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	trans-1,2-Dichloroethene	156-60-5	100	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	trans-1,3-Dichloropropene	10061-02-6	0.47	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Trichloroethene	79-01-6	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Vinyl Chloride	75-01-4	2	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Xylenes, Total	1330-20-7	10000	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.2 U		< 1.5 U		< 1.5 U	
EPA 8270D	2,2'-oxybis(1-Chloropropane)	108-60-1	710 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	2,4,6-Trichlorophenol	88-06-2	4.1 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	2,4-Dichlorophenol	120-83-2	46 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	2,4-Dimethylphenol	105-67-9	360 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	2,4-Dinitrophenol	51-28-5	39 ⁿ	ug/L	< 2.9 U		< 2.7 U		< 2.5 U		< 2.6 U		< 2.6 U		< 2.5 U	
EPA 8270D	2,4-Dinitrotoluene	121-14-2	24 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	2,6-Dinitrotoluene	606-20-2	4.9 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	

Table 1
East Area Groundwater Data Summary (EA-221B)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	EA-221B		EA-221B		EA-221B		EA-221B		EA-221B		EA-221B	
					EA-221B-19122016		EA-221B-16022017		EA-221B-17052017		EA-221B-16082017		EA-221B-17112017		EA-221B-22022018	
					12/19/2016		2/16/2017		5/17/2017		8/16/2017		11/17/2017		2/22/2018	
					N		N		N		N		N		N	
					Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8270D	2-Chloronaphthalene	91-58-7	750 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	2-Chlorophenol	95-57-8	91 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	2-Methylnaphthalene	91-57-6	36 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	2-Methylphenol	95-48-7	930 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	2-Nitroaniline	88-74-4	190 ⁿ	ug/L	< 2.9 U		< 2.7 U		< 2.5 U		< 2.6 U		< 2.6 U		< 2.5 U	
EPA 8270D	2-Nitrophenol	88-75-5	None	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	3 & 4-Methylphenol	MEPH3MEPH4	930 ⁿ	ug/L	< 2.3 U		< 2.2 U		< 2.0 U		< 2.1 U		< 2.1 U		< 2 U	
EPA 8270D	3,3-Dichlorobenzidine	91-94-1	13 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	3-Nitroaniline	99-09-2	None	ug/L	< 2.9 U		< 2.7 U		< 2.5 U		< 2.6 U		< 2.6 U		< 2.5 U	
EPA 8270D	4,6-Dinitro-2-methylphenol	534-52-1	1.5 ^{n,a}	ug/L	< 2.9 U		< 2.7 U		< 2.5 U		< 2.6 U		< 2.6 U		< 2.5 U	
EPA 8270D	4-Bromophenyl Phenyl Ether	101-55-3	None	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	4-Chloro-3-methylphenol	59-50-7	1400 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	4-Chloroaniline	106-47-8	37 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	4-Chlorophenyl Phenyl Ether	7005-72-3	None	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	4-Nitroaniline	100-01-6	3.8 ^c	ug/L	< 2.9 U		< 2.7 U		< 2.5 U		< 2.6 U		< 2.6 U		< 2.5 U	
EPA 8270D	4-Nitrophenol	100-02-7	None	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Acenaphthene	83-32-9	530 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Acenaphthylene	208-96-8	None	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Aniline	62-53-3	13 ^c	ug/L	< 2.9 U		< 2.7 U		< 2.5 U		< 2.6 U		< 2.6 U		< 2.5 U	
EPA 8270D	Anthracene	120-12-7	1800 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Benzo(a)anthracene	56-55-3	1.2 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Benzo(a)pyrene	50-32-8	0.2	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Benzoic Acid	65-85-0	75000 ⁿ	ug/L	< 28.6 U		< 26.9 U		< 25.3 U		< 26.3 U		< 25.6 U		< 25 U	
EPA 8270D	bis(2-Chloroethyl)ether	111-44-4	0.014 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	bis(2-Ethylhexyl)phthalate	117-81-7	6	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Butylbenzylphthalate	85-68-7	16 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Chrysene	218-01-9	3.4 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Dibenzo(a,h)anthracene	53-70-3	0.34 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Dibenzofuran	132-64-9	7.9 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Diethylphthalate	84-66-2	15000 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Dimethylphthalate	131-11-3	None	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Di-n-butylphthalate	84-74-2	900 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Di-n-octylphthalate	117-84-0	200 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Fluoranthene	206-44-0	800 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Fluorene	86-73-7	290 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Hexachlorobenzene	118-74-1	1	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	

Table 1
East Area Groundwater Data Summary (EA-221B)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	EA-221B		EA-221B		EA-221B		EA-221B		EA-221B		EA-221B	
					Sample ID	EA-221B-19122016	EA-221B-16022017	EA-221B-17052017	EA-221B-16082017	EA-221B-17112017	EA-221B-22022018					
					Date	12/19/2016	2/16/2017	5/17/2017	8/16/2017	11/17/2017	2/22/2018					
					Sample Type	N	N	N	N	N	N					
Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual			
EPA 8270D	Hexachlorocyclopentadiene	77-47-4	50	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Hexachloroethane	67-72-1	6.2 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Indeno(1,2,3-cd)pyrene	193-39-5	3.4 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Isophorone	78-59-1	78 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Nitrobenzene	98-95-3	13 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	N-Nitrosodi-n-propylamine	621-64-7	1.1 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	N-Nitrosodiphenylamine	86-30-6	12 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Pentachlorophenol	87-86-5	1	ug/L	< 2.9 U		< 2.7 U		< 2.5 U		< 2.6 U		< 2.6 U		< 2.5 U	
EPA 8270D	Phenanthrene	85-01-8	None	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Phenol	108-95-2	5800 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
EPA 8270D	Pyrene	129-00-0	120 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1.1 U		< 1 U		< 1 U	
SW846 8290	1,2,3,4,6,7,8-HpCDD	35822-46-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,6,7,8-HpCDF	67562-39-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8,9-HpCDF	55673-89-7	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8-HxCDD	39227-28-6	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8-HxCDF	70648-26-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,6,7,8-HxCDD	57653-85-7	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,6,7,8-HxCDF	57117-44-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8,9-HxCDD	19408-74-3	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8,9-HxCDF	72918-21-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8-PeCDD	40321-76-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8-PeCDF	57117-41-6	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,4,6,7,8-HxCDF	60851-34-5	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,4,7,8-PeCDF	57117-31-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,7,8-TCDF	51207-31-9	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	2,3,7,8-Tetrachlorodibenzo-p-Dioxin	1746-01-6	30	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	OCDD	3268-87-9	None	pg/L	< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U	
SW846 8290	OCDF	39001-02-0	None	pg/L	< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U	
SW846 8290	Total HpCDD	37871-00-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HpCDF	38998-75-3	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HxCDD	34465-46-8	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HxCDF	55684-94-1	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total PeCDD	36088-22-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total PeCDF	30402-15-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total TCDD	41903-57-5	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	Total TCDF	55722-27-5	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	

**Table 1
East Area Groundwater Data Summary (EA-221B)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO**

				Well ID	EA-221B		EA-221B		EA-221B		EA-221B		EA-221B		EA-221B		EA-221B		EA-221B		EA-221B		
				Sample ID	EA-221B-10122019	EA-221B-26022020	EA-221B-17062020	EA-221B-27082020	EA-221B-18112020	EA-221B-11032021	EA-221B-26052021	EA-221B-19082021	EA-221B-03112021										
				Date	12/10/2019	2/26/2020	6/17/2020	8/27/2020	11/18/2020	3/11/2021	5/26/2021	8/19/2021	11/3/2021										
				Sample Type	N	N	N	N	N	N	N	N	N										
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	150		167		265		117		71.2		135		197		113		159		

Notes:

- * Project Quantitation Limit Goals are analytical goals listed solely for the purpose of evaluating laboratory analytical methods and achievable laboratory limits; these are not project-specific screening levels and are not approved by USEPA or MDNR as the appropriate risk assessment values for this project. The risk assessment values will be developed in subsequent phases of the project.
- + MCL or RSL not established
- c USEPA Tapwater Regional Screening Level (cancer)
- n USEPA Tapwater Regional Screening Level (noncancer)
- a Regional Screening Level adjusted to 10⁻⁴
- No analysis performed.
- U The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
- J The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
- J- The result is an estimated quantity, but the result may be biased low.
- UJ The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

**Table 1
East Area Groundwater Data Summary (EA-222B)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO**

				Well ID	EA-222B		EA-222B		EA-222B		EA-222B		EA-222B		EA-222B		EA-222B	
				Sample ID	EA-222B-22122016		EA-222B-15022017		EA-222B-16052017		EA-222B-18052017		EA-222B-15082017		EA-222B-13112017		EA-222B-19022018	
				Date	12/22/2016		2/15/2017		5/16/2017		5/18/2017		8/15/2017		11/13/2017		2/19/2018	
				Sample Type	N		N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	0.13		0.15				0.28	J-	0.07		< 3.5 U		1	J-
EPA 604.1	Hexachlorophene	70-30-4	6 ^{n,a}	ug/L	< 10.8 U		< 10.6 U				< 11.2 U		< 10 U		< 11.1 U		< 10.9 U	
EPA 8260B	1,1,1,2-Tetrachloroethane	630-20-6	0.57 ^c	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1,1-Trichloroethane	71-55-6	200	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1,2,2-Tetrachloroethane	79-34-5	7.6 ^{c,a}	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1,2-Trichloroethane	79-00-5	5	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1-Dichloroethane	75-34-3	2.8 ^c	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1-Dichloroethene	75-35-4	7	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1-Dichloropropene	563-58-6	None	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,3-Trichlorobenzene	87-61-6	7 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,3-Trichloropropane	96-18-4	0.075 ^{c,a}	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,4-Trichlorobenzene	120-82-1	70	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,4-Trimethylbenzene	95-63-6	15 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dibromo-3-chloropropane	96-12-8	0.2	ug/L	< 0.5 U		< 0.5 U		< 0.50 U		< 0.50 U		< 0.5 U		< 2 U		< 2 U	
EPA 8260B	1,2-Dibromoethane	106-93-4	0.05	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichlorobenzene	95-50-1	600	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichloroethane	107-06-2	5	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichloroethene, Total	540-59-0	None	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichloropropane	78-87-5	5	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,3,5-Trimethylbenzene	108-67-8	120 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,3-Dichlorobenzene	541-73-1	None	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,3-Dichloropropane	142-28-9	370 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,4-Dichlorobenzene	106-46-7	75	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	2,2-Dichloropropane	594-20-7	None	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 2 U		< 2 U	
EPA 8260B	2-Butanone	78-93-3	5600 ⁿ	ug/L	< 2 U		< 2 U		< 2.0 U		< 2.0 U		< 2 U		< 5 U		< 5 U	
EPA 8260B	2-Chlorotoluene	95-49-8	240 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 1 U		< 1 U	
EPA 8260B	2-Hexanone	591-78-6	38 ⁿ	ug/L	< 2 U		< 2 U		< 2.0 U		< 2.0 U		< 2 U		< 5 U		< 5 U	
EPA 8260B	4-Chlorotoluene	106-43-4	250 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 1 U		< 1 U	
EPA 8260B	4-Methyl-2-pentanone	108-10-1	6300 ⁿ	ug/L	< 2 U		< 2 U		< 2.0 U		< 2.0 U		< 2 U		< 5 U		< 5 U	
EPA 8260B	Acetone	67-64-1	14000 ⁿ	ug/L	2.6		< 2.5 U		8.6	U	2.9	U	< 5 U	U	< 10 U		< 10 U	
EPA 8260B	Benzene	71-43-2	5	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromobenzene	108-86-1	62 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromochloromethane	74-97-5	83 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromodichloromethane	75-27-4	80	ug/L	0.99		0.42		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromoform	75-25-2	80	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 2 U		< 2 U	
EPA 8260B	Bromomethane	74-83-9	7.5 ⁿ	ug/L	< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 20 U		< 5 U	
EPA 8260B	Carbon Disulfide	75-15-0	810 ⁿ	ug/L	< 0.5 U		< 0.5 U		< 0.50 U		< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U	

**Table 1
East Area Groundwater Data Summary (EA-222B)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO**

				Well ID		EA-222B		EA-222B		EA-222B		EA-222B		EA-222B		EA-222B			
				Sample ID		EA-222B-22122016		EA-222B-15022017		EA-222B-16052017		EA-222B-18052017		EA-222B-15082017		EA-222B-13112017		EA-222B-19022018	
				Date		12/22/2016		2/15/2017		5/16/2017		5/18/2017		8/15/2017		11/13/2017		2/19/2018	
				Sample Type		N		N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	
EPA 8260B	Carbon Tetrachloride	56-23-5	5	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	Chlorobenzene	108-90-7	100	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	Chlorodibromomethane	124-48-1	80	ug/L	0.2		0.1		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	Chloroethane	75-00-3	21000 ⁿ	ug/L	< 0.1 U		< 0.1 U		0.13		< 0.10 U		< 0.1 U		< 2 U		< 1 U		
EPA 8260B	Chloroform	67-66-3	80	ug/L	2.8		2		1.0		0.84		0.19		< 0.5 U		< 0.5 U		
EPA 8260B	Chloromethane	74-87-3	190 ⁿ	ug/L	< 0.5 U		< 0.5 U		0.63		< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U		
EPA 8260B	cis-1,2-Dichloroethene	156-59-2	70	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	cis-1,3-Dichloropropene	10061-01-5	0.47	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	Dibromomethane	74-95-3	8.3 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	Dichlorodifluoromethane	75-71-8	200 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	Ethylbenzene	100-41-4	700	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	Fluorotrichloromethane	75-69-4	5200 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	Hexachlorobutadiene	87-68-3	6.5	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	Isopropylbenzene	98-82-8	450 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	Methylene Chloride	75-09-2	5	ug/L	< 0.5 U		< 0.5 U		< 0.50 U		< 0.50 U		< 0.5 U		< 5 U		< 1 U		
EPA 8260B	Methyl-tert-butyl-ether	1634-04-4	14 ^c	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	Naphthalene	91-20-3	6.1 ^{c,a}	ug/L	< 0.5 U		< 0.5 U		< 0.50 U		< 0.50 U		< 0.5 U		< 0.5 U		< 0.5 U		
EPA 8260B	n-Butylbenzene	104-51-8	1000 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	n-Propylbenzene	103-65-1	660 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	p-Isopropyltoluene	99-87-6	None	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	sec-Butylbenzene	135-98-8	2000 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	Styrene	100-42-5	100	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	tert-Butylbenzene	98-06-6	690 ⁿ	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	Tetrachloroethene	127-18-4	5	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	Toluene	108-88-3	1000	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	trans-1,2-Dichloroethene	156-60-5	100	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	trans-1,3-Dichloropropene	10061-02-6	0.47	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	Trichloroethene	79-01-6	5	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	Vinyl Chloride	75-01-4	2	ug/L	< 0.1 U		< 0.1 U		< 0.10 U		< 0.10 U		< 0.1 U		< 0.5 U		< 0.5 U		
EPA 8260B	Xylenes, Total	1330-20-7	10000	ug/L	< 0.2 U		< 0.2 U		< 0.20 U		< 0.20 U		< 0.2 U		< 1.5 U		< 1.5 U		
EPA 8270D	2,2'-oxybis(1-Chloropropane)	108-60-1	710 ⁿ	ug/L	< 1.1 U		< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U		< 1.1 U		
EPA 8270D	2,4,6-Trichlorophenol	88-06-2	4.1 ^c	ug/L	< 1.1 U		< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U		< 1.1 U		
EPA 8270D	2,4-Dichlorophenol	120-83-2	46 ⁿ	ug/L	< 1.1 U		< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U		< 1.1 U		
EPA 8270D	2,4-Dimethylphenol	105-67-9	360 ⁿ	ug/L	< 1.1 U		< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U		< 1.1 U		
EPA 8270D	2,4-Dinitrophenol	51-28-5	39 ⁿ	ug/L	< 2.6 U		< 2.8 U				< 2.6 U		< 2.6 U		< 2.7 U		< 2.7 U		
EPA 8270D	2,4-Dinitrotoluene	121-14-2	24 ^{c,a}	ug/L	< 1.1 U	UJ	< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U		< 1.1 U		
EPA 8270D	2,6-Dinitrotoluene	606-20-2	4.9 ^{c,a}	ug/L	< 1.1 U	UJ	< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U		< 1.1 U		

Table 1
East Area Groundwater Data Summary (EA-222B)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

					Well ID		EA-222B		EA-222B		EA-222B		EA-222B		EA-222B		EA-222B			
					Sample ID		EA-222B-22122016		EA-222B-15022017		EA-222B-16052017		EA-222B-18052017		EA-222B-15082017		EA-222B-13112017		EA-222B-19022018	
					Date		12/22/2016		2/15/2017		5/16/2017		5/18/2017		8/15/2017		11/13/2017		2/19/2018	
					Sample Type		N		N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual		
EPA 8270D	2-Chloronaphthalene	91-58-7	750 ⁿ	ug/L	< 1.1 U	UJ	< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U		< 1.1 U			
EPA 8270D	2-Chlorophenol	95-57-8	91 ⁿ	ug/L	< 1.1 U		< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U		< 1.1 U			
EPA 8270D	2-Methylnaphthalene	91-57-6	36 ⁿ	ug/L	< 1.1 U	UJ	< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U		< 1.1 U			
EPA 8270D	2-Methylphenol	95-48-7	930 ⁿ	ug/L	< 1.1 U		< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U		< 1.1 U			
EPA 8270D	2-Nitroaniline	88-74-4	190 ⁿ	ug/L	< 2.6 U	UJ	< 2.8 U				< 2.6 U		< 2.6 U		< 2.7 U		< 2.7 U			
EPA 8270D	2-Nitrophenol	88-75-5	None	ug/L	< 1.1 U		< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U		< 1.1 U			
EPA 8270D	3 & 4-Methylphenol	MEPH3MEPH4	930 ⁿ	ug/L	< 2.1 U		< 2.3 U				< 2.1 U		< 2.1 U		< 2.2 U		< 2.2 U			
EPA 8270D	3,3-Dichlorobenzidine	91-94-1	13 ^{c,a}	ug/L	< 1.1 U		< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U		< 1.1 U			
EPA 8270D	3-Nitroaniline	99-09-2	None	ug/L	< 2.6 U	UJ	< 2.8 U				< 2.6 U		< 2.6 U		< 2.7 U		< 2.7 U			
EPA 8270D	4,6-Dinitro-2-methylphenol	534-52-1	1.5 ^{n,a}	ug/L	< 2.6 U		< 2.8 U				< 2.6 U		< 2.6 U		< 2.7 U		< 2.7 U			
EPA 8270D	4-Bromophenyl Phenyl Ether	101-55-3	None	ug/L	< 1.1 U	UJ	< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U		< 1.1 U			
EPA 8270D	4-Chloro-3-methylphenol	59-50-7	1400 ⁿ	ug/L	< 1.1 U		< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U		< 1.1 U			
EPA 8270D	4-Chloroaniline	106-47-8	37 ^{c,a}	ug/L	< 1.1 U	UJ	< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U		< 1.1 U			
EPA 8270D	4-Chlorophenyl Phenyl Ether	7005-72-3	None	ug/L	< 1.1 U	UJ	< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U		< 1.1 U			
EPA 8270D	4-Nitroaniline	100-01-6	3.8 ^c	ug/L	< 2.6 U	UJ	< 2.8 U				< 2.6 U		< 2.6 U		< 2.7 U		< 2.7 U			
EPA 8270D	4-Nitrophenol	100-02-7	None	ug/L	< 1.1 U		< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U		< 1.1 U			
EPA 8270D	Acenaphthene	83-32-9	530 ⁿ	ug/L	< 1.1 U	UJ	< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U		< 1.1 U			
EPA 8270D	Acenaphthylene	208-96-8	None	ug/L	< 1.1 U	UJ	< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U		< 1.1 U			
EPA 8270D	Aniline	62-53-3	13 ^c	ug/L	< 2.6 U	UJ	< 2.8 U				< 2.6 U		< 2.6 U		< 2.7 U		< 2.7 U			
EPA 8270D	Anthracene	120-12-7	1800 ⁿ	ug/L	< 1.1 U	UJ	< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U		< 1.1 U			
EPA 8270D	Benzo(a)anthracene	56-55-3	1.2 ^{c,a}	ug/L	< 1.1 U	UJ	< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U		< 1.1 U			
EPA 8270D	Benzo(a)pyrene	50-32-8	0.2	ug/L	< 1.1 U	UJ	< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U		< 1.1 U			
EPA 8270D	Benzoic Acid	65-85-0	75000 ⁿ	ug/L	< 26.5 U		< 28.2 U				< 25.8 U		< 26.3 U		< 27.2 U		< 27.2 U			
EPA 8270D	bis(2-Chloroethyl)ether	111-44-4	0.014 ^c	ug/L	< 1.1 U		< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U		< 1.1 U			
EPA 8270D	bis(2-Ethylhexyl)phthalate	117-81-7	6	ug/L	2.6		< 1.1 U				< 1.0 U		3.6		< 1.1 U		< 1.1 U			
EPA 8270D	Butylbenzylphthalate	85-68-7	16 ^c	ug/L	< 1.1 U	UJ	< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U		< 1.1 U			
EPA 8270D	Chrysene	218-01-9	3.4 ^c	ug/L	< 1.1 U	UJ	< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U		< 1.1 U			
EPA 8270D	Dibenzo(a,h)anthracene	53-70-3	0.34 ^{c,a}	ug/L	< 1.1 U	UJ	< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U		< 1.1 U			
EPA 8270D	Dibenzofuran	132-64-9	7.9 ⁿ	ug/L	< 1.1 U	UJ	< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U		< 1.1 U			
EPA 8270D	Diethylphthalate	84-66-2	15000 ⁿ	ug/L	< 1.1 U	UJ	< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U		< 1.1 U			
EPA 8270D	Dimethylphthalate	131-11-3	None	ug/L	< 1.1 U	UJ	< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U		< 1.1 U			
EPA 8270D	Di-n-butylphthalate	84-74-2	900 ⁿ	ug/L	< 1.1 U	UJ	< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U		< 1.1 U			
EPA 8270D	Di-n-octylphthalate	117-84-0	200 ⁿ	ug/L	< 1.1 U	UJ	< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U		< 1.1 U			
EPA 8270D	Fluoranthene	206-44-0	800 ⁿ	ug/L	< 1.1 U	UJ	< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U		< 1.1 U			
EPA 8270D	Fluorene	86-73-7	290 ⁿ	ug/L	< 1.1 U	UJ	< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U		< 1.1 U			
EPA 8270D	Hexachlorobenzene	118-74-1	1	ug/L	< 1.1 U	UJ	< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U		< 1.1 U			
EPA 8270D	Hexachlorocyclopentadiene	77-47-4	50	ug/L	< 1.1 U	UJ	< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U		< 1.1 U			

Table 1
East Area Groundwater Data Summary (EA-222B)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

	Well ID	Sample ID	Date	Sample Type	EA-222B		EA-222B		EA-222B		EA-222B		EA-222B		EA-222B			
					EA-222B-22122016		EA-222B-15022017		EA-222B-16052017		EA-222B-18052017		EA-222B-15082017		EA-222B-13112017		EA-222B-19022018	
					12/22/2016		2/15/2017		5/16/2017		5/18/2017		8/15/2017		11/13/2017		2/19/2018	
					N		N		N		N		N		N		N	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual		
EPA 8270D	Hexachloroethane	67-72-1	6.2 ^{c,a}	ug/L	< 1.1 U	UJ	< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U			
EPA 8270D	Indeno(1,2,3-cd)pyrene	193-39-5	3.4 ^{c,a}	ug/L	< 1.1 U	UJ	< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U			
EPA 8270D	Isophorone	78-59-1	78 ^c	ug/L	< 1.1 U	UJ	< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U			
EPA 8270D	Nitrobenzene	98-95-3	13 ^{c,a}	ug/L	< 1.1 U	UJ	< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U			
EPA 8270D	N-Nitrosodi-n-propylamine	621-64-7	1.1 ^{c,a}	ug/L	< 1.1 U	UJ	< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U			
EPA 8270D	N-Nitrosodiphenylamine	86-30-6	12 ^c	ug/L	< 1.1 U	UJ	< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U			
EPA 8270D	Pentachlorophenol	87-86-5	1	ug/L	< 2.6 U		< 2.8 U				< 2.6 U		< 2.6 U		< 2.7 U			
EPA 8270D	Phenanthrene	85-01-8	None	ug/L	< 1.1 U	UJ	< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U			
EPA 8270D	Phenol	108-95-2	5800 ⁿ	ug/L	< 1.1 U		< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U			
EPA 8270D	Pyrene	129-00-0	120 ⁿ	ug/L	< 1.1 U	UJ	< 1.1 U				< 1.0 U		< 1.1 U		< 1.1 U			
SW846 8290	1,2,3,4,6,7,8-HpCDD	35822-46-9	None	pg/L	< 50 U		< 50 U				< 50 U		< 50 U		< 50 U			
SW846 8290	1,2,3,4,6,7,8-HpCDF	67562-39-4	None	pg/L	< 50 U		< 50 U				< 50 U		< 50 U		< 50 U			
SW846 8290	1,2,3,4,7,8,9-HpCDF	55673-89-7	None	pg/L	< 50 U		< 50 U				< 50 U		< 50 U		< 50 U			
SW846 8290	1,2,3,4,7,8-HxCDD	39227-28-6	None	pg/L	< 50 U		< 50 U				< 50 U		< 50 U		< 50 U			
SW846 8290	1,2,3,4,7,8-HxCDF	70648-26-9	None	pg/L	< 50 U		< 50 U				< 50 U		< 50 U		< 50 U			
SW846 8290	1,2,3,6,7,8-HxCDD	57653-85-7	None	pg/L	< 50 U		< 50 U				< 50 U		< 50 U		< 50 U			
SW846 8290	1,2,3,6,7,8-HxCDF	57117-44-9	None	pg/L	< 50 U		< 50 U				< 50 U		< 50 U		< 50 U			
SW846 8290	1,2,3,7,8,9-HxCDD	19408-74-3	None	pg/L	< 50 U		< 50 U				< 50 U		< 50 U		< 50 U			
SW846 8290	1,2,3,7,8,9-HxCDF	72918-21-9	None	pg/L	< 50 U		< 50 U				< 50 U		< 50 U		< 50 U			
SW846 8290	1,2,3,7,8-PeCDD	40321-76-4	None	pg/L	< 50 U		< 50 U				< 50 U		< 50 U		< 50 U			
SW846 8290	1,2,3,7,8-PeCDF	57117-41-6	None	pg/L	< 50 U		< 50 U				< 50 U		< 50 U		< 50 U			
SW846 8290	2,3,4,6,7,8-HxCDF	60851-34-5	None	pg/L	< 50 U		< 50 U				< 50 U		< 50 U		< 50 U			
SW846 8290	2,3,4,7,8-PeCDF	57117-31-4	None	pg/L	< 50 U		< 50 U				< 50 U		< 50 U		< 50 U			
SW846 8290	2,3,7,8-TCDF	51207-31-9	None	pg/L	< 10 U		< 10 U				< 10 U		< 10 U		< 10 U			
SW846 8290	2,3,7,8-Tetrachlorodibenzo-p-Dioxin	1746-01-6	30	pg/L	< 10 U		< 10 U				< 10 U		< 10 U		< 10 U			
SW846 8290	OCDD	3268-87-9	None	pg/L	< 100 U		< 100 U	UJ			< 100 U		< 100 U		< 100 U			
SW846 8290	OCDF	39001-02-0	None	pg/L	< 100 U		< 100 U				< 100 U		< 100 U		< 100 U			
SW846 8290	Total HpCDD	37871-00-4	None	pg/L	< 50 U		< 50 U				< 50 U		< 50 U		< 50 U			
SW846 8290	Total HpCDF	38998-75-3	None	pg/L	< 50 U		< 50 U				< 50 U		< 50 U		< 50 U			
SW846 8290	Total HxCDD	34465-46-8	None	pg/L	< 50 U		< 50 U				< 50 U		< 50 U		< 50 U			
SW846 8290	Total HxCDF	55684-94-1	None	pg/L	< 50 U		< 50 U				< 50 U		< 50 U		< 50 U			
SW846 8290	Total PeCDD	36088-22-9	None	pg/L	< 50 U		< 50 U				< 50 U		< 50 U		< 50 U			
SW846 8290	Total PeCDF	30402-15-4	None	pg/L	< 50 U		< 50 U				< 50 U		< 50 U		< 50 U			
SW846 8290	Total TCDD	41903-57-5	None	pg/L	< 10 U		< 10 U				< 10 U		< 10 U		< 10 U			
SW846 8290	Total TCDF	55722-27-5	None	pg/L	< 10 U		< 10 U				< 10 U		< 10 U		< 10 U			

**Table 1
East Area Groundwater Data Summary (EA-222B)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO**

				Well ID	EA-222B		EA-222B		EA-222B		EA-222B		EA-222B		EA-222B		EA-222B		EA-222B		EA-222B	
				Sample ID	EA-222B-06122019	EA-222B-20022020	EA-222B-15062020	EA-222B-25082020	EA-222B-17112020	EA-222B-09032021	EA-222B-04062021	EA-222B-17082021	EA-222B-02112021									
				Date	12/6/2019	2/20/2020	6/15/2020	8/25/2020	11/17/2020	3/9/2021	6/4/2021	8/17/2021	11/2/2021									
				Sample Type	N	N	N	N	N	N	N	N	N									
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	0.45		0.88		1.2		1.4		1.9		2.4		2.3		2.6		3.1	

Notes:

- * Project Quantitation Limit Goals are analytical goals listed solely for the purpose of evaluating laboratory analytical methods and achievable laboratory limits; these are not project-specific screening levels and are not approved by USEPA or MDNR as the appropriate risk assessment values for this project. The risk assessment values will be developed in subsequent phases of the project.
- + MCL or RSL not established
- c USEPA Tapwater Regional Screening Level (cancer)
- n USEPA Tapwater Regional Screening Level (noncancer)
- a Regional Screening Level adjusted to 10⁻⁴
- No analysis performed.
- U The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
- J The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
- J- The result is an estimated quantity, but the result may be biased low.
- UJ The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

Table 1
East Area Groundwater Data Summary (EA-223B)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	EA-223B		EA-223B		EA-223B		EA-223B		EA-223B		EA-223B	
					EA-223B-19122016		EA-223B-16022017		EA-223B-25052017		EA-223B-17082017		EA-223B-17112017		EA-223B-23022018	
					12/19/2016		2/16/2017		5/25/2017		8/17/2017		11/17/2017		2/23/2018	
					N		N		N		N		N		N	
Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	1320		1190		1550		1300	J-	729		1730	
EPA 604.1	Hexachlorophene	70-30-4	6 ^{n,a}	ug/L	< 10.4 U		< 10.6 U		< 10.3 U		< 10 U		< 10.9 U		< 10.5 U	
EPA 8260B	1,1,1,2-Tetrachloroethane	630-20-6	0.57 ^c	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1,1-Trichloroethane	71-55-6	200	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1,2,2-Tetrachloroethane	79-34-5	7.6 ^{c,a}	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1,2-Trichloroethane	79-00-5	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1-Dichloroethane	75-34-3	2.8 ^c	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1-Dichloroethene	75-35-4	7	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1-Dichloropropene	563-58-6	None	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,3-Trichlorobenzene	87-61-6	7 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,3-Trichloropropane	96-18-4	0.075 ^{c,a}	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,4-Trichlorobenzene	120-82-1	70	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,4-Trimethylbenzene	95-63-6	15 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dibromo-3-chloropropane	96-12-8	0.2	ug/L	< 0.50 U		< 0.5 U		< 0.50 U		< 1 U		< 2 U		< 2 U	
EPA 8260B	1,2-Dibromoethane	106-93-4	0.05	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichlorobenzene	95-50-1	600	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichloroethane	107-06-2	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichloroethene, Total	540-59-0	None	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichloropropane	78-87-5	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,3,5-Trimethylbenzene	108-67-8	120 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,3-Dichlorobenzene	541-73-1	None	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,3-Dichloropropane	142-28-9	370 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,4-Dichlorobenzene	106-46-7	75	ug/L	< 0.10 U		< 0.1 U		0.18		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	2,2-Dichloropropane	594-20-7	None	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 2 U		< 2 U	
EPA 8260B	2-Butanone	78-93-3	5600 ⁿ	ug/L	< 2.0 U		< 2 U		< 2.0 U		< 4 U		< 5 U		< 5 U	
EPA 8260B	2-Chlorotoluene	95-49-8	240 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 1 U		< 1 U	
EPA 8260B	2-Hexanone	591-78-6	38 ⁿ	ug/L	< 2.0 U		< 2 U		< 2.0 U		< 4 U		< 5 U		< 5 U	
EPA 8260B	4-Chlorotoluene	106-43-4	250 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 1 U		< 1 U	
EPA 8260B	4-Methyl-2-pentanone	108-10-1	6300 ⁿ	ug/L	< 2.0 U		< 2 U		< 2.0 U		< 4 U		< 5 U		< 5 U	
EPA 8260B	Acetone	67-64-1	14000 ⁿ	ug/L	< 2.5 U		< 2.5 U		4.4		< 10 U		< 10 U		< 10 U	
EPA 8260B	Benzene	71-43-2	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromobenzene	108-86-1	62 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromochloromethane	74-97-5	83 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromodichloromethane	75-27-4	80	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromoform	75-25-2	80	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 2 U		< 2 U	
EPA 8260B	Bromomethane	74-83-9	7.5 ⁿ	ug/L	< 2.5 U		< 2.5 U		< 2.5 U		< 5 U		< 20 U		< 5 U	
EPA 8260B	Carbon Disulfide	75-15-0	810 ⁿ	ug/L	< 0.50 U		< 0.5 U		< 0.50 U		< 1 U		< 0.5 U		< 0.5 U	

Table 1
East Area Groundwater Data Summary (EA-223B)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

				Well ID	EA-223B		EA-223B		EA-223B		EA-223B		EA-223B		EA-223B	
				Sample ID	EA-223B-19122016	EA-223B-16022017	EA-223B-25052017	EA-223B-17082017	EA-223B-17112017	EA-223B-23022018						
				Date	12/19/2016	2/16/2017	5/25/2017	8/17/2017	11/17/2017	2/23/2018						
				Sample Type	N	N	N	N	N	N						
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8260B	Carbon Tetrachloride	56-23-5	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Chlorobenzene	108-90-7	100	ug/L	0.20		0.23		0.28		0.32		0.54		1.3	
EPA 8260B	Chlorodibromomethane	124-48-1	80	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Chloroethane	75-00-3	21000 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 2 U		< 1 U	
EPA 8260B	Chloroform	67-66-3	80	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Chloromethane	74-87-3	190 ⁿ	ug/L	< 0.50 U		< 0.5 U		< 0.50 U		< 1 U		< 0.5 U		< 0.5 U	
EPA 8260B	cis-1,2-Dichloroethene	156-59-2	70	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	cis-1,3-Dichloropropene	10061-01-5	0.47	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Dibromomethane	74-95-3	8.3 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Dichlorodifluoromethane	75-71-8	200 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Ethylbenzene	100-41-4	700	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Fluorotrichloromethane	75-69-4	5200 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Hexachlorobutadiene	87-68-3	6.5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Isopropylbenzene	98-82-8	450 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Methylene Chloride	75-09-2	5	ug/L	< 0.50 U		< 0.5 U		< 0.50 U		< 1 U		< 5 U		< 1 U	
EPA 8260B	Methyl-tert-butyl-ether	1634-04-4	14 ^c	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Naphthalene	91-20-3	6.1 ^{c,a}	ug/L	< 0.50 U		< 0.5 U		< 0.50 U		< 1 U		< 0.5 U		< 0.5 U	
EPA 8260B	n-Butylbenzene	104-51-8	1000 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	n-Propylbenzene	103-65-1	660 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	p-Isopropyltoluene	99-87-6	None	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	sec-Butylbenzene	135-98-8	2000 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Styrene	100-42-5	100	ug/L	< 0.10 U		< 0.1 U		< 0.10 U	UJ	< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	tert-Butylbenzene	98-06-6	690 ⁿ	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Tetrachloroethene	127-18-4	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Toluene	108-88-3	1000	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	trans-1,2-Dichloroethene	156-60-5	100	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	trans-1,3-Dichloropropene	10061-02-6	0.47	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Trichloroethene	79-01-6	5	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Vinyl Chloride	75-01-4	2	ug/L	< 0.10 U		< 0.1 U		< 0.10 U		< 0.2 U		< 0.5 U		< 0.5 U	
EPA 8260B	Xylenes, Total	1330-20-7	10000	ug/L	< 0.20 U		< 0.2 U		< 0.20 U		< 0.4 U		< 1.5 U		< 1.5 U	
EPA 8270D	2,2'-oxybis(1-Chloropropane)	108-60-1	710 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2,4,6-Trichlorophenol	88-06-2	4.1 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2,4-Dichlorophenol	120-83-2	46 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2,4-Dimethylphenol	105-67-9	360 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2,4-Dinitrophenol	51-28-5	39 ⁿ	ug/L	< 2.6 U		< 2.8 U		< 2.5 U		< 2.6 U		< 2.6 U		< 2.6 U	
EPA 8270D	2,4-Dinitrotoluene	121-14-2	24 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		1.5	
EPA 8270D	2,6-Dinitrotoluene	606-20-2	4.9 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	

Table 1
East Area Groundwater Data Summary (EA-223B)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

					Well ID	EA-223B		EA-223B		EA-223B		EA-223B		EA-223B		
					Sample ID	EA-223B-19122016		EA-223B-16022017		EA-223B-25052017		EA-223B-17082017		EA-223B-17112017		
					Date	12/19/2016		2/16/2017		5/25/2017		8/17/2017		11/17/2017		
					Sample Type	N		N		N		N		N		
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8270D	2-Chloronaphthalene	91-58-7	750 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2-Chlorophenol	95-57-8	91 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2-Methylnaphthalene	91-57-6	36 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2-Methylphenol	95-48-7	930 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2-Nitroaniline	88-74-4	190 ⁿ	ug/L	< 2.6 U		< 2.8 U		< 2.5 U		< 2.6 U		< 2.6 U		< 2.6 U	
EPA 8270D	2-Nitrophenol	88-75-5	None	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	3 & 4-Methylphenol	MEPH3MEPH4	930 ⁿ	ug/L	< 2.1 U		< 2.2 U		< 2.0 U		< 2.1 U		< 2.1 U		< 2.1 U	
EPA 8270D	3,3-Dichlorobenzidine	91-94-1	13 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	3-Nitroaniline	99-09-2	None	ug/L	< 2.6 U		< 2.8 U		< 2.5 U		< 2.6 U		< 2.6 U		< 2.6 U	
EPA 8270D	4,6-Dinitro-2-methylphenol	534-52-1	1.5 ^{n,a}	ug/L	< 2.6 U		< 2.8 U		< 2.5 U		< 2.6 U		< 2.6 U		< 2.6 U	
EPA 8270D	4-Bromophenyl Phenyl Ether	101-55-3	None	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	4-Chloro-3-methylphenol	59-50-7	1400 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	4-Chloroaniline	106-47-8	37 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	4-Chlorophenyl Phenyl Ether	7005-72-3	None	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	4-Nitroaniline	100-01-6	3.8 ^c	ug/L	< 2.6 U		< 2.8 U		< 2.5 U		< 2.6 U		< 2.6 U		< 2.6 U	
EPA 8270D	4-Nitrophenol	100-02-7	None	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Acenaphthene	83-32-9	530 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Acenaphthylene	208-96-8	None	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Aniline	62-53-3	13 ^c	ug/L	< 2.6 U		< 2.8 U		< 2.5 U		< 2.6 U		< 2.6 U		< 2.6 U	
EPA 8270D	Anthracene	120-12-7	1800 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Benzo(a)anthracene	56-55-3	1.2 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Benzo(a)pyrene	50-32-8	0.2	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Benzoic Acid	65-85-0	75000 ⁿ	ug/L	< 26.3 U		< 27.6 U		< 25.1 U		< 25.8 U		< 26.2 U		< 26 U	
EPA 8270D	bis(2-Chloroethyl)ether	111-44-4	0.014 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	bis(2-Ethylhexyl)phthalate	117-81-7	6	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Butylbenzylphthalate	85-68-7	16 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Chrysene	218-01-9	3.4 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Dibenzo(a,h)anthracene	53-70-3	0.34 ^{c,a}	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Dibenzofuran	132-64-9	7.9 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Diethylphthalate	84-66-2	15000 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Dimethylphthalate	131-11-3	None	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Di-n-butylphthalate	84-74-2	900 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Di-n-octylphthalate	117-84-0	200 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Fluoranthene	206-44-0	800 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Fluorene	86-73-7	290 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Hexachlorobenzene	118-74-1	1	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	

Table 1
East Area Groundwater Data Summary (EA-223B)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	EA-223B		EA-223B		EA-223B		EA-223B		EA-223B		EA-223B	
					EA-223B-19122016		EA-223B-16022017		EA-223B-25052017		EA-223B-17082017		EA-223B-17112017		EA-223B-23022018	
					12/19/2016		2/16/2017		5/25/2017		8/17/2017		11/17/2017		2/23/2018	
					N		N		N		N		N		N	
Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	
EPA 8270D	Hexachlorocyclopentadiene	77-47-4	50	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Hexachloroethane	67-72-1	6.2 ^{c, a}	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Indeno(1,2,3-cd)pyrene	193-39-5	3.4 ^{c, a}	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Isophorone	78-59-1	78 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Nitrobenzene	98-95-3	13 ^{c, a}	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	N-Nitrosodi-n-propylamine	621-64-7	1.1 ^{c, a}	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	N-Nitrosodiphenylamine	86-30-6	12 ^c	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Pentachlorophenol	87-86-5	1	ug/L	< 2.6 U		< 2.8 U		< 2.5 U		< 2.6 U		< 2.6 U		< 2.6 U	
EPA 8270D	Phenanthrene	85-01-8	None	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Phenol	108-95-2	5800 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Pyrene	129-00-0	120 ⁿ	ug/L	< 1.1 U		< 1.1 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
SW846 8290	1,2,3,4,6,7,8-HpCDD	35822-46-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,6,7,8-HpCDF	67562-39-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8,9-HpCDF	55673-89-7	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8-HxCDD	39227-28-6	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8-HxCDF	70648-26-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,6,7,8-HxCDD	57653-85-7	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,6,7,8-HxCDF	57117-44-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8,9-HxCDD	19408-74-3	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8,9-HxCDF	72918-21-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8-PeCDD	40321-76-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8-PeCDF	57117-41-6	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,4,6,7,8-HxCDF	60851-34-5	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,4,7,8-PeCDF	57117-31-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,7,8-TCDF	51207-31-9	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	2,3,7,8-Tetrachlorodibenzo-p-Dioxin	1746-01-6	30	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	OCDD	3268-87-9	None	pg/L	< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U	
SW846 8290	OCDF	39001-02-0	None	pg/L	< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U	
SW846 8290	Total HpCDD	37871-00-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HpCDF	38998-75-3	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HxCDD	34465-46-8	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HxCDF	55684-94-1	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total PeCDD	36088-22-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total PeCDF	30402-15-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total TCDD	41903-57-5	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	Total TCDF	55722-27-5	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	

Table 1
East Area Groundwater Data Summary (EA-223B)
December 2016 - November 2021
Syntex Facility Superfund Site - Verona, MO

				Well ID	EA-223B	EA-223B	EA-223B	EA-223B	EA-223B	EA-223B	EA-223B	EA-223B	EA-223B	EA-223B	EA-223B	EA-223B	EA-223B	EA-223B	EA-223B	EA-223B	EA-223B	EA-223B	EA-223B	
				Sample ID	EA-223B-11122019	EA-223B-26022020	EA-223B-16062020	EA-223B-17062020	EA-223B-27082020	EA-223B-19112020	EA-223B-22032021	EA-223B-26052021	EA-223B-19082021	EA-223B-03112021										
				Date	12/11/2019	2/26/2020	6/16/2020	6/17/2020	8/27/2020	11/19/2020	3/22/2021	5/26/2021	8/19/2021	11/3/2021										
				Sample Type	N	N	N	N	N	N	N	N	N	N										
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	1860		2260				2650		2250		2380		2460		2480		2200		2220	
EPA 8260B	Chlorobenzene	108-90-7	100	ug/L	< 0.5 U		< 0.5 U		< 0.5 U				< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	

