CTEH®

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SOUTH 4 GROUP FIRE

Port Neches, Texas

Preliminary Surface Water Sampling

Summary

December 10, 2019

Project #112312

1.0 Introduction

On November 27, 2019 at approximately 04:00 Central Standard Time (CST), TPC Group requested that CTEH® provide water sampling support in response to a tank fire at their facility located in Port Neches, Texas. CTEH® arrived on-site on November 27, 2019 at approximately 08:00 CST and began real-time air monitoring and analytical air sampling operations surrounding the site of the event. Upon arrival on site, TPC Group requested CTEH® to perform water sampling activities associated with fire water runoff and surrounding surface water.

Surface water sampling efforts have been largely focused on areas in proximity to outfall locations as these reflect the downstream movement of potential effluent from the TPC facility and neighboring industries. Water samples from two background locations were collected for results comparison. This report summarizes results from surface water samples collected from November 27, 2019 to December 7, 2019.

2.0 Methods

2.1 Water Sampling

CTEH® developed and implemented an Environmental Sampling and Analysis Plan (ESAP) to document and quantify the potential release of runoff liquids from the incident. The ESAP was approved by local, state, and federal representatives of the on-site Unified Command (UC). In accordance with the ESAP, surface water samples were collected at various locations to delineate the extent and nature of potential impact related to the fire and associated response activities. A sampling summary, including locations, descriptions and samples collected to date are listed in **Table 1**. All samples were sent to third-party National Environmental Laboratory Accreditation Program (NELAP)-accredited laboratories for analysis using state or federal analytical methods, listed in **Table 2**. To ensure completeness, each laboratory report is also undergoing data verification and/or validation by an independent contractor.

The naming scheme for sampling involves the following:

PN = Port Neches; TX = Texas; date (MonthXXDayXX); XY (X = fire water, Y = environmental water); Sample identification serial number by day (XXX); Sample team A or B. (Example: PNTX1201X010A)

ED_004345_00000673-00002

Table 1. Surface Water Sampling Locations and Descriptions (see map in Attachment A)

Location Code	Location Description	Sample Frequency*	Samples Collected to Date	Results Received to Date (VOCs)	Results Received to Date (Asbestos)	Sample Start Date	Sample End Date
WS000	Background; Huntsman Dock at Neches River; NE of TPC	On Demand	1	1	0	11/27/2019	11/27/2019
WS001	Port Neches, near Atlantic Road; downstream from Outfall 001 (permitted discharge location)	2/Day	23	17	12	11/28/2019	Ongoing
WS002	Water Treatment Wetlands Outlet; Outfall 004 (permitted discharge location)	2/Day	22	16	10	11/27/2019	Ongoing
WS003	Orchard Avenue on Bridge over 001 Canal	2/Day	21	16	13	11/28/2019	Ongoing
WS004	Atlantic Road N of Atlantic Canal; upstream of Outfall 001 (permitted discharge location)	2/Day	21	16	11	11/29/2019	Ongoing
WS005	South of Facility	On Demand	1	1	0	11/29/2019	11/29/2019
WS006	N of Hwy 336 in a Controlled Level Water Structure; Outfall 001 canal	2/Day	17	14	9	11/27/2019	Ongoing
WS007	N end of LNVA Canal to City of Port Neches; Park St. east of Baseball Field; raw water	On Demand	1	1	1	11/29/2019	11/29/2019
WS008	City of Port Neches Water Plant at Drinking Water Faucet	On Demand	1	1	0	11/30/2019	11/30/2019
WS009	Background; Collier's Ferry Park, south of Boat Ramp, Beaumont, TX	On Demand	1	1	1	12/1/2019	12/1/2019

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Location Code	Location Description	Sample Frequency*	Samples Collected to Date	Results Received to Date (VOCs)	Results Received to Date (Asbestos)	Sample Start Date	Sample End Date
WS010	TPC effluent to Joint Waste Water Treatment Plant (JWWTP); South of 366	Daily	7	4	3	12/1/2019	Ongoing
WS011	TPC Dock; water inlet	On Demand	1	1	1	12/2/2019	12/2/2019
WS014	Outfall 301; South of TPC facility at drainage culvert; JWWTP discharge from polishing ponds (permitted discharge location)	Daily	9	4	1	12/3/2019	Ongoing
WS015	Outfall 201 (Permitted discharge); SE corner of TPC facility	Daily	4	1	1	12/4/2019	On-going
WS016	Huntsman ditch; Division E	On Demand	1	1	0	12/6/2019	12/6/2019
WS017	JWWTP holding pond	Daily	3	2	0	12/5/2019	Ongoing
Estimated Totals to Date			**133**	**96**			

*Additional samples may be collected.

Table 2. Surface Water Sample Analytical Methods

Analysis	Method	Laboratory
Volatile Organic Compounds (VOCs) + TICs	EPA SWA-846 8260b	Pace analytical Services
Semi-volatile Organic Compounds (SVOCs)	EPA SWA-846 8270c (SCAN + SIM)	Pace analytical Services
	17 PAH	
Ethylene Glycol	US EPA Methods 8015	Pace analytical Services
Texas Total Petroleum Hydrocarbon (TX-TPH)	TX-1005	Pace analytical Services
PFAS (PFOS, PFOA, PFHxS Only)	EPA 537M	Pace analytical Services
Total Organic Carbon (TOC)	SM 5310C	Pace analytical Services
Oil and Grease	Method 1664	Pace analytical Services
Asbestos	EPA 100.2	EMSL Analytical, Inc.

2.2 Health-Based Screening Comparisons

Results from surface water samples were compared to applicable health-protective screening levels or background concentrations. It is important to note that the methods utilized to analyze surface water are also able to detect compounds unrelated to the TPC fire; therefore, the detection of a compound does not mean that the compound is directly related to the incident.

Because the Neches River Basin associated with the TPC facility and Joint Waste Water Treatment Plant (JWWTP) are not classified as drinking water sources, surface water samples were screened against the TCEQ's Contact Recreation Water Protective Concentration Levels (PCLs). According to the Texas Risk Reduction Program (TRRP), "*…when a water body is not classified as a drinking water source, the TSWQS allow surface water quality standards to be set based solely on consideration of uptake of COCs into fish/shellfish and aquatic life criteria and it may be necessary to evaluate contact recreation (i.e., incidental ingestion and dermal contact with surface water)*[1]*.*" A screening level of 7.0 million fibers/L has been selected for asbestos in surface water samples based on the United States Environmental Protection Agency (USEPA) water quality criteria[2]. The selection of the use of these screening levels was an agreed decision by Unified Command; however, it should be noted that this is a drinking water standard utilized for reference, as it is not applicable to surface water samples.

[1] TCEQ "Tier 1 Contact Recreation PCLs," 2006

[2] https://www.epa.gov/wqc/national-recommended-water-quality-criteria-human-health-criteria-table

ED_004345_00000673-00005

Attachment A

Surface Water Sampling Locations

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ED_004345_00000673-00006

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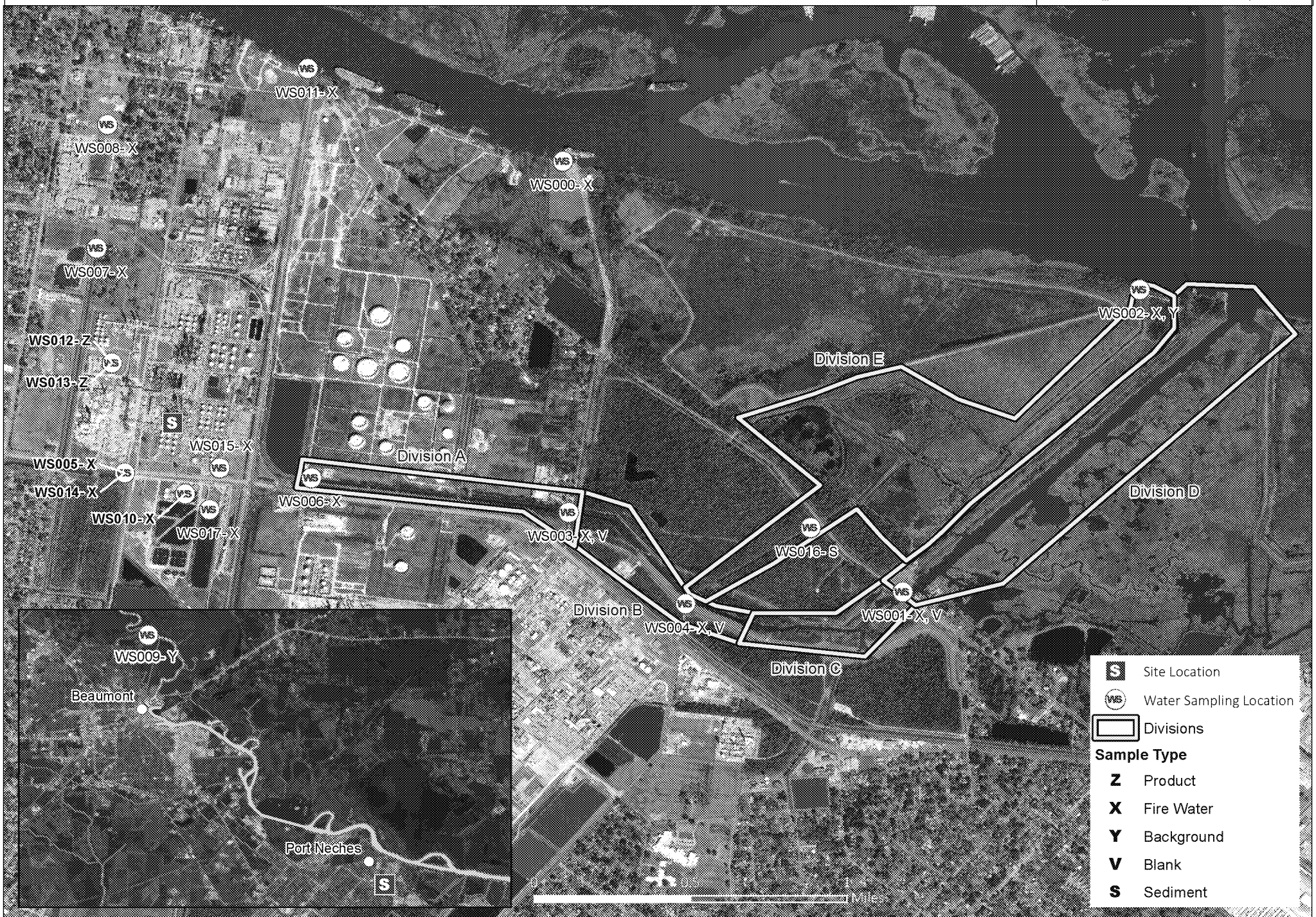
Water Sampling Locations

South 4 Group Fire | Port Neches, TX | 11/27/2019 09:33 - 12/8/2019 06:00 CST

Project: 112312
Client: TPC Group
City: Port Neches, TX
County: Jefferson



Projection System: Datum: GCS WGS 1984

Last Updated: 12/8/2019 12:08:45 PM

*GPS Coordinates are Approximate

Attachment B

Cumulative Detection Summary

Surface Water Sampling Summary
South 4 Group Fire
December 8, 2019

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South 4 Group Fire

Cumulative Analytical Water Sampling Detection Summary | Data through Dec 07, 2019*

Analyte	Screening Value†	Count of Samples	Distinct count of Detections	Average of Detections	Detection Range
1-Methylnaphthalene	4800 µg/L	117	68	0.450866667	0.041 - 8.87 ug/L
1,2,4-Trimethylbenzene	3260 µg/L	118	27	0.441703704	0.208 J - 1.68 J ug/L
1,3-Butadiene	n/a	115	94	31.984604167	0.53 - 196 ug/L
2-Butanone	491000 µg/L	118	71	6.761052632	1.16 - 44.3 ug/L
2-Chloroethylvinyl ether	16 µg/L	118	3	1.227272727	1 R - 5 R ug/L
2-Methylnaphthalene	276 µg/L	117	69	0.487402778	0.043 - 8.5 ug/L
4-Methyl-2-pentanone	52700 µg/L	118	18	4.864555556	0.592 - 16.1 ug/L
>C12-C28	n/a	119	47	7,468.531914894	149 - 83,600 ug/L
Acenaphthene	2440 µg/L	117	68	0.316112676	0.04 - 6.38 ug/L
Acenaphthylene	3260 µg/L	116	82	1.233348837	0.085 - 23 ug/L
Acetone	780000 µg/L	118	108	11.240357143	1.18 - 114 ug/L
Anthracene	10700 µg/L	117	63	0.245157143	0.043 - 2.3 ug/L
Benzene	235 µg/L	118	81	3.800298851	0.243 - 68.2 ug/L
Benzo(a)anthracene	n/a	117	47	0.1448	0.027 J - 1.03 J ug/L
Benzo(a)pyrene	n/a	117	50	0.1505	0.02 - 1.04 ug/L
Benzo(b)fluoranthene	n/a	117	52	0.1287	0.015 - 0.896 ug/L
Benzo(g,h,i)perylene	n/a	117	52	0.117967742	0.021 J - 0.575 J ug/L
Benzo(k)fluoranthene	n/a	117	29	0.089181818	0.028 - 0.385 ug/L
Bromodichloromethane	477 µg/L	118	39	0.836804878	0.245 J - 3.13 J ug/L
C6-C12	n/a	119	7	3,316.428571429	153 - 15,100 ug/L
Chloroform	2350 µg/L	118	84	8.407053763	0.377 - 29.8 ug/L
Chloromethane	1950 µg/L	118	2	5.72	2.28 - 9.16 ug/L
Chrysene	n/a	117	55	0.139469697	0.025 - 0.999 ug/L
Dibenz(a,h)anthracene	n/a	117	11	0.099666667	0.028 - 0.209 ug/L
Dibromochloromethane	383 µg/L	118	1	0.476	0.476 J - 0.476 J ug/L
Ethylbenzene	12800 µg/L	118	57	17.291586207	0.211 - 273 ug/L
Ethylene Glycol	1840000 µg/L	118	45	0.478276596	0.27 - 0.855 mg/L
Fluoranthene	n/a	117	76	0.533547619	0.015 - 5.49 ug/L
Fluorene	2110 µg/L	117	66	0.467565217	0.043 - 4.45 ug/L
Indeno(1,2,3-cd)pyrene	n/a	117	48	0.1023	0.013 - 0.466 ug/L
Isopropylbenzene (Cumene)	8440 µg/L	118	3	0.809333333	0.538 J - 1.1 J ug/L
m,p-Xylene	n/a	118	70	1.455053333	0.209 - 24.1 ug/L
Methylene chloride	3370 µg/L	118	70	0.897657534	0.323 J - 2.65 J ug/L
n-Butylbenzene	1200 µg/L	118	1	0.2	0.2 J - 0.2 J ug/L
Naphthalene	2550 µg/L	114	99	2.344490566	0.03 - 63.8 ug/L
o-Xylene	227000 µg/L	118	46	1.025395833	0.204 - 11.1 ug/L
Oil and Grease	n/a	118	34	3.406451613	1.5 - 14.9 mg/L
PFHxS	n/a	106	91	100.832653061	8.8 - 1,180 ng/L
PFOA	n/a	116	91	20.338396226	1.51 - 48 ng/L
PFOS	n/a	113	97	268.116605505	1.52 - 1,200 ng/L
Phenanthrene	1070 µg/L	117	82	1.184411765	0.027 - 13.6 ug/L
Pyrene	n/a	117	79	0.600238095	0.031 - 6.83 ug/L
Styrene	29800 µg/L	118	58	19.598559322	0.209 - 540 ug/L
tert-Butyl methyl ether (MTBE)	5470 µg/L	118	99	31.206915888	2.72 - 125 ug/L
Toluene	16500 µg/L	118	48	1.685755102	0.254 - 12.3 ug/L
Total Organic Carbon	n/a	118	102	35.362118644	2.01 - 85.3 mg/L
Total TPH (C6-C35)	n/a	119	50	7,485.9	149 - 88,100 ug/L
Trichloroethene	1010 µg/L	118	4	0.84025	0.705 J - 0.965 J ug/L
Trichlorofluoromethane	43300 µg/L	118	1	1.28	1.28 J - 1.28 J ug/L
Xylene (total)	24000 µg/L	118	59	2.564416667	0.409 - 35.2 ug/L

* The data presented is preliminary, and has not undergone the full QA/QC process.