- Notes:
- * Project Quantitation Limit Goals are analytical goals listed solely for the purpose of evaluating laboratory analytical methods and achievable laboratory limits; these are not project-specific screening levels and are not approved by USEPA or MDNR as the appropriate risk assessment values for this project. The risk assessment values will be developed in subsequent phases of the project.
 - + MCL or RSL not established
 - c USEPA Tapwater Regional Screening Level (cancer)
 - n USEPA Tapwater Regional Screening Level (noncancer)
 - a Regional Screening Level adjusted to 10⁻⁴
 - No analysis performed.
 - U The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
 - J The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
 - J- The result is an estimated quantity, but the result may be biased low.
 - UJ The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

**Table 2
Analytes Detected at the Site
Syntex Facility Superfund Site - Verona, MO**

Chemical			1,2,4- Trichlorobenzene		1,2,4- Trimethylbenzene		1,2- Dichlorobenzene		1,3,5- Trimethylbenzene		1,3- Dichlorobenzene		1,4- Dichlorobenzene		1,4- Dioxane		2,4- Dinitrotoluene		2-Butanone		2-Chlorophenol		2-Hexanone		Acetone				
CAS #			120-82-1		95-63-6		95-50-1		108-67-8		541-73-1		106-46-7		123-91-1		121-14-2		78-93-3		95-57-8		591-78-6		67-64-1				
Project Quantitation Limit Goal*			70		15 ⁿ		600		120 ⁿ		None		75		0.46 ^c		24 ^{c,a}		5600 ⁿ		91 ⁿ		38 ⁿ		14000 ⁿ				
Units			ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L				
Well	Date	Sample ID	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual			
IS-6	5/15/2017	IS-6-15052017																								6.5	U		
	8/14/2017	IS-6-14082017																									8.1	U	
MW-02	5/15/2017	MW-2-15052017																									6.6	U	
MW-03	12/14/2016	MW-3-14122016													0.93														
	2/14/2017	MW-3-14022017													0.75														
	5/16/2017	MW-3-16052017													1.6											12.7	U		
	8/15/2017	MW-3-15082017													1.3														
	11/15/2017	MW-3-15112017													1.7														
	2/20/2018	MW-3-20022018													1.5														
	12/9/2019	MW-3-09122019													1.0														
	2/24/2020	MW-3-24022020													1.0														
	6/15/2020	MW-3-15062020													5.9														
	8/25/2020	MW-3-25082020													2.1														
	11/17/2020	MW-3-17112020													1.4														
	3/9/2021	MW-3-09032021													1.2														
	6/4/2021	MW-3-04062021													11.4														
	8/17/2021	MW-3-17082021													2.1														
11/4/2021	MW-3-04112021													2.3															
MW-04	12/14/2016	MW-4-14122016													0.54														
	2/14/2017	MW-4-14022017													0.97														
	5/16/2017	MW-4-16052017											0.13		374	J										13.4	U		
	8/17/2017	MW-4-17082017													8.7														
	11/16/2017	MW-4-16112017													0.25														
	2/20/2018	MW-4-20022018													3.9														
	12/9/2019	MW-4-09122019													12.6														
	2/25/2020	MW-4-25022020													22.7														
	6/15/2020	MW-4-15062020													26.3														
	8/26/2020	MW-4-26082020													0.46														
	11/18/2020	MW-4-18112020													0.27														
	3/10/2021	MW-4-10032021													4.7														
	6/4/2021	MW-4-04062021													183														
	8/19/2021	MW-4-19082021													0.73														
11/2/2021	MW-4-02112021													240															
MW-05	12/20/2016	MW-5-20122016													409														
	2/17/2017	MW-5-17022017													260														
	5/18/2017	MW-5-18052017											0.14		268	J-										5.5	U		
	8/16/2017	MW-5-16082017											0.13		136	J										7.1	U		
	11/17/2017	MW-5-17112017													297														
	2/22/2018	MW-5-22022018													255														
	12/11/2019	MW-5-11122019													96.0														
	2/25/2020	MW-5-25022020													103														
	6/16/2020	MW-5-16062020													73.6														
	8/26/2020	MW-5-26082020													76.0														
	11/18/2020	MW-5-18112020													123														
	3/22/2021	MW-5-22032021													69.6														
	5/26/2021	MW-5-26052021													85.4														
8/18/2021	MW-5-18082021													69.1															
11/3/2021	MW-5-03112021													44.9															

Table 2
Analytes Detected at the Site
Syntex Facility Superfund Site - Verona, MO

Well	Date	Sample ID	1,2,4-Trichlorobenzene		1,2,4-Trimethylbenzene		1,2-Dichlorobenzene		1,3,5-Trimethylbenzene		1,3-Dichlorobenzene		1,4-Dichlorobenzene		1,4-Dioxane		2,4-Dinitrotoluene		2-Butanone		2-Chlorophenol		2-Hexanone		Acetone			
			CAS #	120-82-1	95-63-6	95-50-1	108-67-8	541-73-1	106-46-7	123-91-1	121-14-2	78-93-3	95-57-8	591-78-6	67-64-1	Project Quantitation Limit Goal*	70	15 ⁿ	600	120 ⁿ	None	75	0.46 ^c	24 ^{c,a}	5600 ⁿ	91 ⁿ	38 ⁿ	14000 ⁿ
			Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-06	12/22/2016	MW-6-22122016										2		5.1		632	J											
	12/22/2016	DUP-02-22122016										2		5		635												
	2/16/2017	MW-6-16022017			0.71		0.35		0.12			2.2		6.7		710	J				3.3							
	2/16/2017	MW-DUP02-16022017			0.69		0.33		0.11			2.2		6.6		648					3.4							
	5/18/2017	MW-6-18052017			1.0		0.30		0.18			1.1		6.4		556	J									13.6	U	
	5/18/2017	MW-DUP02-18052017			1.0		0.28		0.17			1.1		6.1		643										24.5	U	
	8/17/2017	MW-6-17082017			0.72							0.87		5.6		338	J-					1.3						
	8/17/2017	MW-DUP02-17082017			0.73							0.92		5.8		315	J-					1.3						
	11/17/2017	MW-6-17112017			0.56							1.0		6.9		337	J											
	11/17/2017	MW-DUP02-17112017										0.98		6.9		353						1.1						
	2/23/2018	MW-6-23022018			0.88							1.6		10.9		524						1.2						
	2/23/2018	MW-DUP-02-23022018			0.78							1.6		10.3		495						1.1						
	12/11/2019	MW-6-11122019														181												
	12/11/2019	MW-DUP02-11122019														180												
	2/26/2020	MW-6-26022020														155												
	2/26/2020	MW-DUP02-26022020														131												
	6/16/2020	MW-6-16062020														122												
	6/16/2020	MW-DUP02-16062020														121												
	6/16/2020	MW-DUP-02-16062020																										
	8/26/2020	MW-6-26082020														147												
	8/26/2020	MW-DUP02-26082020														149												
	11/19/2020	MW-6-19112020														201												
11/19/2020	MW-DUP02-19112020														173													
3/22/2021	MW-6-22032021														135		J											
3/22/2021	MW-DUP02-22032021														127													
5/26/2021	MW-6-26052021														117													
5/26/2021	MW-DUP02-26052021														132													
8/19/2021	MW-6-19082021														112		J											
8/19/2021	MW-DUP02-19082021														104													
11/3/2021	MW-6-03112021										1.7		10.5		105		J											
11/3/2021	MW-DUP02-03112021										1.6		10.1		104													
MW-07	12/14/2016	MW-7-14122016												0.63		7.3												
	2/15/2017	MW-7-15022017												0.48		6.7												
	5/17/2017	MW-7-17052017										0.15		1.2		27.7									9.4	U		
	8/15/2017	MW-7-15082017													8.3													
	11/16/2017	MW-7-16112017												0.52		8.4												
	2/21/2018	MW-7-21022018												0.51		3.8		J-										
	12/9/2019	MW-7-09122019													7.9													
	12/12/2019	MW-7-12122019																										
	2/25/2020	MW-7-25022020													7.6													
	6/15/2020	MW-7-15062020													24.6													
	8/26/2020	MW-7-26082020													9.3													
	11/18/2020	MW-7-18112020													8.3													
	3/10/2021	MW-7-10032021													6.7													
	5/25/2021	MW-7-25052021													16.0													
6/4/2021	MW-7-04062021													27.9														
8/18/2021	MW-7-18082021													9.5														
11/2/2021	MW-7-02112021												0.85		6.9													

**Table 2
Analytes Detected at the Site
Syntex Facility Superfund Site - Verona, MO**

Chemical			1,2,4-Trichlorobenzene		1,2,4-Trimethylbenzene		1,2-Dichlorobenzene		1,3,5-Trimethylbenzene		1,3-Dichlorobenzene		1,4-Dichlorobenzene		1,4-Dioxane		2,4-Dinitrotoluene		2-Butanone		2-Chlorophenol		2-Hexanone		Acetone	
CAS #			120-82-1		95-63-6		95-50-1		108-67-8		541-73-1		106-46-7		123-91-1		121-14-2		78-93-3		95-57-8		591-78-6		67-64-1	
Project Quantitation Limit Goal*			70		15 ⁿ		600		120 ⁿ		None		75		0.46 ^c		24 ^{c,a}		5600 ⁿ		91 ⁿ		38 ⁿ		14000 ⁿ	
Units			ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Well	Date	Sample ID	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
MW-09	12/14/2016	MW-9-14122016					0.13				0.85		4.0		211											
	2/17/2017	MW-9-17022017									0.95		4.3		315											
	5/18/2017	MW-9-18052017					0.11				0.81		3.8		275									11.5	U	
	8/17/2017	MW-9-17082017									0.46		2.6		142	J-										
	11/17/2017	MW-9-17112017											2.1		61.3											
	2/22/2018	MW-9-22022018											1.6		133											
	12/11/2019	MW-9-11121019													33.0											
	2/25/2020	MW-9-25022020													27.1											
	6/15/2020	MW-9-15062020													20.9											
	8/26/2020	MW-9-26082020													27.4											
	11/18/2020	MW-9-18112020													96.9											
	3/22/2021	MW-9-22032021													57.8											
5/26/2021	MW-9-26052021													34.8												
8/18/2021	MW-9-18082021													25.1												
11/3/2021	MW-9-03112021												0.94	30.9												
MW-14	12/20/2016	MW-14-20122016													102											
	5/16/2017	MW-14-16052017																						18.6	U	
	8/14/2017	MW-14-14082017																								
MW-15	12/20/2016	MW-15-20122016													55.6											
	2/16/2017	MW-15-16022017													39.9											
	5/17/2017	MW-15-17052017													38.4									3.6	U	
	8/16/2017	MW-15-16082017													35.0											
	11/16/2017	MW-15-16112017													38.2											
	2/22/2018	MW-15-22022018													40.9											
	12/10/2019	MW-15-10122019													31.9											
	2/25/2020	MW-15-25022020													28.1											
	6/16/2020	MW-15-16062020													32.3											
	8/25/2020	MW-15-2582020													31.9											
	11/18/2020	MW-15-18112020													28.0											
	3/10/2021	MW-15-10032021													30.7											
5/25/2021	MW-15-25052021													31.6												
8/18/2021	MW-15-18082021													29.9												
11/3/2021	MW-15-03112021													29.0												
MW-15A	12/15/2016	MW-15A-15122016											0.032	6.8			0.12				0.099		0.62			
	2/16/2017	MW-15A-16022017												7.1												
	5/17/2017	MW-15A-17052017												9.5	J-									18.5	U	
	8/15/2017	MW-15A-15082017												7.1												
	11/16/2017	MW-15A-16112017												10.2												
	2/21/2018	MW-15A-21022018												5.3												
	12/9/2019	MW-15A-09122019												8.5												
	2/24/2020	MW-15A-24022020												9.8												
	6/15/2020	MW-15A-15062020												10												
	8/25/2020	MW-15A-25082020												9.9												
	11/17/2020	MW-15A-17112020												6.2												
	3/10/2021	MW-15A-10032021												9.5												
5/25/2021	MW-15A-25052021												9.3													
8/18/2021	MW-15A-18082021												9.6													
11/4/2021	MW-15A-04112021												6.3													

Table 2
Analytes Detected at the Site
Syntex Facility Superfund Site - Verona, MO

Chemical			1,2,4-Trichlorobenzene		1,2,4-Trimethylbenzene		1,2-Dichlorobenzene		1,3,5-Trimethylbenzene		1,3-Dichlorobenzene		1,4-Dichlorobenzene		1,4-Dioxane		2,4-Dinitrotoluene		2-Butanone		2-Chlorophenol		2-Hexanone		Acetone	
CAS #			120-82-1		95-63-6		95-50-1		108-67-8		541-73-1		106-46-7		123-91-1		121-14-2		78-93-3		95-57-8		591-78-6		67-64-1	
Project Quantitation Limit Goal*			70		15 ⁿ		600		120 ⁿ		None		75		0.46 ^c		24 ^{c,a}		5600 ⁿ		91 ⁿ		38 ⁿ		14000 ⁿ	
Units			ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Well	Date	Sample ID	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
MW-15B	12/15/2016	MW-15B-15122016	0.054		0.12		0.13				0.65		3.8		244								0.093		1.3	
	2/17/2017	MW-15B-17022017									0.58		3.5		242											
	5/18/2017	MW-15B-18052017									0.35		2.6		239										7.4	U
	8/16/2017	MW-15B-16082017									0.30		3.0		9.5	J										
	11/16/2017	MW-15B-16112017									0.51		3.3		150											
	2/22/2018	MW-15B-22022018											2.8		149											
	12/11/2019	MW-15B-11122019													137											
	2/25/2020	MW-15B-25022020													81.5											
	6/16/2020	MW-15B-16062020													186											
	8/27/2020	MW-15B-27082020													182											
	11/19/2020	MW-15B-19112020													172											
	3/22/2021	MW-15B-22032021													121											
	5/26/2021	MW-15B-26052021													133											
8/18/2021	MW-15B-18082021													160												
11/4/2021	MW-15B-04112021									0.65		4.6		143												
MW-16	12/20/2016	MW-16-20122016													0.53	J										
	2/14/2017	MW-16-14022017													0.51											
	2/14/2017	MW-DUP01-14022017													0.48											
	5/16/2017	MW-16-16052017													0.82	J									25.9	U
	5/16/2017	MW-DUP01-16052017													0.76										24.6	U
	8/14/2017	MW-16-14082017													0.46	J										
	8/14/2017	MW-DUP01-14082017													0.48											
	11/15/2017	MW-16-15112017													0.52	J										
	11/15/2017	MW-DUP01-15112017													0.47											
	2/20/2018	MW-16-20022018													0.26	J, J										
	2/20/2018	MW-DUP01-20022018													0.37	J										
	12/6/2019	MW-16-06122019													0.36											
	12/6/2019	MW-DUP01-06122019													0.33											
	2/24/2020	MW-16-24022020													0.34											
	2/24/2020	MW-DUP01-24022020													0.32											
	6/11/2020	MW-16-11062020													0.36											
	6/11/2020	MW-DUP01-11062020													0.35											
	8/24/2020	MW-16-24082020													0.20	J										
8/24/2020	MW-DUP01-24082020													0.34												
11/17/2020	MW-16-17112020													0.22												
11/17/2020	MW-DUP01-17112020													0.23												
3/9/2021	MW-16-09032020													0.28												
3/9/2021	MW-DUP01-09032021													0.28												
5/25/2021	MW-16-25052021													0.20												
MW-16B	12/22/2016	MW-16B-22122016													1.8											
	2/15/2017	MW-16B-15022017													2.0											
	5/17/2017	MW-16B-17052017													1.0	J-									3.7	U
	8/14/2017	MW-16B-14082017													1.7										6.6	U
	11/15/2017	MW-16B-15112017													1.8											
	2/21/2018	MW-16B-21022018													1.3											
	12/6/2019	MW-16B-06122019													0.96											
	2/24/2020	MW-16B-24022020													0.89											
	6/15/2020	MW-16B-15062020													1.5											
	8/25/2020	MW-16B-25082020													1.8											
	11/17/2020	MW-16B-17112020													1.7											
	3/9/2021	MW-16B-09032021													1.2											
6/4/2021	MW-16B-04062021													0.71												
8/17/2021	MW-16B-17082021													1.2												
11/4/2021	MW-16B-04112021													1.2												

Table 2
Analytes Detected at the Site
Syntex Facility Superfund Site - Verona, MO

Chemical			1,2,4- Trichlorobenzene		1,2,4- Trimethylbenzene		1,2- Dichlorobenzene		1,3,5- Trimethylbenzene		1,3- Dichlorobenzene		1,4- Dichlorobenzene		1,4-Dioxane		2,4- Dinitrotoluene		2-Butanone		2-Chlorophenol		2-Hexanone		Acetone	
CAS #			120-82-1		95-63-6		95-50-1		108-67-8		541-73-1		106-46-7		123-91-1		121-14-2		78-93-3		95-57-8		591-78-6		67-64-1	
Project Quantitation Limit Goal*			70		15 ⁿ		600		120 ⁿ		None		75		0.46 ^c		24 ^{c,a}		5600 ⁿ		91 ⁿ		38 ⁿ		14000 ⁿ	
Units			ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Well	Date	Sample ID	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
MW-21R	12/16/2016	MW-21R-16122016															7.8									
	2/15/2017	MW-21R-15022017															6.0									
	5/17/2017	MW-21R-17052017											0.15				19.6								5.5	U
	8/15/2017	MW-21R-15082017															3.9									
	11/15/2017	MW-21R-15112017															3.0									
	2/21/2018	MW-21R-21022018															31.2									
	12/10/2019	MW-21R-10122019															59.1									
	2/25/2020	MW-21R-25022020															49.1									
	6/16/2020	MW-21R-16062020															28.1									
	8/26/2020	MW-21R-26082020															13.2									
	11/18/2020	MW-21R-18112020															53.5									
	3/11/2021	MW-21R-11032021															75.2									
	5/26/2021	MW-21R-26052021															44.7									
8/18/2021	MW-21R-18082021															30.5										
11/4/2021	MW-21R-04112021															64.7										
MW-22	12/16/2016	MW-22-16122016															38.4									
	2/15/2017	MW-22-15022017															35.4									
	5/17/2017	MW-22-17052017															31.2	J-							6.4	U
	8/16/2017	MW-22-16082017															34.6									
	11/16/2017	MW-22-16112017															41.9									
	2/22/2018	MW-22-22022018															58.7									
	12/10/2019	MW-22-10122019															39.0									
	2/25/2020	MW-22-25022020															36.9									
	6/16/2020	MW-22-16062020															33.5									
	8/25/2020	MW-22-25082020															39.0									
	11/18/2020	MW-22-18112020															36.1									
	3/10/2021	MW-22-10032021															41.4									
	5/26/2021	MW-22-26052021															31.8									
8/18/2021	MW-22-18082021															39.0										
11/4/2021	MW-22-04112021															40.4										
EA-221B	12/19/2016	EA-221B-19122016															1310									
	2/16/2017	EA-221B-16022017															76.6									
	5/17/2017	EA-221B-17052017															131	J-							23.0	U
	8/16/2017	EA-221B-16082017															82.9									
	11/17/2017	EA-221B-17112017															73.3									
	2/22/2018	EA-221B-22022018															82.4									
	12/10/2019	EA-221B-10122019															150									
	2/26/2020	EA-221B-26022020															167									
	6/17/2020	EA-221B-17062020															265									
	8/27/2020	EA-221B-27082020															117									
	11/18/2020	EA-221B-18112020															71.2									
	3/11/2021	EA-221B-11032021															135									
	5/26/2021	EA-221B-26052021															197									
8/19/2021	EA-221B-19082021															113										
11/3/2021	EA-221B-03112021															159										

Table 2
Analytes Detected at the Site
Syntex Facility Superfund Site - Verona, MO

Chemical			1,2,4- Trichlorobenzene		1,2,4- Trimethylbenzene		1,2- Dichlorobenzene		1,3,5- Trimethylbenzene		1,3- Dichlorobenzene		1,4- Dichlorobenzene		1,4-Dioxane		2,4- Dinitrotoluene		2-Butanone		2-Chlorophenol		2-Hexanone		Acetone			
CAS #			120-82-1		95-63-6		95-50-1		108-67-8		541-73-1		106-46-7		123-91-1		121-14-2		78-93-3		95-57-8		591-78-6		67-64-1			
Project Quantitation Limit Goal*			70		15 ⁿ		600		120 ⁿ		None		75		0.46 ^c		24 ^{c,a}		5600 ⁿ		91 ⁿ		38 ⁿ		14000 ⁿ			
Units			ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L			
Well	Date	Sample ID	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual		
EA-222B	12/22/2016	EA-222B-22122016													0.13											2.6		
	2/15/2017	EA-222B-15022017													0.15													
	5/16/2017	EA-222B-16052017																								8.6	U	
	5/18/2017	EA-222B-18052017													0.28	J-										2.9	U	
	8/15/2017	EA-222B-15082017													0.070											5.2	U	
	2/19/2018	EA-222B-19022018													1.0	J-												
	12/6/2019	EA-222B-06122019													0.45													
	2/20/2020	EA-222B-20022020													0.88													
	6/15/2020	EA-222B-15062020													1.2													
	8/25/2020	EA-222B-25082020													1.4													
	11/17/2020	EA-222B-17112020													1.9													
	3/9/2021	EA-222B-09032021													2.4													
	6/4/2021	EA-222B-04062021													2.3													
	8/17/2021	EA-222B-17082021													2.6													
11/2/2021	EA-222B-02112021													3.1														
EA-223B	12/19/2016	EA-223B-19122016													1320													
	2/16/2017	EA-223B-16022017													1190													
	5/25/2017	EA-223B-25052017											0.18		1550											4.4		
	8/17/2017	EA-223B-17082017													1300	J-												
	11/17/2017	EA-223B-17112017													729													
	2/23/2018	EA-223B-23022018													1730		1.5											
	12/11/2019	EA-223B-11122019													1860													
	2/26/2020	EA-223B-26022020													2260													
	6/17/2020	EA-223B-17062020													2650													
	8/27/2020	EA-223B-27082020													2250													
	11/19/2020	EA-223B-19112020													2380													
	3/22/2021	EA-223B-22032021													2460													
	5/26/2021	EA-223B-26052021													2480													
	8/19/2021	EA-223B-19082021													2200													
11/3/2021	EA-223B-03112021													2220														

Table 2
Analytes Detected at the Site
Syntex Facility Superfund Site - Verona, MO

Chemical		Benzene	bis(2-Ethylhexyl)phthalate	Bromodichloromethane	Bromomethane	Chlorobenzene	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	Ethylbenzene	Isopropylbenzene	Naphthalene												
CAS #		71-43-2	117-81-7	75-27-4	74-83-9	108-90-7	124-48-1	75-00-3	67-66-3	74-87-3	100-41-4	98-82-8	91-20-3												
Project Quantitation Limit Goal*		5	6	80	7.5 ⁿ	100	80	21000 ⁿ	80	190 ⁿ	700	450 ⁿ	6.1 ^{c, a}												
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L												
Well	Date	Sample ID	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	
IS-6	5/15/2017	IS-6-15052017																							
	8/14/2017	IS-6-14082017																							
MW-02	5/15/2017	MW-2-15052017																							
MW-03	12/14/2016	MW-3-14122016																							
	2/14/2017	MW-3-14022017																							
	5/16/2017	MW-3-16052017																							
	8/15/2017	MW-3-15082017																							
	11/15/2017	MW-3-15112017																							
	2/20/2018	MW-3-20022018																							
	12/9/2019	MW-3-09122019																							
	2/24/2020	MW-3-24022020																							
	6/15/2020	MW-3-15062020																							
	8/25/2020	MW-3-25082020																							
	11/17/2020	MW-3-17112020																							
	3/9/2021	MW-3-09032021																							
	6/4/2021	MW-3-04062021																							
	8/17/2021	MW-3-17082021																							
11/4/2021	MW-3-04112021																								
MW-04	12/14/2016	MW-4-14122016																							
	2/14/2017	MW-4-14022017																							
	5/16/2017	MW-4-16052017	0.20						9.6																
	8/17/2017	MW-4-17082017																							
	11/16/2017	MW-4-16112017																							
	2/20/2018	MW-4-20022018																							
	12/9/2019	MW-4-09122019																							
	2/25/2020	MW-4-25022020																							
	6/15/2020	MW-4-15062020																							
	8/26/2020	MW-4-26082020																							
	11/18/2020	MW-4-18112020																							
	3/10/2021	MW-4-10032021																							
	6/4/2021	MW-4-04062021																							
	8/19/2021	MW-4-19082021																							
11/2/2021	MW-4-02112021																								
MW-05	12/20/2016	MW-5-20122016																							
	2/17/2017	MW-5-17022017																							
	5/18/2017	MW-5-18052017																							
	8/16/2017	MW-5-16082017																							
	11/17/2017	MW-5-17112017																							
	2/22/2018	MW-5-22022018																							
	12/11/2019	MW-5-11122019																							
	2/25/2020	MW-5-25022020																							
	6/16/2020	MW-5-16062020																							
	8/26/2020	MW-5-26082020																							
	11/18/2020	MW-5-18112020																							
	3/22/2021	MW-5-22032021																							
	5/26/2021	MW-5-26052021																							
8/18/2021	MW-5-18082021																								
11/3/2021	MW-5-03112021																								

**Table 2
Analytes Detected at the Site
Syntex Facility Superfund Site - Verona, MO**

Chemical		Benzene	bis(2-Ethylhexyl)phthalate	Bromodichloromethane	Bromomethane	Chlorobenzene	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	Ethylbenzene	Isopropylbenzene	Naphthalene												
CAS #		71-43-2	117-81-7	75-27-4	74-83-9	108-90-7	124-48-1	75-00-3	67-66-3	74-87-3	100-41-4	98-82-8	91-20-3												
Project Quantitation Limit Goal*		5	6	80	7.5 ⁿ	100	80	21000 ⁿ	80	190 ⁿ	700	450 ⁿ	6.1 ^{c, a}												
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L												
Well	Date	Sample ID	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	
MW-06	12/22/2016	MW-6-22122016	1.1																					0.65	
	12/22/2016	DUP-02-22122016	1.2						88	J														0.65	
	2/16/2017	MW-6-16022017	1.6						94.6													0.72		0.77	
	2/16/2017	MW-DUP02-16022017	1.7						93.5													0.73		0.75	
	5/18/2017	MW-6-18052017	2.7						91.4													1.4		0.70	
	5/18/2017	MW-DUP02-18052017	2.7						89.7													1.4		0.68	
	8/17/2017	MW-6-17082017	2.9						119	J-														0.60	
	8/17/2017	MW-DUP02-17082017	2.8						118															0.61	
	11/17/2017	MW-6-17112017	2.8						114															0.65	
	11/17/2017	MW-DUP02-17112017	2.7						113															0.60	
	2/23/2018	MW-6-23022018	3.6						157															1.1	J
	2/23/2018	MW-DUP-02-23022018	3.5						157															1	
	12/11/2019	MW-6-11122019							155																
	12/11/2019	MW-DUP02-11122019							153																
	2/26/2020	MW-6-26022020							110																
	2/26/2020	MW-DUP02-26022020							113																
	6/16/2020	MW-6-16062020							69.4																
	6/16/2020	MW-DUP02-16062020																							
	6/16/2020	MW-DUP-02-16062020							70.7																
	8/26/2020	MW-6-26082020							83.7																
	8/26/2020	MW-DUP02-26082020							83.8																
11/19/2020	MW-6-19112020							133	J, J																
11/19/2020	MW-DUP02-19112020							170	J																
3/22/2021	MW-6-22032021							146																	
3/22/2021	MW-DUP02-22032021							149																	
5/26/2021	MW-6-26052021							130																	
5/26/2021	MW-DUP02-26052021							129																	
8/19/2021	MW-6-19082021							111																	
8/19/2021	MW-DUP02-19082021							121																	
11/3/2021	MW-6-03112021	2.5						130																1.1	
11/3/2021	MW-DUP02-03112021	2.4						125																1.1	
MW-07	12/14/2016	MW-7-14122016						1.1																	
	2/15/2017	MW-7-15022017						0.75																	
	5/17/2017	MW-7-17052017	0.14					8.7														0.14			
	8/15/2017	MW-7-15082017						1.4																	
	11/16/2017	MW-7-16112017																							
	2/21/2018	MW-7-21022018						0.98																	
	12/9/2019	MW-7-09122019																							
	12/12/2019	MW-7-12122019						1.7																	
	2/25/2020	MW-7-25022020						3.2																	
	6/15/2020	MW-7-15062020						21.6																	
	8/26/2020	MW-7-26082020						5.1																	
	11/18/2020	MW-7-18112020						1.8																	
	3/10/2021	MW-7-10032021						1.2																	
	5/25/2021	MW-7-25052021																							
6/4/2021	MW-7-04062021							53.2																	
8/18/2021	MW-7-18082021							7.4																	
11/2/2021	MW-7-02112021							3.8																	

**Table 2
Analytes Detected at the Site
Syntex Facility Superfund Site - Verona, MO**

Chemical			Benzene		bis(2-Ethylhexyl)phthalate		Bromodichloromethane		Bromomethane		Chlorobenzene		Chlorodibromomethane		Chloroethane		Chloroform		Chloromethane		Ethylbenzene		Isopropylbenzene		Naphthalene				
CAS #			71-43-2		117-81-7		75-27-4		74-83-9		108-90-7		124-48-1		75-00-3		67-66-3		74-87-3		100-41-4		98-82-8		91-20-3				
Project Quantitation Limit Goal*			5		6		80		7.5 ⁿ		100		80		21000 ⁿ		80		190 ⁿ		700		450 ⁿ		6.1 ^{c, a}				
Units			ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L				
Well	Date	Sample ID	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual			
MW-09	12/14/2016	MW-9-14122016	0.55										61.0													0.21			
	2/17/2017	MW-9-17022017	0.83																								0.28		
	5/18/2017	MW-9-18052017	0.83																								0.23		
	8/17/2017	MW-9-17082017	0.22																										
	11/17/2017	MW-9-17112017																											
	2/22/2018	MW-9-22022018																											
	12/11/2019	MW-9-11121019																											
	2/25/2020	MW-9-25022020																											
	6/15/2020	MW-9-15062020																											
	8/26/2020	MW-9-26082020																											
	11/18/2020	MW-9-18112020																											
	3/22/2021	MW-9-22032021																											
5/26/2021	MW-9-26052021																												
8/18/2021	MW-9-18082021																												
11/3/2021	MW-9-03112021																												
MW-14	12/20/2016	MW-14-20122016																											
	5/16/2017	MW-14-16052017																		0.99									
	8/14/2017	MW-14-14082017			1.5																								
MW-15	12/20/2016	MW-15-20122016																											
	2/16/2017	MW-15-16022017																											
	5/17/2017	MW-15-17052017																											
	8/16/2017	MW-15-16082017																											
	11/16/2017	MW-15-16112017																											
	2/22/2018	MW-15-22022018																											
	12/10/2019	MW-15-10122019																											
	2/25/2020	MW-15-25022020																											
	6/16/2020	MW-15-16062020																											
	8/25/2020	MW-15-2582020																											
	11/18/2020	MW-15-18112020																											
	3/10/2021	MW-15-10032021																											
	5/25/2021	MW-15-25052021																											
8/18/2021	MW-15-18082021																												
11/3/2021	MW-15-03112021																												
MW-15A	12/15/2016	MW-15A-15122016									0.068																		
	2/16/2017	MW-15A-16022017																											
	5/17/2017	MW-15A-17052017																		0.56									
	8/15/2017	MW-15A-15082017																											
	11/16/2017	MW-15A-16112017																											
	2/21/2018	MW-15A-21022018																											
	12/9/2019	MW-15A-09122019																											
	2/24/2020	MW-15A-24022020																											
	6/15/2020	MW-15A-15062020																											
	8/25/2020	MW-15A-25082020																											
	11/17/2020	MW-15A-17112020																											
	3/10/2021	MW-15A-10032021																											
	5/25/2021	MW-15A-25052021																											
8/18/2021	MW-15A-18082021																												
11/4/2021	MW-15A-04112021																												

**Table 2
Analytes Detected at the Site
Syntex Facility Superfund Site - Verona, MO**

			Chemical	Benzene	bis(2-Ethylhexyl)phthalate	Bromodichloromethane	Bromomethane	Chlorobenzene	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	Ethylbenzene	Isopropylbenzene	Naphthalene												
			CAS #	71-43-2	117-81-7	75-27-4	74-83-9	108-90-7	124-48-1	75-00-3	67-66-3	74-87-3	100-41-4	98-82-8	91-20-3												
			Project Quantitation Limit Goal*	5	6	80	7.5 ⁿ	100	80	21000 ⁿ	80	190 ⁿ	700	450 ⁿ	6.1 ^{c,a}												
			Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L												
Well	Date	Sample ID	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual			
MW-15B	12/15/2016	MW-15B-15122016	0.59								44.3										0.13		0.19		0.062		
	2/17/2017	MW-15B-17022017	0.56								41.4																
	5/18/2017	MW-15B-18052017	0.36								28.1																
	8/16/2017	MW-15B-16082017	0.72								32.1																
	11/16/2017	MW-15B-16112017	0.75								45.5																
	2/22/2018	MW-15B-22022018									35.1																
	12/11/2019	MW-15B-11122019									49.5																
	2/25/2020	MW-15B-25022020									34.3																
	6/16/2020	MW-15B-16062020									45.4																
	8/27/2020	MW-15B-27082020									68.7																
	11/19/2020	MW-15B-19112020									64.9																
	3/22/2021	MW-15B-22032021									36.6																
	5/26/2021	MW-15B-26052021									46.5																
8/18/2021	MW-15B-18082021									62.7																	
11/4/2021	MW-15B-04112021									49.6																	
MW-16	12/20/2016	MW-16-20122016																									
	2/14/2017	MW-16-14022017																									
	2/14/2017	MW-DUP01-14022017																									
	5/16/2017	MW-16-16052017																									
	5/16/2017	MW-DUP01-16052017																					0.92				
	8/14/2017	MW-16-14082017				1.1																					
	8/14/2017	MW-DUP01-14082017																									
	11/15/2017	MW-16-15112017				1.3	J																				
	11/15/2017	MW-DUP01-15112017				1.4																					
	2/20/2018	MW-16-20022018																									
	2/20/2018	MW-DUP01-20022018																									
	12/6/2019	MW-16-06122019																									
	12/6/2019	MW-DUP01-06122019																									
	2/24/2020	MW-16-24022020																									
	2/24/2020	MW-DUP01-24022020																									
	6/11/2020	MW-16-11062020																									
	6/11/2020	MW-DUP01-11062020																									
	8/24/2020	MW-16-24082020																									
	8/24/2020	MW-DUP01-24082020																									
	11/17/2020	MW-16-17112020																									
11/17/2020	MW-DUP01-17112020																										
3/9/2021	MW-16-09032020																										
3/9/2021	MW-DUP01-09032021																										
5/25/2021	MW-16-25052021																										
MW-16B	12/22/2016	MW-16B-22122016																									
	2/15/2017	MW-16B-15022017																									
	5/17/2017	MW-16B-17052017																									
	8/14/2017	MW-16B-14082017																									
	11/15/2017	MW-16B-15112017																									
	2/21/2018	MW-16B-21022018																									
	12/6/2019	MW-16B-06122019																									
	2/24/2020	MW-16B-24022020																									
	6/15/2020	MW-16B-15062020																									
	8/25/2020	MW-16B-25082020																									
	11/17/2020	MW-16B-17112020																									
	3/9/2021	MW-16B-09032021																									
6/4/2021	MW-16B-04062021																										
8/17/2021	MW-16B-17082021																										
11/4/2021	MW-16B-04112021																										

Table 2
Analytes Detected at the Site
Syntex Facility Superfund Site - Verona, MO

Chemical			Benzene		bis(2-Ethylhexyl)phthalate		Bromodichloromethane		Bromomethane		Chlorobenzene		Chlorodibromomethane		Chloroethane		Chloroform		Chloromethane		Ethylbenzene		Isopropylbenzene		Naphthalene			
CAS #			71-43-2		117-81-7		75-27-4		74-83-9		108-90-7		124-48-1		75-00-3		67-66-3		74-87-3		100-41-4		98-82-8		91-20-3			
Project Quantitation Limit Goal*			5		6		80		7.5 ⁿ		100		80		21000 ⁿ		80		190 ⁿ		700		450 ⁿ		6.1 ^{c, a}			
Units			ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L			
Well	Date	Sample ID	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual		
MW-21R	12/16/2016	MW-21R-16122016																										
	2/15/2017	MW-21R-15022017																										
	5/17/2017	MW-21R-17052017									0.68																	
	8/15/2017	MW-21R-15082017																										
	11/15/2017	MW-21R-15112017																										
	2/21/2018	MW-21R-21022018									0.6																	
	12/10/2019	MW-21R-10122019																										
	2/25/2020	MW-21R-25022020																										
	6/16/2020	MW-21R-16062020																										
	8/26/2020	MW-21R-26082020																										
	11/18/2020	MW-21R-18112020																										
	3/11/2021	MW-21R-11032021																										
	5/26/2021	MW-21R-26052021																										
8/18/2021	MW-21R-18082021																											
11/4/2021	MW-21R-04112021																											
MW-22	12/16/2016	MW-22-16122016																										
	2/15/2017	MW-22-15022017																										
	5/17/2017	MW-22-17052017																										
	8/16/2017	MW-22-16082017																										
	11/16/2017	MW-22-16112017																										
	2/22/2018	MW-22-22022018																										
	12/10/2019	MW-22-10122019																										
	2/25/2020	MW-22-25022020																										
	6/16/2020	MW-22-16062020																										
	8/25/2020	MW-22-25082020																										
	11/18/2020	MW-22-18112020																										
	3/10/2021	MW-22-10032021																										
	5/26/2021	MW-22-26052021																										
8/18/2021	MW-22-18082021																											
11/4/2021	MW-22-04112021																											
EA-221B	12/19/2016	EA-221B-19122016																										
	2/16/2017	EA-221B-16022017																										
	5/17/2017	EA-221B-17052017																0.82										
	8/16/2017	EA-221B-16082017																										
	11/17/2017	EA-221B-17112017																										
	2/22/2018	EA-221B-22022018																										
	12/10/2019	EA-221B-10122019																										
	2/26/2020	EA-221B-26022020																										
	6/17/2020	EA-221B-17062020																										
	8/27/2020	EA-221B-27082020																										
	11/18/2020	EA-221B-18112020																										
	3/11/2021	EA-221B-11032021																										
	5/26/2021	EA-221B-26052021																										
8/19/2021	EA-221B-19082021																											
11/3/2021	EA-221B-03112021																											

**Table 2
Analytes Detected at the Site
Syntex Facility Superfund Site - Verona, MO**

Chemical			Benzene		bis(2-Ethylhexyl)phthalate		Bromodichloromethane		Bromomethane		Chlorobenzene		Chlorodibromomethane		Chloroethane		Chloroform		Chloromethane		Ethylbenzene		Isopropylbenzene		Naphthalene		
CAS #			71-43-2		117-81-7		75-27-4		74-83-9		108-90-7		124-48-1		75-00-3		67-66-3		74-87-3		100-41-4		98-82-8		91-20-3		
Project Quantitation Limit Goal*			5		6		80		7.5 ⁿ		100		80		21000 ⁿ		80		190 ⁿ		700		450 ⁿ		6.1 ^{c, a}		
Units			ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		
Well	Date	Sample ID	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	
EA-222B	12/22/2016	EA-222B-22122016			2.6		0.99						0.2				2.8										
	2/15/2017	EA-222B-15022017					0.42						0.10				2.0										
	5/16/2017	EA-222B-16052017													0.13		1.0		0.63								
	5/18/2017	EA-222B-18052017															0.84										
	8/15/2017	EA-222B-15082017			3.6												0.19										
	2/19/2018	EA-222B-19022018																									
	12/6/2019	EA-222B-06122019																									
	2/20/2020	EA-222B-20022020																									
	6/15/2020	EA-222B-15062020																									
	8/25/2020	EA-222B-25082020																									
	11/17/2020	EA-222B-17112020																									
	3/9/2021	EA-222B-09032021																									
	6/4/2021	EA-222B-04062021																									
8/17/2021	EA-222B-17082021																										
11/2/2021	EA-222B-02112021																										
EA-223B	12/19/2016	EA-223B-19122016											0.20														
	2/16/2017	EA-223B-16022017											0.23														
	5/25/2017	EA-223B-25052017											0.28														
	8/17/2017	EA-223B-17082017											0.32														
	11/17/2017	EA-223B-17112017											0.54														
	2/23/2018	EA-223B-23022018											1.3														
	12/11/2019	EA-223B-11122019																									
	2/26/2020	EA-223B-26022020																									
	6/17/2020	EA-223B-17062020																									
	8/27/2020	EA-223B-27082020																									
	11/19/2020	EA-223B-19112020																									
	3/22/2021	EA-223B-22032021																									
	5/26/2021	EA-223B-26052021																									
8/19/2021	EA-223B-19082021																										
11/3/2021	EA-223B-03112021																										

Table 2
Analytes Detected at the Site
Syntex Facility Superfund Site - Verona, MO

Chemical			n-Butylbenzene		n-Propylbenzene		Phenol		p-Isopropyltoluene		sec-Butylbenzene		Toluene		Total PeCDF		Total TCDD		Total TCDF		Xylenes, Total	
CAS #			104-51-8		103-65-1		108-95-2		99-87-6		135-98-8		108-88-3		30402-15-4		41903-57-5		55722-27-5		1330-20-7	
Project Quantitation Limit Goal*			1000 ⁿ		660 ⁿ		5800 ⁿ		None		2000 ⁿ		1000		None		None		None		10000	
Units			ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		pg/L		pg/L		pg/L		ug/L	
Well	Date	Sample ID	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
IS-6	5/15/2017	IS-6-15052017																				
	8/14/2017	IS-6-14082017																				
MW-02	5/15/2017	MW-2-15052017																				
	12/14/2016	MW-3-14122016																				
MW-03	2/14/2017	MW-3-14022017																				
	5/16/2017	MW-3-16052017																				
	8/15/2017	MW-3-15082017																				
	11/15/2017	MW-3-15112017																				
	2/20/2018	MW-3-20022018																				
	12/9/2019	MW-3-09122019																				
	2/24/2020	MW-3-24022020																				
	6/15/2020	MW-3-15062020																				
	8/25/2020	MW-3-25082020																				
	11/17/2020	MW-3-17112020																				
	3/9/2021	MW-3-09032021																				
	6/4/2021	MW-3-04062021																				
	8/17/2021	MW-3-17082021																				
	11/4/2021	MW-3-04112021																				
MW-04	12/14/2016	MW-4-14122016																				
	2/14/2017	MW-4-14022017																				
	5/16/2017	MW-4-16052017																				
	8/17/2017	MW-4-17082017																				
	11/16/2017	MW-4-16112017																				
	2/20/2018	MW-4-20022018																				
	12/9/2019	MW-4-09122019																				
	2/25/2020	MW-4-25022020																				
	6/15/2020	MW-4-15062020																				
	8/26/2020	MW-4-26082020																				
	11/18/2020	MW-4-18112020																				
	3/10/2021	MW-4-10032021																				
	6/4/2021	MW-4-04062021																				
	8/19/2021	MW-4-19082021																				
11/2/2021	MW-4-02112021																					
MW-05	12/20/2016	MW-5-20122016																				
	2/17/2017	MW-5-17022017																				
	5/18/2017	MW-5-18052017																				
	8/16/2017	MW-5-16082017																				
	11/17/2017	MW-5-17112017																				
	2/22/2018	MW-5-22022018																				
	12/11/2019	MW-5-11122019																				
	2/25/2020	MW-5-25022020																				
	6/16/2020	MW-5-16062020																				
	8/26/2020	MW-5-26082020																				
	11/18/2020	MW-5-18112020																				
	3/22/2021	MW-5-22032021																				
	5/26/2021	MW-5-26052021																				
	8/18/2021	MW-5-18082021																				
11/3/2021	MW-5-03112021																					

**Table 2
Analytes Detected at the Site
Syntex Facility Superfund Site - Verona, MO**

Chemical			n-Butylbenzene		n-Propylbenzene		Phenol		p-Isopropyltoluene		sec-Butylbenzene		Toluene		Total PeCDF		Total TCDD		Total TCDF		Xylenes, Total		
CAS #			104-51-8		103-65-1		108-95-2		99-87-6		135-98-8		108-88-3		30402-15-4		41903-57-5		55722-27-5		1330-20-7		
Project Quantitation Limit Goal*			1000 ⁿ		660 ⁿ		5800 ⁿ		None		2000 ⁿ		1000		None		None		None		10000		
Units			ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		pg/L		pg/L		pg/L		ug/L		
Well	Date	Sample ID	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	
MW-06	12/22/2016	MW-6-22122016	0.44				1.4				0.41										7.7		
	12/22/2016	DUP-02-22122016	0.46								0.41											7.9	
	2/16/2017	MW-6-16022017	0.50		0.30				0.41		0.51		0.47									18.1	
	2/16/2017	MW-DUP02-16022017	0.50		0.29				0.38		0.50		0.47									17.9	
	5/18/2017	MW-6-18052017	0.69		0.30		1.2		0.10		0.47		0.38									30.6	
	5/18/2017	MW-DUP02-18052017	0.72		0.29		1.3				0.47		0.39					40				29.6	
	8/17/2017	MW-6-17082017	0.67				2															9.6	
	8/17/2017	MW-DUP02-17082017	0.59				1.8															9.5	
	11/17/2017	MW-6-17112017	0.61															12				6.2	
	11/17/2017	MW-DUP02-17112017	0.57				1.3											18				5.2	
	2/23/2018	MW-6-23022018	1.0				1.5				0.53		0.86		92		27		75			12.1	
	2/23/2018	MW-DUP-02-23022018	0.99				1.3				0.51		0.89		92		20		65			11.6	
	12/11/2019	MW-6-11122019																					
	12/11/2019	MW-DUP02-11122019																					
	2/26/2020	MW-6-26022020																					
	2/26/2020	MW-DUP02-26022020																					
	6/16/2020	MW-6-16062020																					
	6/16/2020	MW-DUP02-16062020																					
	6/16/2020	MW-DUP-02-16062020																					
	8/26/2020	MW-6-26082020																					
8/26/2020	MW-DUP02-26082020																						
11/19/2020	MW-6-19112020																						
11/19/2020	MW-DUP02-19112020																						
3/22/2021	MW-6-22032021																						
3/22/2021	MW-DUP02-22032021																						
5/26/2021	MW-6-26052021																						
5/26/2021	MW-DUP02-26052021																						
8/19/2021	MW-6-19082021																						
8/19/2021	MW-DUP02-19082021																						
11/3/2021	MW-6-03112021	0.53								0.52													
11/3/2021	MW-DUP02-03112021																						
MW-07	12/14/2016	MW-7-14122016																					
	2/15/2017	MW-7-15022017																					
	5/17/2017	MW-7-17052017											0.15									1.5	
	8/15/2017	MW-7-15082017																					
	11/16/2017	MW-7-16112017																					
	2/21/2018	MW-7-21022018																					
	12/9/2019	MW-7-09122019																					
	12/12/2019	MW-7-12122019																					
	2/25/2020	MW-7-25022020																					
	6/15/2020	MW-7-15062020																					
	8/26/2020	MW-7-26082020																					
	11/18/2020	MW-7-18112020																					
	3/10/2021	MW-7-10032021																					
	5/25/2021	MW-7-25052021																					
6/4/2021	MW-7-04062021																						
8/18/2021	MW-7-18082021																						
11/2/2021	MW-7-02112021																						

Table 2
Analytes Detected at the Site
Syntex Facility Superfund Site - Verona, MO

Chemical			n-Butylbenzene		n-Propylbenzene		Phenol		p-Isopropyltoluene		sec-Butylbenzene		Toluene		Total PeCDF		Total TCDD		Total TCDF		Xylenes, Total			
CAS #			104-51-8		103-65-1		108-95-2		99-87-6		135-98-8		108-88-3		30402-15-4		41903-57-5		55722-27-5		1330-20-7			
Project Quantitation Limit Goal*			1000 ⁿ		660 ⁿ		5800 ⁿ		None		2000 ⁿ		1000		None		None		None		10000			
Units			ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		pg/L		pg/L		pg/L		ug/L			
Well	Date	Sample ID	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual		
MW-09	12/14/2016	MW-9-14122016										0.12										1.3		
	2/17/2017	MW-9-17022017																					1.8	
	5/18/2017	MW-9-18052017										0.14											2.3	
	8/17/2017	MW-9-17082017																					0.69	
	11/17/2017	MW-9-17112017																						
	2/22/2018	MW-9-22022018																						
	12/11/2019	MW-9-11121019																						
	2/25/2020	MW-9-25022020																						
	6/15/2020	MW-9-15062020																						
	8/26/2020	MW-9-26082020																						
	11/18/2020	MW-9-18112020																						
	3/22/2021	MW-9-22032021																						
	5/26/2021	MW-9-26052021																						
8/18/2021	MW-9-18082021																							
11/3/2021	MW-9-03112021																							
MW-14	12/20/2016	MW-14-20122016																						
	5/16/2017	MW-14-16052017																						
	8/14/2017	MW-14-14082017																						
MW-15	12/20/2016	MW-15-20122016																						
	2/16/2017	MW-15-16022017																						
	5/17/2017	MW-15-17052017																						
	8/16/2017	MW-15-16082017																						
	11/16/2017	MW-15-16112017											0.15											
	2/22/2018	MW-15-22022018																						
	12/10/2019	MW-15-10122019																						
	2/25/2020	MW-15-25022020																						
	6/16/2020	MW-15-16062020																						
	8/25/2020	MW-15-25082020																						
	11/18/2020	MW-15-18112020																						
	3/10/2021	MW-15-10032021																						
	5/25/2021	MW-15-25052021																						
8/18/2021	MW-15-18082021																							
11/3/2021	MW-15-03112021																							
MW-15A	12/15/2016	MW-15A-15122016																						
	2/16/2017	MW-15A-16022017																						
	5/17/2017	MW-15A-17052017																						
	8/15/2017	MW-15A-15082017																						
	11/16/2017	MW-15A-16112017																						
	2/21/2018	MW-15A-21022018																						
	12/9/2019	MW-15A-09122019																						
	2/24/2020	MW-15A-24022020																						
	6/15/2020	MW-15A-15062020																						
	8/25/2020	MW-15A-25082020																						
	11/17/2020	MW-15A-17112020																						
	3/10/2021	MW-15A-10032021																						
	5/25/2021	MW-15A-25052021																						
8/18/2021	MW-15A-18082021																							
11/4/2021	MW-15A-04112021																							

Table 2
Analytes Detected at the Site
Syntex Facility Superfund Site - Verona, MO

Chemical			n-Butylbenzene		n-Propylbenzene		Phenol		p-Isopropyltoluene		sec-Butylbenzene		Toluene		Total PeCDF		Total TCDD		Total TCDF		Xylenes, Total	
CAS #			104-51-8		103-65-1		108-95-2		99-87-6		135-98-8		108-88-3		30402-15-4		41903-57-5		55722-27-5		1330-20-7	
Project Quantitation Limit Goal*			1000 ⁿ		660 ⁿ		5800 ⁿ		None		2000 ⁿ		1000		None		None		None		10000	
Units			ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		pg/L		pg/L		pg/L		ug/L	
Well	Date	Sample ID	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
MW-15B	12/15/2016	MW-15B-15122016	0.14		0.065						0.12		0.18						19		1.6	
	2/17/2017	MW-15B-17022017																			0.87	
	5/18/2017	MW-15B-18052017																			20	
	8/16/2017	MW-15B-16082017																			18	
	11/16/2017	MW-15B-16112017																				
	2/22/2018	MW-15B-22022018																				
	12/11/2019	MW-15B-11122019																				
	2/25/2020	MW-15B-25022020																				
	6/16/2020	MW-15B-16062020																				
	8/27/2020	MW-15B-27082020																				
	11/19/2020	MW-15B-19112020																				
	3/22/2021	MW-15B-22032021																				
	5/26/2021	MW-15B-26052021																				
	8/18/2021	MW-15B-18082021																				
11/4/2021	MW-15B-04112021																					
MW-16	12/20/2016	MW-16-20122016																				
	2/14/2017	MW-16-14022017																				
	2/14/2017	MW-DUP01-14022017																				
	5/16/2017	MW-16-16052017																				
	5/16/2017	MW-DUP01-16052017																				
	8/14/2017	MW-16-14082017																				
	8/14/2017	MW-DUP01-14082017																				
	11/15/2017	MW-16-15112017																				
	11/15/2017	MW-DUP01-15112017																				
	2/20/2018	MW-16-20022018																				
	2/20/2018	MW-DUP01-20022018																				
	12/6/2019	MW-16-06122019																				
	12/6/2019	MW-DUP01-06122019																				
	2/24/2020	MW-16-24022020																				
	2/24/2020	MW-DUP01-24022020																				
	6/11/2020	MW-16-11062020																				
	6/11/2020	MW-DUP01-11062020																				
	8/24/2020	MW-16-24082020																				
	8/24/2020	MW-DUP01-24082020																				
	11/17/2020	MW-16-17112020																				
	11/17/2020	MW-DUP01-17112020																				
3/9/2021	MW-16-09032020																					
3/9/2021	MW-DUP01-09032021																					
5/25/2021	MW-16-25052021																					
MW-16B	12/22/2016	MW-16B-22122016																				
	2/15/2017	MW-16B-15022017																				
	5/17/2017	MW-16B-17052017																				
	8/14/2017	MW-16B-14082017																				
	11/15/2017	MW-16B-15112017																				
	2/21/2018	MW-16B-21022018																				
	12/6/2019	MW-16B-06122019																				
	2/24/2020	MW-16B-24022020																				
	6/15/2020	MW-16B-15062020																				
	8/25/2020	MW-16B-25082020																				
	11/17/2020	MW-16B-17112020																				
	3/9/2021	MW-16B-09032021																				
	6/4/2021	MW-16B-04062021																				
	8/17/2021	MW-16B-17082021																				
11/4/2021	MW-16B-04112021																					

Table 2
Analytes Detected at the Site
Syntex Facility Superfund Site - Verona, MO

Chemical			n-Butylbenzene		n-Propylbenzene		Phenol		p-Isopropyltoluene		sec-Butylbenzene		Toluene		Total PeCDF		Total TCDD		Total TCDF		Xylenes, Total	
CAS #			104-51-8		103-65-1		108-95-2		99-87-6		135-98-8		108-88-3		30402-15-4		41903-57-5		55722-27-5		1330-20-7	
Project Quantitation Limit Goal*			1000 ⁿ		660 ⁿ		5800 ⁿ		None		2000 ⁿ		1000		None		None		None		10000	
Units			ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		pg/L		pg/L		pg/L		ug/L	
Well	Date	Sample ID	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
MW-21R	12/16/2016	MW-21R-16122016																				
	2/15/2017	MW-21R-15022017																				
	5/17/2017	MW-21R-17052017																				
	8/15/2017	MW-21R-15082017																				
	11/15/2017	MW-21R-15112017																				
	2/21/2018	MW-21R-21022018																				
	12/10/2019	MW-21R-10122019																				
	2/25/2020	MW-21R-25022020																				
	6/16/2020	MW-21R-16062020																				
	8/26/2020	MW-21R-26082020																				
	11/18/2020	MW-21R-18112020																				
	3/11/2021	MW-21R-11032021																				
	5/26/2021	MW-21R-26052021																				
8/18/2021	MW-21R-18082021																					
11/4/2021	MW-21R-04112021																					
MW-22	12/16/2016	MW-22-16122016																				
	2/15/2017	MW-22-15022017																				
	5/17/2017	MW-22-17052017																				
	8/16/2017	MW-22-16082017																				
	11/16/2017	MW-22-16112017																				
	2/22/2018	MW-22-22022018																				
	12/10/2019	MW-22-10122019																				
	2/25/2020	MW-22-25022020																				
	6/16/2020	MW-22-16062020																				
	8/25/2020	MW-22-25082020																				
	11/18/2020	MW-22-18112020																				
	3/10/2021	MW-22-10032021																				
	5/26/2021	MW-22-26052021																				
8/18/2021	MW-22-18082021																					
11/4/2021	MW-22-04112021																					
EA-221B	12/19/2016	EA-221B-19122016																				
	2/16/2017	EA-221B-16022017																				
	5/17/2017	EA-221B-17052017																				
	8/16/2017	EA-221B-16082017																				
	11/17/2017	EA-221B-17112017																				
	2/22/2018	EA-221B-22022018																				
	12/10/2019	EA-221B-10122019																				
	2/26/2020	EA-221B-26022020																				
	6/17/2020	EA-221B-17062020																				
	8/27/2020	EA-221B-27082020																				
	11/18/2020	EA-221B-18112020																				
	3/11/2021	EA-221B-11032021																				
	5/26/2021	EA-221B-26052021																				
8/19/2021	EA-221B-19082021																					
11/3/2021	EA-221B-03112021																					

**Table 2
Analytes Detected at the Site
Syntex Facility Superfund Site - Verona, MO**

Chemical			n-Butylbenzene		n-Propylbenzene		Phenol		p-Isopropyltoluene		sec-Butylbenzene		Toluene		Total PeCDF		Total TCDD		Total TCDF		Xylenes, Total	
CAS #			104-51-8		103-65-1		108-95-2		99-87-6		135-98-8		108-88-3		30402-15-4		41903-57-5		55722-27-5		1330-20-7	
Project Quantitation Limit Goal*			1000 ⁿ		660 ⁿ		5800 ⁿ		None		2000 ⁿ		1000		None		None		None		10000	
Units			ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		pg/L		pg/L		pg/L		ug/L	
Well	Date	Sample ID	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EA-222B	12/22/2016	EA-222B-22122016																				
	2/15/2017	EA-222B-15022017																				
	5/16/2017	EA-222B-16052017																				
	5/18/2017	EA-222B-18052017																				
	8/15/2017	EA-222B-15082017																				
	2/19/2018	EA-222B-19022018																				
	12/6/2019	EA-222B-06122019																				
	2/20/2020	EA-222B-20022020																				
	6/15/2020	EA-222B-15062020																				
	8/25/2020	EA-222B-25082020																				
	11/17/2020	EA-222B-17112020																				
	3/9/2021	EA-222B-09032021																				
	6/4/2021	EA-222B-04062021																				
	8/17/2021	EA-222B-17082021																				
11/2/2021	EA-222B-02112021																					
EA-223B	12/19/2016	EA-223B-19122016																				
	2/16/2017	EA-223B-16022017																				
	5/25/2017	EA-223B-25052017																				
	8/17/2017	EA-223B-17082017																				
	11/17/2017	EA-223B-17112017																				
	2/23/2018	EA-223B-23022018																				
	12/11/2019	EA-223B-11122019																				
	2/26/2020	EA-223B-26022020																				
	6/17/2020	EA-223B-17062020																				
	8/27/2020	EA-223B-27082020																				
	11/19/2020	EA-223B-19112020																				
	3/22/2021	EA-223B-22032021																				
	5/26/2021	EA-223B-26052021																				
	8/19/2021	EA-223B-19082021																				
11/3/2021	EA-223B-03112021																					

Notes:

* Project Quantitation Limit Goals (PQLG) are analytical goals listed solely for the purpose of evaluating laboratory analytical methods and achievable laboratory limits; these are not project-specific screening levels and are not approved by USEPA or MDNR as the appropriate risk assessment values for this project. The risk assessment values will be developed in subsequent phases of the project.

Bold values exceed PQLG

+ MCL or RSL not established

c USEPA Tapwater Regional Screening Level (cancer)

n USEPA Tapwater Regional Screening Level (noncancer)

a Regional Screening Level adjusted to 10⁻⁴

-- No analysis performed.

U The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.

J The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.

J- The result is an estimated quantity, but the result may be biased low.

UJ The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

No data for MW-10 are shown because all results are non-detect.

Table 3
Trench Area Groundwater Data Summary (TA-111)
January 2018 - May 2019
Syntex Facility Superfund Site - Verona, MO

Well ID		TA-111				TA-111				TA-111				TA-111				TA-111									
Quarter / Year		1Q 2018				2Q 2018				3Q 2018				4Q 2018				1Q 2019				2Q 2019					
Sample Type		N		FD		N		FD		N		FD		N		FD		N		FD		N		FD			
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual			
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	--		< 0.070 U		< 0.07 U		--		< 0.07 U		--		< 0.2 U		--		< 1 U		--		< 0.2 U		--
EPA 604.1	Hexachlorophene	70-30-4	6 ^{n,a}	ug/L	< 10 U		< 10.6 U		< 10.0 U		< 10.0 U		< 10.1 U		< 10.1 U		< 9.6 U		< 9.6 U		< 9.8 U		< 9.9 U		< 9.9 U		< 10.1 U
EPA 8260B	1,1,1,2-Tetrachloroethane	630-20-6	0.57 ^c	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	1,1,1-Trichloroethane	71-55-6	200	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	1,1,2,2-Tetrachloroethane	79-34-5	7.6 ^{c,a}	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	1,1,2-Trichloroethane	79-00-5	5	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	1,1-Dichloroethane	75-34-3	2.8 ^c	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	1,1-Dichloroethene	75-35-4	7	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	1,1-Dichloropropene	563-58-6	None	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	1,2,3-Trichlorobenzene	87-61-6	7 ⁿ	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	1,2,3-Trichloropropane	96-18-4	0.075 ^{c,a}	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	1,2,4-Trichlorobenzene	120-82-1	70	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	1,2,4-Trimethylbenzene	95-63-6	15 ⁿ	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	1,2-Dibromo-3-chloropropane	96-12-8	0.2	ug/L	< 2 U		--		< 2 U		--		< 2 U		--		< 2 U		--		< 2 U		--		< 2 U		--
EPA 8260B	1,2-Dibromoethane	106-93-4	0.05	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	1,2-Dichlorobenzene	95-50-1	600	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	1,2-Dichloroethane	107-06-2	5	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	1,2-Dichloroethene, Total	540-59-0	None	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	1,2-Dichloropropane	78-87-5	5	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	1,3,5-Trimethylbenzene	108-67-8	120 ⁿ	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	1,3-Dichlorobenzene	541-73-1	None	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	1,3-Dichloropropane	142-28-9	370 ⁿ	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	1,4-Dichlorobenzene	106-46-7	75	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	2,2-Dichloropropane	594-20-7	None	ug/L	< 2 U		--		< 2 U		--		< 2 U		--		< 2 U		--		< 2 U		--		< 2 U		--
EPA 8260B	2-Butanone	78-93-3	5600 ⁿ	ug/L	< 5 U		--		< 5 U		--		< 5 U		--		< 5 U		--		< 5 U		--		< 5 U		--
EPA 8260B	2-Chlorotoluene	95-49-8	240 ⁿ	ug/L	< 1 U		--		< 1 U		--		< 1 U		--		< 1 U		--		< 1 U		--		< 1 U		--
EPA 8260B	2-Hexanone	591-78-6	38 ⁿ	ug/L	< 5 U		--		< 5 U		--		< 5 U		--		< 5 U		--		< 5 U		--		< 5 U		--
EPA 8260B	4-Chlorotoluene	106-43-4	250 ⁿ	ug/L	< 1 U		--		< 1 U		--		< 1 U		--		< 1 U		--		< 1 U		--		< 1 U		--
EPA 8260B	4-Methyl-2-pentanone	108-10-1	6300 ⁿ	ug/L	< 5 U		--		< 5 U		--		< 5 U		--		< 5 U		--		< 5 U		--		< 5 U		--
EPA 8260B	Acetone	67-64-1	14000 ⁿ	ug/L	< 10 U		--		< 10 U		--		< 10 U		--		< 10 U		--		12		--		< 10 U		--
EPA 8260B	Benzene	71-43-2	5	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	Bromobenzene	108-86-1	62 ⁿ	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	Bromochloromethane	74-97-5	83 ⁿ	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	Bromodichloromethane	75-27-4	80	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	Bromoform	75-25-2	80	ug/L	< 0.5 U		--		< 2 U		--		< 2 U		--		< 2 U		--		< 2 U		--		< 2 U		--
EPA 8260B	Bromomethane	74-83-9	7.5 ⁿ	ug/L	< 20 U		--		< 5 U		--		< 5 U		--		< 5 U		--		< 5 U		--		< 5 U		--
EPA 8260B	Carbon Disulfide	75-15-0	810 ⁿ	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	Carbon Tetrachloride	56-23-5	5	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	Chlorobenzene	108-90-7	100	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	Chlorodibromomethane	124-48-1	80	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	Chloroethane	75-00-3	21000 ⁿ	ug/L	< 2 U		--		< 1 U		--		< 1 U		--		< 1 U		--		< 1 U		--		< 1 U		--
EPA 8260B	Chloroform	67-66-3	80	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--

Table 3
Trench Area Groundwater Data Summary (TA-111)
January 2018 - May 2019
Syntex Facility Superfund Site - Verona, MO

Well ID					TA-111				TA-111				TA-111				TA-111				TA-111							
Quarter / Year					1Q 2018				2Q 2018				3Q 2018				4Q 2018				1Q 2019				2Q 2019			
Sample Type					N		FD		N		FD		N		FD		N		FD		N		FD		N		FD	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8260B	Chloromethane	74-87-3	190 ⁿ	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--	
EPA 8260B	cis-1,2-Dichloroethene	156-59-2	70	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--	
EPA 8260B	cis-1,3-Dichloropropene	10061-01-5	0.47	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--	
EPA 8260B	Dibromomethane	74-95-3	8.3 ⁿ	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--	
EPA 8260B	Dichlorodifluoromethane	75-71-8	200 ⁿ	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--	
EPA 8260B	Ethylbenzene	100-41-4	700	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--	
EPA 8260B	Fluorotrichloromethane	75-69-4	5200 ⁿ	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--	
EPA 8260B	Hexachlorobutadiene	87-68-3	6.5	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.6 U		--	
EPA 8260B	Isopropylbenzene	98-82-8	450 ⁿ	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--	
EPA 8260B	Methylene Chloride	75-09-2	5	ug/L	< 5 U		--		< 1 U		--		< 1 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8260B	Methyl-tert-butyl-ether	1634-04-4	14 ^c	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--	
EPA 8260B	Naphthalene	91-20-3	6.1 ^{c,a}	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.6 U		--	
EPA 8260B	n-Butylbenzene	104-51-8	1000 ⁿ	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--	
EPA 8260B	n-Propylbenzene	103-65-1	660 ⁿ	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--	
EPA 8260B	p-Isopropyltoluene	99-87-6	None	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--	
EPA 8260B	sec-Butylbenzene	135-98-8	2000 ⁿ	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--	
EPA 8260B	Styrene	100-42-5	100	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--	
EPA 8260B	tert-Butylbenzene	98-06-6	690 ⁿ	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--	
EPA 8260B	Tetrachloroethene	127-18-4	5	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--	
EPA 8260B	Toluene	108-88-3	1000	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--	
EPA 8260B	trans-1,2-Dichloroethene	156-60-5	100	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--	
EPA 8260B	trans-1,3-Dichloropropene	10061-02-6	0.47	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--	
EPA 8260B	Trichloroethene	79-01-6	5	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		0.73		--		< 0.5 U		--		< 0.5 U		--	
EPA 8260B	Vinyl Chloride	75-01-4	2	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--	
EPA 8260B	Xylenes, Total	1330-20-7	10000	ug/L	< 1.5 U		--		< 1.5 U		--		< 1.5 U		--		< 1.5 U		--		< 1.5 U		--		< 1.5 U		--	
EPA 8270D	2,2'-oxybis(1-Chloropropane)	108-60-1	710 ⁿ	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	2,4,6-Trichlorophenol	88-06-2	4.1 ^c	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	2,4-Dichlorophenol	120-83-2	46 ⁿ	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	2,4-Dimethylphenol	105-67-9	360 ⁿ	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	2,4-Dinitrophenol	51-28-5	39 ⁿ	ug/L	< 2.5 U		--		< 2.6 U		--		< 2.5 U		--		< 2.5 U		--		< 2.5 U		--		< 2.6 U		--	
EPA 8270D	2,4-Dinitrotoluene	121-14-2	24 ^{c,a}	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	2,6-Dinitrotoluene	606-20-2	4.9 ^{c,a}	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	2-Chloronaphthalene	91-58-7	750 ⁿ	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	2-Chlorophenol	95-57-8	91 ⁿ	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	2-Methylnaphthalene	91-57-6	36 ⁿ	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	2-Methylphenol	95-48-7	930 ⁿ	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	2-Nitroaniline	88-74-4	190 ⁿ	ug/L	< 2.5 U		--		< 2.6 U		--		< 2.5 U		--		< 2.5 U		--		< 2.5 U		--		< 2.6 U		--	
EPA 8270D	2-Nitrophenol	88-75-5	None	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	3 & 4-Methylphenol	MEPH3MEPH4	930 ⁿ	ug/L	< 2 U		--		< 2.0 U		--		< 2.0 U		--		< 2 U		--		< 2 U		--		< 2.1 U		--	
EPA 8270D	3,3-Dichlorobenzidine	91-94-1	13 ^{c,a}	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	3-Nitroaniline	99-09-2	None	ug/L	< 2.5 U		--		< 2.6 U		--		< 2.5 U		--		< 2.5 U		--		< 2.5 U		--		< 2.6 U		--	
EPA 8270D	4,6-Dinitro-2-methylphenol	534-52-1	1.5 ^{n,a}	ug/L	< 2.5 U		--		< 2.6 U		--		< 2.5 U		--		< 2.5 U		--		< 2.5 U		--		< 2.6 U		--	

Table 3
Trench Area Groundwater Data Summary (TA-111)
January 2018 - May 2019
Syntex Facility Superfund Site - Verona, MO

Well ID					TA-111				TA-111				TA-111				TA-111				TA-111							
Quarter / Year					1Q 2018				2Q 2018				3Q 2018				4Q 2018				1Q 2019				2Q 2019			
Sample Type					N		FD		N		FD		N		FD		N		FD		N		FD		N		FD	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8270D	4-Bromophenyl Phenyl Ether	101-55-3	None	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	4-Chloro-3-methylphenol	59-50-7	1400 ⁿ	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	4-Chloroaniline	106-47-8	37 ^{c,a}	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	4-Chlorophenyl Phenyl Ether	7005-72-3	None	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	4-Nitroaniline	100-01-6	3.8 ^c	ug/L	< 2.5 U		--		< 2.6 U		--		< 2.5 U		--		< 2.5 U		--		< 2.5 U		--		< 2.6 U		--	
EPA 8270D	4-Nitrophenol	100-02-7	None	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	Acenaphthene	83-32-9	530 ⁿ	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	Acenaphthylene	208-96-8	None	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	Aniline	62-53-3	13 ^c	ug/L	< 2.5 U		--		< 2.6 U		--		< 2.5 U		--		< 2.5 U		--		< 2.5 U		--		< 2.6 U		--	
EPA 8270D	Anthracene	120-12-7	1800 ⁿ	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	Benzo(a)anthracene	56-55-3	1.2 ^{c,a}	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	Benzo(a)pyrene	50-32-8	0.2	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	Benzoic Acid	65-85-0	75000 ⁿ	ug/L	< 25.4 U		--		< 25.5 U		--		< 25.0 U		--		< 25.1 U		--		< 14.9 U		--		< 15.4 U		--	
EPA 8270D	bis(2-Chloroethyl)ether	111-44-4	0.014 ^c	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	bis(2-Ethylhexyl)phthalate	117-81-7	6	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	Butylbenzylphthalate	85-68-7	16 ^c	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	Chrysene	218-01-9	3.4 ^c	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	Dibenzo(a,h)anthracene	53-70-3	0.34 ^{c,a}	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	Dibenzofuran	132-64-9	7.9 ⁿ	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	Diethylphthalate	84-66-2	15000 ⁿ	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	Dimethylphthalate	131-11-3	None	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	Di-n-butylphthalate	84-74-2	900 ⁿ	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	Di-n-octylphthalate	117-84-0	200 ⁿ	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	Fluoranthene	206-44-0	800 ⁿ	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	Fluorene	86-73-7	290 ⁿ	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	Hexachlorobenzene	118-74-1	1	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	Hexachlorocyclopentadiene	77-47-4	50	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	Hexachloroethane	67-72-1	6.2 ^{c,a}	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	Indeno(1,2,3-cd)pyrene	193-39-5	3.4 ^{c,a}	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	Isophorone	78-59-1	78 ^c	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	Nitrobenzene	98-95-3	13 ^{c,a}	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	N-Nitrosodi-n-propylamine	621-64-7	1.1 ^{c,a}	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	N-Nitrosodiphenylamine	86-30-6	12 ^c	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	Pentachlorophenol	87-86-5	1	ug/L	< 2.5 U		--		< 2.6 U		--		< 2.5 U		--		< 2.5 U		--		< 2.5 U		--		< 2.6 U		--	
EPA 8270D	Phenanthrene	85-01-8	None	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	Phenol	108-95-2	5800 ⁿ	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
EPA 8270D	Pyrene	129-00-0	120 ⁿ	ug/L	< 1 U		--		< 1.0 U		--		< 1.0 U		--		< 1 U		--		< 1 U		--		< 1 U		--	
SW846 8290	1,2,3,4,6,7,8-HpCDD	35822-46-9	None	pg/L	< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--	
SW846 8290	1,2,3,4,6,7,8-HpCDF	67562-39-4	None	pg/L	< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--	
SW846 8290	1,2,3,4,7,8,9-HpCDF	55673-89-7	None	pg/L	< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--	
SW846 8290	1,2,3,4,7,8-HxCDD	39227-28-6	None	pg/L	< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--	
SW846 8290	1,2,3,4,7,8-HxCDF	70648-26-9	None	pg/L	< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--	

**Table 3
Trench Area Groundwater Data Summary (TA-111)
January 2018 - May 2019
Syntex Facility Superfund Site - Verona, MO**

Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Well ID		TA-111		TA-111		TA-111		TA-111		TA-111		TA-111								
					Quarter / Year		1Q 2018		2Q 2018		3Q 2018		4Q 2018		1Q 2019		2Q 2019								
					Sample Type		N	FD	N	FD	N	FD	N	FD	N	FD	N	FD	N	FD					
Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual								
SW846 8290	1,2,3,6,7,8-HxCDD	57653-85-7	None	pg/L	< 50 U		--		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U
SW846 8290	1,2,3,6,7,8-HxCDF	57117-44-9	None	pg/L	< 50 U		--		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U
SW846 8290	1,2,3,7,8,9-HxCDD	19408-74-3	None	pg/L	< 50 U		--		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U
SW846 8290	1,2,3,7,8,9-HxCDF	72918-21-9	None	pg/L	< 50 U		--		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U
SW846 8290	1,2,3,7,8-PeCDD	40321-76-4	None	pg/L	< 50 U		--		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U
SW846 8290	1,2,3,7,8-PeCDF	57117-41-6	None	pg/L	< 50 U		--		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U
SW846 8290	2,3,4,6,7,8-HxCDF	60851-34-5	None	pg/L	< 50 U		--		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U
SW846 8290	2,3,4,7,8-PeCDF	57117-31-4	None	pg/L	< 50 U		--		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U
SW846 8290	2,3,7,8-TCDF	51207-31-9	None	pg/L	< 10 U		--		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U
SW846 8290	2,3,7,8-Tetrachlorodibenzo-p-Dioxin	1746-01-6	30	pg/L	< 10 U		--		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U
SW846 8290	OCDD	3268-87-9	None	pg/L	< 100 U		--		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U
SW846 8290	OCDF	39001-02-0	None	pg/L	< 100 U		--		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U
SW846 8290	Total HpCDD	37871-00-4	None	pg/L	< 50 U		--		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U
SW846 8290	Total HpCDF	38998-75-3	None	pg/L	< 50 U		--		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U
SW846 8290	Total HxCDD	34465-46-8	None	pg/L	< 50 U		--		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U
SW846 8290	Total HxCDF	55684-94-1	None	pg/L	< 50 U		--		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U
SW846 8290	Total PeCDD	36088-22-9	None	pg/L	< 50 U		--		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U
SW846 8290	Total PeCDF	30402-15-4	None	pg/L	< 50 U		--		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U
SW846 8290	Total TCDD	41903-57-5	None	pg/L	< 10 U		--		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U
SW846 8290	Total TCDF	55722-27-5	None	pg/L	< 10 U		--		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U

Notes:

- * Project Quantitation Limit Goals are analytical goals listed solely for the purpose of evaluating laboratory analytical methods and achievable laboratory limits; these are not project-specific screening levels and are not approved by USEPA or MDNR as the appropriate risk assessment values for this project. The risk assessment values will be developed in subsequent phases of the project.
- + MCL or RSL not established
- c USEPA Tapwater Regional Screening Level (cancer)
- n USEPA Tapwater Regional Screening Level (noncancer)
- a Regional Screening Level adjusted to 10⁻⁴
- No analysis performed.
- U The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
- J The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
- J+ The result is an estimated quantity, but the result may be biased high.
- J- The result is an estimated quantity, but the result may be biased low.
- UJ The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

Abbreviations:

- < = less than
- CAS = chemical abstracts service
- FD = field duplicate
- ID = identification
- MCL = maximum contaminant level
- MDNR = Missouri Department of Natural Resources
- pg/L = picograms per liter (parts per quadrillion)
- RSL = regional screening level
- ug/L = micrograms per liter (parts per billion)
- USEPA = United States Environmental Protection Agency

**Table 3
Trench Area Groundwater Data Summary (TA-117)
January 2018 - May 2019
Syntex Facility Superfund Site - Verona, MO**

		Well ID	TA-117								TA-117				TA-117				TA-117				TA-117									
		Quarter / Year	1Q 2018								2Q 2018				3Q 2018				4Q 2018				1Q 2019				2Q 2019					
		Sample Type	N	N	N	N	FD	N	N	N	N	FD	N	FD	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	FD	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	15.5		14.8		16.2		18.9	J+	18.8		15.8		18.6		12.3		12.5		14.2		15.5		12.4	J-	12.9	J-		
EPA 604.1	Hexachlorophene	70-30-4	6 ^{n,a}	ug/L	< 10.0 U		--		--		< 10.0 U		--		< 10.1 U		--		< 9.6 U		--		< 10.8 U		--		< 10 U		--			
EPA 8260B	1,1,1,2-Tetrachloroethane	630-20-6	0.57 ^c	ug/L	< 0.5 U		--		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U			
EPA 8260B	1,1,1-Trichloroethane	71-55-6	200	ug/L	< 0.5 U		--		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U			
EPA 8260B	1,1,2,2-Tetrachloroethane	79-34-5	7.6 ^{c,a}	ug/L	< 0.5 U		--		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U			
EPA 8260B	1,1,2-Trichloroethane	79-00-5	5	ug/L	< 0.5 U		--		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U			
EPA 8260B	1,1-Dichloroethane	75-34-3	2.8 ^c	ug/L	< 0.5 U		--		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U			
EPA 8260B	1,1-Dichloroethene	75-35-4	7	ug/L	< 0.5 U		--		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U			
EPA 8260B	1,1-Dichloropropene	563-58-6	None	ug/L	< 0.5 U		--		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U			
EPA 8260B	1,2,3-Trichlorobenzene	87-61-6	7 ⁿ	ug/L	< 0.5 U		--		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U			
EPA 8260B	1,2,3-Trichloropropane	96-18-4	0.075 ^{c,a}	ug/L	< 0.5 U		--		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U			
EPA 8260B	1,2,4-Trichlorobenzene	120-82-1	70	ug/L	< 0.5 U		--		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U			
EPA 8260B	1,2,4-Trimethylbenzene	95-63-6	15 ⁿ	ug/L	< 0.5 U		--		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U			
EPA 8260B	1,2-Dibromo-3-chloropropane	96-12-8	0.2	ug/L	< 2 U		--		< 2 U		< 2 U		< 2 U		< 2 U		< 2 U		< 2 U		< 2 U		< 2 U		< 2 U		< 2 U		< 2 U			
EPA 8260B	1,2-Dibromoethane	106-93-4	0.05	ug/L	< 0.5 U		--		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U			
EPA 8260B	1,2-Dichlorobenzene	95-50-1	600	ug/L	< 0.5 U		--		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U			
EPA 8260B	1,2-Dichloroethane	107-06-2	5	ug/L	< 0.5 U		--		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U			
EPA 8260B	1,2-Dichloroethene, Total	540-59-0	None	ug/L	< 0.5 U		--		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U			
EPA 8260B	1,2-Dichloropropane	78-87-5	5	ug/L	< 0.5 U		--		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U			
EPA 8260B	1,3,5-Trimethylbenzene	108-67-8	120 ⁿ	ug/L	< 0.5 U		--		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U			
EPA 8260B	1,3-Dichlorobenzene	541-73-1	None	ug/L	0.177		--		0.173		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U			
EPA 8260B	1,3-Dichloropropane	142-28-9	370 ⁿ	ug/L	< 0.5 U		--		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U			
EPA 8260B	1,4-Dichlorobenzene	106-46-7	75	ug/L	2.15		--		2.17		1.1		0.97		0.89		0.8		1.7		1.7		1.1		1.1		0.88		1.1			
EPA 8260B	2,2-Dichloropropane	594-20-7	None	ug/L	< 2 U		--		< 2 U		< 2 U		< 2 U		< 2 U		< 2 U		< 2 U		< 2 U		< 2 U		< 2 U		< 2 U		< 2 U			
EPA 8260B	2-Butanone	78-93-3	5600 ⁿ	ug/L	< 5 U		--		< 5 U		< 5 U		< 5 U		< 5 U		< 5 U		< 5 U		< 5 U		< 5 U		< 5 U		< 5 U		< 5 U			
EPA 8260B	2-Chlorotoluene	95-49-8	240 ⁿ	ug/L	< 1 U		--		< 1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1 U			
EPA 8260B	2-Hexanone	591-78-6	38 ⁿ	ug/L	< 5 U		--		< 5 U		< 5 U		< 5 U		< 5 U		< 5 U		< 5 U		< 5 U		< 5 U		< 5 U		< 5 U		< 5 U			
EPA 8260B	4-Chlorotoluene	106-43-4	250 ⁿ	ug/L	< 1 U		--		< 1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1 U			
EPA 8260B	4-Methyl-2-pentanone	108-10-1	6300 ⁿ	ug/L	< 5 U		--		< 5 U		< 5 U		< 5 U		< 5 U		< 5 U		< 5 U		< 5 U		< 5 U		< 5 U		< 5 U		< 5 U			
EPA 8260B	Acetone	67-64-1	14000 ⁿ	ug/L	38.5		--		61.5	J	34.9		40.7		10.1		10.9		19		15.3		50		55.5		50.4	J	35	J		
EPA 8260B	Benzene	71-43-2	5	ug/L	< 0.5 U		--		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U			
EPA 8260B	Bromobenzene	108-86-1	62 ⁿ	ug/L	< 0.5 U		--		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U			
EPA 8260B	Bromochloromethane	74-97-5	83 ⁿ	ug/L	< 0.5 U		--		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U			
EPA 8260B	Bromodichloromethane	75-27-4	80	ug/L	< 0.5 U		--		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U			
EPA 8260B	Bromoform	75-25-2	80	ug/L	< 0.5 U		--		< 0.5 U		< 2 U		< 2 U		< 2 U		< 2 U		< 2 U		< 2 U		< 2 U		< 2 U		< 2 U		< 2 U			
EPA 8260B	Bromomethane	74-83-9	7.5 ⁿ	ug/L	< 20 U		--		< 20 U		< 5 U		< 5 U		< 5 U		< 5 U		< 5 U		< 5 U		< 5 U		< 5 U		< 5 U		< 5 U			
EPA 8260B	Carbon Disulfide	75-15-0	810 ⁿ	ug/L	< 0.5 U		--		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U			
EPA 8260B	Carbon Tetrachloride	56-23-5	5	ug/L	< 0.5 U		--		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U			
EPA 8260B	Chlorobenzene	108-90-7	100	ug/L	1.91		--		1.8		1.8		2		2.9		2		9.6		9.3		1.9		2		1.9		1.9			
EPA 8260B	Chlorodibromomethane	124-48-1	80	ug/L	< 0.5 U		--		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U			
EPA 8260B	Chloroethane	75-00-3	21000 ⁿ	ug/L	< 2 U		--		< 2 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1 U		1.2		1.1			
EPA 8260B	Chloroform	67-66-3	80	ug/L	< 0.5 U		--		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U			
EPA 8260B	Chloromethane	74-87-3	190 ⁿ	ug/L	< 0.5 U		--		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		0.59		0.62		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U			
EPA 8260B	cis-1,2-Dichloroethene	156-59-2	70	ug/L	< 0.5 U		--		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U			
EPA 8260B	cis-1,3-Dichloropropene	10061-01-5	0.47	ug/L	< 0.5 U		--		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U			
EPA 8260B	Dibromomethane	74-95-3	8.3 ⁿ	ug/L	< 0.5 U		--		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U			
EPA 8260B	Dichlorodifluoromethane	75-71-8	200 ⁿ	ug/L</																												

Table 3
Trench Area Groundwater Data Summary (TA-117)
January 2018 - May 2019
Syntex Facility Superfund Site - Verona, MO