† TCEQ Tier 1 Contact Recreation Water PCL

Attachment C

Daily Surface Water Sampling Results

Surface Water Sampling Summary
South 4 Group Fire
December 8, 2019

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South 4 Group Fire

Analytical Water Screening Values - December 03, 2019[1]

			WS001			WS002	
			PNTX1203V001B	PNTX1203X001A	PNTX1203X001B	PNTX1203X002A	PNTX1203X002B
Analyte	Background Range[2]	Screening Value[3]	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
1-Methylnaphthalene	< 0.045 - < 0.045 µg/L	4800 µg/L	NA	0.085 µg/L (J)	0.058 µg/L (J)	0.341 µg/L	0.113 µg/L
1,1-Dichloroethane	< 0.2 - < 0.9 µg/L	45800 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1-Dichloroethene	< 0.2 - < 1 µg/L	16600 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1-Dichloropropene	< 0.2 - < 0.8 µg/L	62.2 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,1-Trichloroethane	< 0.2 - < 0.8 µg/L	47200 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,1,2-Tetrachloroethane	< 0.2 - < 0.9 µg/L	312 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,2-Trichloroethane	< 0.2 - < 1 µg/L	325 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,2,2-Tetrachloroethane	< 0.2 - < 0.9 µg/L	93.8 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dibromo-3-chloropropane	< 0.2 - < 1 µg/L	11.3 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dibromoethane	< 0.2 - < 1 µg/L	0.283 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dichlorobenzene	< 0.2 - < 1 µg/L	11300 µg/L	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L
1,2-Dichloroethane	< 0.2 - < 1 µg/L	196 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dichloroethene(Total)	< 0.4 - < 0.4 µg/L	n/a*	NA	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L
1,2-Dichloropropane	< 0.2 - < 0.9 µg/L	186 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2,3-Trichloropropane	< 0.2 - < 0.9 µg/L	1.71 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2,4-Trichlorobenzene	< 0.2 - < 1 µg/L	650 µg/L	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L
1,2,4-Trimethylbenzene	< 0.2 - < 0.8 µg/L	3260 µg/L	NA	0.303 µg/L (J)	0.237 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L
1,2Diphenylhydrazine/Azobenzen	< 0.556 - < 0.556 µg/L	9.57 µg/L	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L
1,3-Butadiene	< 0.5 - < 0.8 µg/L	n/a*	NA	3.49 µg/L (J)	4 µg/L (J)	1.22 µg/L (J)	1.42 µg/L (J)
1,3-Dichlorobenzene	< 0.2 - < 1 µg/L	3780 µg/L	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L
1,3-Dichloropropane	< 0.2 - < 1 µg/L	129 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,3,5-Trimethylbenzene	< 0.2 - < 0.6 µg/L	3050 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,4-Dichlorobenzene	< 0.2 - < 1 µg/L	186 µg/L	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L
2-Butanone	< 0.2 - < 0.2 µg/L	491000 µg/L	NA	3.98 µg/L (J)	4.14 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L
2-Chloroethylvinyl ether	< 1 - < 1 µg/L	16.2 µg/L	NA	< 1 µg/L	1 µg/L (P)	< 1 µg/L	1 µg/L (R)
2-Chloronaphthalene	< 0.556 - < 1 µg/L	5480 µg/L	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L
2-Chlorophenol	< 0.556 - < 1 µg/L	1930 µg/L	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L
2-Chlorotoluene	< 0.2 - < 0.6 µg/L	2420 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
2-Hexanone	< 0.5 - < 0.5 µg/L	32400 µg/L	NA	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
2-Methylnaphthalene	< 0.045 - < 1 µg/L	276 µg/L	NA	0.076 µg/L (J)	0.048 µg/L (J)	0.235 µg/L	0.043 µg/L (J)
2-Nitroaniline	< 0.556 - < 0.7 µg/L	136 µg/L	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L
2-Nitrophenol	< 0.556 - < 0.9 µg/L	686 µg/L	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L
2,2-Dichloropropane	< 0.2 - < 0.7 µg/L	163 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
2,4-Dichlorophenol	< 0.556 - < 0.7 µg/L	739 µg/L	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L
2,4-Dimethylphenol	< 0.556 - < 1 µg/L	4740 µg/L	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L
2,4-Dinitrophenol	< 0.8 - < 1.67 µg/L	1270 µg/L	NA	< 1.56 µg/L	< 1.5 µg/L	< 1.52 µg/L	< 1.52 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 03, 2019[1]

			WS003		WS004		WS006
			PNTX1203X003A	PNTX1203X003B	PNTX1203X004A	PNTX1203X004B	PNTX1203X006A
Analyte	Background Range[2]	Screening Value[3]	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
1-Methylnaphthalene	< 0.045 - < 0.045 µg/L	4800 µg/L	< 0.04 µg/L	0.168 µg/L	0.189 µg/L	0.153 µg/L	< 0.04 µg/L
1,1-Dichloroethane	< 0.2 - < 0.9 µg/L	45800 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1-Dichloroethene	< 0.2 - < 1 µg/L	16600 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1-Dichloropropene	< 0.2 - < 0.8 µg/L	62.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,1-Trichloroethane	< 0.2 - < 0.8 µg/L	47200 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,1,2-Tetrachloroethane	< 0.2 - < 0.9 µg/L	312 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,2-Trichloroethane	< 0.2 - < 1 µg/L	325 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,2,2-Tetrachloroethane	< 0.2 - < 0.9 µg/L	93.8 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dibromo-3-chloropropane	< 0.2 - < 1 µg/L	11.3 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dibromoethane	< 0.2 - < 1 µg/L	0.283 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dichlorobenzene	< 0.2 - < 1 µg/L	11300 µg/L	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L
1,2-Dichloroethane	< 0.2 - < 1 µg/L	196 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dichloroethene(Total)	< 0.4 - < 0.4 µg/L	n/a*	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L
1,2-Dichloropropane	< 0.2 - < 0.9 µg/L	186 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2,3-Trichloropropane	< 0.2 - < 0.9 µg/L	1.71 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2,4-Trichlorobenzene	< 0.2 - < 1 µg/L	650 µg/L	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L
1,2,4-Trimethylbenzene	< 0.2 - < 0.8 µg/L	3260 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2Diphenylhydrazine/Azobenzen	< 0.556 - < 0.556 µg/L	9.57 µg/L	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L
1,3-Butadiene	< 0.5 - < 0.8 µg/L	n/a*	31.2 µg/L	14.3 µg/L	49.2 µg/L	47 µg/L	9.28 µg/L
1,3-Dichlorobenzene	< 0.2 - < 1 µg/L	3780 µg/L	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L
1,3-Dichloropropane	< 0.2 - < 1 µg/L	129 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,3,5-Trimethylbenzene	< 0.2 - < 0.6 µg/L	3050 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,4-Dichlorobenzene	< 0.2 - < 1 µg/L	186 µg/L	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L
2-Butanone	< 0.2 - < 0.2 µg/L	491000 µg/L	2.4 µg/L (J)	4.22 µg/L (J)	3.95 µg/L (J)	2.26 µg/L (J)	3.79 µg/L (J)
2-Chloroethylvinyl ether	< 1 - < 1 µg/L	16.2 µg/L	< 1 µg/L	1 µg/L (R)	< 1 µg/L	1 µg/L (R)	< 1 µg/L
2-Chloronaphthalene	< 0.556 - < 1 µg/L	5480 µg/L	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L
2-Chlorophenol	< 0.556 - < 1 µg/L	1930 µg/L	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L
2-Chlorotoluene	< 0.2 - < 0.6 µg/L	2420 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
2-Hexanone	< 0.5 - < 0.5 µg/L	32400 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
2-Methylnaphthalene	< 0.045 - < 1 µg/L	276 µg/L	< 0.04 µg/L	0.152 µg/L	0.177 µg/L	0.152 µg/L	< 0.04 µg/L
2-Nitroaniline	< 0.556 - < 0.7 µg/L	136 µg/L	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L
2-Nitrophenol	< 0.556 - < 0.9 µg/L	686 µg/L	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L
2,2-Dichloropropane	< 0.2 - < 0.7 µg/L	163 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
2,4-Dichlorophenol	< 0.556 - < 0.7 µg/L	739 µg/L	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L
2,4-Dimethylphenol	< 0.556 - < 1 µg/L	4740 µg/L	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L
2,4-Dinitrophenol	< 0.8 - < 1.67 µg/L	1270 µg/L	< 1.52 µg/L	< 1.52 µg/L	< 1.58 µg/L	< 1.53 µg/L	< 1.53 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 03, 2019[1]

Analyte	Background Range[2]	Screening Value[3]	WS006 PNTX1203X006B Pending Validation	WS010 PNTX1203X010 Pending Validation	WS014 PNTX1203X014 Pending Validation
1-Methylnaphthalene	< 0.045 - < 0.045 µg/L	4800 µg/L	< 0.041 µg/L	0.096 µg/L (J)	< 0.04 µg/L
1,1-Dichloroethane	< 0.2 - < 0.9 µg/L	45800 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1-Dichloroethene	< 0.2 - < 1 µg/L	16600 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1-Dichloropropene	< 0.2 - < 0.8 µg/L	62.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,1-Trichloroethane	< 0.2 - < 0.8 µg/L	47200 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,1,2-Tetrachloroethane	< 0.2 - < 0.9 µg/L	312 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,2-Trichloroethane	< 0.2 - < 1 µg/L	325 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,2,2-Tetrachloroethane	< 0.2 - < 0.9 µg/L	93.8 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dibromo-3-chloropropane	< 0.2 - < 1 µg/L	11.3 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dibromoethane	< 0.2 - < 1 µg/L	0.283 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dichlorobenzene	< 0.2 - < 1 µg/L	11300 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
1,2-Dichloroethane	< 0.2 - < 1 µg/L	196 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dichloroethene(Total)	< 0.4 - < 0.4 µg/L	n/a*	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L
1,2-Dichloropropane	< 0.2 - < 0.9 µg/L	186 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2,3-Trichloropropane	< 0.2 - < 0.9 µg/L	1.71 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2,4-Trichlorobenzene	< 0.2 - < 1 µg/L	650 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
1,2,4-Trimethylbenzene	< 0.2 - < 0.8 µg/L	3260 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2Diphenylhydrazine/Azobenzen	< 0.556 - < 0.556 µg/L	9.57 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
1,3-Butadiene	< 0.5 - < 0.8 µg/L	n/a*	2.4 µg/L (J)	45.8 µg/L	< 0.5 µg/L
1,3-Dichlorobenzene	< 0.2 - < 1 µg/L	3780 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
1,3-Dichloropropane	< 0.2 - < 1 µg/L	129 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,3,5-Trimethylbenzene	< 0.2 - < 0.6 µg/L	3050 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,4-Dichlorobenzene	< 0.2 - < 1 µg/L	186 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
2-Butanone	< 0.2 - < 0.2 µg/L	491000 µg/L	5.26 µg/L	9.61 µg/L	< 0.2 µg/L
2-Chloroethylvinyl ether	< 1 - < 1 µg/L	16.2 µg/L	1 µg/L (R)	1 µg/L (R)	1 µg/L (R)
2-Chloronaphthalene	< 0.556 - < 1 µg/L	5480 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
2-Chlorophenol	< 0.556 - < 1 µg/L	1930 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
2-Chlorotoluene	< 0.2 - < 0.6 µg/L	2420 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
2-Hexanone	< 0.5 - < 0.5 µg/L	32400 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
2-Methylnaphthalene	< 0.045 - < 1 µg/L	276 µg/L	< 0.041 µg/L	0.112 µg/L (J)	< 0.04 µg/L
2-Nitroaniline	< 0.556 - < 0.7 µg/L	136 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
2-Nitrophenol	< 0.556 - < 0.9 µg/L	686 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
2,2-Dichloropropane	< 0.2 - < 0.7 µg/L	163 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
2,4-Dichlorophenol	< 0.556 - < 0.7 µg/L	739 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
2,4-Dimethylphenol	< 0.556 - < 1 µg/L	4740 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
2,4-Dinitrophenol	< 0.8 - < 1.67 µg/L	1270 µg/L	< 1.52 µg/L	< 1.53 µg/L	< 1.52 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 03, 2019[1]