Well ID		TA-117						TA-117						TA-117						TA-117						TA-117											
Quarter / Year		1Q 2018						2Q 2018						3Q 2018						4Q 2018						1Q 2019						2Q 2019					
Sample Type		N		N		N		FD		N		FD		N		FD		N		FD		N		FD		N		FD		N		FD					
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual							
EPA 8270D	Benzo(a)anthracene	56-55-3	1.2 ^{c,a}	ug/L	< 1.1 U	--	--	--	--	< 1.1 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U	--	--	--	< 0.97 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U							
EPA 8270D	Benzo(a)pyrene	50-32-8	0.2	ug/L	< 1.1 U	--	--	--	--	< 1.1 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U	--	--	--	< 0.97 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U							
EPA 8270D	Benzoic Acid	65-85-0	75000 ⁿ	ug/L	< 28.4 U	--	--	--	--	< 26.9 U	--	--	--	< 24.8 U	--	--	--	< 24.6 U	--	--	--	< 14.6 U	--	--	--	< 14.8 U	--	--	--	< 14.8 U							
EPA 8270D	bis(2-Chloroethyl)ether	111-44-4	0.014 ^c	ug/L	< 1.1 U	--	--	--	--	< 1.1 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U	--	--	--	< 0.97 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U							
EPA 8270D	bis(2-Ethylhexyl)phthalate	117-81-7	6	ug/L	< 1.1 U	--	--	--	--	< 1.1 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U	--	--	--	< 0.97 U	--	--	--	< 0.99 U	--	--	1.6	< 0.99 U							
EPA 8270D	Butylbenzylphthalate	85-68-7	16 ^c	ug/L	< 1.1 U	--	--	--	--	< 1.1 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U	--	--	--	< 0.97 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U							
EPA 8270D	Chrysene	218-01-9	3.4 ^c	ug/L	< 1.1 U	--	--	--	--	< 1.1 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U	--	--	--	< 0.97 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U							
EPA 8270D	Dibenzo(a,h)anthracene	53-70-3	0.34 ^{c,a}	ug/L	< 1.1 U	--	--	--	--	< 1.1 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U	--	--	--	< 0.97 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U							
EPA 8270D	Dibenzofuran	132-64-9	7.9 ⁿ	ug/L	< 1.1 U	--	--	--	--	< 1.1 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U	--	--	--	< 0.97 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U							
EPA 8270D	Diethylphthalate	84-66-2	15000 ⁿ	ug/L	< 1.1 U	--	--	--	--	< 1.1 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U	--	--	--	< 0.97 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U							
EPA 8270D	Dimethylphthalate	131-11-3	None	ug/L	< 1.1 U	--	--	--	--	< 1.1 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U	--	--	--	< 0.97 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U							
EPA 8270D	Di-n-butylphthalate	84-74-2	900 ⁿ	ug/L	< 1.1 U	--	--	--	--	< 1.1 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U	--	--	--	< 0.97 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U							
EPA 8270D	Di-n-octylphthalate	117-84-0	200 ⁿ	ug/L	< 1.1 U	--	--	--	--	< 1.1 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U	--	--	--	< 0.97 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U							
EPA 8270D	Fluoranthene	206-44-0	800 ⁿ	ug/L	< 1.1 U	--	--	--	--	< 1.1 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U	--	--	--	< 0.97 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U							
EPA 8270D	Fluorene	86-73-7	290 ⁿ	ug/L	< 1.1 U	--	--	--	--	< 1.1 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U	--	--	--	< 0.97 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U							
EPA 8270D	Hexachlorobenzene	118-74-1	1	ug/L	< 1.1 U	--	--	--	--	< 1.1 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U	--	--	--	< 0.97 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U							
EPA 8270D	Hexachlorocyclopentadiene	77-47-4	50	ug/L	< 1.1 U	--	--	--	--	< 1.1 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U	--	--	--	< 0.97 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U							
EPA 8270D	Hexachloroethane	67-72-1	6.2 ^{c,a}	ug/L	< 1.1 U	--	--	--	--	< 1.1 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U	--	--	--	< 0.97 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U							
EPA 8270D	Indeno(1,2,3-cd)pyrene	193-39-5	3.4 ^{c,a}	ug/L	< 1.1 U	--	--	--	--	< 1.1 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U	--	--	--	< 0.97 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U							
EPA 8270D	Isophorone	78-59-1	78 ^c	ug/L	< 1.1 U	--	--	--	--	< 1.1 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U	--	--	--	< 0.97 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U							
EPA 8270D	Nitrobenzene	98-95-3	13 ^{c,a}	ug/L	< 1.1 U	--	--	--	--	< 1.1 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U	--	--	--	< 0.97 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U							
EPA 8270D	N-Nitrosodi-n-propylamine	621-64-7	1.1 ^{c,a}	ug/L	< 1.1 U	--	--	--	--	< 1.1 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U	--	--	--	< 0.97 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U							
EPA 8270D	N-Nitrosodiphenylamine	86-30-6	12 ^c	ug/L	< 1.1 U	--	--	--	--	< 1.1 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U	--	--	--	< 0.97 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U							
EPA 8270D	Pentachlorophenol	87-86-5	1	ug/L	< 2.8 U	--	--	--	--	< 2.7 U	--	--	--	< 2.5 U	--	--	--	< 2.5 U	--	--	--	< 2.4 U	--	--	--	< 2.5 U	--	--	--	< 2.5 U							
EPA 8270D	Phenanthrene	85-01-8	None	ug/L	< 1.1 U	--	--	--	--	< 1.1 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U	--	--	--	< 0.97 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U							
EPA 8270D	Phenol	108-95-2	5800 ⁿ	ug/L	1.6	--	--	--	--	< 1.1 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U	--	--	--	< 0.97 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U							
EPA 8270D	Pyrene	129-00-0	120 ⁿ	ug/L	< 1.1 U	--	--	--	--	< 1.1 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U	--	--	--	< 0.97 U	--	--	--	< 0.99 U	--	--	--	< 0.99 U							
SW846 8290	1,2,3,4,6,7,8-HpCDD	35822-46-9	None	pg/L	< 50 U	--	--	< 50 U	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U							
SW846 8290	1,2,3,4,6,7,8-HpCDF	67562-39-4	None	pg/L	< 50 U	--	--	< 50 U	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U							
SW846 8290	1,2,3,4,7,8,9-HpCDF	55673-89-7	None	pg/L	< 50 U	--	--	< 50 U	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U							
SW846 8290	1,2,3,4,7,8-HxCDD	39227-28-6	None	pg/L	< 50 U	--	--	< 50 U	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U							
SW846 8290	1,2,3,4,7,8-HxCDF	70648-26-9	None	pg/L	< 50 U	--	--	< 50 U	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U							
SW846 8290	1,2,3,6,7,8-HxCDD	57653-85-7	None	pg/L	< 50 U	--	--	< 50 U	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U							
SW846 8290	1,2,3,6,7,8-HxCDF	57117-44-9	None	pg/L	< 50 U	--	--	< 50 U	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U							
SW846 8290	1,2,3,7,8,9-HxCDD	19408-74-3	None	pg/L	< 50 U	--	--	< 50 U	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U							
SW846 8290	1,2,3,7,8,9-HxCDF	72918-21-9	None	pg/L	< 50 U	--	--	< 50 U	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U							
SW846 8290	1,2,3,7,8-PeCDD	40321-76-4	None	pg/L	< 50 U	--	--	< 50 U	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U							
SW846 8290	1,2,3,7,8-PeCDF	57117-41-6	None	pg/L	< 50 U	--	--	< 50 U	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U							
SW846 8290	2,3,4,6,7,8-HxCDF	60851-34-5	None	pg/L	< 50 U	--	--	< 50 U	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U							
SW846 8290	2,3,4,7,8-PeCDF	57117-31-4	None	pg/L	< 50 U	--	--	< 50 U	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U							
SW846 8290	2,3,7,8-TCDF	51207-31-9	None	pg/L	< 10 U	--	--	< 10 U	--	< 10 U	--	--	--	< 10 U	--	--	--	< 10 U	--	--	--	< 10 U	--	--	--	< 10 U	--	--	--	< 10 U							
SW846 8290	2,3,7,8-Tetrachlorodibenzo-p-Dioxin	1746-01-6	30	pg/L	< 10 U	--	--	< 10 U	--	< 10 U	--	--	--	< 10 U	--	--	--	< 10 U	--	--	--	< 10 U	--	--	--	< 10 U	--	--	--	< 10 U							
SW846 8290	OCDD	3268-87-9	None	pg/L	< 100 U	--	--	< 100 U	--	< 100 U	--	--	--	< 100 U	--	--	--	< 100 U	--	--	--	< 100 U	--	--	--	< 100 U	--	--	--	< 100 U							
SW846 8290	OCDF	39001-02-0	None	pg/L	< 100 U	--	--	< 100 U	--	< 100 U	--	--	--	< 100 U	--	--	--	< 100 U	--	--	--	< 100 U	--	--	--	< 100 U	--	--	--	< 100 U							
SW846 8290	Total HpCDD	37871-00-4	None	pg/L	< 50 U	--	--	< 50 U	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U							
SW846 8290	Total HpCDF	38998-75-3	None	pg/L	< 50 U	--	--	< 50 U	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U							
SW846 8290	Total HxCDD	34465-46-8	None	pg/L	< 50 U	--	--	< 50 U	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U	--	--	--	< 50 U							

Table 3
Trench Area Groundwater Data Summary (TA-117)
January 2018 - May 2019
Syntex Facility Superfund Site - Verona, MO

Well ID				TA-117								TA-117				TA-117				TA-117				TA-117							
Quarter / Year				1Q 2018								2Q 2018				3Q 2018				4Q 2018				1Q 2019				2Q 2019			
Sample Type				N		N		N		FD		N		FD		N		FD		N		FD		N		FD		N		FD	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	
SW846 8290	Total HxCDF	55684-94-1	None	pg/L	< 50 U		--		< 50 U		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		
SW846 8290	Total PeCDD	36088-22-9	None	pg/L	< 50 U		--		< 50 U		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		
SW846 8290	Total PeCDF	30402-15-4	None	pg/L	< 50 U		--		< 50 U		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		
SW846 8290	Total TCDD	41903-57-5	None	pg/L	< 10 U		--		< 10 U		< 10 U		--		< 10 U		--		< 10 U		--		< 10 U		--		< 10 U		--		
SW846 8290	Total TCDF	55722-27-5	None	pg/L	< 10 U		--		< 10 U		< 10 U		--		< 10 U		--		< 10 U		--		< 10 U		--		< 10 U		--		

Notes:

- * Project Quantitation Limit Goals are analytical goals listed solely for the purpose of evaluating laboratory analytical methods and achievable laboratory limits; these are not project-specific screening levels and are not approved by USEPA or MDNR as the appropriate risk assessment values for this project. The risk assessment values will be developed in subsequent phases of the project.
- + MCL or RSL not established
- c USEPA Tapwater Regional Screening Level (cancer)
- n USEPA Tapwater Regional Screening Level (noncancer)
- a Regional Screening Level adjusted to 10⁻⁴
- No analysis performed.
- U The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
- J The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
- J+ The result is an estimated quantity, but the result may be biased high.
- J- The result is an estimated quantity, but the result may be biased low.
- UJ The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

Abbreviations:

- < = less than
- CAS = chemical abstracts service
- FD = field duplicate
- ID = identification
- MCL = maximum contaminant level
- MDNR = Missouri Department of Natural Resources
- pg/L = picograms per liter (parts per quadrillion)
- RSL = regional screening level
- ug/L = micrograms per liter (parts per billion)
- USEPA = United States Environmental Protection Agency

Table 3
Trench Area Groundwater Data Summary (TA-118)
January 2018 - May 2019
Syntex Facility Superfund Site - Verona, MO

				Well ID	TA-118		TA-118		TA-118		TA-118		TA-118		TA-118	
				Quarter / Year	1Q 2018		2Q 2018		3Q 2018		4Q 2018		1Q 2019		2Q 2019	
				Sample Type	N		N		N		N		N		N	
Method	Chemical	CAS #	Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	0.25		0.25		0.41		0.49		0.74		0.21	
EPA 604.1	Hexachlorophene	70-30-4	6 ^{n,a}	ug/L	< 10 U		< 10.0 U		< 9.9 U		< 10.3 U		< 11 U		< 9.9 U	
EPA 8260B	1,1,1,2-Tetrachloroethane	630-20-6	0.57 ^c	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1,1-Trichloroethane	71-55-6	200	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1,2,2-Tetrachloroethane	79-34-5	7.6 ^{c,a}	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1,2-Trichloroethane	79-00-5	5	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1-Dichloroethane	75-34-3	2.8 ^c	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1-Dichloroethene	75-35-4	7	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,1-Dichloropropene	563-58-6	None	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,3-Trichlorobenzene	87-61-6	7 ⁿ	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,3-Trichloropropane	96-18-4	0.075 ^{c,a}	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,4-Trichlorobenzene	120-82-1	70	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2,4-Trimethylbenzene	95-63-6	15 ⁿ	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dibromo-3-chloropropane	96-12-8	0.2	ug/L	< 2 U		< 2 U		< 2 U		< 2 U		< 2 U		< 2 U	
EPA 8260B	1,2-Dibromoethane	106-93-4	0.05	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichlorobenzene	95-50-1	600	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichloroethane	107-06-2	5	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichloroethene, Total	540-59-0	None	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,2-Dichloropropane	78-87-5	5	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,3,5-Trimethylbenzene	108-67-8	120 ⁿ	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,3-Dichlorobenzene	541-73-1	None	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,3-Dichloropropane	142-28-9	370 ⁿ	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	1,4-Dichlorobenzene	106-46-7	75	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	2,2-Dichloropropane	594-20-7	None	ug/L	< 2 U		< 2 U		< 2 U		< 2 U		< 2 U		< 2 U	
EPA 8260B	2-Butanone	78-93-3	5600 ⁿ	ug/L	< 5 U		< 5 U		< 5 U		< 5 U		< 5 U		< 5 U	
EPA 8260B	2-Chlorotoluene	95-49-8	240 ⁿ	ug/L	< 1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1 U	
EPA 8260B	2-Hexanone	591-78-6	38 ⁿ	ug/L	< 5 U		< 5 U		< 5 U		< 5 U		< 5 U		< 5 U	
EPA 8260B	4-Chlorotoluene	106-43-4	250 ⁿ	ug/L	< 1 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1 U	

Table 3
Trench Area Groundwater Data Summary (TA-118)
January 2018 - May 2019
Syntex Facility Superfund Site - Verona, MO

				Well ID	TA-118		TA-118		TA-118		TA-118		TA-118		TA-118	
				Quarter / Year	1Q 2018		2Q 2018		3Q 2018		4Q 2018		1Q 2019		2Q 2019	
				Sample Type	N		N		N		N		N		N	
Method	Chemical	CAS #	Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8260B	4-Methyl-2-pentanone	108-10-1	6300 ⁿ	ug/L	< 5 U		< 5 U		< 5 U		< 5 U		< 5 U		< 5 U	
EPA 8260B	Acetone	67-64-1	14000 ⁿ	ug/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
EPA 8260B	Benzene	71-43-2	5	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromobenzene	108-86-1	62 ⁿ	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromochloromethane	74-97-5	83 ⁿ	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromodichloromethane	75-27-4	80	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Bromoform	75-25-2	80	ug/L	< 0.5 U		< 2 U		< 2 U		< 2 U		< 2 U		< 2 U	
EPA 8260B	Bromomethane	74-83-9	7.5 ⁿ	ug/L	< 20 U		< 5 U		< 5 U		< 5 U		< 5 U		< 5 U	
EPA 8260B	Carbon Disulfide	75-15-0	810 ⁿ	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Carbon Tetrachloride	56-23-5	5	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Chlorobenzene	108-90-7	100	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Chlorodibromomethane	124-48-1	80	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Chloroethane	75-00-3	21000 ⁿ	ug/L	< 2 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1 U	
EPA 8260B	Chloroform	67-66-3	80	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Chloromethane	74-87-3	190 ⁿ	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	cis-1,2-Dichloroethene	156-59-2	70	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	cis-1,3-Dichloropropene	10061-01-5	0.47	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Dibromomethane	74-95-3	8.3 ⁿ	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Dichlorodifluoromethane	75-71-8	200 ⁿ	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Ethylbenzene	100-41-4	700	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Fluorotrichloromethane	75-69-4	5200 ⁿ	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Hexachlorobutadiene	87-68-3	6.5	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.6 U	
EPA 8260B	Isopropylbenzene	98-82-8	450 ⁿ	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Methylene Chloride	75-09-2	5	ug/L	< 5 U		< 1 U		< 1 U		< 1 U		< 1 U		< 1 U	
EPA 8260B	Methyl-tert-butyl-ether	1634-04-4	14 ^c	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Naphthalene	91-20-3	6.1 ^{c, a}	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.6 U	
EPA 8260B	n-Butylbenzene	104-51-8	1000 ⁿ	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	n-Propylbenzene	103-65-1	660 ⁿ	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	

Table 3
Trench Area Groundwater Data Summary (TA-118)
January 2018 - May 2019
Syntex Facility Superfund Site - Verona, MO

				Well ID	TA-118		TA-118		TA-118		TA-118		TA-118		TA-118	
				Quarter / Year	1Q 2018		2Q 2018		3Q 2018		4Q 2018		1Q 2019		2Q 2019	
				Sample Type	N		N		N		N		N		N	
Method	Chemical	CAS #	Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8260B	p-Isopropyltoluene	99-87-6	None	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	sec-Butylbenzene	135-98-8	2000 ⁿ	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Styrene	100-42-5	100	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	tert-Butylbenzene	98-06-6	690 ⁿ	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Tetrachloroethene	127-18-4	5	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Toluene	108-88-3	1000	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	trans-1,2-Dichloroethene	156-60-5	100	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	trans-1,3-Dichloropropene	10061-02-6	0.47	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Trichloroethene	79-01-6	5	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Vinyl Chloride	75-01-4	2	ug/L	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U	
EPA 8260B	Xylenes, Total	1330-20-7	10000	ug/L	< 1.5 U		< 1.5 U		< 1.5 U		< 1.5 U		< 1.5 U		< 1.5 U	
EPA 8270D	2,2'-oxybis(1-Chloropropane)	108-60-1	710 ⁿ	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2,4,6-Trichlorophenol	88-06-2	4.1 ^c	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2,4-Dichlorophenol	120-83-2	46 ⁿ	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2,4-Dimethylphenol	105-67-9	360 ⁿ	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2,4-Dinitrophenol	51-28-5	39 ⁿ	ug/L	< 2.6 U		< 2.5 U		< 2.6 U		< 2.5 U		< 2.6 U		< 2.5 U	
EPA 8270D	2,4-Dinitrotoluene	121-14-2	24 ^{c, a}	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2,6-Dinitrotoluene	606-20-2	4.9 ^{c, a}	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2-Chloronaphthalene	91-58-7	750 ⁿ	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2-Chlorophenol	95-57-8	91 ⁿ	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2-Methylnaphthalene	91-57-6	36 ⁿ	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2-Methylphenol	95-48-7	930 ⁿ	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	2-Nitroaniline	88-74-4	190 ⁿ	ug/L	< 2.6 U		< 2.5 U		< 2.6 U		< 2.5 U		< 2.6 U		< 2.5 U	
EPA 8270D	2-Nitrophenol	88-75-5	None	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	3 & 4-Methylphenol	MEPH3MEPH4	930 ⁿ	ug/L	< 2.1 U		< 2.0 U		< 2.1 U		< 2 U		< 2.1 U		< 2 U	
EPA 8270D	3,3-Dichlorobenzidine	91-94-1	13 ^{c, a}	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	3-Nitroaniline	99-09-2	None	ug/L	< 2.6 U		< 2.5 U		< 2.6 U		< 2.5 U		< 2.6 U		< 2.5 U	
EPA 8270D	4,6-Dinitro-2-methylphenol	534-52-1	1.5 ^{n, a}	ug/L	< 2.6 U		< 2.5 U		< 2.6 U		< 2.5 U		< 2.6 U		< 2.5 U	

Table 3
Trench Area Groundwater Data Summary (TA-118)
January 2018 - May 2019
Syntex Facility Superfund Site - Verona, MO

				Well ID	TA-118		TA-118		TA-118		TA-118		TA-118		TA-118	
				Quarter / Year	1Q 2018		2Q 2018		3Q 2018		4Q 2018		1Q 2019		2Q 2019	
				Sample Type	N		N		N		N		N		N	
Method	Chemical	CAS #	Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8270D	4-Bromophenyl Phenyl Ether	101-55-3	None	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	4-Chloro-3-methylphenol	59-50-7	1400 ⁿ	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	4-Chloroaniline	106-47-8	37 ^{c, a}	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	4-Chlorophenyl Phenyl Ether	7005-72-3	None	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	4-Nitroaniline	100-01-6	3.8 ^c	ug/L	< 2.6 U		< 2.5 U		< 2.6 U		< 2.5 U		< 2.6 U		< 2.5 U	
EPA 8270D	4-Nitrophenol	100-02-7	None	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Acenaphthene	83-32-9	530 ⁿ	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Acenaphthylene	208-96-8	None	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Aniline	62-53-3	13 ^c	ug/L	< 2.6 U		< 2.5 U		< 2.6 U		< 2.5 U		< 2.6 U		< 2.5 U	
EPA 8270D	Anthracene	120-12-7	1800 ⁿ	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Benzo(a)anthracene	56-55-3	1.2 ^{c, a}	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Benzo(a)pyrene	50-32-8	0.2	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Benzoic Acid	65-85-0	75000 ⁿ	ug/L	< 26 U		< 24.8 U		< 25.6 U		< 25.3 U		< 15.6 U		< 15.2 U	
EPA 8270D	bis(2-Chloroethyl)ether	111-44-4	0.014 ^c	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	bis(2-Ethylhexyl)phthalate	117-81-7	6	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Butylbenzylphthalate	85-68-7	16 ^c	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Chrysene	218-01-9	3.4 ^c	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Dibenzo(a,h)anthracene	53-70-3	0.34 ^{c, a}	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Dibenzofuran	132-64-9	7.9 ⁿ	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Diethylphthalate	84-66-2	15000 ⁿ	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Dimethylphthalate	131-11-3	None	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Di-n-butylphthalate	84-74-2	900 ⁿ	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Di-n-octylphthalate	117-84-0	200 ⁿ	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Fluoranthene	206-44-0	800 ⁿ	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Fluorene	86-73-7	290 ⁿ	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Hexachlorobenzene	118-74-1	1	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Hexachlorocyclopentadiene	77-47-4	50	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Hexachloroethane	67-72-1	6.2 ^{c, a}	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	

Table 3
Trench Area Groundwater Data Summary (TA-118)
January 2018 - May 2019
Syntex Facility Superfund Site - Verona, MO

				Well ID	TA-118		TA-118		TA-118		TA-118		TA-118		TA-118	
				Quarter / Year	1Q 2018		2Q 2018		3Q 2018		4Q 2018		1Q 2019		2Q 2019	
				Sample Type	N		N		N		N		N		N	
Method	Chemical	CAS #	Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8270D	Indeno(1,2,3-cd)pyrene	193-39-5	3.4 ^{c, a}	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Isophorone	78-59-1	78 ^c	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Nitrobenzene	98-95-3	13 ^{c, a}	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	N-Nitrosodi-n-propylamine	621-64-7	1.1 ^{c, a}	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	N-Nitrosodiphenylamine	86-30-6	12 ^c	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Pentachlorophenol	87-86-5	1	ug/L	< 2.6 U		< 2.5 U		< 2.6 U		< 2.5 U		< 2.6 U		< 2.5 U	
EPA 8270D	Phenanthrene	85-01-8	None	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Phenol	108-95-2	5800 ⁿ	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
EPA 8270D	Pyrene	129-00-0	120 ⁿ	ug/L	< 1 U		< 0.99 U		< 1.0 U		< 1 U		< 1 U		< 1 U	
SW846 8290	1,2,3,4,6,7,8-HpCDD	35822-46-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,6,7,8-HpCDF	67562-39-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8,9-HpCDF	55673-89-7	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8-HxCDD	39227-28-6	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,4,7,8-HxCDF	70648-26-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,6,7,8-HxCDD	57653-85-7	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,6,7,8-HxCDF	57117-44-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8,9-HxCDD	19408-74-3	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8,9-HxCDF	72918-21-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8-PeCDD	40321-76-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	1,2,3,7,8-PeCDF	57117-41-6	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,4,6,7,8-HxCDF	60851-34-5	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,4,7,8-PeCDF	57117-31-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	2,3,7,8-TCDF	51207-31-9	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	2,3,7,8-Tetrachlorodibenzo-p-Dioxin	1746-01-6	30	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	OCDD	3268-87-9	None	pg/L	< 100 U		140		< 100 U		< 100 U		< 100 U		< 100 U	
SW846 8290	OCDF	39001-02-0	None	pg/L	< 100 U		< 100 U		< 100 U		< 100 U		< 100 U		< 100 U	
SW846 8290	Total HpCDD	37871-00-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HpCDF	38998-75-3	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	

Table 3
Trench Area Groundwater Data Summary (TA-118)
January 2018 - May 2019
Syntex Facility Superfund Site - Verona, MO

Well ID				TA-118	TA-118	TA-118	TA-118	TA-118	TA-118	TA-118						
Quarter / Year				1Q 2018	2Q 2018	3Q 2018	4Q 2018	1Q 2019	2Q 2019	TA-118						
Sample Type				N	N	N	N	N	N	N						
Method	Chemical	CAS #	Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
SW846 8290	Total HxCDD	34465-46-8	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total HxCDF	55684-94-1	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total PeCDD	36088-22-9	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total PeCDF	30402-15-4	None	pg/L	< 50 U		< 50 U		< 50 U		< 50 U		< 50 U		< 50 U	
SW846 8290	Total TCDD	41903-57-5	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	
SW846 8290	Total TCDF	55722-27-5	None	pg/L	< 10 U		< 10 U		< 10 U		< 10 U		< 10 U		< 10 U	

Notes:

- * Project Quantitation Limit Goals are analytical goals listed solely for the purpose of evaluating laboratory analytical methods and achievable laboratory limits; these are not project-specific screening levels and are not approved by USEPA or MDNR as the appropriate risk assessment values for this project. The risk assessment values will be developed in subsequent phases of the project.
- + MCL or RSL not established
- c USEPA Tapwater Regional Screening Level (cancer)
- n USEPA Tapwater Regional Screening Level (noncancer)
- a Regional Screening Level adjusted to 10⁻⁴
- No analysis performed.
- U The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
- J The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
- J+ The result is an estimated quantity, but the result may be biased high.
- J- The result is an estimated quantity, but the result may be biased low.
- UJ The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

Abbreviations:

- < = less than
- CAS = chemical abstracts service
- FD = field duplicate
- ID = identification
- MCL = maximum contaminant level
- MDNR = Missouri Department of Natural Resources
- pg/L = picograms per liter (parts per quadrillion)
- RSL = regional screening level
- ug/L = micrograms per liter (parts per billion)
- USEPA = United States Environmental Protection Agency

Table 3
Trench Area Groundwater Data Summary (TA-119)
January 2018 - May 2019
Syntex Facility Superfund Site - Verona, MO

Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Well ID		TA-119		TA-119		TA-119		TA-119		TA-119		TA-119		
					Quarter / Year		1Q 2018		2Q 2018		3Q 2018		4Q 2018		1Q 2019		2Q 2019		
					Sample Type		N	FD	N	FD	N	FD	N	FD	N	FD	N	FD	N
Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 522	1,4-Dioxane	123-91-1	0.46 ^c	ug/L	0.72	--	--	0.85	--	0.5	--	0.33	--	0.36	--	0.25	--	--	--
EPA 604.1	Hexachlorophene	70-30-4	6 ^{n,a}	ug/L	< 10.2 U	--	--	< 10.0 U	--	< 9.9 U	--	< 9.5 U	--	< 12.7 U	--	< 9.8 U	--	--	--
EPA 8260B	1,1,1,2-Tetrachloroethane	630-20-6	0.57 ^c	ug/L	< 0.5 U	--	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	--	--
EPA 8260B	1,1,1-Trichloroethane	71-55-6	200	ug/L	< 0.5 U	--	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	--	--
EPA 8260B	1,1,2,2-Tetrachloroethane	79-34-5	7.6 ^{c,a}	ug/L	< 0.5 U	--	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	--	--
EPA 8260B	1,1,2-Trichloroethane	79-00-5	5	ug/L	< 0.5 U	--	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	--	--
EPA 8260B	1,1-Dichloroethane	75-34-3	2.8 ^c	ug/L	< 0.5 U	--	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	--	--
EPA 8260B	1,1-Dichloroethene	75-35-4	7	ug/L	< 0.5 U	--	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	--	--
EPA 8260B	1,1-Dichloropropene	563-58-6	None	ug/L	< 0.5 U	--	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	--	--
EPA 8260B	1,2,3-Trichlorobenzene	87-61-6	7 ⁿ	ug/L	< 0.5 U	--	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	--	--
EPA 8260B	1,2,3-Trichloropropane	96-18-4	0.075 ^{c,a}	ug/L	< 0.5 U	--	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	--	--
EPA 8260B	1,2,4-Trichlorobenzene	120-82-1	70	ug/L	< 0.5 U	--	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	--	--
EPA 8260B	1,2,4-Trimethylbenzene	95-63-6	15 ⁿ	ug/L	< 0.5 U	--	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	--	--
EPA 8260B	1,2-Dibromo-3-chloropropane	96-12-8	0.2	ug/L	< 2 U	--	--	< 2 U	--	< 2 U	--	< 2 U	--	< 2 U	--	< 2 U	--	--	--
EPA 8260B	1,2-Dibromoethane	106-93-4	0.05	ug/L	< 0.5 U	--	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	--	--
EPA 8260B	1,2-Dichlorobenzene	95-50-1	600	ug/L	< 0.5 U	--	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	--	--
EPA 8260B	1,2-Dichloroethane	107-06-2	5	ug/L	< 0.5 U	--	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	--	--
EPA 8260B	1,2-Dichloroethene, Total	540-59-0	None	ug/L	< 0.5 U	--	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	--	--
EPA 8260B	1,2-Dichloropropane	78-87-5	5	ug/L	< 0.5 U	--	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	--	--
EPA 8260B	1,3,5-Trimethylbenzene	108-67-8	120 ⁿ	ug/L	< 0.5 U	--	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	--	--
EPA 8260B	1,3-Dichlorobenzene	541-73-1	None	ug/L	< 0.5 U	--	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	--	--
EPA 8260B	1,3-Dichloropropane	142-28-9	370 ⁿ	ug/L	< 0.5 U	--	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	--	--
EPA 8260B	1,4-Dichlorobenzene	106-46-7	75	ug/L	< 0.5 U	--	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	--	--
EPA 8260B	2,2-Dichloropropane	594-20-7	None	ug/L	< 2 U	--	--	< 2 U	--	< 2 U	--	< 2 U	--	< 2 U	--	< 2 U	--	--	--
EPA 8260B	2-Butanone	78-93-3	5600 ⁿ	ug/L	< 5 U	--	--	< 5 U	--	< 5 U	--	< 5 U	--	< 5 U	--	< 5 U	--	--	--
EPA 8260B	2-Chlorotoluene	95-49-8	240 ⁿ	ug/L	< 1 U	--	--	< 1 U	--	< 1 U	--	< 1 U	--	< 1 U	--	< 1 U	--	--	--
EPA 8260B	2-Hexanone	591-78-6	38 ⁿ	ug/L	< 5 U	--	--	< 5 U	--	< 5 U	--	< 5 U	--	< 5 U	--	< 5 U	--	--	--
EPA 8260B	4-Chlorotoluene	106-43-4	250 ⁿ	ug/L	< 1 U	--	--	< 1 U	--	< 1 U	--	< 1 U	--	< 1 U	--	< 1 U	--	--	--
EPA 8260B	4-Methyl-2-pentanone	108-10-1	6300 ⁿ	ug/L	< 5 U	--	--	< 5 U	--	< 5 U	--	< 5 U	--	< 5 U	--	< 5 U	--	--	--
EPA 8260B	Acetone	67-64-1	14000 ⁿ	ug/L	< 10 U	--	--	< 10 U	--	< 10 U	--	< 10 U	--	< 10 U	--	< 10 U	--	--	--
EPA 8260B	Benzene	71-43-2	5	ug/L	< 0.5 U	--	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	--	--
EPA 8260B	Bromobenzene	108-86-1	62 ⁿ	ug/L	< 0.5 U	--	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	--	--
EPA 8260B	Bromochloromethane	74-97-5	83 ⁿ	ug/L	< 0.5 U	--	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	--	--
EPA 8260B	Bromodichloromethane	75-27-4	80	ug/L	< 0.5 U	--	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	--	--
EPA 8260B	Bromoform	75-25-2	80	ug/L	< 0.5 U	--	--	< 2 U	--	< 2 U	--	< 2 U	--	< 2 U	--	< 2 U	--	--	--
EPA 8260B	Bromomethane	74-83-9	7.5 ⁿ	ug/L	< 20 U	--	--	< 5 U	--	< 5 U	--	< 5 U	--	< 5 U	--	< 5 U	--	--	--
EPA 8260B	Carbon Disulfide	75-15-0	810 ⁿ	ug/L	< 0.5 U	--	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	--	--
EPA 8260B	Carbon Tetrachloride	56-23-5	5	ug/L	< 0.5 U	--	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	--	--
EPA 8260B	Chlorobenzene	108-90-7	100	ug/L	< 0.5 U	--	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	--	--
EPA 8260B	Chlorodibromomethane	124-48-1	80	ug/L	< 0.5 U	--	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	--	--
EPA 8260B	Chloroethane	75-00-3	21000 ⁿ	ug/L	< 2 U	--	--	< 1 U	--	< 1 U	--	< 1 U	--	< 1 U	--	< 1 U	--	--	--
EPA 8260B	Chloroform	67-66-3	80	ug/L	< 0.5 U	--	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	--	--
EPA 8260B	Chloromethane	74-87-3	190 ⁿ	ug/L	< 0.5 U	--	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	--	--
EPA 8260B	cis-1,2-Dichloroethene	156-59-2	70	ug/L	< 0.5 U	--	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	--	--
EPA 8260B	cis-1,3-Dichloropropene	10061-01-5	0.47	ug/L	< 0.5 U	--	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	--	--

Table 3
Trench Area Groundwater Data Summary (TA-119)
January 2018 - May 2019
Syntex Facility Superfund Site - Verona, MO

Well ID				TA-119				TA-119				TA-119				TA-119				TA-119							
Quarter / Year				1Q 2018				2Q 2018				3Q 2018				4Q 2018				1Q 2019				2Q 2019			
Sample Type				N		FD		N		FD		N		FD		N		FD		N		FD		N		FD	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	
EPA 8260B	Dibromomethane	74-95-3	8.3 ⁿ	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	Dichlorodifluoromethane	75-71-8	200 ⁿ	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	Ethylbenzene	100-41-4	700	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	Fluorotrichloromethane	75-69-4	5200 ⁿ	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	Isopropylbenzene	98-82-8	6.5	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	Methylene Chloride	75-09-2	450 ⁿ	ug/L	< 5 U		--		< 1 U		--		< 1 U		--		< 1 U		--		< 1 U		--		< 1 U		--
EPA 8260B	Methyl-tert-butyl-ether	1634-04-4	5	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	Naphthalene	91-20-3	14 ^c	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.6 U		--
EPA 8260B	n-Butylbenzene	104-51-8	6.1 ^{c, a}	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	n-Propylbenzene	103-65-1	1000 ⁿ	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	p-Isopropyltoluene	99-87-6	660 ⁿ	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	sec-Butylbenzene	135-98-8	None	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	Styrene	100-42-5	2000 ⁿ	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	tert-Butylbenzene	98-06-6	100	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	Tetrachloroethene	127-18-4	690 ⁿ	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	Toluene	108-88-3	5	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	trans-1,2-Dichloroethene	156-60-5	1000	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	trans-1,3-Dichloropropene	10061-02-6	100	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	Trichloroethene	79-01-6	0.47	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	Vinyl Chloride	75-01-4	5	ug/L	< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--		< 0.5 U		--
EPA 8260B	Xylenes, Total	1330-20-7	2	ug/L	< 1.5 U		--		< 1.5 U		--		< 1.5 U		--		< 1.5 U		--		< 1.5 U		--		< 1.5 U		--
EPA 8270D	2,2'-oxybis(1-Chloropropane)	108-60-1	10000	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U
EPA 8270D	2,4,6-Trichlorophenol	88-06-2	710 ⁿ	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U
EPA 8270D	2,4-Dichlorophenol	120-83-2	4.1 ^c	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U
EPA 8270D	2,4-Dimethylphenol	105-67-9	46 ⁿ	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U
EPA 8270D	2,4-Dinitrophenol	51-28-5	360 ⁿ	ug/L	< 2.6 U		< 2.6 U		< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 2.4 U		< 2.7 U		< 2.7 U		< 2.5 U		< 2.6 U
EPA 8270D	2,4-Dinitrotoluene	121-14-2	39 ⁿ	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U
EPA 8270D	2,6-Dinitrotoluene	606-20-2	24 ^{c, a}	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U
EPA 8270D	2-Chloronaphthalene	91-58-7	4.9 ^{c, a}	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U
EPA 8270D	2-Chlorophenol	95-57-8	750 ⁿ	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U
EPA 8270D	2-Methylnaphthalene	91-57-6	91 ⁿ	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U
EPA 8270D	2-Methylphenol	95-48-7	36 ⁿ	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U
EPA 8270D	2-Nitroaniline	88-74-4	930 ⁿ	ug/L	< 2.6 U		< 2.6 U		< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 2.4 U		< 2.7 U		< 2.7 U		< 2.5 U		< 2.6 U
EPA 8270D	2-Nitrophenol	88-75-5	190 ⁿ	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U
EPA 8270D	3 & 4-Methylphenol	MEPH3MEPH4	None	ug/L	< 2.1 U		< 2.1 U		< 2.0 U		< 2.0 U		< 2.0 U		< 2.0 U		< 2 U		< 1.9 U		< 2.2 U		< 2.1 U		< 2 U		< 2.1 U
EPA 8270D	3,3-Dichlorobenzidine	91-94-1	930 ⁿ	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U
EPA 8270D	3-Nitroaniline	99-09-2	13 ^{c, a}	ug/L	< 2.6 U		< 2.6 U		< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 2.4 U		< 2.7 U		< 2.7 U		< 2.5 U		< 2.6 U
EPA 8270D	4,6-Dinitro-2-methylphenol	534-52-1	None	ug/L	< 2.6 U		< 2.6 U		< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 2.4 U		< 2.7 U		< 2.7 U		< 2.5 U		< 2.6 U
EPA 8270D	4-Bromophenyl Phenyl Ether	101-55-3	1.5 ^{n, a}	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U
EPA 8270D	4-Chloro-3-methylphenol	59-50-7	None	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U
EPA 8270D	4-Chloroaniline	106-47-8	1400 ⁿ	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U
EPA 8270D	4-Chlorophenyl Phenyl Ether	7005-72-3	37 ^{c, a}	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U
EPA 8270D	4-Nitroaniline	100-01-6	None	ug/L	< 2.6 U		< 2.6 U		< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 2.4 U		< 2.7 U		< 2.7 U		< 2.5 U		< 2.6 U
EPA 8270D	4-Nitrophenol	100-02-7	3.8 ^c	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U
EPA 8270D	Acenaphthene	83-32-9	None	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U

Table 3
Trench Area Groundwater Data Summary (TA-119)
January 2018 - May 2019
Syntex Facility Superfund Site - Verona, MO

Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Well ID		TA-119		TA-119		TA-119		TA-119		TA-119		TA-119		TA-119		TA-119		TA-119		TA-119				
					Quarter / Year	TA-119		TA-119		TA-119		TA-119		TA-119		TA-119		TA-119		TA-119		TA-119		TA-119		TA-119		TA-119	
					Sample Type	1Q 2018		2Q 2018		3Q 2018		4Q 2018		1Q 2019		2Q 2019		1Q 2019		2Q 2019		1Q 2019		2Q 2019		1Q 2019		2Q 2019	
					N	FD	N	FD	N	FD	N	FD	N	FD	N	FD	N	FD	N	FD	N	FD	N	FD	N	FD	N	FD	
Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual
EPA 8270D	Acenaphthylene	208-96-8	530 ⁿ	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U
EPA 8270D	Aniline	62-53-3	None	ug/L	< 2.6 U		< 2.6 U		< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 2.4 U		< 2.7 U		< 2.7 U		< 2.5 U		< 2.6 U		< 2.6 U
EPA 8270D	Anthracene	120-12-7	13 ^c	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U
EPA 8270D	Benzo(a)anthracene	56-55-3	1800 ⁿ	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U
EPA 8270D	Benzo(a)pyrene	50-32-8	1.2 ^{c,a}	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U
EPA 8270D	Benzoic Acid	65-85-0	0.2	ug/L	< 26.3 U		< 25.8 U		< 24.8 U		< 25.0 U		< 25.3 U		< 24.8 U		< 24.5 U		< 24.3 U		< 16.1 U		< 16 U		< 15.2 U		< 15.5 U		< 15.5 U
EPA 8270D	bis(2-Chloroethyl)ether	111-44-4	75000 ⁿ	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U
EPA 8270D	bis(2-Ethylhexyl)phthalate	117-81-7	0.014 ^c	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U
EPA 8270D	Butylbenzylphthalate	85-68-7	6	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U
EPA 8270D	Chrysene	218-01-9	16 ^c	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U
EPA 8270D	Dibenzo(a,h)anthracene	53-70-3	3.4 ^c	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U
EPA 8270D	Dibenzofuran	132-64-9	0.34 ^{c,a}	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U
EPA 8270D	Diethylphthalate	84-66-2	7.9 ⁿ	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U
EPA 8270D	Dimethylphthalate	131-11-3	15000 ⁿ	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U
EPA 8270D	Di-n-butylphthalate	84-74-2	None	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U
EPA 8270D	Di-n-octylphthalate	117-84-0	900 ⁿ	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U
EPA 8270D	Fluoranthene	206-44-0	200 ⁿ	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U
EPA 8270D	Fluorene	86-73-7	800 ⁿ	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U
EPA 8270D	Hexachlorobenzene	118-74-1	290 ⁿ	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U
EPA 8270D	Hexachlorobutadiene	87-68-3	1	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U
EPA 8270D	Hexachlorocyclopentadiene	77-47-4	50	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U
EPA 8270D	Hexachloroethane	67-72-1	6.2 ^{c,a}	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U
EPA 8270D	Indeno(1,2,3-cd)pyrene	193-39-5	3.4 ^{c,a}	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U
EPA 8270D	Isophorone	78-59-1	78 ^c	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U
EPA 8270D	Nitrobenzene	98-95-3	13 ^{c,a}	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U
EPA 8270D	N-Nitrosodi-n-propylamine	621-64-7	1.1 ^{c,a}	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U
EPA 8270D	N-Nitrosodiphenylamine	86-30-6	12 ^c	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U
EPA 8270D	Pentachlorophenol	87-86-5	1	ug/L	< 2.6 U		< 2.6 U		< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 2.5 U		< 2.4 U		< 2.7 U		< 2.7 U		< 2.5 U		< 2.6 U		< 2.6 U
EPA 8270D	Phenanthrene	85-01-8	None	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U
EPA 8270D	Phenol	108-95-2	5800 ⁿ	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U
EPA 8270D	Pyrene	129-00-0	120 ⁿ	ug/L	< 1.1 U		< 1 U		< 0.99 U		< 1.0 U		< 1.0 U		< 0.99 U		< 0.98 U		< 0.97 U		< 1.1 U		< 1.1 U		< 1 U		< 1 U		< 1 U
SW846 8290	1,2,3,4,6,7,8-HpCDD	35822-46-9	None	pg/L	< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U
SW846 8290	1,2,3,4,6,7,8-HpCDF	67562-39-4	None	pg/L	< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U
SW846 8290	1,2,3,4,7,8,9-HpCDD	55673-89-7	None	pg/L	< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U
SW846 8290	1,2,3,4,7,8-HxCDD	39227-28-6	None	pg/L	< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U
SW846 8290	1,2,3,4,7,8-HxCDF	70648-26-9	None	pg/L	< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U
SW846 8290	1,2,3,6,7,8-HxCDD	57653-85-7	None	pg/L	< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U
SW846 8290	1,2,3,6,7,8-HxCDF	57117-44-9	None	pg/L	< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U
SW846 8290	1,2,3,7,8,9-HxCDD	19408-74-3	None	pg/L	< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U
SW846 8290	1,2,3,7,8,9-HxCDF	72918-21-9	None	pg/L	< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U
SW846 8290	1,2,3,7,8-PeCDD	40321-76-4	None	pg/L	< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U
SW846 8290	1,2,3,7,8-PeCDF	57117-41-6	None	pg/L	< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U
SW846 8290	2,3,4,6,7,8-HxCDF	60851-34-5	None	pg/L	< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U
SW846 8290	2,3,4,7,8-PeCDF	57117-31-4	None	pg/L	< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U
SW846 8290	2,3,7,8-TCDF	51207-31-9	None	pg/L	< 10 U		--		< 10 U		--		< 10 U		--		< 10 U		--		< 10 U		--		< 10 U		--		< 10 U

Table 3
Trench Area Groundwater Data Summary (TA-119)
January 2018 - May 2019
Syntex Facility Superfund Site - Verona, MO

Well ID					TA-119				TA-119				TA-119				TA-119				TA-119							
Quarter / Year					1Q 2018				2Q 2018				3Q 2018				4Q 2018				1Q 2019				2Q 2019			
Sample Type					N		FD		N		FD		N		FD		N		FD		N		FD		N		FD	
Method	Chemical	CAS #	Project Quantitation Limit Goal*	Units	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual		
SW846 8290	2,3,7,8-Tetrachlorodibenzo-p-Dioxin	1746-01-6	30	pg/L	< 10 U		--		< 10 U		--		< 10 U		--		< 10 U		--		< 10 U		--		< 10 U		--	
SW846 8290	OCDD	3268-87-9	None	pg/L	< 100 U		--		< 100 U		--		< 100 U		--		< 100 U		--		< 100 U		--		< 100 U		--	
SW846 8290	OCDF	39001-02-0	None	pg/L	< 100 U		--		< 100 U		--		< 100 U		--		< 100 U		--		< 100 U		--		< 100 U		--	
SW846 8290	Total HpCDD	37871-00-4	None	pg/L	< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--	
SW846 8290	Total HpCDF	38998-75-3	None	pg/L	< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--	
SW846 8290	Total HxCDD	34465-46-8	None	pg/L	< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--	
SW846 8290	Total HxCDF	55684-94-1	None	pg/L	< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--	
SW846 8290	Total PeCDD	36088-22-9	None	pg/L	< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--	
SW846 8290	Total PeCDF	30402-15-4	None	pg/L	< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--		< 50 U		--	
SW846 8290	Total TCDD	41903-57-5	None	pg/L	< 10 U		--		< 10 U		--		< 10 U		--		< 10 U		--		< 10 U		--		< 10 U		--	
SW846 8290	Total TCDF	55722-27-5	None	pg/L	< 10 U		--		< 10 U		--		< 10 U		--		< 10 U		--		< 10 U		--		< 10 U		--	

Notes:

- * Project Quantitation Limit Goals are analytical goals listed solely for the purpose of evaluating laboratory analytical methods and achievable laboratory limits; these are not project-specific screening levels and are not approved by USEPA or MDNR as the appropriate risk assessment values for this project. The risk assessment values will be developed in subsequent phases of the project.
- + MCL or RSL not established
- c USEPA Tapwater Regional Screening Level (cancer)
- n USEPA Tapwater Regional Screening Level (noncancer)
- a Regional Screening Level adjusted to 10⁻⁴
- No analysis performed.
- U The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
- J The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
- J+ The result is an estimated quantity, but the result may be biased high.
- J- The result is an estimated quantity, but the result may be biased low.
- UJ The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

Abbreviations:

- < = less than
- CAS = chemical abstracts service
- FD = field duplicate
- ID = identification
- MCL = maximum contaminant level
- MDNR = Missouri Department of Natural Resources
- pg/L = picograms per liter (parts per quadrillion)
- RSL = regional screening level
- ug/L = micrograms per liter (parts per billion)
- USEPA = United States Environmental Protection Agency

Table 4
Analytes Detected at the Site
January 2018 - May 2019
Syntex Facility Superfund Site - Verona, MO

Well ID	Quarter / Year	Chemical CAS #	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,4-Dioxane	2,6-Dinitrotoluene	Acetone	bis(2-Ethylhexyl)phthalate	Chlorobenzene	Chloroethane	Chloromethane	OCDD	Phenol	Trichloroethene										
		PQLG*	541-73-1	106-46-7	123-91-1	606-20-2	67-64-1	117-81-7	108-90-7	75-00-3	74-87-3	3268-87-9	108-95-2	79-01-6										
Units		None	75	0.46 ^c	4.9 ^{c,a}	14000 ⁿ	6	100	21000 ⁿ	190 ⁿ	None	5800 ⁿ	5											
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L											
Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	Result	Val Qual	
TA-111	4Q 2018																						0.73	
	1Q 2019								12															
TA-117	1Q 2018	0.177		2.15					38.5	J			1.91											
	1Q 2018					14.8																		
	1Q 2018	0.173		2.17					61.5	J			1.8											
	1Q 2018					15.5		2.1														1.6		
	1Q 2018					16.2																		
	2Q 2018			1.1		18.9	J+		34.9				1.8											
	2Q 2018			0.97		18.8			40.7				2											
	3Q 2018			0.89		15.8			10.1				2.9											
	3Q 2018			0.8		18.6			10.9				2											
	3Q 2018							1.6																
	4Q 2018			1.7		12.3			19				9.6			0.59								
	4Q 2018			1.7		12.5			15.3				9.3			0.62								
	4Q 2018							1.5																
	1Q 2019			1.1		14.2			50				1.9											
	1Q 2019			1.1		15.5			55.5				2											
2Q 2019			0.88		12.4	J-		50.4	J			1.9	1.2											
2Q 2019			1.1		12.9	J-		35	J			1.9	1.1											
2Q 2019							1.3				1.6													
TA-118	1Q 2018					0.25																		
	2Q 2018					0.25																		
	2Q 2018																	140						
	3Q 2018					0.41																		
	4Q 2018					0.49																		
	1Q 2019					0.74																		
2Q 2019					0.21																			
TA-119	1Q 2018					0.72																		
	2Q 2018					0.85																		
	3Q 2018					0.50																		
	4Q 2018					0.33																		
	1Q 2019					0.36																		
2Q 2019					0.25																			

Notes:

* Project Quantitation Limit Goals (PQLG) are analytical goals listed solely for the purpose of evaluating laboratory analytical methods and achievable laboratory limits; these are not project-specific screening levels and are not approved by USEPA or MDNR as the appropriate risk assessment values for this project. The risk assessment values will be developed in subsequent phases of the project.
 Bold values exceed PQLG
 + MCL or RSL not established
 c USEPA Tapwater Regional Screening Level (cancer)
 n USEPA Tapwater Regional Screening Level (noncancer)
 a Regional Screening Level adjusted to 10⁻⁴
 J The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
 J+ The result is an estimated quantity, but the result may be biased high.
 J- The result is an estimated quantity, but the result may be biased low.

Abbreviations:

CAS = chemical abstracts service
 FD = field duplicate
 ID = identification
 MCL = maximum contaminant level
 MDNR = Missouri Department of Natural Resources
 OCDD = Octachlorodibenzo-p-dioxin
 pg/L = picograms per liter (parts per quadrillion)
 RSL = regional screening level
 ug/L = micrograms per liter (parts per billion)
 USEPA = United States Environmental Protection Agency

Table 5

TABULATED DATA FROM SPRING RIVER SEDIMENT SAMPLING (FOTH 2017)
Syntex Facility Superfund Site, Verona, Missouri

Decision Unit			DU-5			DU-6			DU-7			DU-8		
Sample ID Date Sample Type			SED-5-18072017 7/17/2017 N			SED-6-19072017 7/19/2017 N			SED-7-19072017 7/19/2017 N			SED-8-20072017 7/19/2017 N		
Chemical	CAS#	Units	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
2,3,7,8-TCDF	51207-31-9	ng/Kg	< 1			< 1			< 1			< 1		
Total TCDF	55722-27-5	ng/Kg	< 1			< 1			< 1			< 1		
2,3,7,8-Tetrachlorodibenzo-p-Dioxin	1746-01-6	ng/Kg	< 1			< 1			< 1			< 1		
Total TCDD	41903-57-5	ng/Kg	< 1			< 1			< 1			< 1		
1,2,3,7,8-PeCDF	57117-41-6	ng/Kg	< 5			< 5			< 5			< 5		
2,3,4,7,8-PeCDF	57117-31-4	ng/Kg	< 5			< 5			< 5			< 5		
Total PeCDF	30402-15-4	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,7,8-PeCDD	40321-76-4	ng/Kg	< 5			< 5			< 5			< 5		
Total PeCDD	36088-22-9	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,4,7,8-HxCDF	70648-26-9	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,6,7,8-HxCDF	57117-44-9	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,7,8,9-HxCDF	72918-21-9	ng/Kg	< 5			< 5			< 5			< 5		
2,3,4,6,7,8-HxCDF	60851-34-5	ng/Kg	< 5			< 5			< 5			< 5		
Total HxCDF	55684-94-1	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,4,7,8-HxCDD	39227-28-6	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,6,7,8-HxCDD	57653-85-7	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,7,8,9-HxCDD	19408-74-3	ng/Kg	< 5			< 5			< 5			< 5		
Total HxCDD	34465-46-8	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,4,6,7,8-HpCDF	67562-39-4	ng/Kg	< 5			8.9			< 5			< 5		
1,2,3,4,7,8,9-HpCDF	55673-89-7	ng/Kg	< 5			< 5			< 5			< 5		
Total HpCDF	38998-75-3	ng/Kg	< 5			34			< 5			< 5		
1,2,3,4,6,7,8-HpCDD	35822-46-9	ng/Kg	< 5			65			6.6			9.7		
Total HpCDD	37871-00-4	ng/Kg	< 5			110			15			23		
OCDF	39001-02-0	ng/Kg	< 10			45			< 10			< 10		
OCDD	3268-87-9	ng/Kg	< 10			1200			200			340		

Notes:

I - Interference present.

J - Analytical result is an estimated value.

OCDD and HpCDD were detected in sediment samples from the two background DUs and most Study Area DUs at similar concentrations. These congeners are commonly found in the environment due to natural (e.g., incomplete combustion of organic material by forest fires or volcanic activity) and anthropogenic (e.g., combustion of diesel fuel) activities (ATSDR, 1998; EPA 2006). Compared to the dioxin congeners 1,2,3,4,6,7,8-HpCDD and OCDD, 2,3,7,8 TCDD (the dioxin congener commonly referred to simply as dioxin or TCDD), is approximately 100 and 3,000 times more toxic, respectively (EPA, 2010).

Table 5

**TABULATED DATA FROM SPRING RIVER SEDIMENT SAMPLING (FOTH 2017)
Syntex Facility Superfund Site, Verona, Missouri**

Decision Unit			DU-9			DU-10			DU-10			DU-11		
Sample ID Date Sample Type			SED-9-21072017 7/21/2017 N			SED-10-24072017 7/24/2017 N			SED-DUP10-24072017 7/24/2017 FD			SED-11-25072017 7/25/2017 N		
Chemical	CAS#	Units	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
2,3,7,8-TCDF	51207-31-9	ng/Kg	< 1			< 1			< 1			< 1		
Total TCDF	55722-27-5	ng/Kg	< 1			< 1			< 1			< 1		
2,3,7,8-Tetrachlorodibenzo-p-Dioxin	1746-01-6	ng/Kg	< 1			< 1			< 1			< 1		
Total TCDD	41903-57-5	ng/Kg	< 1			< 1			< 1			< 1		
1,2,3,7,8-PeCDF	57117-41-6	ng/Kg	< 5			< 5			< 5			< 5		
2,3,4,7,8-PeCDF	57117-31-4	ng/Kg	< 5			< 5			< 5			< 5		
Total PeCDF	30402-15-4	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,7,8-PeCDD	40321-76-4	ng/Kg	< 5			< 5			< 5			< 5		
Total PeCDD	36088-22-9	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,4,7,8-HxCDF	70648-26-9	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,6,7,8-HxCDF	57117-44-9	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,7,8,9-HxCDF	72918-21-9	ng/Kg	< 5			< 5			< 5			< 5		
2,3,4,6,7,8-HxCDF	60851-34-5	ng/Kg	< 5			< 5			< 5			< 5		
Total HxCDF	55684-94-1	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,4,7,8-HxCDD	39227-28-6	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,6,7,8-HxCDD	57653-85-7	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,7,8,9-HxCDD	19408-74-3	ng/Kg	< 5			< 5			< 5			< 5		
Total HxCDD	34465-46-8	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,4,6,7,8-HpCDF	67562-39-4	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,4,7,8,9-HpCDF	55673-89-7	ng/Kg	< 5			< 5			< 5			< 5		
Total HpCDF	38998-75-3	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,4,6,7,8-HpCDD	35822-46-9	ng/Kg	8.6			12			13			17		
Total HpCDD	37871-00-4	ng/Kg	19			27			29			44		
OCDF	39001-02-0	ng/Kg	< 10			< 10			< 10			< 10		
OCDD	3268-87-9	ng/Kg	260			330			310			510		

Notes:

I - Interference present.

J - Analytical result is an estimated value

OCDD and HpCDD were detected in sediment samples from the two background DUs and most Study Area DUs at similar concentrations. These congeners are commonly found in the environment due to natural (e.g., incomplete combustion of organic material by forest fires or volcanic activity) and anthropogenic (e.g., combustion of diesel fuel) activities (ATSDR, 1998; EPA 2006). Compared to the dioxin congeners 1,2,3,4,6,7,8-HpCDD and OCDD, 2,3,7,8 TCDD (the dioxin congener commonly referred to simply as dioxin or TCDD), is approximately 100 and 3,000 times more toxic, respectively (EPA, 2010).

Table 5

TABULATED DATA FROM SPRING RIVER SEDIMENT SAMPLING (FOTH 2017)
 Syntex Facility Superfund Site, Verona, Missouri

Decision Unit			DU-12			DU-13			DU-14			DU-15		
Sample ID Date Sample Type			SED-12-25072017 7/25/2017 N			SED-13-25072017 7/25/2017 N			SED-14-25072017 7/25/2017 N			SED-15-27072017 7/27/2017 N		
Chemical	CAS#	Units	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
2,3,7,8-TCDF	51207-31-9	ng/Kg	< 1			< 1			< 1			< 1		
Total TCDF	55722-27-5	ng/Kg	< 1			< 1			< 1			< 1		
2,3,7,8-Tetrachlorodibenzo-p-Dioxin	1746-01-6	ng/Kg	< 1			< 1			< 1			< 1		
Total TCDD	41903-57-5	ng/Kg	< 1			< 1			< 1			< 1		
1,2,3,7,8-PeCDF	57117-41-6	ng/Kg	< 5			< 5			< 5			< 5		
2,3,4,7,8-PeCDF	57117-31-4	ng/Kg	< 5			< 5			< 5			< 5		
Total PeCDF	30402-15-4	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,7,8-PeCDD	40321-76-4	ng/Kg	< 5			< 5			< 5			< 5		
Total PeCDD	36088-22-9	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,4,7,8-HxCDF	70648-26-9	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,6,7,8-HxCDF	57117-44-9	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,7,8,9-HxCDF	72918-21-9	ng/Kg	< 5			< 5			< 5			< 5		
2,3,4,6,7,8-HxCDF	60851-34-5	ng/Kg	< 5			< 5			< 5			< 5		
Total HxCDF	55684-94-1	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,4,7,8-HxCDD	39227-28-6	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,6,7,8-HxCDD	57653-85-7	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,7,8,9-HxCDD	19408-74-3	ng/Kg	< 5			< 5			< 5			< 5		
Total HxCDD	34465-46-8	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,4,6,7,8-HpCDF	67562-39-4	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,4,7,8,9-HpCDF	55673-89-7	ng/Kg	< 5			< 5			< 5			< 5		
Total HpCDF	38998-75-3	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,4,6,7,8-HpCDD	35822-46-9	ng/Kg	8.2			12			14			12		
Total HpCDD	37871-00-4	ng/Kg	20			34			38			44		
OCDF	39001-02-0	ng/Kg	< 10			< 10			< 10			< 10		
OCDD	3268-87-9	ng/Kg	230			410		J	530			300		

Notes:

- I - Interference present.
- J - Analytical result is an estimated value

OCDD and HpCDD were detected in sediment samples from the two background DUs and most Study Area DUs at similar concentrations. These congeners are commonly found in the environment due to natural (e.g., incomplete combustion of organic material by forest fires or volcanic activity) and anthropogenic (e.g., combustion of diesel fuel) activities (ATSDR, 1998; EPA 2006). Compared to the dioxin congeners 1,2,3,4,6,7,8-HpCDD and OCDD, 2,3,7,8 TCDD (the dioxin congener commonly referred to simply as dioxin or TCDD), is approximately 100 and 3,000 times more toxic, respectively (EPA, 2010).

Table 5

TABULATED DATA FROM SPRING RIVER SEDIMENT SAMPLING (FOTH 2017)
 Syntex Facility Superfund Site, Verona, Missouri

Decision Unit			DU-16			DU-17			DU-18			DU-19		
Sample ID Date Sample Type			SED-16-27072017 7/27/2017 N			SED-17-28072017 7/28/2017 N			SED-18-28072017 7/28/2017 N			SED-19-31072017 7/31/2017 N		
Chemical	CAS#	Units	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
2,3,7,8-TCDF	51207-31-9	ng/Kg	< 1			< 1			< 1			< 1		
Total TCDF	55722-27-5	ng/Kg	< 1			< 1			< 1			< 1		
2,3,7,8-Tetrachlorodibenzo-p-Dioxin	1746-01-6	ng/Kg	< 1			< 1			< 1			< 1		
Total TCDD	41903-57-5	ng/Kg	< 1			< 1			< 1			< 1		
1,2,3,7,8-PeCDF	57117-41-6	ng/Kg	< 5			< 5			< 5			< 5		
2,3,4,7,8-PeCDF	57117-31-4	ng/Kg	< 5			< 5			< 5			< 5		
Total PeCDF	30402-15-4	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,7,8-PeCDD	40321-76-4	ng/Kg	< 5			< 5			< 5			< 5		
Total PeCDD	36088-22-9	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,4,7,8-HxCDF	70648-26-9	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,6,7,8-HxCDF	57117-44-9	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,7,8,9-HxCDF	72918-21-9	ng/Kg	< 5			< 5			< 5			< 5		
2,3,4,6,7,8-HxCDF	60851-34-5	ng/Kg	< 5			< 5			< 5			< 5		
Total HxCDF	55684-94-1	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,4,7,8-HxCDD	39227-28-6	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,6,7,8-HxCDD	57653-85-7	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,7,8,9-HxCDD	19408-74-3	ng/Kg	< 5			< 5			< 5			< 5		
Total HxCDD	34465-46-8	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,4,6,7,8-HpCDF	67562-39-4	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,4,7,8,9-HpCDF	55673-89-7	ng/Kg	< 5			< 5			< 5			< 5		
Total HpCDF	38998-75-3	ng/Kg	< 5			< 5			< 5			5.6		
1,2,3,4,6,7,8-HpCDD	35822-46-9	ng/Kg	8.6			12			5.8	I		9.4		
Total HpCDD	37871-00-4	ng/Kg	8.6			32			21			21		
OCDF	39001-02-0	ng/Kg	< 10			< 10			< 10			< 10		
OCDD	3268-87-9	ng/Kg	210			410			200			290		

Notes:

- I - Interference present.
- J - Analytical result is an estimated value

OCDD and HpCDD were detected in sediment samples from the two background DUs and most Study Area DUs at similar concentrations. These congeners are commonly found in the environment due to natural (e.g., incomplete combustion of organic material by forest fires or volcanic activity) and anthropogenic (e.g., combustion of diesel fuel) activities (ATSDR, 1998; EPA 2006). Compared to the dioxin congeners 1,2,3,4,6,7,8-HpCDD and OCDD, 2,3,7,8 TCDD (the dioxin congener commonly referred to simply as dioxin or TCDD), is approximately 100 and 3,000 times more toxic, respectively (EPA, 2010).

Table 5

TABULATED DATA FROM SPRING RIVER SEDIMENT SAMPLING (FOTH 2017)
 Syntex Facility Superfund Site, Verona, Missouri

Decision Unit			DU-20			DU-20			DU-21			DU-22		
Sample ID			SED-20-31072017			SED-DUP20-31072017			SED-21-01082017			SED-22-01082017		
Date			7/31/2017			7/31/2017			8/1/2017			8/1/2017		
Sample Type			N			FD			N			N		
Chemical	CAS#	Units	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
2,3,7,8-TCDF	51207-31-9	ng/Kg	< 1			< 1			< 1			< 1		
Total TCDF	55722-27-5	ng/Kg	< 1			< 1			< 1			< 1		
2,3,7,8-Tetrachlorodibenzo-p-Dioxin	1746-01-6	ng/Kg	< 1			< 1			< 1			< 1		
Total TCDD	41903-57-5	ng/Kg	< 1			< 1			< 1			< 1		
1,2,3,7,8-PeCDF	57117-41-6	ng/Kg	< 5			< 5			< 5			< 5		
2,3,4,7,8-PeCDF	57117-31-4	ng/Kg	< 5			< 5			< 5			< 5		
Total PeCDF	30402-15-4	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,7,8-PeCDD	40321-76-4	ng/Kg	< 5			< 5			< 5			< 5		
Total PeCDD	36088-22-9	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,4,7,8-HxCDF	70648-26-9	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,6,7,8-HxCDF	57117-44-9	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,7,8,9-HxCDF	72918-21-9	ng/Kg	< 5			< 5			< 5			< 5		
2,3,4,6,7,8-HxCDF	60851-34-5	ng/Kg	< 5			< 5			< 5			< 5		
Total HxCDF	55684-94-1	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,4,7,8-HxCDD	39227-28-6	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,6,7,8-HxCDD	57653-85-7	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,7,8,9-HxCDD	19408-74-3	ng/Kg	< 5			< 5			< 5			< 5		
Total HxCDD	34465-46-8	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,4,6,7,8-HpCDF	67562-39-4	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,4,7,8,9-HpCDF	55673-89-7	ng/Kg	< 5			< 5			< 5			< 5		
Total HpCDF	38998-75-3	ng/Kg	< 5			< 5			< 5			< 5		
1,2,3,4,6,7,8-HpCDD	35822-46-9	ng/Kg	12			9.9			6.8			6.2		
Total HpCDD	37871-00-4	ng/Kg	31			26			17			19		
OCDF	39001-02-0	ng/Kg	< 10			< 10			< 10			< 10		
OCDD	3268-87-9	ng/Kg	480		J	340		J	240			210		

Notes:

- I - Interference present.
- J - Analytical result is an estimated value

OCDD and HpCDD were detected in sediment samples from the two background DUs and most Study Area DUs at similar concentrations. These congeners are commonly found in the environment due to natural (e.g., incomplete combustion of organic material by forest fires or volcanic activity) and anthropogenic (e.g., combustion of diesel fuel) activities (ATSDR, 1998; EPA 2006). Compared to the dioxin congeners 1,2,3,4,6,7,8-HpCDD and OCDD, 2,3,7,8 TCDD (the dioxin congener commonly referred to simply as dioxin or TCDD), is approximately 100 and 3,000 times more toxic, respectively (EPA, 2010).

Table 5

**TABULATED DATA FROM SPRING RIVER SEDIMENT SAMPLING (FOTH 2017)
Syntex Facility Superfund Site, Verona, Missouri**

Decision Unit			DU-23			Background-1	Background-1	Background-2
Sample ID Date Sample Type			SED-23-01082017 8/1/2017 N			SED-BG1-02082017 8/2/2017 N	SED-DUPBG1-02082017 8/2/2017 FD	SED-BG2-09082017 8/9/2017 N
Chemical	CAS#	Units	Result	Lab Qual	Val Qual	Result	Result	Result
2,3,7,8-TCDF	51207-31-9	ng/Kg	< 1			< 1	< 1	< 1
Total TCDF	55722-27-5	ng/Kg	< 1			< 1	< 1	< 1
2,3,7,8-Tetrachlorodibenzo-p-Dioxin	1746-01-6	ng/Kg	< 1			< 1	< 1	< 1
Total TCDD	41903-57-5	ng/Kg	< 1			< 1	< 1	< 1
1,2,3,7,8-PeCDF	57117-41-6	ng/Kg	< 5			< 5	< 5	< 5
2,3,4,7,8-PeCDF	57117-31-4	ng/Kg	< 5			< 5	< 5	< 5
Total PeCDF	30402-15-4	ng/Kg	< 5			< 5	< 5	< 5
1,2,3,7,8-PeCDD	40321-76-4	ng/Kg	< 5			< 5	< 5	< 5
Total PeCDD	36088-22-9	ng/Kg	< 5			< 5	< 5	< 5
1,2,3,4,7,8-HxCDF	70648-26-9	ng/Kg	< 5			< 5	< 5	< 5
1,2,3,6,7,8-HxCDF	57117-44-9	ng/Kg	< 5			< 5	< 5	< 5
1,2,3,7,8,9-HxCDF	72918-21-9	ng/Kg	< 5			< 5	< 5	< 5
2,3,4,6,7,8-HxCDF	60851-34-5	ng/Kg	< 5			< 5	< 5	< 5
Total HxCDF	55684-94-1	ng/Kg	< 5			< 5	< 5	< 5
1,2,3,4,7,8-HxCDD	39227-28-6	ng/Kg	< 5			< 5	< 5	< 5
1,2,3,6,7,8-HxCDD	57653-85-7	ng/Kg	< 5			< 5	< 5	< 5
1,2,3,7,8,9-HxCDD	19408-74-3	ng/Kg	< 5			< 5	< 5	< 5
Total HxCDD	34465-46-8	ng/Kg	< 5			< 5	< 5	< 5
1,2,3,4,6,7,8-HpCDF	67562-39-4	ng/Kg	< 5			< 5	< 5	< 5
1,2,3,4,7,8,9-HpCDF	55673-89-7	ng/Kg	< 5			< 5	< 5	< 5
Total HpCDF	38998-75-3	ng/Kg	< 5			< 5	< 5	< 5
1,2,3,4,6,7,8-HpCDD	35822-46-9	ng/Kg	< 5			9.6	8.2	16
Total HpCDD	37871-00-4	ng/Kg	11			33	25	30
OCDF	39001-02-0	ng/Kg	< 10			< 10	< 10	< 10
OCDD	3268-87-9	ng/Kg	190			250	270	270

Notes:

I - Interference present.

J - Analytical result is an estimated value

OCDD and HpCDD were detected in sediment samples from the two background DUs and most Study Area DUs at similar concentrations. These congeners are commonly found in the environment due to natural (e.g., incomplete combustion of organic material by forest fires or volcanic activity) and anthropogenic (e.g., combustion of diesel fuel) activities (ATSDR, 1998; EPA 2006). Compared to the dioxin congeners 1,2,3,4,6,7,8-HpCDD and OCDD, 2,3,7,8 TCDD (the dioxin congener commonly referred to simply as dioxin or TCDD), is approximately 100 and 3,000 times more toxic, respectively (EPA, 2010).

APPENDIX C
LIST OF REFERENCES

LIST OF REFERENCES

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APPENDIX D

SITE INSPECTION CHECKLIST

R7 FYR Inspection Form

Please fill out relevant information. If a section doesn't apply, you may select "N/A" and click the arrow next to the section header to minimize the information.

Site Information

Site Name	Syntex Facility Superfund Site	
Date of Inspection	10/5/2021	
Location	City: Verona, MO County: Lawrence State: MO	
Region	Region 7	
EPA ID	MOD007452154	
Agency, Office, or Company Leading Five-Year Review	EPA Region 7	
Weather/Temperature	Warm, clear, light breeze	
Remedy includes:	<input checked="" type="checkbox"/> Landfill cover/containment <input checked="" type="checkbox"/> Access controls <input checked="" type="checkbox"/> Institutional controls <input type="checkbox"/> Groundwater pump and treatment <input checked="" type="checkbox"/> Other: Groundwater monitoring	<input type="checkbox"/> Monitored national attenuation <input type="checkbox"/> Groundwater containment <input type="checkbox"/> Vertical barrier walls <input type="checkbox"/> Surface water collection and treatment
Attachments	<input checked="" type="checkbox"/> Inspection team roster attached <input checked="" type="checkbox"/> Site map attached <input type="checkbox"/> Photo log attached	

Interviews (Applicable N/A)

Fill out all that apply.

O&M Site Manager	
Name:	Problems and Suggestions:
Title:	
Date:	
Interviewed:	
<input type="checkbox"/> At site <input type="checkbox"/> At office <input type="checkbox"/> By phone Phone Number:	
<input type="checkbox"/> Report attached	

O&M Staff	
Name:	Problems and Suggestions:
Title:	
Date:	
Interviewed:	
<input type="checkbox"/> At site	

<input type="checkbox"/> At office	
<input type="checkbox"/> By phone Phone Number:	
<input type="checkbox"/> Report attached	

Local Regulatory Authorities and Response Agencies	
For example, 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 officials.	
Agency:	Problems and Suggestions:
Name:	
Title:	
Date:	
Phone Number:	
<input type="checkbox"/> Report attached	
Agency:	Problems and Suggestions:
Name:	
Title:	
Date:	
Phone Number:	
<input type="checkbox"/> Report attached	
Agency:	Problems and Suggestions:
Name:	
Title:	
Date:	
Phone Number:	
<input type="checkbox"/> Report attached	
Agency:	Problems and Suggestions:
Name:	
Title:	
Date:	
Phone Number:	
<input type="checkbox"/> Report attached	

Other Interviews (optional)
<input type="checkbox"/> Report attached

On-Site Documents and Records Verified (Applicable N/A)

O&M Documents			
<input type="checkbox"/> O&M manual	<input type="checkbox"/> Readily available	<input type="checkbox"/> Up to date	<input checked="" type="checkbox"/> N/A
<input type="checkbox"/> As-built drawings	<input type="checkbox"/> Readily available	<input type="checkbox"/> Up to date	<input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Maintenance logs	<input type="checkbox"/> Readily available	<input type="checkbox"/> Up to date	<input checked="" type="checkbox"/> N/A

Remarks:

Site-Specific Health and Safety Plan			
<input type="checkbox"/> Site-Specific Health and Safety Plan	<input checked="" type="checkbox"/> Readily available	<input checked="" type="checkbox"/> Up to date	<input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Contingency Plan/Emergency Response Plan	<input checked="" type="checkbox"/> Readily available	<input checked="" type="checkbox"/> Up to date	<input checked="" type="checkbox"/> N/A
Remarks:			

O&M and OSHA Training Records			
<input type="checkbox"/> O&M and OSHA training records	<input checked="" type="checkbox"/> Readily available	<input type="checkbox"/> Up to date	<input type="checkbox"/> N/A
Remarks:			

Permits and Service Agreements			
<input type="checkbox"/> Air discharge permit	<input type="checkbox"/> Readily available	<input type="checkbox"/> Up to date	<input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Effluent discharge	<input type="checkbox"/> Readily available	<input type="checkbox"/> Up to date	<input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Waste disposal, POTW	<input type="checkbox"/> Readily available	<input type="checkbox"/> Up to date	<input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Other permits	<input type="checkbox"/> Readily available	<input type="checkbox"/> Up to date	<input checked="" type="checkbox"/> N/A
Remarks:			

Gas Generation Records			
<input type="checkbox"/> Gas generation records	<input type="checkbox"/> Readily available	<input type="checkbox"/> Up to date	<input checked="" type="checkbox"/> N/A
Remarks:			

Settlement Monument Records			
<input type="checkbox"/> Settlement monument records	<input type="checkbox"/> Readily available	<input type="checkbox"/> Up to date	<input checked="" type="checkbox"/> N/A
Remarks:			

Groundwater Monitoring Records			
<input type="checkbox"/> Groundwater monitoring records	<input checked="" type="checkbox"/> Readily available	<input type="checkbox"/> Up to date	<input type="checkbox"/> N/A
Remarks:			

Leachate Extraction Records			
<input type="checkbox"/> Leachate extraction records	<input type="checkbox"/> Readily available	<input type="checkbox"/> Up to date	<input checked="" type="checkbox"/> N/A
Remarks:			

Discharge Compliance Records			
<input type="checkbox"/> Air	<input type="checkbox"/> Readily available	<input type="checkbox"/> Up to date	<input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Water (effluent)	<input type="checkbox"/> Readily available	<input type="checkbox"/> Up to date	<input checked="" type="checkbox"/> N/A
Remarks:			

Daily Access/Security Logs			
<input type="checkbox"/> Daily access/security logs	<input type="checkbox"/> Readily available	<input type="checkbox"/> Up to date	<input checked="" type="checkbox"/> N/A
Remarks:			

O&M Costs (Applicable N/A)

O&M Organization	
<input type="checkbox"/> State in-house	<input type="checkbox"/> Contractor for state
<input type="checkbox"/> PRP in-house	<input type="checkbox"/> Contractor for PRP
<input type="checkbox"/> Federal facility in-house	<input type="checkbox"/> Contractor for federal facility
<input checked="" type="checkbox"/> Other: Routine O&M incorporated into site characterization activities pursuant to 2016 AOC	

O&M Cost Records		
<input type="checkbox"/> Readily available	<input type="checkbox"/> Up to date	<input type="checkbox"/> Funding mechanism/agreement in place
Original O&M cost estimate:		<input type="checkbox"/> Breakdown attached
Total annual cost by year for review period, if available:		
From _____ to _____		
Total cost:		

<input type="checkbox"/> Breakdown attached	
From	to
Total cost:	
<input type="checkbox"/> Breakdown attached	
From	to
Total cost:	
<input type="checkbox"/> Breakdown attached	
From	to
Total cost:	
<input type="checkbox"/> Breakdown attached	
From	to
Total cost:	
<input type="checkbox"/> Breakdown attached	

Unanticipated or Unusually High O&M Costs During Review Period
Describe costs and reasons:

Access and Institutional Controls (Applicable N/A)

A. Fencing			
Fencing damaged	<input checked="" type="checkbox"/> Location shown on site map	<input type="checkbox"/> Gates secured	<input type="checkbox"/> N/A
Remarks: The fence at the northern boundary of the East Area/Slough Area was draped with flood debris from a May 2021 flood event and overgrown with vegetation (Photographs 80 and 81). The fence on southern boundary of Lagoon Area, behind building V-20 was overgrown with vegetation that was pushing the fence out of alignment (Photographs 39, 40, and 56).in poor condition.			

B. Other Access Restrictions		
Signs and other security measures	<input type="checkbox"/> Location shown on site map	<input type="checkbox"/> N/A
Remarks: Signs in good condition on property fencing and gates and on fences around individual units.		

C. Institutional Controls (ICs)		
Implementation and enforcement	Site conditions imply ICs not properly implemented	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A

	Site conditions imply ICs not being fully enforced		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
	Type of monitoring (e.g., self-reporting, drive-by): self-reporting Frequency: annual Responsible party/agency: BCP Ingredients		
	Contact: Shawn Thomas Title: Global EHSS Director Date: Phone number: 845-637-6042	Contact: Matthew Shaps, Esq. Title: Syntex Agribusiness, Inc. Date: Phone number:	
	Reporting is up to date	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
	Reports are verified by the lead agency	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
	Specific requirements in deed or decision documents have been met	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
	Violations have been reported	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
	Other problems or suggestions: <input type="checkbox"/> Report attached		
Adequacy	<input checked="" type="checkbox"/> ICs are adequate	<input type="checkbox"/> ICs are inadequate	<input type="checkbox"/> N/A
	Remarks:		

D. General		
Vandalism/trespassing	<input type="checkbox"/> Location shown on site map	<input type="checkbox"/> No vandalism
	Remarks:	
Land use changes on site	<input type="checkbox"/> N/A	
	Remarks: None	
Land use changes off site	<input checked="" type="checkbox"/> N/A	
	Remarks:	

General Site Conditions (Applicable N/A)

A. Roads	<input checked="" type="checkbox"/> Applicable <input type="checkbox"/> N/A		
Roads damaged	<input type="checkbox"/> Location shown on site map	<input checked="" type="checkbox"/> Roads adequate	<input type="checkbox"/> N/A
Remarks: Paved road has been laid down from Spring River crossing to Trench Area.			

B. Other Site Conditions
Remarks: N/A

Landfill Covers (Applicable N/A)

Landfill Surface (Applicable N/A)

1. Settlement (low spots)	<input checked="" type="checkbox"/> Location shown on site map		<input type="checkbox"/> Settlement not evident
	Areal extent: Approximately 10 square feet		Depth: Approximately 6 inches
	Remarks: Area of settlement in west central portion of the Burn Area.		
2. Cracks	<input checked="" type="checkbox"/> Location shown on site map		<input type="checkbox"/> Cracking not evident
	Length: Approximately 8 inches	Widths: Approximately 2 inches	Depth: Approximately 4 inches
	Remarks: Multiple minor asphalt cracks in T-1 Dike and Spill Area pavement, with minor vegetative growth in Spill Area cover cracks. Significant crack in cover of T-1 Dike cover at the northwest corner of Building V-11 (Photographs 9, 11 and 12).		
3. Erosion	<input type="checkbox"/> Location shown on site map		<input checked="" type="checkbox"/> Erosion not evident
	Areal Extent:		Depth:
	Remarks:		
4. Holes	<input checked="" type="checkbox"/> Location shown on site map		<input type="checkbox"/> Holes not evident
	Areal Extent: Approximately 1 square foot.		Depth: unknown
	Remarks: Two animal burrow holes observed in the vegetative cover of the Trench Area. (Photographs 85 and 87).		
5. Vegetative Cover	<input type="checkbox"/> Grass <input type="checkbox"/> No signs of stress <input checked="" type="checkbox"/> Cover properly established <input type="checkbox"/> Trees/shrubs (indicate size and locations on a diagram)		
	Remarks:		

6. Alternative Cover (armored rock, concrete, etc.)	<input checked="" type="checkbox"/> Applicable		<input type="checkbox"/> N/A
	Remarks: Asphalt cover in T-1 Dike and Spill Area. Refer to comments in Cracks section 2 above.		
7. Bulges	<input type="checkbox"/> Location shown on site map		<input checked="" type="checkbox"/> Bulges not evident
	Areal extent:		Height:
	Remarks:		
8. Wet Areas and Water Damage	<input type="checkbox"/> Wet areas/water damage not evident		
	<input checked="" type="checkbox"/> Wet areas	<input checked="" type="checkbox"/> Location shown on map site	Areal extent: Approximately 9,300 square feet
	<input checked="" type="checkbox"/> Ponding	<input checked="" type="checkbox"/> Location shown on map site	Areal extent: Approximately 1,300 square feet
	<input type="checkbox"/> Seeps	<input type="checkbox"/> Location shown on map site	Areal extent:
	<input type="checkbox"/> Soft subgrade	<input type="checkbox"/> Location shown on map site	Areal extent:
Remarks: Approximately 9,300 square foot area in northeastern corner of the Lagoon Area was wet. Within this area, an approximately 1,300 square foot area of ponded water was observed. According to facility representatives, the area had received significant rainfall over the previous weekend, but vegetation suggests this area is often wet or inundated (Photographs 52 and 53).			
9. Slope Instability	<input type="checkbox"/> Slides	<input type="checkbox"/> Location shown on site map	<input checked="" type="checkbox"/> No evidence of slope instability
	Areal extent:		
	Remarks:		

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	<input type="checkbox"/> Location shown on site map		<input type="checkbox"/> N/A or okay
	Remarks:		
2. Bench Breached	<input type="checkbox"/> Location shown on site map		<input type="checkbox"/> N/A or okay

	Remarks:	
3. Bench Overtopped	<input type="checkbox"/> Location shown on site map	<input type="checkbox"/> N/A or okay
	Remarks:	

Letdown Channels (Applicable N/A)

Channel lined with erosion control mats, riprap, grout bags, or gabions that descend 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	<input type="checkbox"/> Location shown on site map	<input type="checkbox"/> No evidence of settlement
	Areal extent:	Depth:
	Remarks:	
2. Material Degradation	<input type="checkbox"/> Location shown on site map	<input type="checkbox"/> No evidence of degradation
	Areal extent:	Material type:
	Remarks:	
3. Erosion	<input type="checkbox"/> Location shown on site map	<input type="checkbox"/> No evidence of erosion
	Areal extent:	Depth:
	Remarks:	
4. Undercutting	<input type="checkbox"/> Location shown on site map	<input type="checkbox"/> No evidence of undercutting
	Areal extent:	Depth:
	Remarks:	
5. Obstructions	<input type="checkbox"/> Location shown on site map	<input type="checkbox"/> No evidence of undercutting
	Type:	Areal extent:
		Size:

	Remarks:		
6. Excessive Vegetative Growth	<input type="checkbox"/> Location shown on site map	<input type="checkbox"/> No evidence of excessive growth	<input type="checkbox"/> Vegetation in channels does not obstruct flow
	Type:		Areal extent:
	Remarks:		

Cover Penetrations (Applicable N/A)

1. Gas Vents	<input type="checkbox"/> Active	<input type="checkbox"/> Passive
	<input type="checkbox"/> Properly secured/locked	<input type="checkbox"/> Functioning
	<input type="checkbox"/> Routinely sampled	<input type="checkbox"/> Good condition
	<input type="checkbox"/> Evidence of leakage at penetration	<input type="checkbox"/> Needs maintenance <input type="checkbox"/> N/A
Remarks:		
2. Gas Monitoring Probes	<input type="checkbox"/> Properly secured/locked	<input type="checkbox"/> Functioning
	<input type="checkbox"/> Routinely sampled	<input type="checkbox"/> Good condition
	<input type="checkbox"/> Evidence of leakage at penetration	<input type="checkbox"/> Needs maintenance <input type="checkbox"/> N/A
Remarks:		
3. Monitoring Wells (within surface area of landfill)	<input type="checkbox"/> Properly secured/locked	<input type="checkbox"/> Functioning
	<input type="checkbox"/> Routinely sampled	<input type="checkbox"/> Good condition
	<input type="checkbox"/> Evidence of leakage at penetration	<input type="checkbox"/> Needs maintenance <input type="checkbox"/> N/A
Remarks:		
4. Leachate Extraction Wells	<input type="checkbox"/> Properly secured/locked	<input type="checkbox"/> Functioning
	<input type="checkbox"/> Routinely sampled	<input type="checkbox"/> Good condition
	<input type="checkbox"/> Evidence of leakage at penetration	<input type="checkbox"/> Needs maintenance <input type="checkbox"/> N/A
Remarks:		
	<input type="checkbox"/> Located	<input type="checkbox"/> Routinely surveyed <input type="checkbox"/> N/A

5. Settlement Monuments	Remarks:
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Gas Collection and Treatment (Applicable N/A)

1. Gas Treatment Facilities	<input type="checkbox"/> Flaring <input type="checkbox"/> Thermal destruction <input type="checkbox"/> Collection for reuse <input type="checkbox"/> Good condition <input type="checkbox"/> Needs maintenance
	Remarks:
2. Gas Collection Wells, Manifolds and Piping	<input type="checkbox"/> Good condition <input type="checkbox"/> Needs maintenance
	Remarks:
3. Gas Monitoring Facilities (e.g., gas monitoring of adjacent homes or buildings)	<input type="checkbox"/> Good condition <input type="checkbox"/> Needs maintenance <input type="checkbox"/> N/A
	Remarks:

Cover Drainage Layer (Applicable N/A)

1. Outlet Pipes Inspected	<input type="checkbox"/> Functioning <input type="checkbox"/> N/A
	Remarks:
2. Outlet Rock Inspected	<input type="checkbox"/> Functioning <input type="checkbox"/> N/A
	Remarks:

Detention/Sedimentation Ponds (Applicable N/A)

1. Siltation	<input type="checkbox"/> Siltation not relevant	<input type="checkbox"/> N/A
	Areal extent:	Depth:
	Remarks:	
2. Erosion	<input type="checkbox"/> Erosion not relevant	<input type="checkbox"/> N/A

	Areal Extent:	Depth:
	Remarks:	
3. Outlet Works	<input type="checkbox"/> Functioning <input type="checkbox"/> N/A	
	Remarks:	
4. Dam	<input type="checkbox"/> Functioning <input type="checkbox"/> N/A	
	Remarks:	

Retaining Walls (Applicable N/A)

1. Deformations	<input type="checkbox"/> Location shown on site map		<input type="checkbox"/> Deformation not evident	
	Horizontal displacement:	Vertical displacement:	Rotational displacement:	
	Remarks:			
2. Degredation	<input type="checkbox"/> Location shown on site map		<input type="checkbox"/> Degradation not evident	
	Remarks:			

Perimeter Ditches/Off-Site Discharge (Applicable N/A)

1. Siltation	<input type="checkbox"/> Location shown on map		<input type="checkbox"/> Siltation not relevant	
	Areal extent:		Depth:	
	Remarks:			
2. Excessive Vegetative Growth	<input type="checkbox"/> Location shown on site map	<input type="checkbox"/> N/A		<input type="checkbox"/> Vegetation does not impede flow
	Type:		Areal extent:	

	Remarks:	
3. Erosion	<input type="checkbox"/> Location shown on map	<input type="checkbox"/> Erosion not relevant
	Areal Extent:	Depth:
	Remarks:	
4. Discharge Structure	<input type="checkbox"/> Functioning <input type="checkbox"/> N/A	
	Remarks:	

Vertical Barrier Walls (Applicable N/A)

1. Settlement	<input type="checkbox"/> Location shown on map	<input type="checkbox"/> Settlement not relevant	
	Areal extent:	Depth:	
	Remarks:		
2. Performance Monitoring	<input type="checkbox"/> Performance not monitored	<input type="checkbox"/> Evidence of breaching	
	Type of monitoring:	Frequency:	Head differential:
	Remarks:		

Groundwater/Surface Water Remedies (Applicable N/A)

Groundwater Extraction Wells, Pumps, and Pipelines (Applicable N/A)

Pumps, Wellhead Plumbing, and Electrical			
<input type="checkbox"/> Good condition	<input type="checkbox"/> All required wells properly operating	<input type="checkbox"/> Needs maintenance	<input type="checkbox"/> N/A

Remarks	
---------	--

Extraction System Pipelines, Valves, Valve Boxes, and Other Appurtenances	
<input type="checkbox"/> Good condition	<input type="checkbox"/> Needs maintenance
Remarks	

Spare Parts and Equipment			
<input type="checkbox"/> Readily available	<input type="checkbox"/> Good condition	<input type="checkbox"/> Requires upgrade	<input type="checkbox"/> Needs to be provided
Remarks			

Surface Water Collection Structures, Pumps, and Pipelines (Applicable N/A)

Collection Structures, Pumps, and Electrical	
<input type="checkbox"/> Good condition	<input type="checkbox"/> Needs maintenance
Remarks	

Surface Water Collection System Pipelines, Valves, Valve Boxes, and Other Appurtenances	
<input type="checkbox"/> Good condition	<input type="checkbox"/> Needs maintenance
Remarks	

Spare Parts and Equipment			
<input type="checkbox"/> Readily available	<input type="checkbox"/> Good condition	<input type="checkbox"/> Requires upgrade	<input type="checkbox"/> Needs to be provided
Remarks			

Treatment System (Applicable N/A)

1. Treatment Train	<input type="checkbox"/> Metals removed <input type="checkbox"/> Oil/water separation <input type="checkbox"/> Bioremediation <input type="checkbox"/> Air stripping <input type="checkbox"/> Carbon adsorbers <input type="checkbox"/> Filters: <input type="checkbox"/> Additive (e.g., chelation agent, flocculent): <input type="checkbox"/> Others: <input type="checkbox"/> Good condition <input type="checkbox"/> Needs maintenance <input type="checkbox"/> Sampling ports properly marked and functional <input type="checkbox"/> Sampling/maintenance log displayed and up to date <input type="checkbox"/> Equipment properly identified <input type="checkbox"/> Quantity of groundwater treated annually: <input type="checkbox"/> Quantity of surface water treated annually:		
	Remarks:		
2. Electrical Enclosures and Panels (properly rated and functional)	<input type="checkbox"/> N/A	<input type="checkbox"/> Good Condition	<input type="checkbox"/> Needs Maintenance
	Remarks:		
3. Tanks, Vaults, Storage Vessels	<input type="checkbox"/> N/A	<input type="checkbox"/> Good Condition	
	<input type="checkbox"/> Proper secondary containment	<input type="checkbox"/> Needs Maintenance	
	Remarks:		
4. Discharge Structure and Appurtenances	<input type="checkbox"/> N/A	<input type="checkbox"/> Good Condition	<input type="checkbox"/> Needs Maintenance
	Remarks:		
5. Treatment Building(s)	<input type="checkbox"/> N/A	<input type="checkbox"/> Good Condition (esp. roof and doorways)	
	<input type="checkbox"/> Chemicals and equipment properly stored	<input type="checkbox"/> Needs Repair	

	Remarks:	
6. Monitoring Wells (pump and treatment remedy)	<input type="checkbox"/> Properly secured/locked <input type="checkbox"/> Routinely sampled <input type="checkbox"/> All required wells located	<input type="checkbox"/> Functioning <input type="checkbox"/> Good condition <input type="checkbox"/> Needs Maintenance <input type="checkbox"/> N/A
	Remarks:	

Monitoring Data (Applicable N/A)

1. Monitoring Data	<input checked="" type="checkbox"/> Is routinely submitted on time	<input checked="" type="checkbox"/> Is of acceptable quality
2. Monitoring data suggests:	<input type="checkbox"/> Groundwater plume is effectively contained	<input type="checkbox"/> Contaminant concentrations are declining

Monitored Natural Attenuation (Applicable N/A)

1. Monitoring Wells (natural attenuation remedy)	<input type="checkbox"/> Properly secured/locked <input type="checkbox"/> Routinely sampled <input type="checkbox"/> All required wells located	<input type="checkbox"/> Functioning <input type="checkbox"/> Good condition <input type="checkbox"/> Needs Maintenance <input type="checkbox"/> N/A
	Remarks:	

Other Remedies (Applicable N/A)

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.