			WS001			WS002	
			PNTX1203V001B	PNTX1203X001A	PNTX1203X001B	PNTX1203X002A	PNTX1203X002B
Analyte	Background Range[2]	Screening Value[3]	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
2,4-Dinitrotoluene	< 0.556 - < 0.8 µg/L	30 µg/L	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L
2,4,5-Trichlorophenol	< 0.556 - < 0.6 µg/L	14000 µg/L	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L
2,4,6-Trichlorophenol	< 0.556 - < 0.6 µg/L	455 µg/L	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L
2,6-Dinitrotoluene	< 0.556 - < 0.6 µg/L	30 µg/L	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L
3-Nitroaniline	< 0.556 - < 0.8 µg/L	177 µg/L	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L
3,3'-Dichlorobenzidine	< 0.556 - < 0.6 µg/L	20.7 µg/L	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L
4-Bromophenyl phenyl ether	< 0.556 - < 0.8 µg/L	n/a*	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L
4-Chloro-3-methylphenol	< 0.5 - < 0.556 µg/L	870 µg/L	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L
4-Chloroaniline	< 0.5 - < 0.556 µg/L	2140 µg/L	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L
4-Chlorophenyl phenyl ether	< 0.556 - < 1 µg/L	n/a*	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L
4-Chlorotoluene	< 0.2 - < 0.5 µg/L	2120 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
4-Isopropyltoluene	< 0.2 - < 0.6 µg/L	3700 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
4-Methyl-2-pentanone	< 0.2 - < 0.2 µg/L	52700 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
4-Nitroaniline	< 0.8 - < 1.67 µg/L	966 µg/L	NA	< 1.56 µg/L	< 1.5 µg/L	< 1.52 µg/L	< 1.52 µg/L
4-Nitrophenol	< 0.6 - < 1.67 µg/L	1120 µg/L	NA	< 1.56 µg/L	< 1.5 µg/L	< 1.52 µg/L	< 1.52 µg/L
4,6-Dinitro-2-methylphenol	< 0.6 - < 1.67 µg/L	1100 µg/L	NA	< 1.56 µg/L	< 1.5 µg/L	< 1.52 µg/L	< 1.52 µg/L
>C12-C28	< 124 - < 124 µg/L	n/a*	NA	< 122 µg/L	< 122 µg/L	< 119 µg/L	< 122 µg/L
>C28-C35	< 124 - < 124 µg/L	n/a*	NA	< 122 µg/L	< 122 µg/L	< 119 µg/L	< 122 µg/L
Acenaphthene	< 0.014 - < 1 µg/L	2440 µg/L	NA	< 0.013 µg/L	0.117 µg/L	< 0.012 µg/L	0.292 µg/L
Acenaphthylene	< 0.045 - < 1 µg/L	3260 µg/L	NA	0.345 µg/L	0.148 µg/L	< 0.04 µg/L	0.252 µg/L
Acetone	1.11 - 1.11 µg/L	780000 µg/L	NA	4.05 µg/L (J)	5.66 µg/L	3.52 µg/L (J)	4.43 µg/L (J)
Acrolein	< 2.5 - < 2.5 µg/L	426 µg/L	NA	< 2.5 µg/L	< 2.5 µg/L	< 2.5 µg/L	< 2.5 µg/L
Acrylonitrile	< 1 - < 1 µg/L	75.7 µg/L	NA	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L
Aniline	< 0.6 - < 0.833 µg/L	4690 µg/L	NA	< 0.781 µg/L	< 0.75 µg/L	< 0.759 µg/L	< 0.759 µg/L
Anthracene	< 0.045 - < 0.5 µg/L	10700 µg/L	NA	0.058 µg/L (J)	< 0.04 µg/L	< 0.04 µg/L	< 0.04 µg/L
Benzene	< 0.2 - < 0.7 µg/L	235 µg/L	NA	1.6 µg/L (J)	1.47 µg/L (J)	0.696 µg/L (J)	0.575 µg/L (J)
Benzidine	< 1 - < 2.78 µg/L	0.158 µg/L	NA	< 2.6 µg/L	< 2.5 µg/L	< 2.53 µg/L	< 2.53 µg/L
Benzo(a)anthracene	< 0.028 - < 1 µg/L	n/a*	NA	< 0.025 µg/L	< 0.025 µg/L	< 0.025 µg/L	< 0.025 µg/L
Benzo(a)pyrene	< 0.014 - < 0.6 µg/L	n/a*	NA	< 0.013 µg/L	< 0.013 µg/L	< 0.013 µg/L	< 0.013 µg/L
Benzo(b)fluoranthene	< 0.014 - < 0.5 µg/L	n/a*	NA	< 0.013 µg/L	< 0.013 µg/L	< 0.013 µg/L	< 0.013 µg/L
Benzo(g,h,i)perylene	< 0.014 - < 0.014 µg/L	n/a*	NA	< 0.013 µg/L	< 0.012 µg/L	< 0.013 µg/L	< 0.013 µg/L
Benzo(k)fluoranthene	< 0.028 - < 0.8 µg/L	n/a*	NA	< 0.025 µg/L	< 0.025 µg/L	< 0.025 µg/L	< 0.025 µg/L
Benzoic acid	< 0.5 - < 1.67 µg/L	1830000 µg/L	NA	< 1.56 µg/L	< 1.5 µg/L	< 1.52 µg/L	< 1.52 µg/L
Benzyl alcohol	< 0.556 - < 0.9 µg/L	210000 µg/L	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L
Bis(2-Chloroethoxy)methane	< 0.556 - < 0.6 µg/L	12.3 µg/L	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L
Bis(2-Chloroethyl)ether	< 0.556 - < 0.9 µg/L	25.8 µg/L	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 03, 2019[1]

			WS003		WS004		WS006
			PNTX1203X003A	PNTX1203X003B	PNTX1203X004A	PNTX1203X004B	PNTX1203X006A
Analyte	Background Range[2]	Screening Value[3]	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
2,4-Dinitrotoluene	< 0.556 - < 0.8 µg/L	30 µg/L	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L
2,4,5-Trichlorophenol	< 0.556 - < 0.6 µg/L	14000 µg/L	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L
2,4,6-Trichlorophenol	< 0.556 - < 0.6 µg/L	455 µg/L	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L
2,6-Dinitrotoluene	< 0.556 - < 0.6 µg/L	30 µg/L	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L
3-Nitroaniline	< 0.556 - < 0.8 µg/L	177 µg/L	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L
3,3'-Dichlorobenzidine	< 0.556 - < 0.6 µg/L	20.7 µg/L	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L
4-Bromophenyl phenyl ether	< 0.556 - < 0.8 µg/L	n/a*	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L
4-Chloro-3-methylphenol	< 0.5 - < 0.556 µg/L	870 µg/L	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L
4-Chloroaniline	< 0.5 - < 0.556 µg/L	2140 µg/L	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L
4-Chlorophenyl phenyl ether	< 0.556 - < 1 µg/L	n/a*	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L
4-Chlorotoluene	< 0.2 - < 0.5 µg/L	2120 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
4-Isopropyltoluene	< 0.2 - < 0.6 µg/L	3700 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
4-Methyl-2-pentanone	< 0.2 - < 0.2 µg/L	52700 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
4-Nitroaniline	< 0.8 - < 1.67 µg/L	966 µg/L	< 1.52 µg/L	< 1.52 µg/L	< 1.58 µg/L	< 1.53 µg/L	< 1.53 µg/L
4-Nitrophenol	< 0.6 - < 1.67 µg/L	1120 µg/L	< 1.52 µg/L	< 1.52 µg/L	< 1.58 µg/L	< 1.53 µg/L	< 1.53 µg/L
4,6-Dinitro-2-methylphenol	< 0.6 - < 1.67 µg/L	1100 µg/L	< 1.52 µg/L	< 1.52 µg/L	< 1.58 µg/L	< 1.53 µg/L	< 1.53 µg/L
>C12-C28	< 124 - < 124 µg/L	n/a*	< 124 µg/L	201 µg/L (J)	< 124 µg/L	< 124 µg/L	< 122 µg/L
>C28-C35	< 124 - < 124 µg/L	n/a*	< 124 µg/L	< 123 µg/L	< 124 µg/L	< 124 µg/L	< 122 µg/L
Acenaphthene	< 0.014 - < 1 µg/L	2440 µg/L	< 0.013 µg/L	0.217 µg/L	< 0.013 µg/L	0.085 µg/L (J)	< 0.013 µg/L
Acenaphthylene	< 0.045 - < 1 µg/L	3260 µg/L	0.615 µg/L	0.536 µg/L	0.664 µg/L	0.493 µg/L	1.51 µg/L
Acetone	1.11 - 1.11 µg/L	780000 µg/L	6.26 µg/L	8.6 µg/L	5.17 µg/L	6.62 µg/L	12.6 µg/L
Acrolein	< 2.5 - < 2.5 µg/L	426 µg/L	< 2.5 µg/L	< 2.5 µg/L	< 2.5 µg/L	< 2.5 µg/L	< 2.5 µg/L
Acrylonitrile	< 1 - < 1 µg/L	75.7 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L
Aniline	< 0.6 - < 0.833 µg/L	4690 µg/L	< 0.769 µg/L	< 0.758 µg/L	< 0.789 µg/L	< 0.765 µg/L	< 0.765 µg/L
Anthracene	< 0.045 - < 0.5 µg/L	10700 µg/L	0.099 µg/L (J)	0.1 µg/L (J)	0.12 µg/L	0.091 µg/L (J)	0.635 µg/L
Benzene	< 0.2 - < 0.7 µg/L	235 µg/L	0.902 µg/L (J)	0.494 µg/L (J)	0.799 µg/L (J)	1.01 µg/L (J)	0.404 µg/L (J)
Benzidine	< 1 - < 2.78 µg/L	0.158 µg/L	< 2.53 µg/L	< 2.53 µg/L	< 2.62 µg/L	< 2.55 µg/L	< 2.55 µg/L
Benzo(a)anthracene	< 0.028 - < 1 µg/L	n/a*	< 0.025 µg/L	0.042 µg/L (J)	0.091 µg/L (J)	0.028 µg/L (J)	< 0.025 µg/L
Benzo(a)pyrene	< 0.014 - < 0.6 µg/L	n/a*	< 0.013 µg/L	0.032 µg/L (J)	0.078 µg/L (J)	< 0.013 µg/L	0.862 µg/L
Benzo(b)fluoranthene	< 0.014 - < 0.5 µg/L	n/a*	< 0.013 µg/L	0.028 µg/L (J)	0.094 µg/L (J)	< 0.013 µg/L	0.68 µg/L
Benzo(g,h,i)perylene	< 0.014 - < 0.014 µg/L	n/a*	< 0.013 µg/L	0.03 µg/L (J)	0.073 µg/L (J)	< 0.013 µg/L	0.565 µg/L
Benzo(k)fluoranthene	< 0.028 - < 0.8 µg/L	n/a*	< 0.025 µg/L	< 0.025 µg/L	< 0.025 µg/L	< 0.025 µg/L	0.246 µg/L
Benzoic acid	< 0.5 - < 1.67 µg/L	1830000 µg/L	< 1.52 µg/L	< 1.52 µg/L	< 1.58 µg/L	< 1.53 µg/L	< 1.53 µg/L
Benzyl alcohol	< 0.556 - < 0.9 µg/L	210000 µg/L	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L
Bis(2-Chloroethoxy)methane	< 0.556 - < 0.6 µg/L	12.3 µg/L	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L
Bis(2-Chloroethyl)ether	< 0.556 - < 0.9 µg/L	25.8 µg/L	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 03, 2019[1]

Analyte	Background Range[2]	Screening Value[3]	WS006 PNTX1203X006B Pending Validation	WS010 PNTX1203X010 Pending Validation	WS014 PNTX1203X014 Pending Validation
2,4-Dinitrotoluene	< 0.556 - < 0.8 µg/L	30 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
2,4,5-Trichlorophenol	< 0.556 - < 0.6 µg/L	14000 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
2,4,6-Trichlorophenol	< 0.556 - < 0.6 µg/L	455 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
2,6-Dinitrotoluene	< 0.556 - < 0.6 µg/L	30 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
3-Nitroaniline	< 0.556 - < 0.8 µg/L	177 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
3,3'-Dichlorobenzidine	< 0.556 - < 0.6 µg/L	20.7 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
4-Bromophenyl phenyl ether	< 0.556 - < 0.8 µg/L	n/a*	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
4-Chloro-3-methylphenol	< 0.5 - < 0.556 µg/L	870 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
4-Chloroaniline	< 0.5 - < 0.556 µg/L	2140 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
4-Chlorophenyl phenyl ether	< 0.556 - < 1 µg/L	n/a*	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
4-Chlorotoluene	< 0.2 - < 0.5 µg/L	2120 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
4-Isopropyltoluene	< 0.2 - < 0.6 µg/L	3700 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
4-Methyl-2-pentanone	< 0.2 - < 0.2 µg/L	52700 µg/L	< 0.2 µg/L	14.6 µg/L	< 0.2 µg/L
4-Nitroaniline	< 0.8 - < 1.67 µg/L	966 µg/L	< 1.53 µg/L	< 1.53 µg/L	< 1.53 µg/L
4-Nitrophenol	< 0.6 - < 1.67 µg/L	1120 µg/L	< 1.53 µg/L	< 1.53 µg/L	< 1.53 µg/L
4,6-Dinitro-2-methylphenol	< 0.6 - < 1.67 µg/L	1100 µg/L	< 1.53 µg/L	< 1.53 µg/L	< 1.53 µg/L
>C12-C28	< 124 - < 124 µg/L	n/a*	1,370 µg/L (J)	< 122 µg/L	< 122 µg/L
>C28-C35	< 124 - < 124 µg/L	n/a*	< 124 µg/L	< 122 µg/L	< 122 µg/L
Acenaphthene	< 0.014 - < 1 µg/L	2440 µg/L	0.303 µg/L	0.059 µg/L (J)	< 0.013 µg/L
Acenaphthylene	< 0.045 - < 1 µg/L	3260 µg/L	0.497 µg/L	0.732 µg/L (J)	< 0.04 µg/L
Acetone	1.11 - 1.11 µg/L	780000 µg/L	14.8 µg/L	54.8 µg/L	< 0.5 µg/L
Acrolein	< 2.5 - < 2.5 µg/L	426 µg/L	< 2.5 µg/L	< 2.5 µg/L	< 2.5 µg/L
Acrylonitrile	< 1 - < 1 µg/L	75.7 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L
Aniline	< 0.6 - < 0.833 µg/L	4690 µg/L	< 0.765 µg/L	< 0.765 µg/L	< 0.765 µg/L
Anthracene	< 0.045 - < 0.5 µg/L	10700 µg/L	0.044 µg/L (J)	0.178 µg/L (J)	< 0.04 µg/L
Benzene	< 0.2 - < 0.7 µg/L	235 µg/L	< 0.2 µg/L	0.909 µg/L (J)	< 0.2 µg/L
Benzidine	< 1 - < 2.78 µg/L	0.158 µg/L	< 2.55 µg/L	< 2.55 µg/L	< 2.55 µg/L
Benzo(a)anthracene	< 0.028 - < 1 µg/L	n/a*	0.03 µg/L (J)	0.092 µg/L (J)	< 0.025 µg/L
Benzo(a)pyrene	< 0.014 - < 0.6 µg/L	n/a*	0.022 µg/L (J)	0.098 µg/L (J)	< 0.013 µg/L
Benzo(b)fluoranthene	< 0.014 - < 0.5 µg/L	n/a*	0.025 µg/L (J)	0.088 µg/L (J)	< 0.013 µg/L
Benzo(g,h,i)perylene	< 0.014 - < 0.014 µg/L	n/a*	0.025 µg/L (J)	0.096 µg/L (J)	< 0.012 µg/L
Benzo(k)fluoranthene	< 0.028 - < 0.8 µg/L	n/a*	< 0.026 µg/L	0.058 µg/L (J)	< 0.025 µg/L
Benzoic acid	< 0.5 - < 1.67 µg/L	1830000 µg/L	< 1.53 µg/L	8.91 µg/L (J)	< 1.53 µg/L
Benzyl alcohol	< 0.556 - < 0.9 µg/L	210000 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
Bis(2-Chloroethoxy)methane	< 0.556 - < 0.6 µg/L	12.3 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
Bis(2-Chloroethyl)ether	< 0.556 - < 0.9 µg/L	25.8 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 03, 2019[1]