Overall Observations

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 emissions, etc.).

The Remedial Action Report for OU 1 documented the completion of the remedial action in a manner that was consistent with the 1988 ROD (EPA, 1998b). The remedial action included excavation and incineration of certain dioxin-contaminated soils, dismantling and cleaning of equipment, establishment and maintenance of vegetative covers, and installation of a cap and vegetative cover at the Trench Area, as well as installation of a gravel drainage-interception trench upgradient of the Trench Area. This inspection finds that the vegetative covers are being maintained. However, there was a large area within the Lagoon Area where the vegetation appeared to be stressed due to wet conditions caused by poor drainage; and a smaller area within the large area where ponded water was observed. There was a small, depressed area within the Burn Area. There were two animal burrows in the Trench Area.

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.

O&M procedures are intended to maintain the vegetation in various subareas, as well as across the East Area, to prevent erosion of surface soil. O&M procedures are also intended to ensure proper drainage from subareas and to maintain the Trench Area cap and vegetative cover. There is currently no formal O&M Manual or O&M Plan for OU 1. However, O&M is currently being conducted pursuant to the 1983 Order. The lack of formal O&M procedures has been identified as an issue in the Five-Year Review report. Site records do indicate that O&M has been performed routinely since the last Five-Year Review. As documented in this Five-Year Review inspection, there are several O&M issues that will need to be addressed: preparation and submittal of a formal O&M Manual and O&M Plan; repair cracks in the asphalt cover at the T-1 dike and Spill Area; perform fill and grading to address the depression in the Burn Area and ponding in the Lagoon Area; address animal burrows in the Trench Area cap.

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.

No early indicators of potential remedy problems were observed.

Opportunities for Optimization

Describe possible opportunities for optimization in monitoring tasks or the operation of the remedy.



There were no opportunities for optimization of monitoring tasks or operation of the remedy that were identified during the Five Year Review inspection.

APPENDIX E
SITE INSPECTION PHOTOS

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO



Prepared by: Tetra Tech Superfund Technical
Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
		
1	SW	From the parking lot, view of new fence surrounding the BCP property and the eastern end of the flood control berm.
		
2	NW	View of the T-1 Dike area, with Building V-25 in the background. The arrow shows the southern boundary marker for the area.

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO

Prepared by: Tetra Tech Superfund Technical
Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
		
3	N	View of the T-1 Dike area, with a shallow crack visible in the asphalt. The arrow shows the southern boundary marker for the area.
		
4	N	View of the shallow crack shown in Photograph 3.

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO


Prepared by: Tetra Tech Superfund Technical Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
5	W	
		View of the T-1 Dike area, with Building V-25 in the background. The arrow shows the southern boundary marker for the area.
6	E	
		View of the T-1 Dike area, with repairs to the asphalt. The arrow shows the southern boundary marker for the area.

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO



Prepared by: Tetra Tech Superfund Technical Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
		
7	NE	View of the T-1 Dike area, with Building V-11 in the background. The arrow shows the northeastern corner of the boundary marker for the area. The photograph shows a low spot in the asphalt cover where water from a rain event on October 2 had pooled.
		
8	W	View of the T-1 Dike area, with shallow cracks visible in the asphalt.

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO



Prepared by: Tetra Tech Superfund Technical Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
		
9	E	View of the T-1 Dike area, with Building V-11 at right. The line painted on the asphalt is the boundary marker for the area.
		
10	E	View of the T-1 Dike area, with shallow cracks visible in the asphalt in the area shown in Photograph 9.

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO

Prepared by: Tetra Tech Superfund Technical Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
		
11	S	View of the T-1 Dike area, with shallow cracks visible in the asphalt and Building V-11 in the background.
		
12	SE	View of a crack in the asphalt of the T-1 Dike area at the northwestern corner of Building V-11 and the white painted line showing the boundary marker for the area. This crack can also be seen in Photograph 11.

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO

Prepared by: Tetra Tech Superfund Technical Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
		
13	SW	View of the Irrigation Area.
		
14	W	View of the fence along the northern boundary of the Irrigation Area.

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO



Prepared by: Tetra Tech Superfund Technical Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
		
15	S	View of signage on the northern boundary of the Irrigation Area.
		
16	SE	View of signage and fencing along the western boundary of the Irrigation Area.

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO



Prepared by: Tetra Tech Superfund Technical Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
		
17	NE	View of signage and fencing along the southern boundary of the Irrigation Area. The signage and fence along the eastern boundary is visible in the background.
		
18	NE	View of a storm drain immediately south of the Irrigation Area.

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO

Prepared by: Tetra Tech Superfund Technical
Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
		
19	N	View of the Irrigation Area.
		
20	S	View of the Irrigation Area.

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO

Prepared by: Tetra Tech Superfund Technical Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
21	SE	View of the Spill Area with Building V-25 at right.
22	E	View of the Spill Area.



Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO

Prepared by: Tetra Tech Superfund Technical Assessment and Response Team (START)
Photographer: Heather Wood



Photo #	Direction	Description
23	NE	View of the Spill Area. The arrow shows the western boundary marker for the area.
24	S	View of the Spill Area. The arrow shows the western boundary marker for the area.



Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO

Prepared by: Tetra Tech Superfund Technical
 Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
		
25	SE	View of the Spill Area, with shallow cracks visible in the asphalt.
		
26	E	View of the Spill Area, with shallow cracks visible in the asphalt.

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO

Prepared by: Tetra Tech Superfund Technical Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
		
27	NE	View of the Spill Area, with shallow cracks and vegetation growth visible in the asphalt.
		
28	N	View of the Spill Area, with shallow cracks visible in the asphalt.

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO



Prepared by: Tetra Tech Superfund Technical Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
		
29	N	View of the Spill Area, with shallow cracks and vegetation growth visible in the asphalt.
		
30	N	View of the Spill Area, with cracks and vegetation growth visible in the asphalt.

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO



Prepared by: Tetra Tech Superfund Technical
Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
		
31	NE	View of the Spill Area, with shallow cracks visible in the asphalt.
		
32	N	View of the Spill Area, with staining visible in the asphalt. The concrete wall is the secondary containment cell shown in Photograph 33.

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO

Prepared by: Tetra Tech Superfund Technical
Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
		
33	N	View of an unused secondary containment cell north of the Spill Area. The water is from a rain event on October 2. The cell appears to be leaking, as shown in Photograph 32.
		
34	N	View of the Spill Area, with shallow cracks visible in the asphalt.

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO

Prepared by: Tetra Tech Superfund Technical
Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
		
35	N	View of the Spill Area, with shallow cracks and vegetation growth visible in the asphalt.
		
36	N	View of the Spill Area, with shallow cracks visible in the asphalt.

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO



Prepared by: Tetra Tech Superfund Technical
Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
		
37	E	View of the Spill Area, with shallow cracks and vegetation growth visible in the asphalt.
		
38	N	View of the Lagoon Area, with the fence and signage along the southern boundary.

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO

Prepared by: Tetra Tech Superfund Technical Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
		
39	E	View of the one-wire fence that forms the northern boundary of the Lagoon Area, with Building V-20 at right.
		
40	E	View of the one-wire fence that forms the northern boundary of the Lagoon Area, with Building V-20 at right.

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO

Prepared by: Tetra Tech Superfund Technical Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
41	NW	View of the Lagoon Area, with the fence and signage along the southern boundary.
42	NW	View of the Lagoon Area, with the fence and signage along the southern boundary.



Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO

Prepared by: Tetra Tech Superfund Technical Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
		
43	NW	View of the Lagoon Area, with the fence and signage along the southern boundary.
		
44	W	View of a surface water drainage along the southern edge of the Lagoon Area. Building V-20 is visible in the background.

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO



Prepared by: Tetra Tech Superfund Technical
Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
		
45	NW	View of the Lagoon Area.
		
46	W	View of the Lagoon Area, with the fence and signage along the eastern boundary.

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO

Prepared by: Tetra Tech Superfund Technical Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
		
47	W	View of the Lagoon Area, with the fence and signage along the eastern boundary.
		
48	NE	View of the Lagoon Area, with the fence and signage along the southern boundary.

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO

Prepared by: Tetra Tech Superfund Technical Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
49	SE	View of the point where the surface drainage leaves the Lagoon Area and flows under the road.
50	N	View of the surface drainage the runs north-south in the eastern portion of the Lagoon Area.



Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO



Prepared by: Tetra Tech Superfund Technical Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
		
51	S	View of the surface drainage the runs north-south in the eastern portion of the Lagoon Area.
		
52	N	View of an area of standing water in the eastern portion of the Lagoon Area. The area received substantial rain on October 2, but the vegetation suggests that the area regularly holds water.

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO

Prepared by: Tetra Tech Superfund Technical Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
		
53	NE	View of an area of standing water in the eastern portion of the Lagoon Area. The area received substantial rain on October 2, but the vegetation suggests that the area regularly holds water.
		
54	W	View of the new property boundary fence along the northern boundary of the Lagoon Area.

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO

Prepared by: Tetra Tech Superfund Technical
Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
		
55	SW	View of the Lagoon Area.
		
56	S	View across the fence to vegetation growth and Building V-20 just south of the Lagoon Area.

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO

Prepared by: Tetra Tech Superfund Technical Assessment and Response Team (START)
Photographer: Heather Wood



Photo #	Direction	Description
57	NW	View of the load out area of the large aboveground storage tank (AST) just west of the Lagoon Area.
58	NE	View of the Lagoon Area, with the AST at left.



Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO



Prepared by: Tetra Tech Superfund Technical
Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
		
59	SE	View of the Lagoon Area.
		
60	W	View of the AST west of the Lagoon Area.

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO



Prepared by: Tetra Tech Superfund Technical
 Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
		
61	E	View of the AST west of the Lagoon Area.
		
62	E	View of the AST west of the Lagoon Area.

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO



Prepared by: Tetra Tech Superfund Technical Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
		
63	SW	View of the new property boundary fence along with western boundary of the BCP property
		
64	W	View of a drain and hose in the loadout area for the AST, also visible in Photograph 57.

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO

Prepared by: Tetra Tech Superfund Technical Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
		
65	W	View of the flood control berm and the southern BCP property boundary fence from the parking lot.
		
66	S	View of the Burn Area, with the fence and signage along its northern boundary.

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO

Prepared by: Tetra Tech Superfund Technical Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
		
67	E	View of the Burn Area, with the fence and signage along its northern boundary.
		
68	NE	View of a low spot in the vegetative cover of the Burn Area.

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO

Prepared by: Tetra Tech Superfund Technical Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
		
69	NE	View of the low spot in the vegetative cover of the Burn Area shown in Photograph 68.
		
70	S	View of a low spot in the vegetative cover of the Burn Area.

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO


Prepared by: Tetra Tech Superfund Technical Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
		
71	N	View of the Burn Area, with the fence and signage along its southern boundary.
		
72	S	View of the Burn Area.

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO



Prepared by: Tetra Tech Superfund Technical Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
		
73	NE	View of the pond at the southern end of the Slough Area.
		
74	SE	View of the storm water outfall from the BCP property and the pond at the southern end of the Slough Area.

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO

Prepared by: Tetra Tech Superfund Technical Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
		
75	W	View of the storm water outfall from the BCP property and the pond at the southern end of the Slough Area.
		
76	S	View of surface water drainage in the central portion of the Slough Area.

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO

Prepared by: Tetra Tech Superfund Technical Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
		
77	N	View of surface water drainage in the central portion of the Slough Area.
		
78	SE	View of surface water drainage in the central portion of the Slough Area. According to BCP facility representatives, this is the point where groundwater discharge to the stream allows for perennial flow.

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO

Prepared by: Tetra Tech Superfund Technical
 Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
		
79	NE	View of vegetation along the Slough Area.
		
80	NE	View of the fence at the northern end of the Slough Area. Debris from a May 2021 flooding event is visible draped on the fence.

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO

Prepared by: Tetra Tech Superfund Technical Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
		
81	W	View of the fence at the northern end of the Slough Area. Vegetation has grown up to obscure the fence.
		
82	NW	View of the gate at the southeastern boundary of the Trench Area.

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO



Prepared by: Tetra Tech Superfund Technical
Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
		
83	N	View of the survey marker (arrow) at the eastern corner of the Trench Area fence.
		
84	N	This photograph was taken inadvertently.

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO

Prepared by: Tetra Tech Superfund Technical
 Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
		
85	S	View of an animal burrow in the northwestern end of the Trench Area.
		
86	W	View of the Trench Area fence, with the property boundary fence and the adjacent property owners hunting blind beyond.

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO

Prepared by: Tetra Tech Superfund Technical
Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
		
87	NE	View of an animal burrow adjacent to the southeastern gate of the Trench Area.
		
88	E	View of monitoring well MW-12R, just east of the Trench Area.

Photographic Documentation

Client: U.S. EPA Region 7
Site Name: Syntex Facility Superfund Site, MOD007452154
Location: Verona, MO

Prepared by: Tetra Tech Superfund Technical
Assessment and Response Team (START)
Photographer: Heather Wood

Photo #	Direction	Description
		
89	SW	View of monitoring well MW-12R.

APPENDIX F
ENVIRONMENTAL COVENANTS



Doc ID: 002178900028 Type: LAN
Kind: MISCELLANEOUS
Recorded: 01/09/2019 at 08:14:29 AM
Fee Amt: \$105.00 Page 1 of 28
Lawrence County Recorder
Gary Emerson Recorder of Deeds
File# 2019-00000088

BK **455** PG **88**

*Spencer Fane
105.00 pd*

(ABOVE SPACE RESERVED FOR RECORDER'S USE)

Document Title: Environmental Covenant

Document Date: December 28, 2018

Grantor: BCP Ingredients, Inc.
299 Extension Street
Verona, Missouri 65769

Grantee: Lawrence County Commission
1 East Courthouse Square
Mt. Vernon, Missouri 65712
Attn: Presiding Commissioner

Departments: Missouri Department of Natural Resources
P.O. Box 176, 1101 Riverside Drive
Jefferson City, Missouri 65102

United States Environmental Protection Agency – Region VII
11201 Renner Blvd.
Lenexa, Kansas 66219

Legal Description: See attached Exhibit B

ENVIRONMENTAL COVENANT

This Environmental Covenant (“Covenant”) is entered into by and between the Grantor, BCP Ingredients, Inc. (“Owner”), the Grantee, Lawrence County Commission (“Holder”), the Missouri Department of Natural Resources (“MDNR”), and the United States Environmental Protection Agency (“EPA”) (together, MDNR and EPA shall be referred to as the “Departments,” or may be referred to generically as a “Department” when a provision could apply to either) pursuant to the Missouri Environmental Covenants Act, Sections 260.1000 through 260.1039, RSMo. Owner, Holder, and the Departments may collectively be referred to as the “Parties” herein.

RECITALS

WHEREAS, Owner is the owner in fee simple of certain real property commonly known and numbered as 299 Extension Street, Verona, Lawrence County, Missouri, shown on the site map attached hereto as Exhibit A, and legally described as:

See attached Exhibit B (the “Property”);

WHEREAS, the Property is situated in Lawrence County, Missouri.

WHEREAS, Owner desires to grant to the Holder this Covenant for the purpose of subjecting the Property to certain activity and use limitations as provided in the Missouri Environmental Covenants Act.

WHEREAS, the MDNR and EPA each enter into this Covenant as a “Department” pursuant to the Missouri Environmental Covenants Act, Sections 260.1000 through 260.1039 RSMo, with all the attendant rights of a “Department” under such Act, which include, but are not limited to, having a right to enforce this Covenant.

WHEREAS, Holder enters into this Covenant as a “Holder” pursuant to the Missouri Environmental Covenants Act, with all the attendant rights of a “Holder” under such Act, which include, but are not limited to, acquiring an interest in the Property and a right to enforce this Covenant.

WHEREAS, Syntex Agribusiness, Inc. (“Syntex”) has agreed to conduct on the Property a supplemental environmental investigation and a remedy protectiveness review, which separately and together constitute an “environmental response project” (as defined in the Missouri Environmental Covenants Act) on the Property, pursuant to an Administrative Settlement Agreement and Order on Consent for Investigations (“AOC”) entered among EPA, the State of Missouri, and Syntex with an effective date of September 6, 2016, United States Environmental Protection Agency Region VII Docket No. CERCLA-07-2016-0008.

WHEREAS, the environmental response project to be conducted at the Property will include the activities set forth in the AOC and associated technical work plans.

WHEREAS, it is anticipated that certain contaminants of concern will remain on the Property above levels that allow for the unrestricted use of the Property.

Environmental Covenant

Page 3 of 14

WHEREAS, for purposes of the environmental response project described above, and for purposes of responding to any requests or acting on any submittals made under this Covenant, EPA shall be the "Lead Agency" and MDNR shall be the "Support Agency" as specified below. The Departments intend that the Lead Agency will provide reasonable opportunities for consultation with the Support Agency as described below, and that the Support Agency will provide input, if any, to the Lead Agency within reasonable timeframes and as appropriate under the circumstances. If MDNR and EPA subsequently agree to change such roles, then the Lead Agency shall so notify the current Owner/Transferee and the Holder, with a copy to the Support Agency.

NOW THEREFORE, Owner, Holder, and the Departments agree to the following:

1. Parties.

The Owner, Holder, and the Departments are parties to this Covenant, and may enforce it as provided in Section 260.1030, RSMo.

2. Activity and Use Limitations.

Owner hereby subjects the Property to, and agrees to comply with, the following activity and use limitations:

A. Soil on the Property shall not be excavated or disturbed in any manner ("disturbance") except as follows:

i). The soils in the area of the Property to be subjected to such disturbance shall be sampled in advance in a representative manner and characterized using appropriate sampling and analytical methodologies for:

a) 2,3,7,8-Tetrachlorodibenzo-p-dioxin ("TCDD"), polychlorinated dibenzo-p-dioxins, and polychlorinated dibenzofurans all as specified in attached Exhibit D, using dioxin toxicity equivalence factors ("TEFs") to calculate the dioxin toxicity equivalence ("TEQ") for each sample, expressed in terms of TCDD toxicity; and

b) Polychlorinated biphenyls ("PCBs") if the disturbance is to occur in the area of a historic PCB spill and remediation at the Property that is designated on attached Exhibit C;

and assessed for potential human health risks associated with worker exposures. Any excavated soil shall be managed (including but not limited to, stored, handled, or disposed) in accordance with applicable requirements and in accordance with a written plan stating how such excavated soils will be managed;

ii). Owner/Transferee shall submit the information described in paragraph 2.A.i of this Covenant, along with any other information

regarding the scope and details of the proposed activities reasonably required by the Departments to review the planned disturbance (including but not limited to, any additional constituent or other analyses the Departments may reasonably require), to the Departments at least 30 days before the soil disturbance activities are to begin, along with a request to engage in such activities, and shall obtain written approvals from the Departments before commencing such activities. The Lead Agency (after a reasonable opportunity for consultation with the Support Agency) may deny the request to disturb the soils or may require of Owner/Transferee specific protective or remedial actions before allowing such soil disturbance activities to occur.

iii). Soil may be disturbed if necessary during an emergency (such as water or gas main break, fire, explosion or natural disaster), in which case the Owner/Transferee shall ensure that notification is provided to the Departments and Holder verbally and in writing as soon as practicable, but no later than 48 hours after the disturbance begins. Any soil disturbed as part of an emergency response action shall be staged and managed in accordance with applicable requirements and shall be returned to its original location and depth, or properly characterized (including but not limited to, any additional constituent or other analyses the Departments may reasonably require), managed and disposed of, in accordance with all applicable local, state, and federal requirements. Within 30 days after such emergency has been abated, the Owner/Transferee shall provide a written report to the Departments describing such emergency and any response actions.

B. In addition to any applicable state or local well use restrictions, the following restrictions shall apply to the Property:

i). Groundwater from the Property shall not be consumed or otherwise used for any purpose, except for the collection of groundwater samples for environmental analysis or (when first approved by the Lead Agency) collection or treatment of groundwater for remedial purposes.

ii). Installation of any new groundwater wells on the Property or other artificial penetration of any groundwater-bearing unit(s) is prohibited, except for wells to be used for investigative, monitoring and/or remediation purposes installed in accordance with a work plan approved by the Lead Agency (after a reasonable opportunity for consultation with the Support Agency).

C. Groundwater from Empire Well No. 3 (as shown on Exhibit F) shall not be used for any purpose. Within 180 days following the execution of this Covenant, Owner shall permanently close Empire Well No. 3 in accordance with all applicable local, state, and federal regulations.

D. Soil surfaces in certain areas of the Property within the existing flood berm that are in regular use as part of the operating portion of the facility, as shown in attached Exhibit E, shall be covered with asphalt or concrete and shall be well maintained to prevent cracks, breaks and potholing. Similar requirements shall apply to areas of the Property within the existing flood berm that in the future are put into use as part of the operating portion of the facility, including but not limited to manufacturing operations, material handling and storage, and motor vehicle traffic.

E. If any person desires in the future to use the Property for any purpose or in any manner that is prohibited by this Covenant, the Departments and the Holder must be notified in advance so that a Modification, Temporary Deviation, or Termination request can be considered as described below. Further analyses and/or response actions may be required prior to any such use.

3. Running with the Land.

This Covenant shall be binding upon Owner and Owner's heirs, successors, assigns, and other transferees in interest (collectively referred to as "Transferees") during their period of ownership (except that the obligation described below in paragraph 17 to re-direct any mis-directed communication shall continue beyond an Owner/Transferee's period of ownership) and shall run with the land, as provided in Section 260.1012, RSMo, subject to amendment or termination as set forth herein. The term "Transferee(s)," as used in this Covenant, shall mean any future owner of any interest in the Property or any portion thereof, including, but not limited to, owners of an interest in fee simple, mortgagees (subject to applicable lender liability protections prescribed by law), easement holders, and/or lessees.

4. Location of Files and Records.

Records of this environmental response project for the Property are currently located in EPA's offices in Lenexa, Kansas, and in MDNR's offices in Jefferson City, Missouri. Information regarding the environmental response project may be obtained from the Departments by making a request to EPA pursuant to the United States Freedom of Information Act, 5 U.S.C. § 552, and/or to MDNR pursuant to the Missouri "Sunshine Law", Chapter 610, RSMo, by referencing the Site identification name of Syntex Facility Superfund Site, Verona, Missouri.

5. Enforcement.

Compliance with this Covenant may be enforced as provided in Section 260.1030, RSMo. Failure to timely enforce compliance with this Covenant or the activity and use limitations contained herein by any party shall not bar subsequent enforcement by such party and shall not be deemed a waiver of the party's right to take action to enforce any non-compliance. Nothing in this Covenant shall restrict any person from exercising any authority or rights under any other applicable law.

In addition to or in lieu of any other remedy authorized by law, prior to taking legal action to enforce this Covenant, a Department may require Owner/Transferee to submit a plan to investigate and/or correct any alleged violation of this Covenant, in which case such Department shall provide written notification to the other Department and the Holder. If such Owner/Transferee fails to act within the required timeframe or if a Department finds a proposed remedy unacceptable, that Department may pursue any remedy authorized by law. In such event, such Department shall provide written notification to the other Department and the Holder prior to or contemporaneously with any legal action taken to enforce this Covenant.

6. Right of Access.

Owner, on behalf of itself and any Transferees, hereby grants to the Holder and the Departments and their respectively authorized agents, contractors, and employees, the right to access the Property at all reasonable times for implementation, monitoring, inspection, or enforcement of this Covenant and the related environmental response project. Nothing herein shall be deemed to limit or otherwise impede a Department's rights of access and entry under federal or state law or other agreement.

7. Compliance Reporting.

Owner/Transferee shall submit to Holder and the Departments, by no later than January 31st of each year, documentation verifying that the activity and use limitations imposed hereby were in place and complied with during the preceding calendar year. The Compliance Report shall include the following statement, signed by Owner/Transferee:

I certify that to the best of my knowledge, after thorough evaluation of appropriate facts and information, the information contained in or accompanying this submission is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

In the event that an Owner, Transferee, or Holder becomes aware of any noncompliance with the activity and use limitations described in paragraph 2 above, such person or entity shall notify all other Parties to this Covenant in writing as soon as possible, but no later than ten (10) business days thereafter.

8. Additional Rights.

None Specified

9. Notice upon Conveyance.

Each instrument hereafter conveying any interest in the Property or any portion of the Property shall contain a notice of the activity and use limitations set forth in this Covenant, and provide the recording reference for this Covenant. The notice shall be substantially in the following form:

THE INTEREST CONVEYED HEREBY IS SUBJECT TO AN ENVIRONMENTAL COVENANT, DATED _____, 20__, RECORDED IN THE OFFICE OF THE RECORDER OF DEEDS OF LAWRENCE COUNTY, MISSOURI ON _____, 20__, AS DOCUMENT ____, BOOK ____, PAGE ____.

Owner/Transferee shall notify Holder and the Departments within ten (10) days following each conveyance of an interest in any portion of the Property. The notice shall include the name, address, and telephone number of the Transferee, and a copy of the deed or other documentation evidencing the conveyance.

10. Representations and Warranties.

Owner hereby represents and warrants to Holder and the Departments that:

A. Owner has the power and authority to enter into this Covenant, to grant the rights and interests herein provided and to carry out all of Owner's obligations hereunder;

B. This Covenant will not materially violate or contravene or constitute a material default under any other agreement, document, or instrument to which Owner is a party or by which Owner may be bound or affected; and

C. Owner is the sole owner of the Property in fee simple, which is not subject to a mortgage, deed of trust, or other lien. Certain portions of the Property are subject to reservations of mineral rights and easements and restrictions of record. In the event any person seeks to enter the Property and exercise rights pursuant to such reservations, easements, or restrictions, Owner/Transferee shall provide notice as described in paragraph 16.

11. Amendments, Termination, and Temporary Deviations.

This Covenant may be amended or terminated by approval of the Departments, Holder, and the current Owner/Transferee of record at the time of such amendment or termination, pursuant to Section 260.1027 RSMo. Any other Parties to this Covenant hereby waive the right to consent to any amendment to, or termination of, this Covenant. Following signature by all requisite persons or entities on any amendment or termination of this Covenant, Owner/Transferee shall record and distribute such documents as described below.

Temporary Deviations from the obligations or restrictions specified in this Covenant may be approved by the Lead Agency in lieu of a permanent amendment to this Covenant. Owner/Transferee may submit a written request to the Departments to temporarily deviate from specified requirements described herein for a specific purpose and timeframe, which shall not exceed ninety (90) days. Any such request shall be transmitted to the Holder and the Departments as described below. The request must specifically invoke this paragraph of this

Covenant, fully explain the basis for such Temporary Deviation, and demonstrate that protection of human health and the environment will be maintained. After a reasonable opportunity for consultation with the Support Agency, the Lead Agency will evaluate the request and convey approval or denial in writing. Owner/Transferee may not deviate from the requirements of this Covenant unless and until such approval has been obtained.

12. Severability.

If any provision of this Covenant is found to be unenforceable in any respect, the validity, legality, and enforceability of the remaining provisions shall not in any way be affected or impaired.

13. Governing Law.

This Covenant shall be governed by and interpreted in accordance with the laws of the State of Missouri.

14. Recordation.

Within thirty (30) days after the date of the final required signature upon this Covenant or any amendment or termination thereof, Owner shall record this Covenant with the appropriate recorder of deeds for each county in which any portion of the Property is situated. Owner shall be responsible for any costs associated with recording this Covenant.

15. Effective Date.

The effective date of this Covenant shall be the date upon which the fully executed Covenant has been recorded with the office of the recorder of the county in which the Property is situated.

16. Notice of Covenant.

Within thirty (30) days following the recording of this Covenant, or any amendment or termination of this Covenant, Owner/Transferee shall, in accordance with Section 260.1018, RSMo, distribute a file- and date-stamped copy of such Covenant along with any amendment or termination, as recorded with the appropriate recorder of deeds (including book and page numbers) to: (a) each of the Parties hereto; (b) each person holding a recorded interest in the Property, including any mortgagees or easement holders; (c) each person in possession of the Property; (d) each municipality or other unit of local government in which the Property is located; and (e) any other person designated herein. Upon receiving notice of any person's intent to enter the Property to perform maintenance, construction, repair, replacement, or excavation activities pursuant to the terms of a document creating such a right in that person, Owner/Transferee shall (i) notify such person, in writing, of this Covenant and the activity and use restrictions contained in paragraph 2 of this Covenant; (ii) promptly send to the Departments written correspondence advising the Departments of the foregoing notice of intent to enter the Property, with copies to the person who provided such notice of intent to enter; and (iii) take all reasonable

measures to ensure that such person complies with the terms and provisions of this Covenant.

17. Contact Information.

Any document or other item required by this Covenant to be given to another party hereto shall be sent to:

If to Owner:

Facility Manager
BCP Ingredients, Inc.
299 Extension Street
Verona, Missouri 65769

If to Holder:

Lawrence County Commission
1 East Courthouse Square
Mt. Vernon, Missouri 65712
Attn: Presiding Commissioner

If to MDNR:

Project Manager – Syntex Facility Superfund Site
Remedial Section, Hazardous Waste Program
P.O. Box 176
Jefferson City, MO 65102-0176

If to EPA:

Project Manager – Syntex Facility Superfund Site
U.S. Environmental Protection Agency – Region VII
11201 Renner Blvd.
Lenexa, KS 66219

Owner/Transferee, Holder, or the Departments may change their designated recipient of such notices by providing written notice of the same to each other. If any notice or other submittal under this Covenant is received by a former Owner/Transferee who no longer has an interest in the Property, then such former Owner/Transferee shall notify the Departments, the Holder, and the current Owner/Transferee of the Property regarding the mis-directed communication.

18. Reservation of Rights.

This Covenant is a necessary component of the environmental response project described above. Nothing in this Covenant shall be construed so as to relieve any Owner/Transferee from the obligation to comply with this Covenant during their period of ownership, or the obligation to comply with any other source of law. This Covenant is not a permit, nor does it modify any permit, order, agreement,

decree, or judgment issued under any federal, State, or local laws or regulations, and the Departments do not warrant or aver in any manner that an Owner/Transferee's compliance with this Covenant will constitute compliance with any such requirements. The Departments reserve all legal and equitable remedies available to enforce this Covenant or any other legal requirement, and/or to address any release or threat of release that may present an imminent and substantial endangerment to the public health or welfare or the environment arising at, or posed by, the Property. Nothing herein shall be construed so as to prevent a Department or Holder from taking any independent actions as allowed by law.

19. Defined Terms.

Terms used but not defined in this Covenant shall have the meanings assigned to them in the Missouri Environmental Covenants Act.

The undersigned represent and certify that they are authorized to sign this Covenant on behalf of their respective Parties.

IT IS SO AGREED:

FOR OWNER:

By: Mark A. Stach Date: DECEMBER 6, 2018
Name (print): MARK A. STACH
Title: SECRETARY & GENERAL COUNSEL
Address: 52 SUNRISE PARK ROAD
NEW HAMPTON, NY 10958

STATE OF New York)
COUNTY OF Orange)

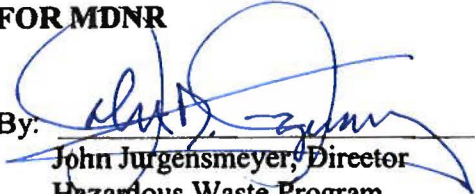
On this 6 day of December, 2018, before me, a Notary Public in and for said state, personally appeared Mark Stach, Secretary & General Counsel of BCP Ingredients Inc., known to me to be the person who executed the within Covenant on behalf of said corporation and acknowledged to me that he/she executed the same for the purposes therein stated.

My commission expires:
March 25, 2022

Christine M. Lenkowski
Notary Public Christine M. Lenkowski

CHRISTINE M. LENKOWSKI
Notary Public, State of New York
No. 011E6072009
Qualified in Dutchess County 22
Commission Expires March 25, 2022

FOR MDNR


By: 
John Jurgensmeyer, Director
Hazardous Waste Program
Missouri Department of Natural Resources
P.O. Box 176
Jefferson City, MO 65102-0176

Date: 12/6/2018

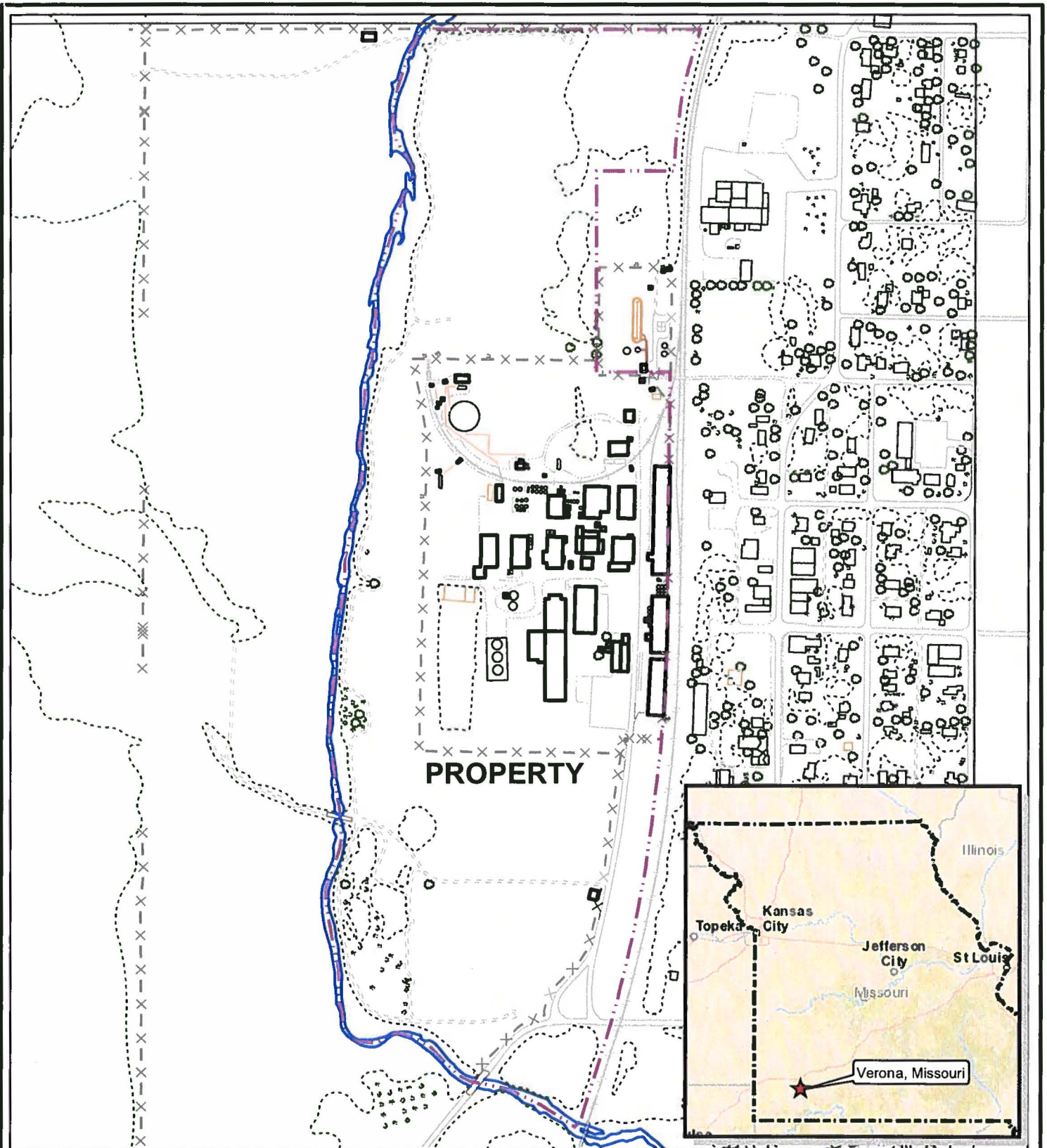
STATE OF MISSOURI)
)
COUNTY OF Morgan)

On this 6th day of December, 2018 before me, a Notary Public in and for said state, personally appeared John Jurgensmeyer, Director of the Hazardous Waste Program of the Missouri Department of Natural Resources, a state agency, known to me to be the person who executed the within Covenant on behalf of said agency by authority of its Director and acknowledged to me that he executed the same for the purposes therein stated.

My commission expires:
May 25, 2022


Notary Public
Debra D. Dobson

DEBRA D. DOBSON Notary Public - Notary Seal State of Missouri Commissioned for Morgan County My Commission Expires: May 25, 2022 Commission Number: 14642864



LEGEND

- Property Boundary
- Building Outline
- Fence
- Railroad
- River

NOTES:

1. Coordinate System: MO83-WF



This drawing is neither a legally recorded map nor a survey and is not intended to be used as one. This drawing is a compilation of records, information and data used for reference purposes only.

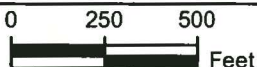


EXHIBIT A			
PROPERTY VERONA, MISSOURI			
Date: FEBRUARY 2017		Revision Date:	
Drawn By: DAT	Checked By: RMK	Scope: 15S239	

Exhibit B Legal Description

That part of the parcels described in the Lawrence County Recorder's Office in Book 264 at page 324, lying North and East of Spring River and West of the West railroad right-of-way. Being a part of Section 17, Township 26 North, Range 26 West, Lawrence County, Missouri and more particularly described as follows:

TRACT I

Beginning at the Southeast corner of the Northeast Quarter of the Southwest Quarter of Section 17, Township 26 North, Range 26 West; thence North $89^{\circ}51'54''$ West, 188.47 feet, to the center of Spring River; thence along the River centerline, North $43^{\circ}52'19''$ West, 44.75 feet; thence North $58^{\circ}46'56''$ West, 100.82 feet; thence North $80^{\circ}31'55''$ West, 51.71 feet; thence South $64^{\circ}25'30''$ West, 92.90 feet; thence North $86^{\circ}00'22''$ West, 52.35 feet; thence North $67^{\circ}49'16''$ West, 35.41 feet; thence North $35^{\circ}38'15''$ West, 68.78 feet; thence North $03^{\circ}05'28''$ West, 45.03 feet; thence North $15^{\circ}41'57''$ West, 40.39 feet; thence North $02^{\circ}55'08''$ West, 119.25 feet; thence North $10^{\circ}20'24''$ West, 297.70 feet; thence North $10^{\circ}42'22''$ East, 45.76 feet; thence North $21^{\circ}47'17''$ East, 104.70 feet; thence North $07^{\circ}30'42''$ East, 176.51 feet; thence North $20^{\circ}26'13''$ West, 76.51 feet; thence North $05^{\circ}26'12''$ West, 153.81 feet; thence North $12^{\circ}47'46''$ West, 54.83 feet; thence North $04^{\circ}12'58''$ East, 297.32 feet; thence North $02^{\circ}32'36''$ West, 54.74 feet; thence North $08^{\circ}25'17''$ East, 530.70 feet; thence North $10^{\circ}17'48''$ West, 27.17 feet; thence North $18^{\circ}51'25''$ East, 101.45 feet; thence North $05^{\circ}11'27''$ East, 67.11 feet; thence North $12^{\circ}37'30''$ West, 72.23 feet; thence North $05^{\circ}24'40''$ East, 257.56 feet; thence North $16^{\circ}58'48''$ East, 91.48 feet; thence North $04^{\circ}06'26''$ East, 203.46 feet; thence North $05^{\circ}18'41''$ West, 52.48 feet; thence North $16^{\circ}49'21''$ East, 398.64 feet; thence North $31^{\circ}44'32''$ East, 60.02 feet; thence North $05^{\circ}11'29''$ West, 53.69 feet; thence North $30^{\circ}41'45''$ West, 142.74 feet; thence North $00^{\circ}42'56''$ West, 97.23 feet; thence North $14^{\circ}52'35''$ East, 198.66 feet; thence North $25^{\circ}40'43''$ East, 119.87 feet, to the North line of the aforementioned Section 17; thence North $89^{\circ}58'12''$ East 278.39 feet, to the Northeast corner of the Northeast Quarter of the Northwest Quarter of said Section 17; thence continuing along the North Section line, North $89^{\circ}58'12''$ East, 797.54 feet, to the West right-of-way of the railroad; thence with the aforesaid right-of-way, 565.43 feet along a 1920.74 foot radius curve to the left, whose chord bears South $10^{\circ}40'36''$ West, 563.40 feet, to the North line of the city owned tract; thence along the perimeter of the aforesaid tract, North $89^{\circ}59'54''$ West, 281.83 feet; thence South $00^{\circ}32'01''$ West, 775.08 feet; thence South $89^{\circ}59'54''$ East, 281.00 feet, to the aforesaid railroad right-of-way; thence South $00^{\circ}31'21''$ West, 1033.06 feet, to point of curvature; thence 993.50 feet along a 5494.12 foot radius curve to the right, whose chord bears South $05^{\circ}42'11''$ West, 992.15 feet; thence radial to the curve, North $79^{\circ}07'00''$ West, 75.00 feet; thence 476.02 feet along a 5419.12 foot radius curve to the right, whose chord bears South $13^{\circ}23'59''$ West, 475.87 feet, to the North right-of-way of a public road; thence along aforesaid right-of-way, North $89^{\circ}56'34''$ West, 174.23 feet; thence 201.96 feet along a 250.00 foot radius non tangent curve to the left, whose chord bears South $57^{\circ}13'18''$ West, 196.52 feet; thence South $49^{\circ}12'03''$ West, 76.16 feet, to the Quarter Section line; thence South

00°03'27" West, 5.86 feet to the point of beginning, all lying in Section 17, Township 26 North, Range 26 West, Lawrence County, Missouri.