			WS001			WS002	
			PNTX1203V001B	PNTX1203X001A	PNTX1203X001B	PNTX1203X002A	PNTX1203X002B
Analyte	Background Range[2]	Screening Value[3]	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
Bis(2-Chloroisopropyl)ether	< 0.556 - < 1 µg/L	181 µg/L	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L
Bis(2-Ethylhexyl)phthalate	< 0.278 - < 1 µg/L	n/a*	NA	< 0.26 µg/L	< 0.25 µg/L	< 0.253 µg/L	< 0.253 µg/L
Bromobenzene	< 0.2 - < 0.2 µg/L	4200 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Bromochloromethane	< 0.2 - < 11 µg/L	26800 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Bromodichloromethane	< 0.2 - < 1 µg/L	477 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Bromoform	< 0.25 - < 0.25 µg/L	4300 µg/L	NA	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Bromomethane	< 0.5 - < 2 µg/L	902 µg/L	NA	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
Butyl benzyl phthalate	< 0.278 - < 0.8 µg/L	7880 µg/L	NA	< 0.26 µg/L	< 0.25 µg/L	< 0.253 µg/L	< 0.253 µg/L
C6-C12	< 107 - < 107 µg/L	n/a*	NA	< 106 µg/L	< 105 µg/L	< 102 µg/L	< 105 µg/L
Carbazole	< 0.556 - < 0.556 µg/L	n/a*	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L
Carbon disulfide	< 0.2 - < 0.2 µg/L	n/a*	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Carbon tetrachloride	< 0.25 - < 0.6 µg/L	n/a*	NA	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Chlorobenzene	< 0.2 - < 0.7 µg/L	1580 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Chloroethane	< 0.25 - < 0.7 µg/L	175000 µg/L	NA	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Chloroform	< 0.2 - < 0.7 µg/L	2350 µg/L	NA	0.377 µg/L (J)	0.567 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L
Chloromethane	< 0.2 - < 0.7 µg/L	1950 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Chrysene	< 0.028 - < 0.9 µg/L	n/a*	NA	0.04 µg/L (J)	< 0.025 µg/L	< 0.025 µg/L	< 0.025 µg/L
cis-1,2-Dichloroethene	< 0.2 - < 0.7 µg/L	4180 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
cis-1,3-Dichloropropene	< 0.2 - < 1 µg/L	46.3 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Di-n-butyl phthalate	< 0.556 - < 0.556 µg/L	4490 µg/L	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L
Di-n-octyl phthalate	< 0.278 - < 0.7 µg/L	n/a*	NA	< 0.26 µg/L	< 0.25 µg/L	< 0.253 µg/L	< 0.253 µg/L
Dibenz(a,h)anthracene	< 0.028 - < 0.6 µg/L	n/a*	NA	< 0.025 µg/L	< 0.025 µg/L	< 0.025 µg/L	< 0.025 µg/L
Dibenzofuran	< 0.556 - < 1 µg/L	219 µg/L	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L
Dibromochloromethane	< 0.2 - < 1 µg/L	383 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Dibromomethane	< 0.25 - < 1 µg/L	4300 µg/L	NA	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Dichlorodifluoromethane	< 0.2 - < 0.8 µg/L	37600 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Diethyl phthalate	< 0.556 - < 0.6 µg/L	307000 µg/L	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L
Dimethyl phthalate	< 0.556 - < 0.9 µg/L	540000 µg/L	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L
Ethylbenzene	< 0.2 - < 0.7 µg/L	12800 µg/L	NA	0.269 µg/L (J)	< 0.2 µg/L	0.298 µg/L (J)	< 0.2 µg/L
Ethylene Glycol	315 - 315 µg/L	1840000 µg/L	NA	< 0.265 mg/L	< 0.265 mg/L	< 0.265 mg/L	< 0.265 mg/L
Fluoranthene	< 0.014 - < 0.7 µg/L	n/a*	NA	0.087 µg/L (J)	0.057 µg/L (J)	< 0.013 µg/L	< 0.013 µg/L
Fluorene	< 0.045 - < 1 µg/L	2110 µg/L	NA	< 0.04 µg/L	0.097 µg/L (J)	< 0.04 µg/L	0.08 µg/L (J)
Hexachlorobenzene	< 0.556 - < 0.7 µg/L	n/a*	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L
Hexachlorobutadiene	< 0.3 - < 1 µg/L	6.9 µg/L	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L
Hexachlorocyclopentadiene	< 1 - < 1.67 µg/L	256 µg/L	NA	< 1.56 µg/L	< 1.5 µg/L	< 1.52 µg/L	< 1.52 µg/L
Hexachloroethane	< 0.556 - < 1 µg/L	n/a*	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 03, 2019[1]

			WS003		WS004		WS006
			PNTX1203X003A	PNTX1203X003B	PNTX1203X004A	PNTX1203X004B	PNTX1203X006A
Analyte	Background Range[2]	Screening Value[3]	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
Bis(2-Chloroisopropyl)ether	< 0.556 - < 1 µg/L	181 µg/L	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L
Bis(2-Ethylhexyl)phthalate	< 0.278 - < 1 µg/L	n/a*	< 0.253 µg/L	< 0.253 µg/L	< 0.263 µg/L	< 0.255 µg/L	< 0.255 µg/L
Bromobenzene	< 0.2 - < 0.2 µg/L	4200 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Bromochloromethane	< 0.2 - < 11 µg/L	26800 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Bromodichloromethane	< 0.2 - < 1 µg/L	477 µg/L	0.412 µg/L (J)	0.548 µg/L (J)	< 0.2 µg/L	0.334 µg/L (J)	< 0.2 µg/L
Bromoform	< 0.25 - < 0.25 µg/L	4300 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Bromomethane	< 0.5 - < 2 µg/L	902 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
Butyl benzyl phthalate	< 0.278 - < 0.8 µg/L	7880 µg/L	< 0.253 µg/L	< 0.253 µg/L	< 0.263 µg/L	< 0.255 µg/L	< 0.255 µg/L
C6-C12	< 107 - < 107 µg/L	n/a*	< 107 µg/L	< 105 µg/L	< 107 µg/L	< 107 µg/L	< 105 µg/L
Carbazole	< 0.556 - < 0.556 µg/L	n/a*	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L
Carbon disulfide	< 0.2 - < 0.2 µg/L	n/a*	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Carbon tetrachloride	< 0.25 - < 0.6 µg/L	n/a*	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Chlorobenzene	< 0.2 - < 0.7 µg/L	1580 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Chloroethane	< 0.25 - < 0.7 µg/L	175000 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Chloroform	< 0.2 - < 0.7 µg/L	2350 µg/L	7.12 µg/L	11.7 µg/L	7.18 µg/L	7.23 µg/L	12.2 µg/L
Chloromethane	< 0.2 - < 0.7 µg/L	1950 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Chrysene	< 0.028 - < 0.9 µg/L	n/a*	0.054 µg/L (J)	0.038 µg/L (J)	0.111 µg/L	0.025 µg/L (J)	0.633 µg/L
cis-1,2-Dichloroethene	< 0.2 - < 0.7 µg/L	4180 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
cis-1,3-Dichloropropene	< 0.2 - < 1 µg/L	46.3 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Di-n-butyl phthalate	< 0.556 - < 0.556 µg/L	4490 µg/L	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L
Di-n-octyl phthalate	< 0.278 - < 0.7 µg/L	n/a*	< 0.253 µg/L	< 0.253 µg/L	< 0.263 µg/L	< 0.255 µg/L	< 0.255 µg/L
Dibenz(a,h)anthracene	< 0.028 - < 0.6 µg/L	n/a*	< 0.025 µg/L	< 0.025 µg/L	< 0.025 µg/L	< 0.025 µg/L	0.04 µg/L (J)
Dibenzofuran	< 0.556 - < 1 µg/L	219 µg/L	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L
Dibromochloromethane	< 0.2 - < 1 µg/L	383 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Dibromomethane	< 0.25 - < 1 µg/L	4300 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Dichlorodifluoromethane	< 0.2 - < 0.8 µg/L	37600 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Diethyl phthalate	< 0.556 - < 0.6 µg/L	307000 µg/L	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L
Dimethyl phthalate	< 0.556 - < 0.9 µg/L	540000 µg/L	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L
Ethylbenzene	< 0.2 - < 0.7 µg/L	12800 µg/L	< 0.2 µg/L	< 0.2 µg/L	0.417 µg/L (J)	0.454 µg/L (J)	< 0.2 µg/L
Ethylene Glycol	315 - 315 µg/L	1840000 µg/L	< 0.265 mg/L	< 0.265 mg/L	< 0.265 mg/L	< 0.265 mg/L	< 0.265 mg/L
Fluoranthene	< 0.014 - < 0.7 µg/L	n/a*	0.251 µg/L	0.185 µg/L	0.455 µg/L	0.168 µg/L	2.75 µg/L
Fluorene	< 0.045 - < 1 µg/L	2110 µg/L	< 0.04 µg/L	0.102 µg/L	< 0.04 µg/L	0.122 µg/L	0.992 µg/L
Hexachlorobenzene	< 0.556 - < 0.7 µg/L	n/a*	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L
Hexachlorobutadiene	< 0.3 - < 1 µg/L	6.9 µg/L	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L
Hexachlorocyclopentadiene	< 1 - < 1.67 µg/L	256 µg/L	< 1.52 µg/L	< 1.52 µg/L	< 1.58 µg/L	< 1.53 µg/L	< 1.53 µg/L
Hexachloroethane	< 0.556 - < 1 µg/L	n/a*	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 03, 2019[1]

Analyte	Background Range[2]	Screening Value[3]	WS006 PNTX1203X006B Pending Validation	WS010 PNTX1203X010 Pending Validation	WS014 PNTX1203X014 Pending Validation
Bis(2-Chloroisopropyl)ether	< 0.556 - < 1 µg/L	181 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
Bis(2-Ethylhexyl)phthalate	< 0.278 - < 1 µg/L	n/a*	< 0.255 µg/L	< 0.255 µg/L	< 0.255 µg/L
Bromobenzene	< 0.2 - < 0.2 µg/L	4200 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Bromochloromethane	< 0.2 - < 11 µg/L	26800 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Bromodichloromethane	< 0.2 - < 1 µg/L	477 µg/L	0.819 µg/L (J)	2.47 µg/L (J)	< 0.2 µg/L
Bromoform	< 0.25 - < 0.25 µg/L	4300 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Bromomethane	< 0.5 - < 2 µg/L	902 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
Butyl benzyl phthalate	< 0.278 - < 0.8 µg/L	7880 µg/L	< 0.255 µg/L	< 0.255 µg/L	< 0.255 µg/L
C6-C12	< 107 - < 107 µg/L	n/a*	< 105 µg/L	590 µg/L (J)	< 105 µg/L
Carbazole	< 0.556 - < 0.556 µg/L	n/a*	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
Carbon disulfide	< 0.2 - < 0.2 µg/L	n/a*	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Carbon tetrachloride	< 0.25 - < 0.6 µg/L	n/a*	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Chlorobenzene	< 0.2 - < 0.7 µg/L	1580 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Chloroethane	< 0.25 - < 0.7 µg/L	175000 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Chloroform	< 0.2 - < 0.7 µg/L	2350 µg/L	16.2 µg/L	29.8 µg/L	< 0.2 µg/L
Chloromethane	< 0.2 - < 0.7 µg/L	1950 µg/L	< 0.2 µg/L	0.16 µg/L	< 0.2 µg/L
Chrysene	< 0.028 - < 0.9 µg/L	n/a*	< 0.025 µg/L	0.097 µg/L (J)	< 0.025 µg/L
cis-1,2-Dichloroethene	< 0.2 - < 0.7 µg/L	4180 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
cis-1,3-Dichloropropene	< 0.2 - < 1 µg/L	46.3 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Di-n-butyl phthalate	< 0.556 - < 0.556 µg/L	4490 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
Di-n-octyl phthalate	< 0.278 - < 0.7 µg/L	n/a*	< 0.255 µg/L	< 0.255 µg/L	< 0.255 µg/L
Dibenz(a,h)anthracene	< 0.028 - < 0.6 µg/L	n/a*	< 0.025 µg/L	0.041 µg/L (J)	< 0.025 µg/L
Dibenzofuran	< 0.556 - < 1 µg/L	219 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
Dibromochloromethane	< 0.2 - < 1 µg/L	383 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Dibromomethane	< 0.25 - < 1 µg/L	4300 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Dichlorodifluoromethane	< 0.2 - < 0.8 µg/L	37600 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Diethyl phthalate	< 0.556 - < 0.6 µg/L	307000 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
Dimethyl phthalate	< 0.556 - < 0.9 µg/L	540000 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
Ethylbenzene	< 0.2 - < 0.7 µg/L	12800 µg/L	< 0.2 µg/L	240 µg/L	< 0.2 µg/L
Ethylene Glycol	315 - 315 µg/L	1840000 µg/L	< 0.265 mg/L	< 0.265 mg/L	< 0.265 mg/L
Fluoranthene	< 0.014 - < 0.7 µg/L	n/a*	0.068 µg/L (J)	0.443 µg/L (J)	< 0.012 µg/L
Fluorene	< 0.045 - < 1 µg/L	2110 µg/L	0.072 µg/L (J)	0.207 µg/L (J)	< 0.04 µg/L
Hexachlorobenzene	< 0.556 - < 0.7 µg/L	n/a*	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
Hexachlorobutadiene	< 0.3 - < 1 µg/L	6.9 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
Hexachlorocyclopentadiene	< 1 - < 1.67 µg/L	256 µg/L	< 1.53 µg/L	< 1.53 µg/L	< 1.53 µg/L
Hexachloroethane	< 0.556 - < 1 µg/L	n/a*	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 03, 2019[1]

			WS001			WS002	
			PNTX1203V001B	PNTX1203X001A	PNTX1203X001B	PNTX1203X002A	PNTX1203X002B
Analyte	Background Range[2]	Screening Value[3]	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
Indeno(1,2,3-cd)pyrene	< 0.014 - < 0.5 µg/L	n/a*	NA	< 0.012 µg/L	< 0.013 µg/L	< 0.013 µg/L	< 0.012 µg/L
Isophorone	< 0.5 - < 0.556 µg/L	10400 µg/L	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L
Isopropylbenzene (Cumene)	< 0.2 - < 0.6 µg/L	8440 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
m,p-Cresol	< 0.278 - < 0.278 µg/L	n/a*	NA	< 0.26 µg/L	< 0.25 µg/L	< 0.253 µg/L	< 0.253 µg/L
m,p-Xylene	< 0.2 - < 0.2 µg/L	n/a*	NA	0.788 µg/L (J)	0.581 µg/L (J)	0.311 µg/L (J)	0.339 µg/L (J)
Methyl iodide	< 0.5 - < 0.5 µg/L	870 µg/L	NA	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
Methylene chloride	< 0.2 - < 1 µg/L	3370 µg/L	NA	< 0.2 µg/L	< 0.512 µg/L	< 0.2 µg/L	< 0.2 µg/L
n-Butylbenzene	< 0.2 - < 0.7 µg/L	1200 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
n-Nitrosodi-n-propylamine	< 0.556 - < 1 µg/L	1.98 µg/L	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L
n-Nitrosodimethylamine	< 0.5 - < 0.556 µg/L	0.962 µg/L	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L
n-Nitrosodiphenylamine	< 0.556 - < 0.8 µg/L	421 µg/L	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L
n-Propylbenzene	< 0.6 - < 1 µg/L	2350 µg/L	NA	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L
Naphthalene	< 0.014 - < 2 µg/L	2550 µg/L	NA	0.144 µg/L	0.085 µg/L (J)	0.202 µg/L	0.735 µg/L
Nitrobenzene	< 0.556 - < 1 µg/L	248 µg/L	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L
o-Cresol	< 0.556 - < 0.8 µg/L	18500 µg/L	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L
o-Xylene	< 0.2 - < 0.2 µg/L	227000 µg/L	NA	0.39 µg/L (J)	0.309 µg/L (J)	0.205 µg/L (J)	< 0.2 µg/L
Oil and Grease	< 1600 - < 1600 µg/L	n/a*	NA	< 1.5 mg/L	< 1.5 mg/L	2.2 mg/L (J)	< 1.5 mg/L
Pentachlorophenol	< 0.556 - < 0.6 µg/L	9.92 µg/L	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L
PFHxS	< 1.64 - < 1.64 ng/L	n/a*	74.1 ng/L	81.1 ng/L	72.8 ng/L	200 ng/L	193 ng/L
PFOA	< 1.8 - < 1.8 ng/L	n/a*	11.7 ng/L	12.9 ng/L	12.1 ng/L	25.1 ng/L	24.2 ng/L
PFOS	1.8 - 1.8 ng/L	n/a*	284 ng/L	293 ng/L	339 ng/L	419 ng/L	416 ng/L
Phenanthrene	< 0.014 - < 0.5 µg/L	1070 µg/L	NA	0.132 µg/L	0.135 µg/L	< 0.013 µg/L	< 0.012 µg/L
Phenol	< 0.5 - < 0.556 µg/L	160000 µg/L	NA	< 0.521 µg/L	< 0.5 µg/L	< 0.505 µg/L	< 0.505 µg/L
Pyrene	< 0.028 - < 0.8 µg/L	n/a*	NA	0.12 µg/L	0.075 µg/L (J)	< 0.025 µg/L	< 0.025 µg/L
Pyridine	< 0.5 - < 1.67 µg/L	717 µg/L	NA	< 1.56 µg/L	< 1.5 µg/L	< 1.52 µg/L	< 1.52 µg/L
sec-Butylbenzene	< 0.2 - < 0.5 µg/L	1580 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Styrene	< 0.2 - < 0.8 µg/L	29800 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
tert-Butyl methyl ether (MTBE)	< 0.2 - < 0.2 µg/L	5470 µg/L	NA	7.67 µg/L	7.72 µg/L	26.2 µg/L	24.7 µg/L
tert-Butylbenzene	< 0.2 - < 0.5 µg/L	1400 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Tetrachloroethene	< 0.2 - < 0.6 µg/L	148 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Toluene	< 0.2 - < 0.7 µg/L	16500 µg/L	NA	1.22 µg/L (J)	1.01 µg/L (J)	0.884 µg/L (J)	< 0.2 µg/L
Total Organic Carbon	8830 - 8830 µg/L	n/a*	NA	18.3 mg/L	17.2 mg/L	36.1 mg/L	36.7 mg/L
Total TPH (C6-C35)	< 107 - < 107 µg/L	n/a*	NA	< 106 µg/L	< 105 µg/L	< 102 µg/L	< 105 µg/L
trans-1,2-Dichloroethene	< 0.2 - < 0.6 µg/L	6950 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
trans-1,3-Dichloropropene	< 0.2 - < 1 µg/L	250 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
trans-1,4-Dichloro-2-butene	< 0.5 - < 0.5 µg/L	n/a*	NA	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 03, 2019[1]

			WS003		WS004		WS006
			PNTX1203X003A	PNTX1203X003B	PNTX1203X004A	PNTX1203X004B	PNTX1203X006A
Analyte	Background Range[2]	Screening Value[3]	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
Indeno(1,2,3-cd)pyrene	< 0.014 - < 0.5 µg/L	n/a*	< 0.013 µg/L	0.023 µg/L (J)	0.061 µg/L (J)	< 0.013 µg/L	0.466 µg/L
Isophorone	< 0.5 - < 0.556 µg/L	10400 µg/L	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L
Isopropylbenzene (Cumene)	< 0.2 - < 0.6 µg/L	8440 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
m,p-Cresol	< 0.278 - < 0.278 µg/L	n/a*	< 0.253 µg/L	< 0.253 µg/L	< 0.262 µg/L	< 0.255 µg/L	< 0.255 µg/L
m,p-Xylene	< 0.2 - < 0.2 µg/L	n/a*	0.317 µg/L (J)	0.336 µg/L (J)	0.414 µg/L (J)	0.601 µg/L (J)	< 0.2 µg/L
Methyl iodide	< 0.5 - < 0.5 µg/L	870 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
Methylene chloride	< 0.2 - < 1 µg/L	3370 µg/L	< 0.2 µg/L	< 0.761 µg/L	0.378 µg/L (J)	< 0.743 µg/L	0.666 µg/L (J)
n-Butylbenzene	< 0.2 - < 0.7 µg/L	1200 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
n-Nitrosodi-n-propylamine	< 0.556 - < 1 µg/L	1.98 µg/L	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L
n-Nitrosodimethylamine	< 0.5 - < 0.556 µg/L	0.962 µg/L	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L
n-Nitrosodiphenylamine	< 0.556 - < 0.8 µg/L	421 µg/L	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L
n-Propylbenzene	< 0.6 - < 1 µg/L	2350 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L
Naphthalene	< 0.014 - < 2 µg/L	2550 µg/L	0.759 µg/L	0.481 µg/L	1.01 µg/L	0.675 µg/L	0.802 µg/L
Nitrobenzene	< 0.556 - < 1 µg/L	248 µg/L	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L
o-Cresol	< 0.556 - < 0.8 µg/L	18500 µg/L	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L
o-Xylene	< 0.2 - < 0.2 µg/L	227000 µg/L	< 0.2 µg/L	< 0.2 µg/L	0.255 µg/L (J)	0.218 µg/L (J)	< 0.2 µg/L
Oil and Grease	< 1600 - < 1600 µg/L	n/a*	2.1 mg/L (J)	3.3 mg/L (J)	3.4 mg/L (J)	2.4 mg/L (J)	< 1.6 mg/L
Pentachlorophenol	< 0.556 - < 0.6 µg/L	9.92 µg/L	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L
PFHxS	< 1.64 - < 1.64 ng/L	n/a*	92.7 ng/L	111 ng/L	79.1 ng/L	77.2 ng/L	65.9 ng/L
PFOA	< 1.8 - < 1.8 ng/L	n/a*	27.2 ng/L	43.5 ng/L	30 ng/L	25.1 ng/L	34 ng/L
PFOS	1.8 - 1.8 ng/L	n/a*	163 ng/L	265 ng/L	214 ng/L	202 ng/L	197 ng/L
Phenanthrene	< 0.014 - < 0.5 µg/L	1070 µg/L	0.63 µg/L	0.532 µg/L	0.962 µg/L	0.663 µg/L	3.24 µg/L
Phenol	< 0.5 - < 0.556 µg/L	160000 µg/L	< 0.505 µg/L	< 0.505 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L
Pyrene	< 0.028 - < 0.8 µg/L	n/a*	0.241 µg/L	0.216 µg/L	0.47 µg/L	0.186 µg/L	2.71 µg/L
Pyridine	< 0.5 - < 1.67 µg/L	717 µg/L	< 1.52 µg/L	< 1.52 µg/L	< 1.58 µg/L	< 1.52 µg/L	< 1.53 µg/L
sec-Butylbenzene	< 0.2 - < 0.5 µg/L	1580 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Styrene	< 0.2 - < 0.8 µg/L	29800 µg/L	0.411 µg/L (J)	< 0.2 µg/L	0.453 µg/L (J)	0.663 µg/L (J)	< 0.2 µg/L
tert-Butyl methyl ether (MTBE)	< 0.2 - < 0.2 µg/L	5470 µg/L	24 µg/L	33.7 µg/L	34.2 µg/L	25.4 µg/L	32.5 µg/L
tert-Butylbenzene	< 0.2 - < 0.5 µg/L	1400 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Tetrachloroethene	< 0.2 - < 0.6 µg/L	148 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Toluene	< 0.2 - < 0.7 µg/L	16500 µg/L	0.379 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L	0.585 µg/L (J)	< 0.2 µg/L
Total Organic Carbon	8830 - 8830 µg/L	n/a*	30.3 mg/L	34.2 mg/L	29.7 mg/L	26.7 mg/L	32.2 mg/L
Total TPH (C6-C35)	< 107 - < 107 µg/L	n/a*	< 107 µg/L	201 µg/L (J)	< 107 µg/L	< 107 µg/L	< 105 µg/L
trans-1,2-Dichloroethene	< 0.2 - < 0.6 µg/L	6950 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
trans-1,3-Dichloropropene	< 0.2 - < 1 µg/L	250 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
trans-1,4-Dichloro-2-butene	< 0.5 - < 0.5 µg/L	n/a*	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 03, 2019[1]

Analyte	Background Range[2]	Screening Value[3]	WS006 PNTX1203X006B Pending Validation	WS010 PNTX1203X010 Pending Validation	WS014 PNTX1203X014 Pending Validation
Indeno(1,2,3-cd)pyrene	< 0.014 - < 0.5 µg/L	n/a*	0.024 µg/L (J)	0.089 µg/L (J)	< 0.015 µg/L
Isophorone	< 0.5 - < 0.556 µg/L	10400 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
Isopropylbenzene (Cumene)	< 0.2 - < 0.6 µg/L	8440 µg/L	< 0.2 µg/L	1.1 µg/L (J)	< 0.2 µg/L
m,p-Cresol	< 0.278 - < 0.278 µg/L	n/a*	< 0.255 µg/L	< 0.255 µg/L	< 0.255 µg/L
m,p-Xylene	< 0.2 - < 0.2 µg/L	n/a*	< 0.2 µg/L	1.4 µg/L (J)	< 0.2 µg/L
Methyl iodide	< 0.5 - < 0.5 µg/L	870 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
Methylene chloride	< 0.2 - < 1 µg/L	3370 µg/L	< 0.605 µg/L	< 0.829 µg/L	< 0.2 µg/L
n-Butylbenzene	< 0.2 - < 0.7 µg/L	1200 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
n-Nitrosodi-n-propylamine	< 0.556 - < 1 µg/L	1.98 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
n-Nitrosodimethylamine	< 0.5 - < 0.556 µg/L	0.962 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
n-Nitrosodiphenylamine	< 0.556 - < 0.8 µg/L	421 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
n-Propylbenzene	< 0.6 - < 1 µg/L	2350 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L
Naphthalene	< 0.014 - < 2 µg/L	2550 µg/L	0.161 µg/L	0.779 µg/L (J)	< 0.013 µg/L
Nitrobenzene	< 0.556 - < 1 µg/L	248 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
o-Cresol	< 0.556 - < 0.8 µg/L	18500 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
o-Xylene	< 0.2 - < 0.2 µg/L	227000 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Oil and Grease	< 1600 - < 1600 µg/L	n/a*	2 mg/L (J)	< 1.5 mg/L	< 1.5 mg/L
Pentachlorophenol	< 0.556 - < 0.6 µg/L	9.92 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
PFHxS	< 1.64 - < 1.64 ng/L	n/a*	69.6 ng/L	81.3 ng/L	< 1.37 ng/L
PFOA	< 1.8 - < 1.8 ng/L	n/a*	38.9 ng/L	16.4 ng/L	< 1.5 ng/L
PFOS	1.8 - 1.8 ng/L	n/a*	181 ng/L	592 ng/L	1.52 ng/L (J)
Phenanthrene	< 0.014 - < 0.5 µg/L	1070 µg/L	0.123 µg/L	1.02 µg/L (J)	< 0.015 µg/L
Phenol	< 0.5 - < 0.556 µg/L	160000 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
Pyrene	< 0.028 - < 0.8 µg/L	n/a*	0.074 µg/L (J)	0.626 µg/L (J)	< 0.025 µg/L
Pyridine	< 0.5 - < 1.67 µg/L	717 µg/L	< 1.53 µg/L	< 1.53 µg/L	< 1.53 µg/L
sec-Butylbenzene	< 0.2 - < 0.5 µg/L	1580 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Styrene	< 0.2 - < 0.8 µg/L	29800 µg/L	< 0.2 µg/L	540 µg/L	< 0.2 µg/L
tert-Butyl methyl ether (MTBE)	< 0.2 - < 0.2 µg/L	5470 µg/L	29.4 µg/L	125 µg/L	< 0.2 µg/L
tert-Butylbenzene	< 0.2 - < 0.5 µg/L	1400 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Tetrachloroethene	< 0.2 - < 0.6 µg/L	148 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Toluene	< 0.2 - < 0.7 µg/L	16500 µg/L	< 0.2 µg/L	2.09 µg/L (J)	< 0.2 µg/L
Total Organic Carbon	8830 - 8830 µg/L	n/a*	40.1 mg/L	42.6 mg/L	9.77 mg/L
Total TPH (C6-C35)	< 107 - < 107 µg/L	n/a*	1,370 µg/L (J)	590 µg/L (J)	< 105 µg/L
trans-1,2-Dichloroethene	< 0.2 - < 0.6 µg/L	6950 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
trans-1,3-Dichloropropene	< 0.2 - < 1 µg/L	250 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
trans-1,4-Dichloro-2-butene	< 0.5 - < 0.5 µg/L	n/a*	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 03, 2019[1]

			WS001			WS002	
			PNTX1203V001B	PNTX1203X001A	PNTX1203X001B	PNTX1203X002A	PNTX1203X002B
Analyte	**Background Range[2]**	**Screening Value[3]**	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
Trichloroethene	< 0.2 - < 0.7 µg/L	1010 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Trichlorofluoromethane	< 0.2 - < 0.2 µg/L	43300 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Trichlorotrifluoroethane	< 0.2 - < 0.2 µg/L	6040000 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Vinyl acetate	< 0.2 - < 0.2 µg/L	748000 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Vinyl chloride	< 0.2 - < 1 µg/L	11.3 µg/L	NA	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Xylene (total)	< 0.4 - < 1 µg/L	24000 µg/L	NA	1.18 µg/L (J)	0.89 µg/L (J)	0.516 µg/L (J)	< 0.4 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 03, 2019[1]