TRACT II

A parcel lying North of Spring River, West of the Railroad right-of-way and South of the public road right-of-way. Being more particularly described as commencing at the Southwest corner of the Northwest Quarter of the Southeast Quarter of Section 17, Township 26 North, Range 26 West; thence South 00°03'27" West, 99.73 feet; thence South 83°26'44" East, 56.33 feet, to a point on the South right-of-way of a public road, for a point of beginning; thence along said right-of-way, North 38°43'55" East, 239.86 feet; thence North 76°18'10" East, 172.77 feet; thence South 89°56'34" East, 11.76 feet, to the Westerly right-of-way of the railroad; thence with said railroad right-of-way 91.39 feet along a 5419.12 foot radius curve to the right, whose chord bears South 16°50'22" West, 91.39 feet; thence South 17°20'32" West, 277.74 feet, to the centerline of Spring River; thence along aforesaid centerline, North 49°40'32" West, 112.43 feet; thence North 68°58'11" West, 144.69 feet, to the point of beginning. All lying in the West Half of the Southeast Quarter of Section 17, Township 26 North, Range 26 West, Lawrence County, Missouri.

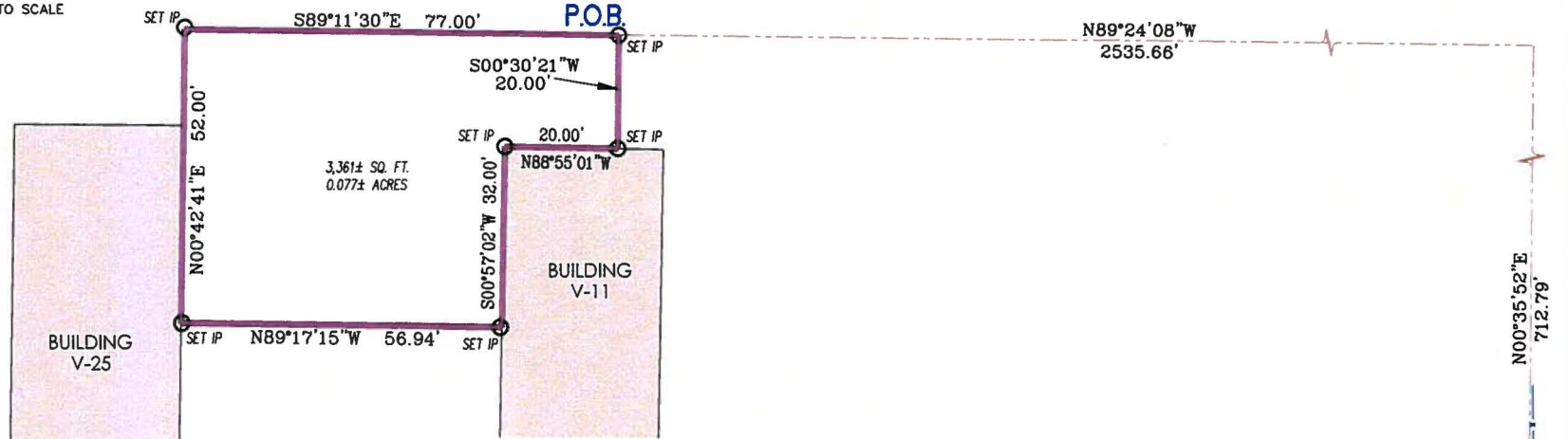
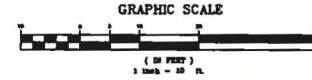
EXHIBIT C
Historic PCB Spill and Remediation Area
Environmental Covenant



LOCATION SKETCH
SEC. 17, T26N, R26W
NOT TO SCALE



- LEGEND**
- CP CONTROL POINT
 - IP FOUND IRON PIN
 - IP SET IRON PIN
 - HISTORICAL PCB SPILL AND REMEDIATION AREA
 - P.O.C. POINT OF COMMENCEMENT
 - P.O.B. POINT OF BEGINNING



SURVEY DESCRIPTION

A TRACT OF LAND AS LYING IN THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 17, TOWNSHIP 26 NORTH, RANGE 26 WEST AND SAID TRACT BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHEAST CORNER OF THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 17, TOWNSHIP 26 NORTH, RANGE 26 WEST; THENCE ALONG THE EAST LINE OF THE SOUTHEAST QUARTER, OF THE NORTHEAST QUARTER OF SECTION 17, NORTH 00°35'52" EAST, 712.79 FEET; THENCE LEAVING SAID EAST LINE, NORTH 89°24'08" WEST, 2535.66 TO THE POINT OF BEGINNING; THENCE SOUTH 00°30'21" WEST, 20.00 FEET; THENCE NORTH 88°55'01" WEST, 20.00 FEET; THENCE SOUTH 00°57'02" WEST, 32.00 FEET; THENCE NORTH 89°17'15" WEST, 56.94 FEET; THENCE NORTH 00°42'41" EAST, 52.00 FEET; THENCE SOUTH 89°11'30" EAST, 77.00 FEET TO THE POINT OF BEGINNING. ALL LYING IN THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 17, TOWNSHIP 26 NORTH, RANGE 26 WEST, LAWRENCE COUNTY, MISSOURI. CONTAINING 0.077 ACRES, MORE OR LESS. BEARINGS BASED ON GRID NORTH OF THE MISSOURI COORDINATE SYSTEM OF 1983, WEST ZONE.

SURVEYORS NOTE:
WITH THIS SURVEY WE DO NOT GUARANTEE THAT OWNERSHIP IS TO THE SURVEY LINES DEPICTED HEREON. THIS SURVEY IS A GRAPHIC REPRESENTATION OF THE OPINION OF THE SURVEYOR AS TO THE LOCATION OF THE RECORD -DESCRIPTION. NO OPINION AS TO THE VALIDITY OF TITLE IS GIVEN OR IMPLIED.

DATE OF FIELD WORK: JULY 2018

ANDERSON ENGINEERING, INC. LC 62
BY:

KEVIN L. LAMBETH, P.L.S. 2695



8-09-2018
DATE

REVISIONS		DRAWING INFO.	
NO.	DESCRIPTION	BY DATE	FIELD BY DATE

DRW. BY:	BAC
CHECK BY:	ALL
DATE:	7-18-2018
FIELD BOOK:	560
JOB NUMBER:	18022000

EXHIBIT C
HISTORICAL PCB SPILL AND REMEDIATION AREA

VERONA, MISSOURI

DRAWING NO. WB III-231
SHEET NUMBER 1
C/P 1

ANDERSON ENGINEERING
EMPLOYEE OWNED

ENGINEERS • SURVEYORS • LABORATORIES • DRILLING

2815 N. WOODLAND • SPRINGFIELD, MISSOURI 65714 • PHONE (417) 862-2744
FAX (417) 862-2744

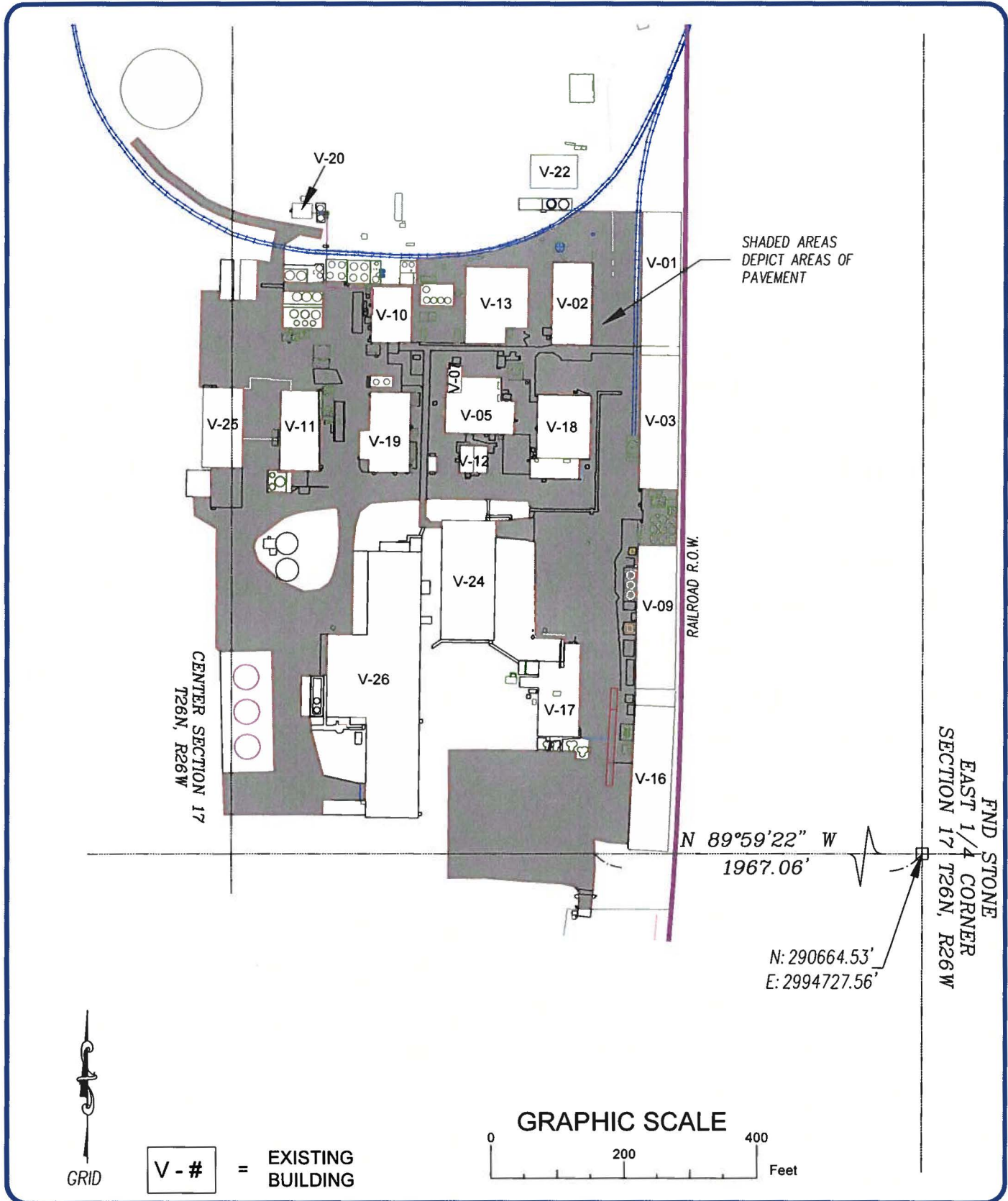
EXHIBIT D
Dioxins and Furans
Environmental Covenant

Exhibit D

Dioxins and Furans

CAS Number	Compound
1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)
40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PnCDD)
39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)
57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)
19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)
35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)
3268-87-9	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)
51207-31-9	2,3,7,8-Tetrachlorodibenzofuran (TCDF)
57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran (PnCDF)
57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran (PnCDF)
70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)
57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)
72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)
60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)
67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)
55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)
39001-02-0	1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)

EXHIBIT E
Pavement Areas
Environmental Covenant



GRID

V - # = EXISTING BUILDING

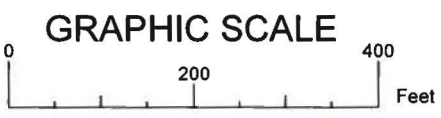
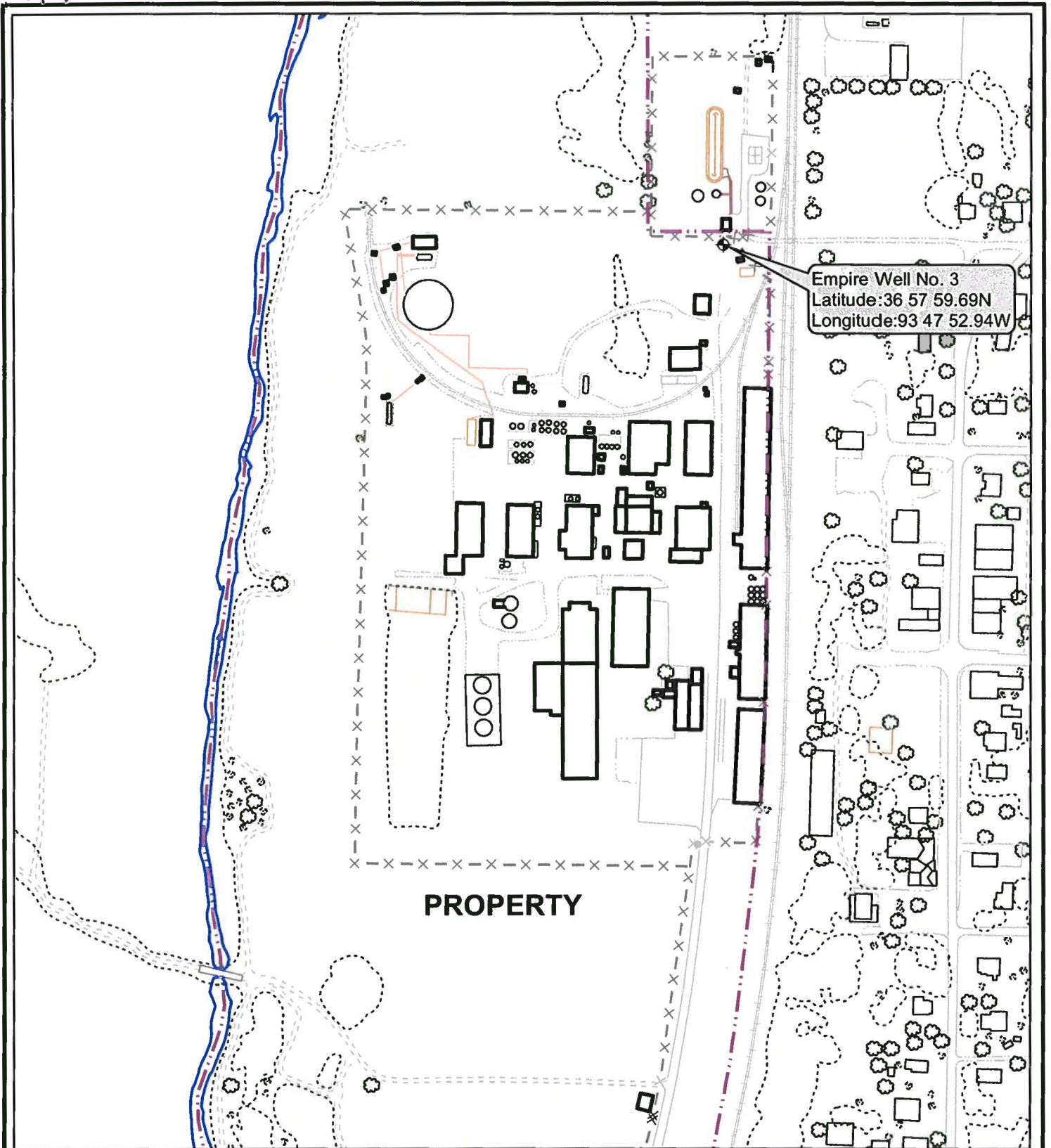


EXHIBIT E
PROPERTY PAVEMENT AREAS
 VERONA, MO

18SP20132.DWG
 DRAWN BY: RAP
 DATE: 11-8-18
 CLIENT NO: 18SP20132

EXHIBIT F
Empire Well No. 3 Location
Environmental Covenant



Empire Well No. 3
 Latitude: 36 57 59.69N
 Longitude: 93 47 52.94W

PROPERTY

LEGEND

- ◆ Empire Well No.3
- ▭ Property Boundary
- ▭ Building Outline
- × Fence
- Railroad
- River

NOTES:

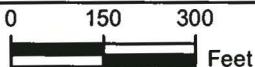
1. Coordinate System: MO83-WF



EXHIBIT F

PROPERTY
 EMPIRE WELL NO. 3
 VERONA, MISSOURI

This drawing is neither a legally recorded map nor a survey and is not intended to be used as one. This drawing is a compilation of records, information and data used for reference purposes only.



Date: FEBRUARY 2017

Revision Date:

Drawn By: DAT

Checked By: RMK

Scope: 15S239

W. L. S. 217

MISSOURI BUREAU OF GEOLOGY & MINES, ROLLA, MO.

MO SURVEY NO 9152 OWNER Empire District Electric Co.

COUNTY Lawrence FARM Aurora / City of Verona WELL NO 23

T 26 N R 26 W DRILLER Sill and Sill

DATE March to May 1946

ELEVATION 1257 (EmpCo) PRODUCTION Flows 33 G.P.M. at 75'

SAMPLES STUDIED 4009 pm 69' do A. R. Ostrander 5/14/46

REMARKS FLOWS 4-5 G. P. M. at 675 feet. First flow at 400 ft. 40 G.P.M. est. flow at 880 ft. Flow 33 gpm at T.P. before cementing casing. 32 1/2 ft. of blank csg cemented with 164 sac After cementing, well flowed 95 gpm at surface, with SWL = 6 lbs. (+ 14 ft.) first action at 45'

0 SWL 60' (1938) Acidized 4/2/46 with 4000 gal. { 2000 gal. at 965 ft. 2000 gal. at 510 ft. Gray w. sh. sm. r., bl.-gray sm. sh., red clay. SAMPLES PDWP do. SAVED SO10038 Bl.-gray sm. foss. chf. - red clay. Bl.-gray to gray sm. chf. - red clay. Gray w. foss. r., bl.-gray sm. chf. - sh. w. sh. Gray sm. foss., bl.-gray sm. foss. chf., spines - Fe do - sp. foss. chf. - spines - Fe Bl.-gray sm. per. chf. - Fe2, bl.-gray sh. foss. do - Fe2, Gray sh. foss. Bl.-gray sm. mod. per. foss. chf. - Fe2, spines - Bl. do - buff sm. chf. - spines - Fe2, spines. do - Fe2, furnished. Gray r. per. foss., bl.-gray sm. foss., reddish buff sm., chf. do - Fe2.

Vertical Reading

50

Recording Date/Time: **04/13/2022** at **08:19:36 AM**

Book: **458** Page: **2103**

Instr #: **2022002116**

Pages: **16**

Fee: **\$69.00 S**



Electronically Recorded

**Pam Robertson
Recorder of Deeds**

(ABOVE SPACE RESERVED FOR RECORDER'S USE)

Document Title: Environmental Covenant

Document Date: March 31, 2022

Grantor: Syntex Agribusiness, Inc.
Legal Department
1 DNA Way (MS-49)
South San Francisco, CA 94080

Grantee: Syntex Agribusiness, Inc.
Legal Department
1 DNA Way (MS-49)
South San Francisco, CA 94080

Departments: Missouri Department of Natural Resources
P.O. Box 176, 1101 Riverside Drive
Jefferson City, MO 65102

United States Environmental Protection Agency – Region VII
11201 Renner Blvd.
Lenexa, KS 66219

Legal Description: See attached Exhibit B

ENVIRONMENTAL COVENANT
(North Property)

This Environmental Covenant (Covenant) is entered into by and between the Grantor, Syntex Agribusiness, Inc., a Delaware corporation (Owner), the Grantee, Syntex Agribusiness, Inc., a Delaware corporation (Holder), the Missouri Department of Natural Resources (MDNR), and the United States Environmental Protection Agency (USEPA) (together, MDNR and USEPA shall be referred to as the “Departments,” or may be referred to generically as a “Department” when a provision could apply to either) pursuant to the Missouri Environmental Covenants Act, Sections 260.1000 through 260.1039 of the Revised Statutes of Missouri (RSMo). Owner, Holder, and the Departments may collectively be referred to as the “Parties” herein or individually as a “party.”

RECITALS

WHEREAS, Owner is the owner in fee simple of certain real property commonly known and numbered as 14317 Lawrence 2210, Verona, Missouri, shown on the site map attached hereto as Exhibit A, and legally described on the attached Exhibit B (the Property);

WHEREAS, the Property is situated in Lawrence County, Missouri;

WHEREAS, Owner desires to grant to itself, as Holder, this Covenant for the purpose of subjecting the Property to certain activity and use limitations as provided in the Missouri Environmental Covenants Act, and Owner further desires to accept this covenant as a Holder pursuant to the Missouri Environmental Covenants Act, with all the attendant rights of a Holder under such Act, which include, but are not limited to, acquiring an interest in the Property, as Holder, that will survive its current fee ownership of the Property and a right to enforce this Covenant;

WHEREAS, MDNR and USEPA each enters into this covenant as a “Department” pursuant to the Missouri Environmental Covenants Act, Sections 260.1000 through 260.1039, RSMo, with all the attendant rights of a “Department” under such Act, which include but are not limited to having a right to enforce this Covenant;

WHEREAS, Owner agreed in 1983 with USEPA to enter a Consent Agreement and Order, No. 83-H-008, pursuant to which Owner undertook to investigate and remedy soil and groundwater environmental impacts at the Syntex Facility Superfund Site (the Syntex Facility Superfund Site) under the supervision and approval of USEPA. Owner agreed in 2016 to conduct a supplemental environmental investigation and a remedy protectiveness review at the Syntex Facility Superfund Site pursuant to an Administrative Settlement Agreement and Order on Consent for Investigations (AOC) entered among USEPA, the State of Missouri, and Owner with an effective date of September 6, 2016, United States Environmental Protection Agency Region VII Docket No. CERCLA-07-2016-0008. The supplemental investigation identified 1,4-dioxane migrating in groundwater beneath the Property. The restrictions on the use of the Property contained in this Covenant will reduce the potential for exposures to this contaminant of concern. Prior

environmental investigations and remedial activities, including but not limited to those referred to above, separately and together constitute an “environmental response project” as defined in the Missouri Environmental Covenants Act.

WHEREAS, the contaminant of concern is present on or in the groundwater of the Property; and

WHEREAS, the protective measures described in this Covenant will reduce the potential for exposures to the contaminant of concern; and

WHEREAS, for purposes of the environmental response project described above, and for purposes of responding to any requests or acting on any submittals made under this Covenant, USEPA shall be the “Lead Agency” and MDNR shall be the “Support Agency,” as specified below. The Departments intend that the Lead Agency will provide reasonable opportunities for consultation with the Support Agency as described below, and that the Support Agency will provide input, if any, to the Lead Agency within reasonable timeframes and as appropriate under the circumstances. If MDNR and USEPA subsequently agree to change such roles, then the Lead Agency shall so notify the current Owner or Transferee (Owner/Transferee) and the Holder in writing, with a copy to the Support Agency.

NOW THEREFORE, Owner, Holder, and the Departments agree to the following:

1. **Parties.** The Owner, Holder, and the Departments are parties to this Environmental Covenant, and may enforce it as provided in Section 260.1030, RSMo.
2. **Activity and Use Limitations.** Owner hereby subjects the Property to, and agrees to comply with, the following activity and use limitations:
 - A. No Drilling or Use of Groundwater: In addition to any applicable state or local well use restrictions, the following restrictions shall apply to the Property:
 - i. Groundwater from the Property shall not be consumed or otherwise used for any purpose, except for the collection of samples for environmental analysis purposes, collection or treatment of groundwater for remedial purposes, or collection or treatment of groundwater as part of excavation or construction activities.
 - ii. There shall be no drilling or other artificial penetration of any groundwater-bearing unit(s) containing contaminants, unless performed in accordance with a work plan approved by one or both of the Departments.
 - iii. Installation of any new groundwater wells on the Property is prohibited, except for wells used for investigative, monitoring, and/or remediation purposes installed in accordance with a work plan approved by one or both of the Departments.
 - B. Activities on the Property shall not materially and unreasonably interfere with

environmental investigation or remediation activities on the Property.

If Owner or any Transferee desires in the future to use the Property for any purpose or in any manner that is prohibited by this Covenant, the Departments and the Holder must be notified in advance as provided below so that a Modification, Temporary Deviation, or Termination request can be considered. Further analyses and response actions may be required before any such use.

3. **Running with the Land.** This Covenant shall be binding upon Owner and Owner's heirs, successors, assigns, and other transferees in interest (collectively referred to as Transferees) during their period of ownership, and shall run with the land, as provided in Section 260.1012, RSMo, subject to amendment or termination as set forth herein. The term "Transferee(s)," as used in this Covenant, shall mean any future owner of any interest in the Property or any portion thereof, including, but not limited to, owners of an interest in fee simple, mortgagees (subject to applicable lender liability protections prescribed by law), easement holders, and/or lessees. Each transferee shall be deemed to be a party hereto for purposes of the terms and conditions of this Covenant.
4. **Location of Files and Records.** Records of the environmental response project described above are currently located in the Supporting Agency's office in Jefferson City, Missouri. Information regarding the project may be obtained from the Supporting Agency through a request under Chapter 610, RSMo, commonly referred to as the Missouri Sunshine Law, to the Supporting Agency's Custodian of Records, referencing the site identification name of Syntex Facility Superfund Site, Verona, Missouri. Records of the environmental response project are also located in the Lead Agency's office in Lenexa, Kansas. Information regarding the project may be obtained from the Lead Agency through a request pursuant to the Freedom of Information Act.
5. **Enforcement.** Compliance with this Covenant may be enforced as provided in Section 260.1030, RSMo. Failure to timely enforce compliance with this Covenant or the activity and use limitations contained herein by any party shall not bar subsequent enforcement by such party and shall not be deemed a waiver of the party's right to take action to enforce any non-compliance. Nothing in this Covenant shall restrict any person from exercising any authority under any other applicable law.

In addition to or in lieu of any other remedy authorized by law, prior to taking legal action to enforce this Covenant, the Departments may require Owner/Transferee to submit a plan to investigate and/or correct any alleged violation of this Covenant. If such Owner/Transferee fails to act within the required timeframe or if the Departments finds a proposed remedy unacceptable, the Departments may pursue any remedy authorized by law.

6. **Right of Access.** Owner, on behalf of itself and any Transferees, hereby grants to the Holder and the Departments and their respectively authorized agents, contractors, and employees, the right to access the Property at all reasonable times for implementation,

monitoring, inspection, or enforcement of this Covenant and the related environmental response project. Nothing herein shall be deemed to limit or otherwise impede the Departments' rights of access and entry under federal or state law or other agreement.

7. **Compliance Reporting.** Owner/Transferee shall submit to Holder and the Departments, by no later than January 31 of each year, documentation verifying that the activity and use limitations imposed hereby were in place and complied with during the preceding calendar year. The Compliance Report shall include the following statement, signed by Owner/Transferee:

I certify that to the best of my knowledge, after thorough evaluation of appropriate facts and information, the information contained in or accompanying this submission is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

In the event that an Owner, Transferee, Holder, or a Department becomes aware of any noncompliance with the activity and use limitations described in Paragraph 2 above, such person or entity shall notify all other Parties to this Covenant in writing as soon as possible, but no later than 10 business days thereafter.

8. **Additional Rights.** None Specified.
9. **Notice upon Conveyance.** Each instrument hereafter conveying any interest in the Property or any portion of the Property shall contain a notice of the activity and use limitations set forth in this Covenant, and provide the recording reference for this Covenant. The notice shall be substantially in the following form:

THE INTEREST CONVEYED HEREBY IS SUBJECT TO AN ENVIRONMENTAL COVENANT, DATED _____, RECORDED IN THE OFFICE OF THE RECORDER OF DEEDS OF LAWRENCE COUNTY, MISSOURI, ON _____, AS DOCUMENT _____, BOOK _____, PAGE _____.

Owner/Transferee shall notify Holder and the Departments within 10 days following each conveyance of an interest in any portion of the Property. The notice shall include the name, address, and telephone number of the Transferee, and a copy of the deed or other documentation evidencing the conveyance.

10. **Representations and Warranties.** Owner hereby represents and warrants to the Departments:
- A. that Owner has the power and authority to enter into this Covenant, to grant the rights and interests herein provided and to carry out all of Owner's obligations hereunder;

- B. that this Covenant will not materially violate or contravene or constitute a material default under any other agreement, document, or instrument to which Owner is a party or by which Owner may be bound or affected; and
- C. Owner is the sole owner of the Property in fee simple, which is not subject to a mortgage, deed of trust, or other lien; however, certain portions of the Property may be subject to reservations of mineral rights and easements and restrictions of record.

11. Amendments, Termination, and Temporary Deviations. This Covenant may be amended or terminated by approval of the Departments, Holder, and the current Owner/Transferee of record at the time of such amendment or termination, pursuant to Section 260.1027, RSMo. Any other Parties to this Covenant hereby waive the right to consent to any amendment to, or termination of, this Covenant. Following signature by all requisite persons or entities on any amendment or termination of this Covenant, Owner/Transferee shall record and distribute such documents as described below.

Temporary deviations from the obligations or restrictions specified in this Covenant may be approved by the Departments in lieu of a permanent amendment to this Covenant. Owner/Transferee may submit a written request to the Departments to temporarily deviate from specified requirements described herein for a specific purpose and timeframe, which shall not exceed 90 days. Any such request shall be transmitted to the Holder and the Departments as described below. The request must specifically invoke this paragraph of this Covenant, fully explain the basis for such temporary deviation, and demonstrate that protection of human health and the environment will be maintained. The Departments shall evaluate the request and convey approval or denial in writing. Owner/Transferee may not deviate from the requirements of this Covenant unless and until such approval has been obtained.

- 12. Severability.** If any provision of this Covenant is found to be unenforceable in any respect, the validity, legality, and enforceability of the remaining provisions shall not in any way be affected or impaired.
- 13. Governing Law.** This Covenant shall be governed by and interpreted in accordance with the laws of the State of Missouri.
- 14. Recordation.** Within 30 days after the date of the final required signature upon this Covenant or any amendment or termination thereof, Owner shall record this Covenant with the appropriate recorder of deeds for each county in which any portion of the Property is situated. Owner shall be responsible for any costs associated with recording this Covenant.
- 15. Effective Date.** The effective date of this Covenant shall be the date upon which the fully executed Covenant has been recorded with the office of the recorder of the county in which the Property is situated.
- 16. Distribution of Covenant.** Within 30 days following the recording of this Covenant, or any amendment or termination of this Covenant, Owner/Transferee shall, in accordance

with Section 260.1018, RSMo, distribute a file- and date-stamped copy of such Covenant along with any amendment or termination, as recorded with the appropriate recorder of deeds (including book and page numbers) to: (a) each of the Parties hereto; (b) each person holding a recorded interest in the Property, including any mortgagees or easement holders; (c) each person in possession of the Property; (d) each municipality or other unit of local government in which the Property is located; and (e) any other person designated herein. Upon receiving notice of any person's intent to enter the Property to conduct activities reasonably expected to interfere with the activity and use limitations contained in Paragraph 2 above, Owner/Transferee shall (i) notify such person, in writing, of this Covenant and the activity and use limitations contained in paragraph 2 and (ii) take all reasonable measures to ensure that such person complies with the terms and provisions of this Covenant.

17. **Contact Information.** Any document or other item required by this Covenant to be given to another party hereto shall be sent to:

If to Owner:

Syntex Agribusiness, Inc.
Legal Department
1 DNA Way (MS-49)
South San Francisco, CA 94080

If to Holder:

Syntex Agribusiness, Inc.
Legal Department
1 DNA Way (MS-49)
South San Francisco, CA 94080

If to MDNR:

Project Manager – Syntex Facility Superfund Site
Missouri Department of Natural Resources
Environmental Remediation Program
P.O. Box 176
Jefferson City, MO 65102-0176

If to USEPA:

Project Manager – Syntex Facility Superfund Site
U.S. Environmental Protection Agency – Region VII
11201 Renner Blvd.
Lenexa, KS 66219

Upon the transfer of fee simple to a Transferee, such Transferee shall be deemed to be

substituted for Owner for purposes of this provision. Owner/Transferee, Holder, or the Departments may change the designated recipient of such notices by providing written notice of the same to each other. If any notice or other submittal under this Covenant is received by a former Owner/Transferee who no longer has an interest in the Property, then such former Owner/Transferee shall notify the Departments, the Holder, and the current Owner/Transferee of the Property regarding the misdirected communication. In the event any designated recipient receives any notice hereunder at a time that he or she no longer serves as a designated representative, such individual shall have an affirmative duty to (i) notify the sender of the notice of the mistaken delivery and (ii) attempt to forward the received notice to the currently designated recipient, if known.

18. **Reservation of Rights.** This Covenant is a necessary component of the environmental response project described above. Nothing in this Covenant shall be construed so as to relieve any Owner/Transferee from the obligation to comply with this Covenant during their period of ownership, or the obligation to comply with any other source of law. This Covenant is not a permit, nor does it modify any permit, order, agreement, decree, or judgment issued under any federal, State, or local laws or regulations, and the Departments do not warrant or aver in any manner that an Owner/Transferee's compliance with this Covenant will constitute compliance with any such requirements. The Departments reserve all legal and equitable remedies available to enforce this Covenant or any other legal requirement, and/or to address any release or threat of release that may present an imminent and substantial endangerment to the public health or welfare or the environment arising at, or posed by, the Property. Nothing herein shall be construed so as to prevent a Department or Holder from taking any independent actions as allowed by law.
19. **Defined Terms.** Terms used but not defined in this Covenant shall have the meanings assigned to them in the Missouri Environmental Covenants Act.
20. **Recitals.** The recitals set forth above are hereby incorporated into this Covenant by reference.

[Signature Pages to Follow]

The undersigned represent and certify that they are authorized to sign this Covenant on behalf of their respective Parties.

IT IS SO AGREED:

FOR OWNER:

By: Bruce Resnick Date: 3-8-22

Name: Bruce Resnick
Title: Treasurer
Address: Syntex Agribusiness, Inc.
Legal Department
1 DNA Way (MS-49)
South San Francisco, CA 94080

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA)
)
COUNTY OF _____)

On this ____ day of _____, 2022, before me, _____ personally appeared Bruce Resnick, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____ (Seal)

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of San Mateo)

On March 8, 2022 before me, Carlos Rios, Notary Public
(insert name and title of the officer)

personally appeared Bruce Ira Resnick,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

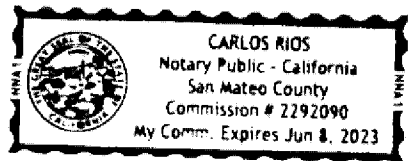
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature



(Seal)



FOR HOLDER:

By: Bruce Resnick

Date: 3-8-22

Name: Bruce Resnick
Title: Treasurer
Address: Syntex Agribusiness, Inc.
Legal Department
1 DNA Way (MS-49)
South San Francisco, CA 94080

ACKNOWLEDGMENT

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STATE OF CALIFORNIA)
)
COUNTY OF _____)

On this ____ day of _____, 2022, before me, _____ personally appeared Bruce Resnick, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

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Signature _____ (Seal)

ACKNOWLEDGMENT

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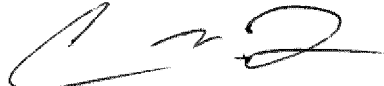
State of California
County of San Mateo)

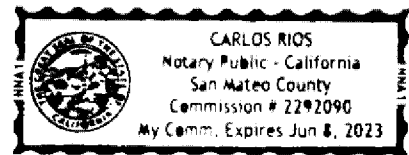
On March 8, 2022 before me, Carlos Rios, Notary Public
(insert name and title of the officer)

personally appeared Bruce Ira Resnick,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature  (Seal)



FOR USEPA

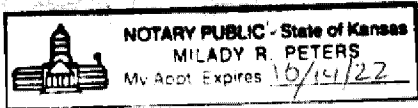
By: *Scott D. Hayes* Date: 3/31/22

Name: Scott D. Hayes
Title: Acting Director, Superfund and Emergency Management Division
Address: U.S. EPA, Region 7
11201 Renner Boulevard
Lenexa, Kansas 66219

ACKNOWLEDGMENT

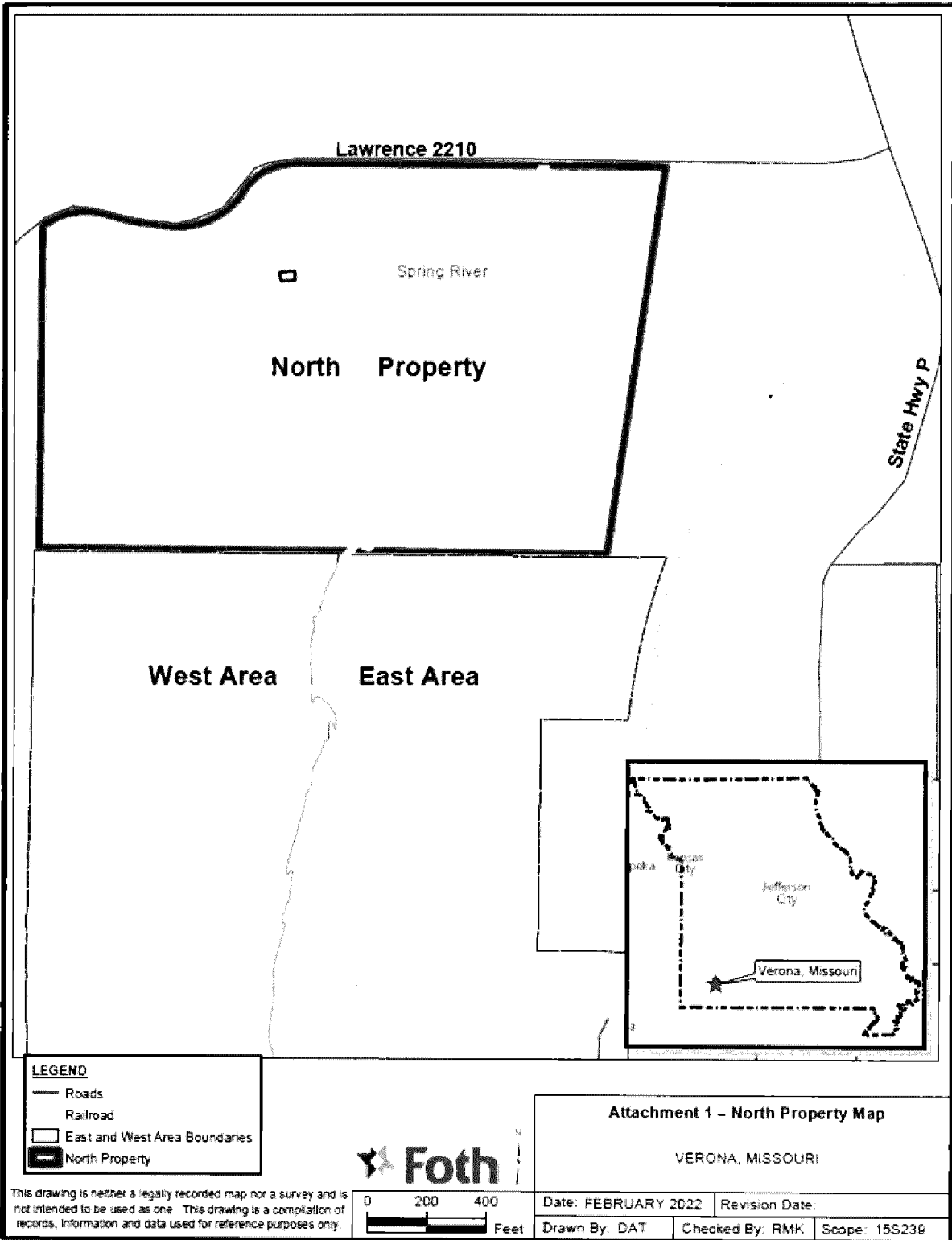
STATE OF Kansas)
COUNTY OF Johnson)

On this 31st day of March, 2022, before me, a Notary Public in and for said state, personally appeared Scott D. Hayes, Acting Director, Superfund and Emergency Management Division of the U.S. Environmental Protection Agency - Region VII, a federal agency, known to me to be the person who executed the within Covenant on behalf of said agency by authority of its Administrator and acknowledged to me that he executed the same for the purposes therein stated.



Milady R. Peters
Notary Public

**EXHIBIT A
DIAGRAM OF PROPERTY**



**EXHIBIT B
LEGAL DESCRIPTION**

THE SOUTHEAST QUARTER (SE1/4) OF THE SOUTHWEST QUARTER (SW1/4), EXCEPT ALL THAT PART NORTH AND WEST OF THE COUNTY ROAD AS THE SAME IS NOW LOCATED, AND THE SOUTHWEST QUARTER (SW1/4) OF THE SOUTHEAST QUARTER (SE1/4), EXCEPT ALL THAT PART LYING EAST OF THE FORMER MILL RACE, ALL BEING LOCATED IN SECTION 8, TOWNSHIP 26 NORTH, RANGE 26 WEST, LAWRENCE COUNTY, MISSOURI.

Recording Date/Time: **04/13/2022** at **08:19:35 AM**

Book: **458** Page: **2102**

Instr #: **2022002115**

Pages: **18**

Fee: **\$75.00 S**



Electronically Recorded

**Pam Robertson
Recorder of Deeds**

(ABOVE SPACE RESERVED FOR RECORDER'S USE)

Document Title: Environmental Covenant

Document Date: March 31, 2022

Grantor: Syntex Agribusiness, Inc.
Legal Department
1 DNA Way (MS-49)
South San Francisco, CA 94080

Grantee: Syntex Agribusiness, Inc.
Legal Department
1 DNA Way (MS-49)
South San Francisco, CA 94080

Departments: Missouri Department of Natural Resources
P.O. Box 176, 1101 Riverside Drive
Jefferson City, MO 65102-0176

United States Environmental Protection Agency – Region VII
11201 Renner Blvd.
Lenexa, KS 66219

Legal Description: See attached Exhibit B

ENVIRONMENTAL COVENANT
(West Area)

This Environmental Covenant (Covenant) is entered into by and between the Grantor, Syntex Agribusiness, Inc., a Delaware corporation (Owner), the Grantee, Syntex Agribusiness, Inc., a Delaware corporation (Holder), the Missouri Department of Natural Resources (MDNR), and the United States Environmental Protection Agency (USEPA) (together, MDNR and USEPA shall be referred to as the “Departments,” or may be referred to generically as a “Department” when a provision could apply to either) pursuant to the Missouri Environmental Covenants Act, Sections 260.1000 through 260.1039 of the Revised Statutes of Missouri (RSMo). Owner, Holder, and the Departments may collectively be referred to as the “Parties” herein or individually as a “party.”

RECITALS

WHEREAS, Owner is the owner in fee simple of certain real property commonly known as the West Area of the Syntex Facility Superfund Site, Verona, Missouri, shown on the site map attached hereto as Exhibit A, and legally described on the attached Exhibit B (the Property);

WHEREAS, the Property is situated in Lawrence County, Missouri;

WHEREAS, Owner desires to grant to itself, as Holder, this Covenant for the purpose of subjecting the Property to certain activity and use limitations as provided in the Missouri Environmental Covenants Act, and Owner further desires to accept this covenant as a Holder pursuant to the Missouri Environmental Covenants Act, with all the attendant rights of a Holder under such Act, which include but are not limited to acquiring an interest in the Property, as Holder, that will survive its current fee ownership of the Property and a right to enforce this Covenant;

WHEREAS, the MDNR and USEPA each enters into this covenant as a “Department” pursuant to the Missouri Environmental Covenants Act, Sections 260.1000 through 260.1039, RSMo, with all the attendant rights of a “Department” under such Act, which include but are not limited to having a right to enforce this Covenant;

WHEREAS, Owner agreed in 1983 with the USEPA to enter a Consent Agreement and Order, No. 83-H-008, pursuant to which Owner undertook to investigate and remedy soil and groundwater environmental impacts at the Syntex Facility Superfund Site (the Syntex Facility Superfund Site), including the Property, under the supervision and approval of USEPA. Owner agreed in 2016 to conduct a supplemental environmental investigation and a remedy protectiveness review at the Syntex Facility Superfund Site, including the Property, pursuant to an Administrative Settlement Agreement and Order on Consent for Investigation (AOC) entered among USEPA, the State of Missouri, and Owner with an effective date of September 6, 2016, United States Environmental Protection Agency Region VII Docket No. CERCLA-07-2016-0008. The supplemental environmental investigation identified the presence of 2,3,7,8-tetrachlorodibenzo-p-dioxin in soils in and around disposal trenches and roadways on the Property used in connection with historic manufacturing activities at the Syntex Facility Superfund Site at low levels below the

risk-based concentrations calculated for potential receptors. Owner's environmental response activities under the 1983 Order and the 2016 AOC separately and together constitute an "environmental response project" as defined in the Missouri Environmental Covenants Act;

WHEREAS, the environmental response project being conducted on the Property includes but is not limited to the activities forth in the AOC and associated technical work plans;

WHEREAS, contaminants of concern are present and, upon completion of the environmental response project described above, may remain on the Property above levels that are protective of unrestricted use of the Property as determined by the Departments;

WHEREAS, the Property is deemed protective if and only if the protective measures described in this Covenant remain in place for as long as the contaminants of concern remain at the Property; and

WHEREAS, for purposes of the environmental response project described above, and for purposes of responding to any requests or acting on any submittals made under this Covenant, USEPA shall be the "Lead Agency" and MDNR shall be the "Support Agency" as specified below. The Departments intend that the Lead Agency will provide reasonable opportunities for consultation with the Support Agency as described below, and that the Support Agency will provide input, if any, to the Lead Agency within reasonable timeframes and as appropriate under the circumstances. If MDNR and USEPA subsequently agree to change such roles, then the Lead Agency shall so notify the current Owner/Transferee (Owner/Transferee) and the Holder in writing, with a copy to the Support Agency.