			WS003		WS004		WS006
			PNTX1203X003A	PNTX1203X003B	PNTX1203X004A	PNTX1203X004B	PNTX1203X006A
Analyte	**Background Range[2]**	**Screening Value[3]**	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
Trichloroethene	< 0.2 - < 0.7 µg/L	1010 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Trichlorofluoromethane	< 0.2 - < 0.2 µg/L	43300 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Trichlorotrifluoroethane	< 0.2 - < 0.2 µg/L	6040000 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Vinyl acetate	< 0.2 - < 0.2 µg/L	748000 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Vinyl chloride	< 0.2 - < 1 µg/L	11.3 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Xylene (total)	< 0.4 - < 1 µg/L	24000 µg/L	0.418 µg/L (J)	< 0.4 µg/L	0.669 µg/L (J)	0.82 µg/L (J)	< 0.4 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 03, 2019[1]

Analyte	Background Range[2]	Screening Value[3]	WS006 PNTX1203X006B Pending Validation	WS010 PNTX1203X010 Pending Validation	WS014 PNTX1203X014 Pending Validation
Trichloroethene	< 0.2 - < 0.7 µg/L	1010 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Trichlorofluoromethane	< 0.2 - < 0.2 µg/L	43300 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Trichlorotrifluoroethane	< 0.2 - < 0.2 µg/L	6040000 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Vinyl acetate	< 0.2 - < 0.2 µg/L	748000 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Vinyl chloride	< 0.2 - < 1 µg/L	11.3 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Xylene (total)	< 0.4 - < 1 µg/L	24000 µg/L	< 0.4 µg/L	1.4 µg/L (J)	< 0.4 µg/L

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

South 4 Group Fire

Analytical Water Screening Values - December 04, 2019[1]

Analyte	Background Range[2]	Screening Value[3]	WS001		WS002		WS003
			PNTX1204X001A	PNTX1204X001B	PNTX1204X002A	PNTX1204X002B	PNTX1204X003A
			Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
1-Methylnaphthalene	< 0.045 - < 0.045 µg/L	4800 µg/L	< 0.04 µg/L	< 0.04 µg/L	0.043 µg/L (J)	0.056 µg/L (J)	0.116 µg/L
1,1-Dichloroethane	< 0.2 - < 0.9 µg/L	45800 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1-Dichloroethene	< 0.2 - < 1 µg/L	16600 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1-Dichloropropene	< 0.2 - < 0.8 µg/L	62.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,1-Trichloroethane	< 0.2 - < 0.8 µg/L	47200 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,1,2-Tetrachloroethane	< 0.2 - < 0.9 µg/L	312 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,2-Trichloroethane	< 0.2 - < 1 µg/L	325 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,2,2-Tetrachloroethane	< 0.2 - < 0.9 µg/L	93.8 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dibromo-3-chloropropane	< 0.2 - < 1 µg/L	11.3 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dibromoethane	< 0.2 - < 1 µg/L	0.283 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dichlorobenzene	< 0.2 - < 1 µg/L	11300 µg/L	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L
1,2-Dichloroethane	< 0.2 - < 1 µg/L	196 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dichloroethene(Total)	< 0.4 - < 0.4 µg/L	n/a*	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L
1,2-Dichloropropane	< 0.2 - < 0.9 µg/L	186 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2,3-Trichloropropane	< 0.2 - < 0.9 µg/L	1.71 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2,4-Trichlorobenzene	< 0.2 - < 1 µg/L	650 µg/L	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L
1,2,4-Trimethylbenzene	< 0.2 - < 0.8 µg/L	3260 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2Diphenylhydrazine/Azobenzen	< 0.556 - < 0.556 µg/L	9.57 µg/L	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L
1,3-Butadiene	< 0.5 - < 0.8 µg/L	n/a*	1.49 µg/L (J)	2.75 µg/L (J)	1.8 µg/L (J)	2.26 µg/L (J)	12.7 µg/L
1,3-Dichlorobenzene	< 0.2 - < 1 µg/L	3780 µg/L	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L
1,3-Dichloropropane	< 0.2 - < 1 µg/L	129 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,3,5-Trimethylbenzene	< 0.2 - < 0.6 µg/L	3050 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,4-Dichlorobenzene	< 0.2 - < 1 µg/L	186 µg/L	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L
2-Butanone	< 0.2 - < 0.2 µg/L	491000 µg/L	2.28 µg/L (J)	2.55 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L	6.46 µg/L
2-Chloroethylvinyl ether	< 1 - < 1 µg/L	16.2 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L
2-Chloronaphthalene	< 0.556 - < 1 µg/L	5480 µg/L	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L
2-Chlorophenol	< 0.556 - < 1 µg/L	1930 µg/L	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L
2-Chlorotoluene	< 0.2 - < 0.6 µg/L	2420 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
2-Hexanone	< 0.5 - < 0.5 µg/L	32400 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
2-Methylnaphthalene	< 0.045 - < 1 µg/L	276 µg/L	< 0.04 µg/L	< 0.04 µg/L	0.11 µg/L	0.072 µg/L (J)	< 0.04 µg/L
2-Nitroaniline	< 0.556 - < 0.7 µg/L	136 µg/L	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L
2-Nitrophenol	< 0.556 - < 0.9 µg/L	686 µg/L	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L
2,2-Dichloropropane	< 0.2 - < 0.7 µg/L	163 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
2,4-Dichlorophenol	< 0.556 - < 0.7 µg/L	739 µg/L	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L
2,4-Dimethylphenol	< 0.556 - < 1 µg/L	4740 µg/L	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L
2,4-Dinitrophenol	< 0.8 - < 1.67 µg/L	1270 µg/L	< 1.52 µg/L	< 1.5 µg/L	< 1.5 µg/L	< 1.52 µg/L	< 1.50 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 04, 2019[1]

			WS003	WS004		WS006	
			PNTX1204X003B	PNTX1204X004A	PNTX1204X004B	PNTX1204X006A	PNTX1204X006B
Analyte	Background Range[2]	Screening Value[3]	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
1-Methylnaphthalene	< 0.045 - < 0.045 µg/L	4800 µg/L	0.146 µg/L	< 0.04 µg/L	0.159 µg/L	< 0.041 µg/L	0.16 µg/L
1,1-Dichloroethane	< 0.2 - < 0.9 µg/L	45800 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1-Dichloroethene	< 0.2 - < 1 µg/L	16600 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1-Dichloropropene	< 0.2 - < 0.8 µg/L	62.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,1-Trichloroethane	< 0.2 - < 0.8 µg/L	47200 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,1,2-Tetrachloroethane	< 0.2 - < 0.9 µg/L	312 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,2-Trichloroethane	< 0.2 - < 1 µg/L	325 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,2,2-Tetrachloroethane	< 0.2 - < 0.9 µg/L	93.8 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dibromo-3-chloropropane	< 0.2 - < 1 µg/L	11.3 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dibromoethane	< 0.2 - < 1 µg/L	0.283 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dichlorobenzene	< 0.2 - < 1 µg/L	11300 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L
1,2-Dichloroethane	< 0.2 - < 1 µg/L	196 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dichloroethene(Total)	< 0.4 - < 0.4 µg/L	n/a*	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L
1,2-Dichloropropane	< 0.2 - < 0.9 µg/L	186 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2,3-Trichloropropane	< 0.2 - < 0.9 µg/L	1.71 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2,4-Trichlorobenzene	< 0.2 - < 1 µg/L	650 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L
1,2,4-Trimethylbenzene	< 0.2 - < 0.8 µg/L	3260 µg/L	< 0.2 µg/L	< 0.2 µg/L	0.35 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L
1,2Diphenylhydrazine/Azobenzen	< 0.556 - < 0.556 µg/L	9.57 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L
1,3-Butadiene	< 0.5 - < 0.8 µg/L	n/a*	34.5 µg/L	3.94 µg/L (J)	30.9 µg/L	11.1 µg/L	35.9 µg/L
1,3-Dichlorobenzene	< 0.2 - < 1 µg/L	3780 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L
1,3-Dichloropropane	< 0.2 - < 1 µg/L	129 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,3,5-Trimethylbenzene	< 0.2 - < 0.6 µg/L	3050 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,4-Dichlorobenzene	< 0.2 - < 1 µg/L	186 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L
2-Butanone	< 0.2 - < 0.2 µg/L	491000 µg/L	4.17 µg/L (J)	6.65 µg/L	4.2 µg/L (J)	6.27 µg/L	3.75 µg/L (J)
2-Chloroethylvinyl ether	< 1 - < 1 µg/L	16.2 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L
2-Chloronaphthalene	< 0.556 - < 1 µg/L	5480 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L
2-Chlorophenol	< 0.556 - < 1 µg/L	1930 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L
2-Chlorotoluene	< 0.2 - < 0.6 µg/L	2420 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
2-Hexanone	< 0.5 - < 0.5 µg/L	32400 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
2-Methylnaphthalene	< 0.045 - < 1 µg/L	276 µg/L	0.121 µg/L	< 0.04 µg/L	0.123 µg/L	< 0.041 µg/L	0.242 µg/L
2-Nitroaniline	< 0.556 - < 0.7 µg/L	136 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L
2-Nitrophenol	< 0.556 - < 0.9 µg/L	686 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L
2,2-Dichloropropane	< 0.2 - < 0.7 µg/L	163 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
2,4-Dichlorophenol	< 0.556 - < 0.7 µg/L	739 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L
2,4-Dimethylphenol	< 0.556 - < 1 µg/L	4740 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L
2,4-Dinitrophenol	< 0.8 - < 1.67 µg/L	1270 µg/L	< 1.52 µg/L	< 1.56 µg/L	< 1.53 µg/L	< 1.55 µg/L	< 1.56 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 04, 2019[1]

Analyte	Background Range[2]	Screening Value[3]	WS015 PNTX1204X015 Pending Validation
1-Methylnaphthalene	< 0.045 - < 0.045 µg/L	4800 µg/L	0.064 µg/L (J)
1,1-Dichloroethane	< 0.2 - < 0.9 µg/L	45800 µg/L	< 0.2 µg/L
1,1-Dichloroethene	< 0.2 - < 1 µg/L	16600 µg/L	< 0.2 µg/L
1,1-Dichloropropene	< 0.2 - < 0.8 µg/L	62.2 µg/L	< 0.2 µg/L
1,1,1-Trichloroethane	< 0.2 - < 0.8 µg/L	47200 µg/L	< 0.2 µg/L
1,1,1,2-Tetrachloroethane	< 0.2 - < 0.9 µg/L	312 µg/L	< 0.2 µg/L
1,1,2-Trichloroethane	< 0.2 - < 1 µg/L	325 µg/L	< 0.2 µg/L
1,1,2,2-Tetrachloroethane	< 0.2 - < 0.9 µg/L	93.8 µg/L	< 0.2 µg/L
1,2-Dibromo-3-chloropropane	< 0.2 - < 1 µg/L	11.3 µg/L	< 0.2 µg/L
1,2-Dibromoethane	< 0.2 - < 1 µg/L	0.283 µg/L	< 0.2 µg/L
1,2-Dichlorobenzene	< 0.2 - < 1 µg/L	11300 µg/L	< 0.505 µg/L
1,2-Dichloroethane	< 0.2 - < 1 µg/L	196 µg/L	< 0.2 µg/L
1,2-Dichloroethene(Total)	< 0.4 - < 0.4 µg/L	n/a*	< 0.4 µg/L
1,2-Dichloropropane	< 0.2 - < 0.9 µg/L	186 µg/L	< 0.2 µg/L
1,2,3-Trichloropropane	< 0.2 - < 0.9 µg/L	1.71 µg/L	< 0.2 µg/L
1,2,4-Trichlorobenzene	< 0.2 - < 1 µg/L	650 µg/L	< 0.505 µg/L
1,2,4-Trimethylbenzene	< 0.2 - < 0.8 µg/L	3260 µg/L	< 0.2 µg/L
1,2Diphenylhydrazine/Azobenzen	< 0.556 - < 0.556 µg/L	9.57 µg/L	< 0.505 µg/L
1,3-Butadiene	< 0.5 - < 0.8 µg/L	n/a*	NA
1,3-Dichlorobenzene	< 0.2 - < 1 µg/L	3780 µg/L	< 0.505 µg/L
1,3-Dichloropropane	< 0.2 - < 1 µg/L	129 µg/L	< 0.2 µg/L
1,3,5-Trimethylbenzene	< 0.2 - < 0.6 µg/L	3050 µg/L	< 0.2 µg/L
1,4-Dichlorobenzene	< 0.2 - < 1 µg/L	186 µg/L	< 0.505 µg/L
2-Butanone	< 0.2 - < 0.2 µg/L	491000 µg/L	2.86 µg/L (J)
2-Chloroethylvinyl ether	< 1 - < 1 µg/L	16.2 µg/L	< 1 µg/L
2-Chloronaphthalene	< 0.556 - < 1 µg/L	5480 µg/L	< 0.505 µg/L
2-Chlorophenol	< 0.556 - < 1 µg/L	1930 µg/L	< 0.505 µg/L
2-Chlorotoluene	< 0.2 - < 0.6 µg/L	2420 µg/L	< 0.2 µg/L
2-Hexanone	< 0.5 - < 0.5 µg/L	32400 µg/L	< 0.5 µg/L
2-Methylnaphthalene	< 0.045 - < 1 µg/L	276 µg/L	0.067 µg/L (J)
2-Nitroaniline	< 0.556 - < 0.7 µg/L	136 µg/L	< 0.505 µg/L
2-Nitrophenol	< 0.556 - < 0.9 µg/L	686 µg/L	< 0.505 µg/L
2,2-Dichloropropane	< 0.2 - < 0.7 µg/L	163 µg/L	< 0.2 µg/L
2,4-Dichlorophenol	< 0.556 - < 0.7 µg/L	739 µg/L	< 0.505 µg/L
2,4-Dimethylphenol	< 0.556 - < 1 µg/L	4740 µg/L	< 0.505 µg/L
2,4-Dinitrophenol	< 0.8 - < 1.67 µg/L	1270 µg/L	< 1.52 µg/L

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

South 4 Group Fire

Analytical Water Screening Values - December 04, 2019[1]

Analyte	Background Range[2]	Screening Value[3]	WS001		WS002		WS003
			PNTX1204X001A	PNTX1204X001B	PNTX1204X002A	PNTX1204X002B	PNTX1204X003A
			Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
2,4-Dinitrotoluene	< 0.556 - < 0.8 µg/L	30 µg/L	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L
2,4,5-Trichlorophenol	< 0.556 - < 0.6 µg/L	14000 µg/L	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L
2,4,6-Trichlorophenol	< 0.556 - < 0.6 µg/L	455 µg/L	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L
2,6-Dinitrotoluene	< 0.556 - < 0.6 µg/L	30 µg/L	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L
3-Nitroaniline	< 0.556 - < 0.8 µg/L	177 µg/L	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L
3,3'-Dichlorobenzidine	< 0.556 - < 0.6 µg/L	20.7 µg/L	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L
4-Bromophenyl phenyl ether	< 0.556 - < 0.8 µg/L	n/a*	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L
4-Chloro-3-methylphenol	< 0.5 - < 0.556 µg/L	870 µg/L	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L
4-Chloroaniline	< 0.5 - < 0.556 µg/L	2140 µg/L	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L
4-Chlorophenyl phenyl ether	< 0.556 - < 1 µg/L	n/a*	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L
4-Chlorotoluene	< 0.2 - < 0.5 µg/L	2120 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
4-Isopropyltoluene	< 0.2 - < 0.6 µg/L	3700 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
4-Methyl-2-pentanone	< 0.2 - < 0.2 µg/L	52700 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
4-Nitroaniline	< 0.8 - < 1.67 µg/L	966 µg/L	< 1.52 µg/L	< 1.5 µg/L	< 1.5 µg/L	< 1.53 µg/L	< 1.52 µg/L
4-Nitrophenol	< 0.6 - < 1.67 µg/L	1120 µg/L	4.09 µg/L (J)	< 1.5 µg/L	< 1.5 µg/L	< 1.53 µg/L	< 1.52 µg/L
4,6-Dinitro-2-methylphenol	< 0.6 - < 1.67 µg/L	1100 µg/L	< 1.52 µg/L	< 1.5 µg/L	< 1.5 µg/L	< 1.53 µg/L	< 1.52 µg/L
>C12-C28	< 124 - < 124 µg/L	n/a*	< 119 µg/L	606 µg/L (J)	< 123 µg/L	< 123 µg/L	1,060 µg/L (J)
>C28-C35	< 124 - < 124 µg/L	n/a*	< 119 µg/L	< 120 µg/L	< 123 µg/L	< 123 µg/L	< 123 µg/L
Acenaphthene	< 0.014 - < 1 µg/L	2440 µg/L	< 0.013 µg/L	0.096 µg/L (J)	< 0.013 µg/L	0.255 µg/L	< 0.013 µg/L
Acenaphthylene	< 0.045 - < 1 µg/L	3260 µg/L	< 0.04 µg/L	0.085 µg/L (J)	< 0.04 µg/L	0.254 µg/L	< 0.04 µg/L
Acetone	1.11 - 1.11 µg/L	780000 µg/L	4.27 µg/L (J)	4.5 µg/L (J)	3.69 µg/L (J)	3.41 µg/L (J)	2.0 µg/L
Acrolein	< 2.5 - < 2.5 µg/L	426 µg/L	< 2.5 µg/L	< 2.5 µg/L	< 2.5 µg/L	< 2.5 µg/L	< 2.5 µg/L
Acrylonitrile	< 1 - < 1 µg/L	75.7 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L
Aniline	< 0.6 - < 0.833 µg/L	4690 µg/L	< 0.769 µg/L	< 0.75 µg/L	< 0.75 µg/L	< 0.765 µg/L	< 0.756 µg/L
Anthracene	< 0.045 - < 0.5 µg/L	10700 µg/L	< 0.04 µg/L	< 0.04 µg/L	< 0.04 µg/L	< 0.04 µg/L	0.098 µg/L (J)
Benzene	< 0.2 - < 0.7 µg/L	235 µg/L	0.728 µg/L (J)	0.944 µg/L (J)	0.388 µg/L (J)	0.362 µg/L (J)	0.417 µg/L (J)
Benzidine	< 1 - < 2.78 µg/L	0.158 µg/L	< 2.59 µg/L	< 2.5 µg/L	< 2.5 µg/L	< 2.55 µg/L	< 2.52 µg/L
Benzo(a)anthracene	< 0.028 - < 1 µg/L	n/a*	< 0.025 µg/L	< 0.025 µg/L	< 0.025 µg/L	0.056 µg/L (J)	< 0.025 µg/L
Benzo(a)pyrene	< 0.014 - < 0.6 µg/L	n/a*	< 0.013 µg/L	0.025 µg/L (J)	< 0.013 µg/L	0.072 µg/L (J)	0.064 µg/L (J)
Benzo(b)fluoranthene	< 0.014 - < 0.5 µg/L	n/a*	< 0.013 µg/L	0.015 µg/L (J)	< 0.013 µg/L	0.047 µg/L (J)	0.07 µg/L (J)
Benzo(g,h,i)perylene	< 0.014 - < 0.014 µg/L	n/a*	< 0.013 µg/L	0.06 µg/L (J)	< 0.012 µg/L	0.102 µg/L	0.091 µg/L (J)
Benzo(k)fluoranthene	< 0.028 - < 0.8 µg/L	n/a*	< 0.025 µg/L	0.038 µg/L (J)	< 0.025 µg/L	0.1 µg/L	0.029 µg/L (J)
Benzoic acid	< 0.5 - < 1.67 µg/L	1830000 µg/L	< 1.52 µg/L	< 1.5 µg/L	< 1.5 µg/L	< 1.53 µg/L	< 1.52 µg/L
Benzyl alcohol	< 0.556 - < 0.9 µg/L	210000 µg/L	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L
Bis(2-Chloroethoxy)methane	< 0.556 - < 0.6 µg/L	12.3 µg/L	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L
Bis(2-Chloroethyl)ether	< 0.556 - < 0.9 µg/L	25.8 µg/L	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 04, 2019[1]

			WS003	WS004		WS006	
			PNTX1204X003B	PNTX1204X004A	PNTX1204X004B	PNTX1204X006A	PNTX1204X006B
Analyte	Background Range[2]	Screening Value[3]	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
2,4-Dinitrotoluene	< 0.556 - < 0.8 µg/L	30 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L
2,4,5-Trichlorophenol	< 0.556 - < 0.6 µg/L	14000 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L
2,4,6-Trichlorophenol	< 0.556 - < 0.6 µg/L	455 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L
2,6-Dinitrotoluene	< 0.556 - < 0.6 µg/L	30 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L
3-Nitroaniline	< 0.556 - < 0.8 µg/L	177 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L
3,3'-Dichlorobenzidine	< 0.556 - < 0.6 µg/L	20.7 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L
4-Bromophenyl phenyl ether	< 0.556 - < 0.8 µg/L	n/a*	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L
4-Chloro-3-methylphenol	< 0.5 - < 0.556 µg/L	870 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L
4-Chloroaniline	< 0.5 - < 0.556 µg/L	2140 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L
4-Chlorophenyl phenyl ether	< 0.556 - < 1 µg/L	n/a*	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L
4-Chlorotoluene	< 0.2 - < 0.5 µg/L	2120 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
4-Isopropyltoluene	< 0.2 - < 0.6 µg/L	3700 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
4-Methyl-2-pentanone	< 0.2 - < 0.2 µg/L	52700 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
4-Nitroaniline	< 0.8 - < 1.67 µg/L	966 µg/L	< 1.53 µg/L	< 1.56 µg/L	< 1.53 µg/L	< 1.55 µg/L	< 1.56 µg/L
4-Nitrophenol	< 0.6 - < 1.67 µg/L	1120 µg/L	< 1.53 µg/L	< 1.56 µg/L	< 1.53 µg/L	< 1.55 µg/L	< 1.56 µg/L
4,6-Dinitro-2-methylphenol	< 0.6 - < 1.67 µg/L	1100 µg/L	< 1.53 µg/L	< 1.56 µg/L	< 1.53 µg/L	< 1.55 µg/L	< 1.56 µg/L
>C12-C28	< 124 - < 124 µg/L	n/a*	979 µg/L (J)	< 122 µg/L	343 µg/L (J)	< 123 µg/L	< 122 µg/L
>C28-C35	< 124 - < 124 µg/L	n/a*	< 122 µg/L	< 122 µg/L	< 126 µg/L	< 123 µg/L	< 122 µg/L
Acenaphthene	< 0.014 - < 1 µg/L	2440 µg/L	0.26 µg/L	< 0.013 µg/L	0.502 µg/L	< 0.013 µg/L	0.216 µg/L
Acenaphthylene	< 0.045 - < 1 µg/L	3260 µg/L	0.626 µg/L	< 0.04 µg/L	0.638 µg/L	< 0.041 µg/L	0.479 µg/L
Acetone	1.11 - 1.11 µg/L	780000 µg/L	13.6 µg/L	17.8 µg/L	9.67 µg/L	25.4 µg/L	15.7 µg/L
Acrolein	< 2.5 - < 2.5 µg/L	426 µg/L	< 2.5 µg/L	< 2.5 µg/L	< 2.5 µg/L	< 2.5 µg/L	< 2.5 µg/L
Acrylonitrile	< 1 - < 1 µg/L	75.7 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L
Aniline	< 0.6 - < 0.833 µg/L	4690 µg/L	< 0.765 µg/L	< 0.781 µg/L	< 0.765 µg/L	< 0.773 µg/L	< 0.781 µg/L
Anthracene	< 0.045 - < 0.5 µg/L	10700 µg/L	0.109 µg/L	0.048 µg/L (J)	0.092 µg/L (J)	0.043 µg/L (J)	0.103 µg/L (J)
Benzene	< 0.2 - < 0.7 µg/L	235 µg/L	0.525 µg/L (J)	0.243 µg/L (J)	0.56 µg/L (J)	< 0.2 µg/L	0.646 µg/L (J)
Benzidine	< 1 - < 2.78 µg/L	0.158 µg/L	< 2.55 µg/L	< 2.6 µg/L	< 2.55 µg/L	< 2.58 µg/L	< 2.6 µg/L
Benzo(a)anthracene	< 0.028 - < 1 µg/L	n/a*	0.046 µg/L (J)	< 0.026 µg/L	0.111 µg/L	< 0.026 µg/L	0.07 µg/L (J)
Benzo(a)pyrene	< 0.014 - < 0.6 µg/L	n/a*	0.04 µg/L (J)	< 0.013 µg/L	0.125 µg/L	< 0.013 µg/L	0.062 µg/L (J)
Benzo(b)fluoranthene	< 0.014 - < 0.5 µg/L	n/a*	0.043 µg/L (J)	< 0.013 µg/L	0.103 µg/L (J)	< 0.013 µg/L	0.067 µg/L (J)
Benzo(g,h,i)perylene	< 0.014 - < 0.014 µg/L	n/a*	0.04 µg/L (J)	< 0.013 µg/L	0.155 µg/L	< 0.013 µg/L	0.06 µg/L (J)
Benzo(k)fluoranthene	< 0.028 - < 0.8 µg/L	n/a*	< 0.026 µg/L	< 0.026 µg/L	0.146 µg/L	< 0.026 µg/L	0.029 µg/L (J)
Benzoic acid	< 0.5 - < 1.67 µg/L	1830000 µg/L	< 1.53 µg/L	< 1.56 µg/L	< 1.53 µg/L	< 1.55 µg/L	< 1.56 µg/L
Benzyl alcohol	< 0.556 - < 0.9 µg/L	210000 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L
Bis(2-Chloroethoxy)methane	< 0.556 - < 0.6 µg/L	12.3 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L
Bis(2-Chloroethyl)ether	< 0.556 - < 0.9 µg/L	25.8 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 04, 2019[1]

Analyte	Background Range[2]	Screening Value[3]	WS015 PNTX1204X015 Pending Validation
2,4-Dinitrotoluene	< 0.556 - < 0.8 µg/L	30 µg/L	< 0.505 µg/L
2,4,5-Trichlorophenol	< 0.556 - < 0.6 µg/L	14000 µg/L	< 0.505 µg/L
2,4,6-Trichlorophenol	< 0.556 - < 0.6 µg/L	455 µg/L	< 0.505 µg/L
2,6-Dinitrotoluene	< 0.556 - < 0.6 µg/L	30 µg/L	< 0.505 µg/L
3-Nitroaniline	< 0.556 - < 0.8 µg/L	177 µg/L	< 0.505 µg/L
3,3'-Dichlorobenzidine	< 0.556 - < 0.6 µg/L	20.7 µg/L	< 0.505 µg/L
4-Bromophenyl phenyl ether	< 0.556 - < 0.8 µg/L	n/a*	< 0.505 µg/L
4-Chloro-3-methylphenol	< 0.5 - < 0.556 µg/L	870 µg/L	< 0.505 µg/L
4-Chloroaniline	< 0.5 - < 0.556 µg/L	2140 µg/L	< 0.505 µg/L
4-Chlorophenyl phenyl ether	< 0.556 - < 1 µg/L	n/a*	< 0.505 µg/L
4-Chlorotoluene	< 0.2 - < 0.5 µg/L	2120 µg/L	< 0.2 µg/L
4-Isopropyltoluene	< 0.2 - < 0.6 µg/L	3700 µg/L	< 0.2 µg/L
4-Methyl-2-pentanone	< 0.2 - < 0.2 µg/L	52700 µg/L	< 0.2 µg/L
4-Nitroaniline	< 0.8 - < 1.67 µg/L	966 µg/L	< 1.52 µg/L
4-Nitrophenol	< 0.6 - < 1.67 µg/L	1120 µg/L	< 1.52 µg/L
4,6-Dinitro-2-methylphenol	< 0.6 - < 1.67 µg/L	1100 µg/L	< 1.52 µg/L
>C12-C28	< 124 - < 124 µg/L	n/a*	< 122 µg/L
>C28-C35	< 124 - < 124 µg/L	n/a*	< 122 µg/L
Acenaphthene	< 0.014 - < 1 µg/L	2440 µg/L	< 0.013 µg/L
Acenaphthylene	< 0.045 - < 1 µg/L	3260 µg/L	0.231 µg/L
Acetone	1.11 - 1.11 µg/L	780000 µg/L	9.02 µg/L
Acrolein	< 2.5 - < 2.5 µg/L	426 µg/L	< 2.5 µg/L
Acrylonitrile	< 1 - < 1 µg/L	75.7 µg/L	< 1 µg/L
Aniline	< 0.6 - < 0.833 µg/L	4690 µg/L	< 0.769 µg/L
Anthracene	< 0.045 - < 0.5 µg/L	10700 µg/L	0.066 µg/L (J)
Benzene	< 0.2 - < 0.7 µg/L	235 µg/L	1.35 µg/L (J)
Benzidine	< 1 - < 2.78 µg/L	0.158 µg/L	< 2.59 µg/L
Benzo(a)anthracene	< 0.028 - < 1 µg/L	n/a*	< 0.025 µg/L
Benzo(a)pyrene	< 0.014 - < 0.6 µg/L	n/a*	< 0.013 µg/L
Benzo(b)fluoranthene	< 0.014 - < 0.5 µg/L	n/a*	< 0.013 µg/L
Benzo(g,h,i)perylene	< 0.014 - < 0.014 µg/L	n/a*	0.03 µg/L (J)
Benzo(k)fluoranthene	< 0.028 - < 0.8 µg/L	n/a*	< 0.025 µg/L
Benzoic acid	< 0.5 - < 1.67 µg/L	1830000 µg/L	< 1.52 µg/L
Benzyl alcohol	< 0.556 - < 0.9 µg/L	210000 µg/L	< 0.505 µg/L
Bis(2-Chloroethoxy)methane	< 0.556 - < 0.6 µg/L	12.3 µg/L	< 0.505 µg/L
Bis(2-Chloroethyl)ether	< 0.556 - < 0.9 µg/L	25.8 µg/L	< 0.505 µg/L