NOW THEREFORE, Owner, Holder, and the Departments agree to the following:

1. **Parties.** The Owner, Holder, and the Departments are parties to this Environmental Covenant, and may enforce it as provided in Section 260.1030, RSMo.

2. **Activity and Use Limitations.** Owner hereby subjects the Property to, and agrees to comply with, the following activity and use limitations:

A. **Land Use Restrictions:** The Property shall **not** be used for (i) any residential purpose, which for purposes of this Covenant include, but are not limited to: single family homes, duplexes, multiplexes, apartments, condominiums, schools, child-care or senior-care facilities, or any land use where persons can be expected to reside; (ii) any agricultural purpose, which for purpose of this Covenant include, but are not limited to: raising livestock or growing any crops or other plants for harvest; (iii) any recreational purposes, which for purposes of this Covenant include, but are not limited to: hunting, fishing, camping, off-road motorsports or bicycling, or other activities of a similar nature; or (iv) timber harvesting above or beyond general land maintenance activities.

B. **Trench Area Restrictions and Obligations:** In addition to the other restrictions and obligations set forth in this Covenant that apply to the Property generally, the following restrictions shall apply to the portion of the Property commonly known

as the Trench Area and more fully described on Exhibit C hereto (the Trench Area):

- i. The existing clay and vegetative cap in the Trench Area, as shown on Exhibit C, shall be maintained by Owner/Transferee in perpetuity. Such maintenance shall include, but not be limited to, performing (i) periodic regrading and repair to ensure surface water drains from the Trench Area; (ii) regular mowing and maintenance of the vegetative cover in the Trench Area to prevent the growth of saplings and other vegetation that could either then or with the passage of time affect the integrity of the Trench Area cap; or (iii) any other repairs or maintenance activities reasonably approved by the Departments to be necessary for the long-term integrity of the Trench Area cap.
 - ii. The barbed-wire fence surrounding the Trench Area, as shown on the attached Exhibit C, shall be maintained in good repair by Owner/Transferee in perpetuity. Signage advising individuals entering the Property to refrain from entering the Trench Area unless expressly authorized by the Owner/Transferee shall be clearly posted and maintained on the Trench Area fence in both English and Spanish languages.
 - iii. The existing survey markers delineating the boundaries of the Trench Area shall not be disturbed or removed, and shall be maintained by Owner/Transferee and shall be practical to locate and identify.
- C. Property Boundary Fence Maintenance: A boundary fence on the north, south, and west sides of the Property shall be maintained in good repair by Owner/Transferee. "Private Property; No Trespassing/No Hunting" signage or similar signage reasonably likely to come to the attention of potential trespassers shall be posted at various locations along said boundary fence in both English and Spanish languages.
- D. No Drilling or Use of Groundwater: In addition to any applicable state or local well use restrictions, the following restrictions shall apply to the Property:
- i. Groundwater from the Property shall not be consumed or otherwise used for any purpose, except for the collection of samples for environmental analysis purposes, collection or treatment of groundwater for remedial purposes, or collection or treatment of groundwater as part of excavation or construction activities.
 - ii. There shall be no drilling or other artificial penetration of any groundwater-bearing unit(s) containing contaminants, unless performed in accordance with a work plan approved by one or both of the Departments.
 - iii. Installation of any new groundwater wells on the Property is prohibited, except for wells used for investigative, monitoring, and/or remediation purposes installed in accordance with a work plan approved by one or both of the Departments.

- E. **Building Restrictions:** No building(s) on a permanent foundation shall be constructed, located, or placed on the Property without written approval of the Departments.

If Owner or any Transferee desires in the future to use the Property for any purpose or in any manner that is prohibited by this Covenant, the Departments and the Holder must be notified in advance in writing so that a Modification, Temporary Deviation, or Termination request can be considered as described below. Further analyses and/or response actions may be required before any such use.

3. **Running with the Land.** This Covenant shall be binding upon Owner and Owner's heirs, successors, assigns, and other transferees in interest (collectively referred to as Transferees) during their period of ownership, and shall run with the land, as provided in Section 260.1012, RSMo, subject to amendment or termination as set forth herein. The term "Transferee(s)," as used in this Covenant, shall mean any future owner of any interest in the Property or any portion thereof, including, but not limited to, owners of an interest in fee simple, mortgagees (subject to applicable lender liability protections prescribed by law), easement holders, and/or lessees. Each transferee shall be deemed to be a party hereto for purposes of the terms and conditions of this Covenant.

4. **Location of Files and Records.** Records of the environmental response project described above are currently located in the Support Agency's office in Jefferson City, Missouri. Information regarding the project may be obtained from the Support Agency through a request under Chapter 610, RSMo, commonly referred to as the Missouri Sunshine Law, to the Support Agency's Custodian of Records, referencing the site identification name of Syntex Facility Superfund Site, Verona, Missouri. Records of the environmental response project are also located in the Lead Agency's office in Lenexa, Kansas. Information regarding the project may be obtained from the Lead Agency through a request pursuant to the Freedom of Information Act.

5. **Enforcement.** Compliance with this Covenant may be enforced as provided in Section 260.1030, RSMo. Failure to timely enforce compliance with this Covenant or the activity and use limitations contained herein by any party shall not bar subsequent enforcement by such party and shall not be deemed a waiver of the party's right to take action to enforce any non-compliance. Nothing in this Covenant shall restrict any person from exercising any authority under any other applicable law.

In addition to or in lieu of any other remedy authorized by law, prior to taking legal action to enforce this Covenant, the Departments may require Owner/Transferee to submit a plan to investigate and/or correct any alleged violation of this Covenant. If such Owner/Transferee fails to act within the required timeframe or if the Departments finds a proposed remedy unacceptable, the Departments may pursue any remedy authorized by law.

6. **Right of Access.** Owner, on behalf of itself and any Transferees, hereby grants to the Holder and the Departments and their respectively authorized agents, contractors, and employees, the right to access the Property at all reasonable times for implementation, monitoring, inspection, or enforcement of this Covenant and the related environmental response project. Nothing herein shall be deemed to limit or otherwise impede the Departments' rights of access and entry under federal or state law or other agreement. The Parties recognize that access to the Property is across real property currently owned by BCP Ingredients, Inc. to the east of the Property

and is the subject of a recorded access easement across BCP's property.

7. **Compliance Reporting.** Owner/Transferee shall submit to Holder and the Departments, by no later than January 31 of each year, documentation verifying that the activity and use limitations imposed hereby were in place and complied with during the preceding calendar year. The Compliance Report shall include the following statement, signed by Owner/Transferee:

I certify that to the best of my knowledge, after thorough evaluation of appropriate facts and information, the information contained in or accompanying this submission is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

In the event that an Owner, Transferee, Holder, or a Department becomes aware of any noncompliance with the activity and use limitations described in Paragraph 2 above, such person or entity shall notify all other Parties to this Covenant in writing as soon as possible, but no later than 10 business days thereafter.

8. **Additional Rights.** None Specified.

9. **Notice upon Conveyance.** Each instrument hereafter conveying any interest in the Property or any portion of the Property shall contain a notice of the activity and use limitations set forth in this Covenant, and provide the recording reference for this Covenant. The notice shall be substantially in the following form:

THE INTEREST CONVEYED HEREBY IS SUBJECT TO AN ENVIRONMENTAL COVENANT, DATED _____ RECORDED IN THE OFFICE OF THE RECORDER OF DEEDS OF LAWRENCE COUNTY, MISSOURI, ON _____ AS DOCUMENT _____, BOOK _____, PAGE _____.

Owner/Transferee shall notify Holder and the Departments within 10 days following each conveyance of an interest in any portion of the Property. The notice shall include the name, address, and telephone number of the Transferee, and a copy of the deed or other documentation evidencing the conveyance.

10. **Representations and Warranties.** Owner hereby represents and warrants to the Departments:

- A. that Owner has the power and authority to enter into this Covenant, to grant the rights and interests herein provided and to carry out all of Owner's obligations hereunder;
- B. that this Covenant will not materially violate or contravene or constitute a material default under any other agreement, document, or instrument to which Owner is a party or by which Owner may be bound or affected; and

- C. Owner is the sole owner of the Property in fee simple, which is not subject to a mortgage, deed of trust, or other lien. Certain portions of the Property are or may be subject to reservations of mineral rights and easements and restrictions of record. In the event any person seeks to enter the Property and exercise rights pursuant to such reservations, easements, or restrictions, Owner/Transferee shall provide notice as described in Paragraph 16.

11. **Amendments, Termination, and Temporary Deviations.** This Covenant may be amended or terminated by approval of the Departments, Holder, and the current Owner/Transferee of record at the time of such amendment or termination, pursuant to Section 260.1027, RSMo. Any other Parties to this Covenant hereby waive the right to consent to any amendment to, or termination of, this Covenant. Following signature by all requisite persons or entities on any amendment or termination of this Covenant, Owner/Transferee shall record and distribute such documents as described below.

Temporary deviations from the obligations or restrictions specified in this Covenant may be approved by the Departments in lieu of a permanent amendment to this Covenant. Owner/Transferee may submit a written request to the Departments to temporarily deviate from specified requirements described herein for a specific purpose and timeframe, which shall not exceed 90 days. Any such request shall be transmitted to the Holder and the Departments as described below. The request must specifically invoke this paragraph of this Covenant, fully explain the basis for such temporary deviation, and demonstrate that protection of human health and the environment will be maintained. The Departments shall evaluate the request and convey approval or denial in writing. Owner/Transferee may not deviate from the requirements of this Covenant unless and until such approval has been obtained.

12. **Severability.** If any provision of this Covenant is found to be unenforceable in any respect, the validity, legality, and enforceability of the remaining provisions shall not in any way be affected or impaired.

13. **Governing Law.** This Covenant shall be governed by and interpreted in accordance with the laws of the State of Missouri.

14. **Recordation.** Within 30 days after the date of the final required signature upon this Covenant or any amendment or termination thereof, Owner shall record this Covenant with the Recorder of Deeds for Lawrence County, Missouri. Owner shall be responsible for any costs associated with recording this Covenant.

15. **Effective Date.** The effective date of this Covenant shall be the date upon which the fully executed Covenant has been recorded with the office of the recorder of the county in which the Property is situated.

16. **Distribution of Covenant.** Within 30 days following the recording of this Covenant, or any amendment or termination of this Covenant, Owner/Transferee shall, in accordance with Section 260.1018, RSMo, distribute a file- and date-stamped copy of such Covenant along with any amendment or termination, as recorded with the appropriate recorder of

deeds (including book and page numbers) to: (a) each of the Parties hereto; (b) each person holding a recorded interest in the Property, including any mortgagees or easement holders; (c) each person in possession of the Property; (d) each municipality or other unit of local government in which the Property is located; and (e) any other person designated herein. Upon receiving notice of any person's intent to enter the Property to conduct activities reasonably expected to interfere with the activity and use limitations contain in paragraph 2 above, Owner/Transferee shall (i) notify such person, in writing, of this Covenant and the activity and use restrictions contained in Paragraph 2 of this Covenant and (ii) take all reasonable measures to ensure that such person complies with the terms and provisions of this Covenant.

17. **Contact Information.** Any document or other item required by this Covenant to be given to another party hereto shall be sent to:

If to Owner:

Syntex Agribusiness, Inc.
Legal Department
1 DNA Way (MS-49)
South San Francisco, CA 94080

If to Holder:

Syntex Agribusiness, Inc.
Legal Department
1 DNA Way (MS-49)
South San Francisco, CA 94080

If to MDNR:

Project Manager – Syntex Facility Superfund Site
Missouri Department of Natural Resources
Environmental Remediation Program
P.O. Box 176
Jefferson City, MO 65102-0176

If to USEPA:

Project Manager – Syntex Facility Superfund Site
U.S. Environmental Protection Agency – Region VII
11201 Renner Blvd.
Lenexa, KS 66219

Upon the transfer of fee simple title to a Transferee, such Transferee shall be deemed to be substituted for Owner for purposes of this provision. Owner/Transferee, Holder, or the Departments may change the designated recipient of such notices by providing written notice of the same to each other. If any notice or other submittal under this Covenant is received by a former Owner/Transferee who no longer has an interest in the Property, then such former

Owner/Transferee shall notify the Departments, the Holder, and the current Owner/Transferee of the Property regarding the misdirected communication. In the event any designated recipient receives any notice hereunder at a time that he or she no longer serves as a designated representative, such individual shall have an affirmative duty to (i) notify the sender of the notice of the mistaken delivery and (ii) attempt to forward the received notice to the currently designated recipient, if known.

18. **Reservation of Rights.** This Covenant is a necessary component of the environmental response project described above. Nothing in this Covenant shall be construed so as to relieve any Owner/Transferee from the obligation to comply with this Covenant during their period of ownership, or the obligation to comply with any other source of law. This Covenant is not a permit, nor does it modify any permit, order, agreement, decree, or judgment issued under any federal, State, or local laws or regulations, and the Departments do not warrant or aver in any manner that an Owner/Transferee's compliance with this Covenant will constitute compliance with any such requirements. The Departments reserve all legal and equitable remedies available to enforce this Covenant or any other legal requirement, and/or to address any release or threat of release that may present an imminent and substantial endangerment to the public health or welfare or the environment arising at, or posed by, the Property. Nothing herein shall be construed so as to prevent a Department or Holder from taking any independent actions as allowed by law.

19. **Defined Terms.** Terms used but not defined in this Covenant shall have the meanings assigned to them in the Missouri Environmental Covenants Act.

20. **Recitals.** The recitals set forth above are hereby incorporated into this Covenant by reference.

[Signature Pages to Follow]

The undersigned represent and certify that they are authorized to sign this Covenant on behalf of their respective Parties.

IT IS SO AGREED:

FOR OWNER:

By: Bruce Resnick

Date: 3-8-22

Name: Bruce Resnick
Title: Treasurer
Address: Syntex Agribusiness, Inc.
Legal Department
1 DNA Way (MS-49)
South San Francisco, CA 94080

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA)

COUNTY OF _____)

On this ____ day of _____, 2022, before me, _____ personally appeared Bruce Resnick, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____ (Seal)

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of San Mateo)

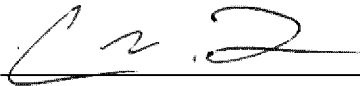
On March 8, 2022 before me, Carlos Rios, Notary Public
(insert name and title of the officer)

personally appeared Bruce Ira Resnick
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

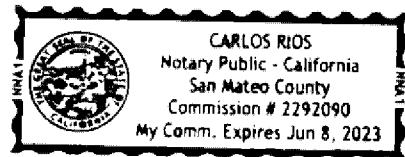
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature



(Seal)



FOR HOLDER:

By: Bruce Resnick

Date: 3-8-22

Name: Bruce Resnick
Title: Treasurer
Address: Syntex Agribusiness, Inc.
Legal Department
1 DNA Way (MS-49)
South San Francisco, CA 94080

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA)
)
COUNTY OF _____)

On this ____ day of _____, 2022, before me, _____ personally appeared Bruce Resnick, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____ (Seal)

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of San Mateo)

On March 8, 2022 before me, Carlos Rios, Notary Public
(insert name and title of the officer)

personally appeared Bruce Ira Resnick
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature  (Seal)

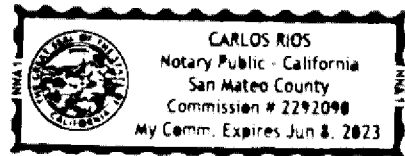


EXHIBIT A PROPERTY DIAGRAM

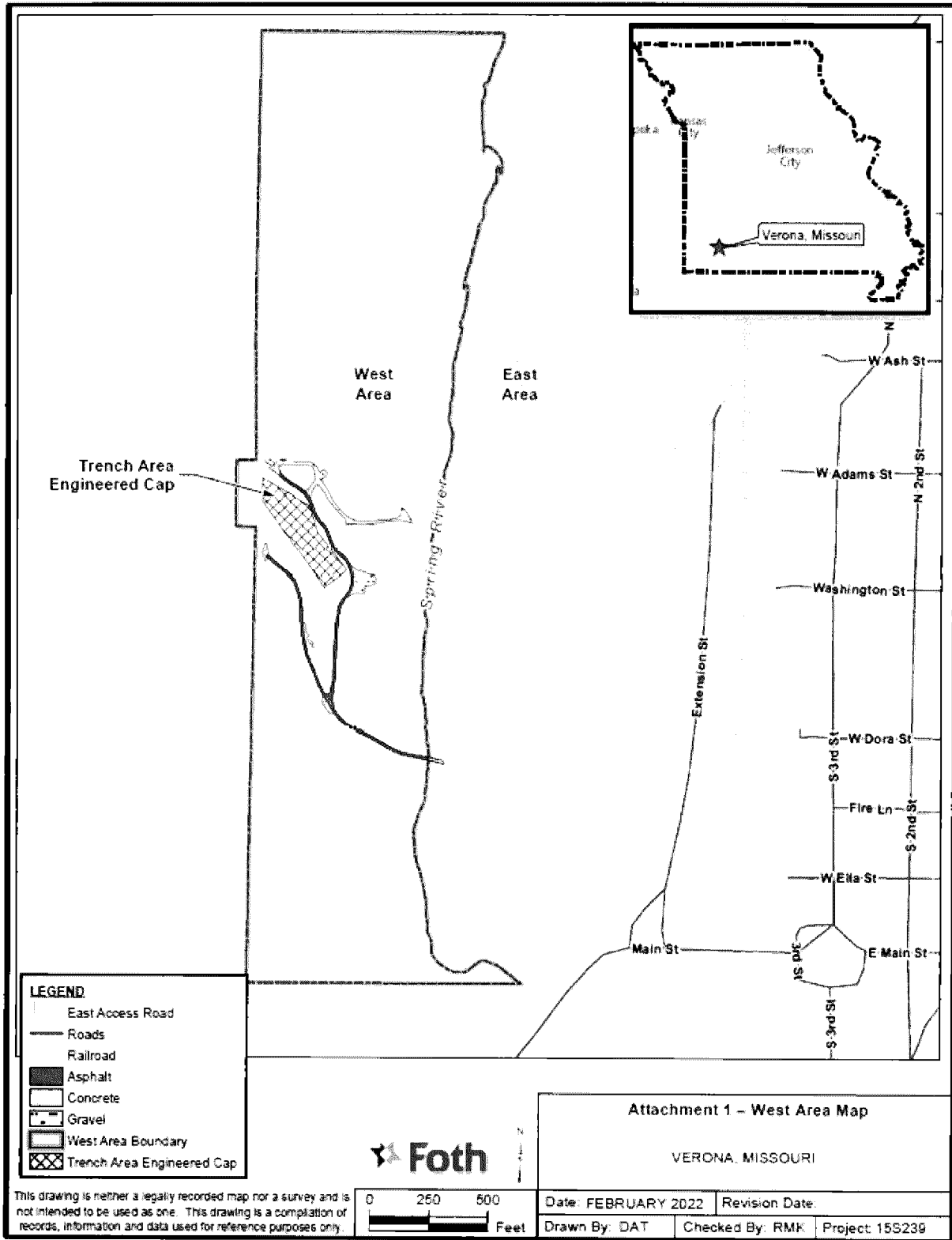


EXHIBIT B
LEGAL DESCRIPTION

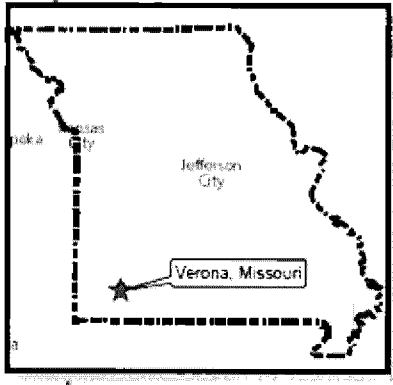
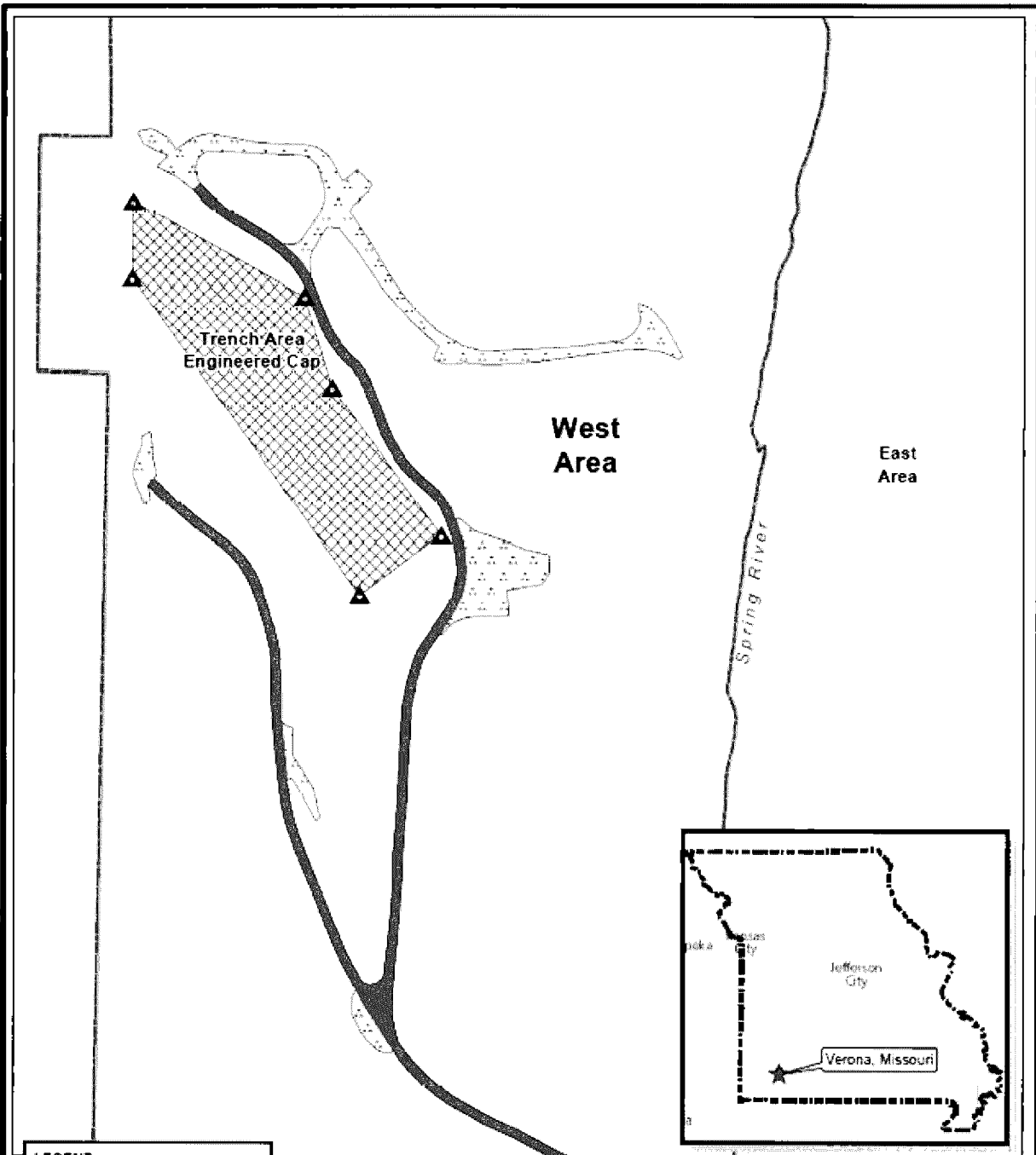
TRACT NO. 1:

PART OF THE SOUTHWEST QUARTER (SW1/4) OF THE NORTHWEST QUARTER (NW1/4) OF SECTION 17, TOWNSHIP 26, RANGE 26, LAWRENCE COUNTY, MISSOURI, DESCRIBED AS FOLLOWS: BEGINNING 584 FEET NORTH OF THE SOUTHEAST CORNER THEREOF, THENCE WEST 82.0 FEET, THENCE NORTH 268.0 FEET, THENCE EAST 82.0 FEET, THENCE SOUTH 268.0 FEET TO THE POINT OF BEGINNING; AND THE NORTHEAST QUARTER (NE 1/4) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 17, TOWNSHIP 26, RANGE 26, LAWRENCE COUNTY, MISSOURI, ALL LYING WEST OF SPRING RIVER AS THE SAME IS NOW LOCATED.

TRACT NO. 2:

THE SOUTHEAST QUARTER (SE 1/4) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 17 AND THE NORTHEAST QUARTER (NE1/4) OF THE SOUTHWEST QUARTER (SW1/4) OF SECTION 17, ALL IN TOWNSHIP 26, RANGE 26, LAWRENCE COUNTY, MISSOURI, LYING WEST OF SPRING RIVER AS THE SAME IS NOW LOCATED.

**EXHIBIT C
TRENCH AREA DIAGRAM**



LEGEND

	Survey Monument
	Asphalt
	Gravel
	West Area Boundary
	Trench Area Engineered Cap

This drawing is neither a legally recorded map nor a survey and is not intended to be used as one. This drawing is a compilation of records, information, and data used for reference purposes only.



Attachment 2 – Trench Area Map		
VERONA, MISSOURI		
Date: FEBRUARY 2022	Revision Date:	
Drawn By: DAT	Checked By: RMK	Project: 15S239

APPENDIX G

HYDROLOGY, GEOLOGY, AND HYDROGEOLOGY

HYDROLOGY, GEOLOGY, AND HYDROGEOLOGY

The Site is in the upper Spring River watershed, which drains an area of approximately 25 square miles upgradient to the Site. The segment of the Spring River that flows through the Site averages a flow of approximately 10 cubic feet per second. Due to the presence of springs in the watershed above the Site, flow is perennial, although very low flow rates are possible during extreme drought. Periods of intense and/or prolonged precipitation in the area can result in temporary flooding of the East Area of the Site, although there are engineered structures to limit the effect of flooding on plant operations.

The Site is within the Springfield Plateau physiographic province of the Ozark Plateau physiographic region. The Springfield Plateau is mainly an undulating to rolling plain. Bedrock is found at varying depths and consists mostly of limestone with varying amounts of chert. The bedrock is mantled by unconsolidated surficial deposits of residuum, loess, and alluvium. The East Area of the Site is within the Spring River floodplain, which features numerous abandoned meanders. One abandoned meander ran generally from south to north through what is now the center of the manufacturing facility on the East Area. As the facility expanded since its construction in the 1960s, this channel was diverted, and the abandoned meander filled. The West Area of the Site is an upland area.

The Site lies within the Springfield Plateau groundwater province, which occupies the southwestern and central-western part of Missouri. The aquifer system is regionally extensive and underlies most of southwestern Missouri and extends into bordering states. Regionally, the aquifer system generally slopes to the northwest. The Springfield Plateau Aquifer is the uppermost aquifer and crops out in the area. It consists of medium crystalline to coarsely crystalline bedded limestone containing abundant quantities of gray chert. The Ozark Confining Unit underlies the Springfield Plateau Aquifer and hydraulically separates this aquifer from the deeper Ozark Aquifer. The Ozark Confining Unit consists of approximately 10 feet of green-gray silty limestone to a green to brown shale, and 20 ft of cherty light-gray to greenish-gray limestone having low porosity. The Ozark Aquifer is a confined aquifer, between 1,200 and 1,400 feet thick, that consists of mostly dolomites and limestones. The Ozark Aquifer is preferentially used as a source of high-quality water by private, municipal, and industrial entities in southwest Missouri. The St. Francois Confining Unit beneath the Ozark aquifer consists of low permeability shales and dolomite that hydrologically separate it from the underlying St. Francois Aquifer.

In the West Area of the Site, the weathered and eroded bedrock units of the Springfield Plateau Aquifer are mantled by unconsolidated surficial deposits of residuum of varying thickness from about 10- to 67-feet thick. Beneath the Trench Area, the thickness of the unconsolidated deposits ranges from 42 to 56 feet. The water table is at or near the interface of the bedrock and residuum and generally mimics topography. Groundwater flow is generally to the east and southeast towards the Spring River.

In the East Area of the Site, unconsolidated deposits from the ground surface downward consist of silt alluvium, clayey gravel and sand alluvium, and residuum. The thickness of each soil type varies, but their combined ranges from 11 to 50 feet. This is a result of the highly irregular eroded and non-planar bedrock surface below. The thinnest deposits are typically found along the western margin of the Spring River valley where the depth to bedrock ranges from about 10 to 20 feet. Soils generally become thicker from west to east, away from the uplands and into the Spring River valley. Moving north from the East Area, the bedrock surface shows a more pronounced slope to the east, with unconsolidated deposits ranging up to 81 feet in thickness.

The bedrock underlying soil at the East Area and the North Property is a cherty limestone of the Elsey-Reeds Spring Formation, part of the Springfield Plateau Aquifer. This limestone is susceptible to dissolution from acids present in rain water and soil, thus forming an irregular bedrock surface comprised of pinnacles (bedrock highs) and cutters (bedrock lows).

In the East Area, the potentiometric surface in the shallow unconfined aquifer indicates groundwater flow in a northward direction with the Spring River valley. In the West Area, groundwater flow direction generally mimics ground surface topography and is to the east and south towards the Spring River valley.

APPENDIX H
COMMUNITY INTERVIEWS

INTERVIEW RECORD

Site Name: Syntex Facility	EPA ID No.: MOD007452154
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Subject: Five-Year Review	Date and Time: 10/6/2021 10:50:20 AM
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Type: <input checked="" type="checkbox"/> Telephone <input type="checkbox"/> Visit <input type="checkbox"/> Other Location of Visit: N/A	<input type="checkbox"/> Incoming <input checked="" type="checkbox"/> Outgoing
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Contact Made By:

Name: Pam Houston / Brian Zurbuchen	Title: Community Involvement Coordinator / Remedial Project Manager	Organization: EPA
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Individual Contacted: *Information redacted for privacy*

Name:	Title:	Organization:
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Telephone No:	Street Address:
Fax No:	City, State, Zip:
E-Mail Address:	

Summary Of Conversation

1. Tell us what you know about the Syntex Facility Superfund Site.
What is found on EPA and MoDNR websites.
2. How long have you lived or worked in this community, at this address?
 - 12 Years
3. What effects have site operations had on the surrounding community?
 - I don't know what you mean by this question. BCP employees won't report to you about the restricted zones.
4. Do you have any concerns about the site (i.e. health, economic property value, environment, community/agency involvement, media, future use of the site)?
 - All of the above. BCP is not being held responsible for the contamination. EPA is hands off with BCP. There are hunters on the property and if they are eating the deer and turkey those should be tested before they are eaten.
5. How close do you live or work to the Syntex Facility Superfund Site?
 - Between 0 and .5 miles
6. What is the best way to provide you with information about the site cleanup? (Please Rank)
Internet;Community Meetings;Fact sheets;Public Notices;News Media;Workshops;
7. How often would you prefer to receive information about the site? (Please Rank)
Monthly ;Significant Changes ;Quarterly;Weekly;
8. Are you familiar with the site repository for the site?

It use to be at City Hall

9. What newspapers, newsletters, church bulletins, local websites, or blogs do you read regularly?
 - Monet Times, Springfield Ledger
10. What do you think is the most important environmental problem facing your community currently?
 - The entire Syntex Facility Site. BCP is not being held responsible for the contamination. Hunters that are eating the deer and the turkey they kill at the site. Flooding at least one or twice a year.
11. Who do you consider to be leaders in the community?
 - No one
12. Who do you consider to be most credible locally when it comes to environmental issues?
 - No one
13. Are you aware of any community concerns regarding the site or its operation and administration? If so, please explain.
 - BCP is not being held responsible for the contamination. EPA is hands off with BCP.
14. Are you aware of any events, incidents, or activities at the site (i.e. vandalism, trespassing, emergency responses)? If so, please explain.
 - Hunters have been seen on the site and they typically entered on the side by the Amish.
15. Who should we speak with to learn of any stakeholder concerns about the site?
 - I don't know who would be considered experts. This is not a tight knit community.
16. Are you affiliated with any civic organizations? If so, which one(s)?
 - No
17. Is there anyone else that you think might be useful for us to talk with about the site?
 - No
18. Is there anything else you would like to share about the site?
 - I have a few questions for the project manager.

INTERVIEW RECORD

Site Name: Syntex Facility	EPA ID No.: MOD007452154
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Subject: Five-Year Review	Date and Time: 10/7/2021 11:01:31 AM
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Type: <input checked="" type="checkbox"/> Telephone <input type="checkbox"/> Visit <input type="checkbox"/> Other Location of Visit: N/A	<input type="checkbox"/> Incoming <input checked="" type="checkbox"/> Outgoing
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Contact Made By:

Name: Pam Houston / Brian Zurbuchen	Title: Community Involvement Coordinator / Remedial Project Manager	Organization: EPA
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Individual Contacted: *Information redacted for privacy*

Name:	Title:	Organization:
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Telephone No:	Street Address:
Fax No:	City, State, Zip:
E-Mail Address:	

Summary Of Conversation

1. Tell us what you know about the Syntex Facility Superfund Site.
 They expanded it when they purchased the farm that comes to my fence line which it didn't before. The flood of May wiped out an 8 foot fence along both sides of the river when they finally replaced a few weeks ago. I've seen no progress toward the chemical portion of the site. They keep the ground mowed.
2. How long have you lived or worked in this community, at this address?
 - 2011/2013
3. What effects have site operations had on the surrounding community?
 - We hear a bit about it. Folks are kind of angry. With EPA and the perception they didn't do enough.
4. Do you have any concerns about the site (i.e. health, economic property value, environment, community/agency involvement, media, future use of the site)?
 - Major concern is the well water quality. The chemical that has been showing up does have affect on human health. When we were having problems it thinned my blood and made me anemic. Two years ago my health has improved quite a bit. I don't have the same joint problems and my anemia has improved a little bit.
5. How close do you live or work to the Syntex Facility Superfund Site?
 - Between 0 and .5 miles
6. What is the best way to provide you with information about the site cleanup? (Please Rank)

Internet;Community Meetings;Public Notices;Fact sheets;Workshops;News Media;

7. How often would you prefer to receive information about the site? (Please Rank)

Quarterly;Significant Changes ;Monthly ;Weekly;

8. Are you familiar with the site repository for the site?

No

9. What newspapers, newsletters, church bulletins, local websites, or blogs do you read regularly?

- None of those. My main places of information that I go to the EPA website and the CDC website. We check our email a few times a day. KY3 is the local news in Springfield.

10. What do you think is the most important environmental problem facing your community currently?

- The groundwater quality. That bothers me because it can travel.

11. Who do you consider to be leaders in the community?

- It's not like a normal city although it has a Mayor. It's more county for us not the city. We can't even vote for the Mayor. We're a mile NW of Verona.

12. Who do you consider to be most credible locally when it comes to environmental issues?

- That is a tough one. Some of the farmers and ranchers that surround the site. They are my neighbors. I get a bit of info from them. One of them worked for the facility at one time. Actually a couple of them. Occasionally they will drop information on me over the last 9 years.

13. Are you aware of any community concerns regarding the site or its operation and administration? If so, please explain.

- The site people themselves are very closed lip. BCP was in the news last night. I don't remember what they said on KY3 last night about it. Department of Labor fines against BCP safety health violation.

14. Are you aware of any events, incidents, or activities at the site (i.e. vandalism, trespassing, emergency responses)? If so, please explain.

- No

15. Who should we speak with to learn of any stakeholder concerns about the site?

- I'm at a loss. I'm not to active in the community what little community their is. I do know a few of the neighbors. The move of the neighbors has been significant. One neighbor will be closing on his property in November.

16. Are you affiliated with any civic organizations? If so, which one(s)?

- No

17. Is there anyone else that you think might be useful for us to talk with about the site?

- There are a couple people Junior (Fred) Davis use to own this property. Ralph McKnight. He lives on the same road just 3 miles west of us. Ralph did work at the facility. They have attended the public meetings as well.

18. Is there anything else you would like to share about the site?

- I don't think so.

INTERVIEW RECORD

Site Name: Syntex Facility	EPA ID No.: MOD007452154
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Subject: Five-Year Review	Date and Time: 10/29/2021 4:31:54 PM
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Type: <input checked="" type="checkbox"/> Telephone <input type="checkbox"/> Visit <input type="checkbox"/> Other Location of Visit: N/A	<input type="checkbox"/> Incoming <input checked="" type="checkbox"/> Outgoing
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Contact Made By:

Name: Pam Houston / Brian Zurbuchen	Title: Community Involvement Coordinator / Remedial Project Manager	Organization: EPA
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Individual Contacted: *Information redacted for privacy*

Name:	Title:	Organization:
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Telephone No:	Street Address: City, State, Zip:
Fax No:	
E-Mail Address:	

Summary Of Conversation

1. Tell us what you know about the Syntex Facility Superfund Site.
They made Dioxin and its buried and disposed of it but they are monitoring the site for safety.
2. How long have you lived or worked in this community, at this address?
 - 3 or 4 years
3. What effects have site operations had on the surrounding community?
 - It has a lot of people afraid of their property values and their health. (Long-term monitoring) I'm the one that started it all calling the news and you and I've been happy with the response. Its makes us feel better. I don't have any complaints we just want to be kept informed. It's been better. The Amish lived here they weren't going to make a big deal of anything. The monitoring need to be done. I've only dealt with you.
4. Do you have any concerns about the site (i.e. health, economic property value, environment, community/agency involvement, media, future use of the site)?
 - Every bit of it. The knowledge that people have affects what's going on here. People would be afraid. I keep all the test results just in case you have to defend yourself when you try to sell your place. My family hunts and we're unsure if the hunting is transferrable. There is also a smell but it's from the BCP. You are watching our well. We bath and brew coffee but we drink bottled water. Everyone seams to be fine. We haven't had any problem. We feel better you are testing the wells.
5. How close do you live or work to the Syntex Facility Superfund Site?

- Between 0 and .5 miles
6. What is the best way to provide you with information about the site cleanup? (Please Rank)
Fact sheets;Public Notices;News Media;Internet;Community Meetings;Workshops;
 7. How often would you prefer to receive information about the site? (Please Rank)
Significant Changes ;Quarterly;Monthly ;Weekly;
 8. Are you familiar with the site repository for the site?
No
 9. What newspapers, newsletters, church bulletins, local websites, or blogs do you read regularly?
 - The Monett Times, The Mt Vernon paper
 10. What do you think is the most important environmental problem facing your community currently?
 - The dioxin everyone is concerned about it. It's not as much of a concern now that you are monitoring our well. Any kind of contaminant. There are so many factories around us. Its on everyone's mind here
 11. Who do you consider to be leaders in the community?
 - We're a tiny town. We don't have anyone to answer to. It's not like any other place you are use to dealing with. EPA has more power than anyone to be governing in Verona.
 12. Who do you consider to be most credible locally when it comes to environmental issues?
 - You would hope its the EPA.
 13. Are you aware of any community concerns regarding the site or its operation and administration? If so, please explain.
 - Everyone has it in the back of their mind their property and property values and what can they discover next.
 14. Are you aware of any events, incidents, or activities at the site (i.e. vandalism, trespassing, emergency responses)? If so, please explain.
 - Six months ago there was in the middle of the night there were fire trucks at one of the factories. It scared everyone but I'm not sure which factory it was. Your not sure what the factories make and all the flood that comes through is another thing. Anything that was out in that Superfund site washed out with the last flood.
 15. Who should we speak with to learn of any stakeholder concerns about the site?
 - Just the neighbors the Kooi's that live near by.
 16. Are you affiliated with any civic organizations? If so, which one(s)?

- No

17. Is there anyone else that you think might be useful for us to talk with about the site?

- Kooi's live down by the Church farm across the street from the site.

18. Is there anything else you would like to share about the site?

- Were all the barrels removed or are there still some underground.

INTERVIEW RECORD

Site Name: Syntex Facility		EPA ID No.: MOD007452154
Subject: Five-Year Review		Date and Time: 11/10/2021 2:22:46 PM
Type: <input checked="" type="checkbox"/> Telephone <input type="checkbox"/> Visit <input type="checkbox"/> Other Location of Visit: N/A		<input type="checkbox"/> Incoming <input checked="" type="checkbox"/> Outgoing
Contact Made By:		
Name: Pam Houston / Brian Zurbuchen	Title: Community Involvement Coordinator / Remedial Project Manager	Organization: EPA
Individual Contacted: <i>Information redacted for privacy</i>		
Name:	Title:	Organization:
Telephone No:	Street Address:	
Fax No:	City, State, Zip:	
E-Mail Address:		
Summary Of Conversation		
<ol style="list-style-type: none"> 1. Tell us what you know about the Syntex Facility Superfund Site. Would like to receive information directly from EPA the city could distribute to the community. In the 80s there was a effort on the part of gov agency to clean up dioxin that was a biproduct of a facility in town. The toxins were buried across a wide area. Some toxins made it to Times Beach and in Mo and the Denny Farm and the barrels are buried across the way here as well. EPA believes a cap will keep the toxins in tact that is not a safe way to My father passed away from agent orange so I know a little bit a bout that I can tell you there is no one here over the age of 40 that wouldn't know what the dioxin problem is about. 2. How long have you lived or worked in this community, at this address? <ul style="list-style-type: none"> • 2017 worked Never lived far from the area since I was 6 years old. Friends & relatives in the area since I was a kid. 3. What effects have site operations had on the surrounding community? <ul style="list-style-type: none"> • There haven't been any site operations since they dismantled the facility. There has been a lot of testing but not much. Just a lot of concern that it is moderately neglected 4. Do you have any concerns about the site (i.e. health, economic property value, environment, community/agency involvement, media, future use of the site)? <ul style="list-style-type: none"> • There will be no future use of the site. The site is so badly contaminated. It is currently housing barrels there permanantly. No one will be using that ever. The main concern is what happens when those barrels rupture. That is not a permanent solution to holding the stuff a stones throw from everyone's house. 5. How close do you live or work to the Syntex Facility Superfund Site? 		

- Between 0 and .5 miles
6. What is the best way to provide you with information about the site cleanup? (Please Rank)
Community Meetings;Fact sheets;Workshops;News Media;Public Notices;Internet;
7. How often would you prefer to receive information about the site? (Please Rank)
Monthly ;Significant Changes ;Quarterly;Weekly;
8. Are you familiar with the site repository for the site?
Yes
9. What newspapers, newsletters, church bulletins, local websites, or blogs do you read regularly?
 - Facebook page from the City Government
10. What do you think is the most important environmental problem facing your community currently?
 - Ethylene Oxide and the Dioxin
11. Who do you consider to be leaders in the community?
 - The Mayor and the City Council that is who people look to
12. Who do you consider to be most credible locally when it comes to environmental issues?
 - Pam Dorton
13. Are you aware of any community concerns regarding the site or its operation and administration? If so, please explain.
 - Everybody has a concern. We have a dioxin plume that has been in wells and a trench with something in it and contaminated dirt and air with pollution in it. We have concerns about the administration of the entire thing
14. Are you aware of any events, incidents, or activities at the site (i.e. vandalism, trespassing, emergency responses)? If so, please explain.
 - On May 17th there was a flash flood and unusual flood event. That was strong enough to move portable building and wash a car downstream and forced people out of their home and all of that happened near the area.
15. Who should we speak with to learn of any stakeholder concerns about the site?
 - Make sure the council and the Mayor is informed of and the fire chief and county commissioners and the emergency
16. Are you affiliated with any civic organizations? If so, which one(s)?
 - No, work for the city
17. Is there anyone else that you think might be useful for us to talk with about the site?
 - Lenard Claude Carr, Peggy Paynter, George Strawn
18. Is there anything else you would like to share about the site?

- I have lived here since I was 6 years old I haven't lived more than 10 miles from here. My brother worked for a year. My father died of dioxin I'm familiar with it. He was exposed to Agent Orange.