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

South 4 Group Fire

Analytical Water Screening Values - December 04, 2019[1]

			WS001		WS002		WS003
			PNTX1204X001A	PNTX1204X001B	PNTX1204X002A	PNTX1204X002B	PNTX1204X003A
Analyte	Background Range[2]	Screening Value[3]	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
Bis(2-Chloroisopropyl)ether	< 0.556 - < 1 µg/L	181 µg/L	0.526 µg/L (J)	< 0.5 µg/L	0.672 µg/L (J)	< 0.51 µg/L	2.12 µg/L (J)
Bis(2-Ethylhexyl)phthalate	< 0.278 - < 1 µg/L	n/a*	< 0.253 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.255 µg/L	< 0.253 µg/L
Bromobenzene	< 0.2 - < 0.2 µg/L	4200 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Bromochloromethane	< 0.2 - < 11 µg/L	26800 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Bromodichloromethane	< 0.2 - < 1 µg/L	477 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	0.728 µg/L (J)
Bromoform	< 0.25 - < 0.25 µg/L	4300 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Bromomethane	< 0.5 - < 2 µg/L	902 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
Butyl benzyl phthalate	< 0.278 - < 0.8 µg/L	7880 µg/L	< 0.253 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.255 µg/L	< 0.253 µg/L
C6-C12	< 107 - < 107 µg/L	n/a*	< 103 µg/L	< 103 µg/L	< 106 µg/L	< 106 µg/L	< 106 µg/L
Carbazole	< 0.556 - < 0.556 µg/L	n/a*	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L
Carbon disulfide	< 0.2 - < 0.2 µg/L	n/a*	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Carbon tetrachloride	< 0.25 - < 0.6 µg/L	n/a*	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Chlorobenzene	< 0.2 - < 0.7 µg/L	1580 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Chloroethane	< 0.25 - < 0.7 µg/L	175000 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Chloroform	< 0.2 - < 0.7 µg/L	2350 µg/L	0.449 µg/L (J)	0.599 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L	14.0 µg/L
Chloromethane	< 0.2 - < 0.7 µg/L	1950 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Chrysene	< 0.028 - < 0.9 µg/L	n/a*	< 0.025 µg/L	< 0.025 µg/L	< 0.025 µg/L	0.073 µg/L (J)	0.074 µg/L (J)
cis-1,2-Dichloroethene	< 0.2 - < 0.7 µg/L	4180 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
cis-1,3-Dichloropropene	< 0.2 - < 1 µg/L	46.3 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Di-n-butyl phthalate	< 0.556 - < 0.556 µg/L	4490 µg/L	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L
Di-n-octyl phthalate	< 0.278 - < 0.7 µg/L	n/a*	< 0.253 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.255 µg/L	< 0.253 µg/L
Dibenz(a,h)anthracene	< 0.028 - < 0.6 µg/L	n/a*	< 0.025 µg/L	0.067 µg/L (J)	< 0.025 µg/L	0.103 µg/L	0.041 µg/L (J)
Dibenzofuran	< 0.556 - < 1 µg/L	219 µg/L	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L
Dibromochloromethane	< 0.2 - < 1 µg/L	383 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Dibromomethane	< 0.25 - < 1 µg/L	4300 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Dichlorodifluoromethane	< 0.2 - < 0.8 µg/L	37600 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Diethyl phthalate	< 0.556 - < 0.6 µg/L	307000 µg/L	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L
Dimethyl phthalate	< 0.556 - < 0.9 µg/L	540000 µg/L	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L
Ethylbenzene	< 0.2 - < 0.7 µg/L	12800 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	0.36 µg/L (J)
Ethylene Glycol	315 - 315 µg/L	1840000 µg/L	< 0.265 mg/L	0.541 mg/L (J)	< 0.265 mg/L	0.532 mg/L (J)	< 0.265 mg/L
Fluoranthene	< 0.014 - < 0.7 µg/L	n/a*	0.027 µg/L (J)	0.04 µg/L (J)	< 0.012 µg/L	0.015 µg/L (J)	0.281 µg/L
Fluorene	< 0.045 - < 1 µg/L	2110 µg/L	< 0.04 µg/L	0.043 µg/L (J)	< 0.04 µg/L	0.071 µg/L (J)	< 0.04 µg/L
Hexachlorobenzene	< 0.556 - < 0.7 µg/L	n/a*	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L
Hexachlorobutadiene	< 0.3 - < 1 µg/L	6.9 µg/L	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L
Hexachlorocyclopentadiene	< 1 - < 1.67 µg/L	256 µg/L	< 1.52 µg/L	< 1.5 µg/L	< 1.5 µg/L	< 1.52 µg/L	< 1.52 µg/L
Hexachloroethane	< 0.556 - < 1 µg/L	n/a*	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 04, 2019[1]

			WS003	WS004		WS006	
			PNTX1204X003B	PNTX1204X004A	PNTX1204X004B	PNTX1204X006A	PNTX1204X006B
Analyte	Background Range[2]	Screening Value[3]	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
Bis(2-Chloroisopropyl)ether	< 0.556 - < 1 µg/L	181 µg/L	< 0.51 µg/L	1.2 µg/L (J)	< 0.51 µg/L	1.64 µg/L (J)	1.08 µg/L (J)
Bis(2-Ethylhexyl)phthalate	< 0.278 - < 1 µg/L	n/a*	< 0.255 µg/L	< 0.26 µg/L	< 0.255 µg/L	< 0.258 µg/L	< 0.26 µg/L
Bromobenzene	< 0.2 - < 0.2 µg/L	4200 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Bromochloromethane	< 0.2 - < 11 µg/L	26800 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Bromodichloromethane	< 0.2 - < 1 µg/L	477 µg/L	0.744 µg/L (J)	0.855 µg/L (J)	0.727 µg/L (J)	0.882 µg/L (J)	0.67 µg/L (J)
Bromoform	< 0.25 - < 0.25 µg/L	4300 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Bromomethane	< 0.5 - < 2 µg/L	902 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
Butyl benzyl phthalate	< 0.278 - < 0.8 µg/L	7880 µg/L	< 0.255 µg/L	< 0.26 µg/L	< 0.255 µg/L	< 0.258 µg/L	< 0.26 µg/L
C6-C12	< 107 - < 107 µg/L	n/a*	< 105 µg/L	< 105 µg/L	< 108 µg/L	< 106 µg/L	< 105 µg/L
Carbazole	< 0.556 - < 0.556 µg/L	n/a*	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L
Carbon disulfide	< 0.2 - < 0.2 µg/L	n/a*	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Carbon tetrachloride	< 0.25 - < 0.6 µg/L	n/a*	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Chlorobenzene	< 0.2 - < 0.7 µg/L	1580 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Chloroethane	< 0.25 - < 0.7 µg/L	175000 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Chloroform	< 0.2 - < 0.7 µg/L	2350 µg/L	14.6 µg/L	16.2 µg/L	14.6 µg/L	16.3 µg/L	12 µg/L
Chloromethane	< 0.2 - < 0.7 µg/L	1950 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Chrysene	< 0.028 - < 0.9 µg/L	n/a*	0.045 µg/L (J)	< 0.026 µg/L	0.149 µg/L	< 0.026 µg/L	0.066 µg/L (J)
cis-1,2-Dichloroethene	< 0.2 - < 0.7 µg/L	4180 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
cis-1,3-Dichloropropene	< 0.2 - < 1 µg/L	46.3 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Di-n-butyl phthalate	< 0.556 - < 0.556 µg/L	4490 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L
Di-n-octyl phthalate	< 0.278 - < 0.7 µg/L	n/a*	< 0.255 µg/L	< 0.26 µg/L	< 0.255 µg/L	< 0.258 µg/L	< 0.26 µg/L
Dibenz(a,h)anthracene	< 0.028 - < 0.6 µg/L	n/a*	< 0.025 µg/L	< 0.026 µg/L	0.157 µg/L	< 0.026 µg/L	< 0.026 µg/L
Dibenzofuran	< 0.556 - < 1 µg/L	219 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L
Dibromochloromethane	< 0.2 - < 1 µg/L	383 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Dibromomethane	< 0.25 - < 1 µg/L	4300 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Dichlorodifluoromethane	< 0.2 - < 0.8 µg/L	37600 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Diethyl phthalate	< 0.556 - < 0.6 µg/L	307000 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L
Dimethyl phthalate	< 0.556 - < 0.9 µg/L	540000 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L
Ethylbenzene	< 0.2 - < 0.7 µg/L	12800 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Ethylene Glycol	315 - 315 µg/L	1840000 µg/L	0.326 mg/L (J)	< 0.265 mg/L	0.33 mg/L (J)	< 0.265 mg/L	0.449 mg/L (J)
Fluoranthene	< 0.014 - < 0.7 µg/L	n/a*	0.223 µg/L	0.076 µg/L (J)	0.204 µg/L	0.086 µg/L (J)	0.269 µg/L
Fluorene	< 0.045 - < 1 µg/L	2110 µg/L	0.15 µg/L	< 0.04 µg/L	0.187 µg/L	< 0.041 µg/L	0.088 µg/L (J)
Hexachlorobenzene	< 0.556 - < 0.7 µg/L	n/a*	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L
Hexachlorobutadiene	< 0.3 - < 1 µg/L	6.9 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L
Hexachlorocyclopentadiene	< 1 - < 1.67 µg/L	256 µg/L	< 1.52 µg/L	< 1.56 µg/L	< 1.53 µg/L	< 1.55 µg/L	< 1.56 µg/L
Hexachloroethane	< 0.556 - < 1 µg/L	n/a*	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 04, 2019[1]

Analyte	Background Range[2]	Screening Value[3]	WS015 PNTX1204X015 Pending Validation
Bis(2-Chloroisopropyl)ether	< 0.556 - < 1 µg/L	181 µg/L	< 0.505 µg/L
Bis(2-Ethylhexyl)phthalate	< 0.278 - < 1 µg/L	n/a*	< 0.253 µg/L
Bromobenzene	< 0.2 - < 0.2 µg/L	4200 µg/L	< 0.2 µg/L
Bromochloromethane	< 0.2 - < 11 µg/L	26800 µg/L	< 0.2 µg/L
Bromodichloromethane	< 0.2 - < 1 µg/L	477 µg/L	< 0.2 µg/L
Bromoform	< 0.25 - < 0.25 µg/L	4300 µg/L	< 0.25 µg/L
Bromomethane	< 0.5 - < 2 µg/L	902 µg/L	< 0.5 µg/L
Butyl benzyl phthalate	< 0.278 - < 0.8 µg/L	7880 µg/L	< 0.253 µg/L
C6-C12	< 107 - < 107 µg/L	n/a*	< 105 µg/L
Carbazole	< 0.556 - < 0.556 µg/L	n/a*	< 0.505 µg/L
Carbon disulfide	< 0.2 - < 0.2 µg/L	n/a*	< 0.2 µg/L
Carbon tetrachloride	< 0.25 - < 0.6 µg/L	n/a*	< 0.25 µg/L
Chlorobenzene	< 0.2 - < 0.7 µg/L	1580 µg/L	< 0.2 µg/L
Chloroethane	< 0.25 - < 0.7 µg/L	175000 µg/L	< 0.25 µg/L
Chloroform	< 0.2 - < 0.7 µg/L	2350 µg/L	2.05 µg/L (J)
Chloromethane	< 0.2 - < 0.7 µg/L	1950 µg/L	< 0.2 µg/L
Chrysene	< 0.028 - < 0.9 µg/L	n/a*	0.029 µg/L (J)
cis-1,2-Dichloroethene	< 0.2 - < 0.7 µg/L	4180 µg/L	< 0.2 µg/L
cis-1,3-Dichloropropene	< 0.2 - < 1 µg/L	46.3 µg/L	< 0.2 µg/L
Di-n-butyl phthalate	< 0.556 - < 0.556 µg/L	4490 µg/L	< 0.505 µg/L
Di-n-octyl phthalate	< 0.278 - < 0.7 µg/L	n/a*	< 0.253 µg/L
Dibenz(a,h)anthracene	< 0.028 - < 0.6 µg/L	n/a*	< 0.025 µg/L
Dibenzofuran	< 0.556 - < 1 µg/L	219 µg/L	< 0.505 µg/L
Dibromochloromethane	< 0.2 - < 1 µg/L	383 µg/L	< 0.2 µg/L
Dibromomethane	< 0.25 - < 1 µg/L	4300 µg/L	< 0.25 µg/L
Dichlorodifluoromethane	< 0.2 - < 0.8 µg/L	37600 µg/L	< 0.2 µg/L
Diethyl phthalate	< 0.556 - < 0.6 µg/L	307000 µg/L	< 0.505 µg/L
Dimethyl phthalate	< 0.556 - < 0.9 µg/L	540000 µg/L	< 0.505 µg/L
Ethylbenzene	< 0.2 - < 0.7 µg/L	12800 µg/L	0.859 µg/L (J)
Ethylene Glycol	315 - 315 µg/L	1840000 µg/L	< 0.265 mg/L
Fluoranthene	< 0.014 - < 0.7 µg/L	n/a*	0.109 µg/L
Fluorene	< 0.045 - < 1 µg/L	2110 µg/L	0.118 µg/L
Hexachlorobenzene	< 0.556 - < 0.7 µg/L	n/a*	< 0.505 µg/L
Hexachlorobutadiene	< 0.3 - < 1 µg/L	6.9 µg/L	< 0.505 µg/L
Hexachlorocyclopentadiene	< 1 - < 1.67 µg/L	256 µg/L	< 1.52 µg/L
Hexachloroethane	< 0.556 - < 1 µg/L	n/a*	< 0.505 µg/L

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

South 4 Group Fire

Analytical Water Screening Values - December 04, 2019[1]

			WS001		WS002		WS003
			PNTX1204X001A	PNTX1204X001B	PNTX1204X002A	PNTX1204X002B	PNTX1204X003A
Analyte	Background Range[2]	Screening Value[3]	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
Indeno(1,2,3-cd)pyrene	< 0.014 - < 0.5 µg/L	n/a*	< 0.013 µg/L	0.065 µg/L (J)	< 0.013 µg/L	0.125 µg/L	0.086 µg/L (J)
Isophorone	< 0.5 - < 0.556 µg/L	10400 µg/L	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L
Isopropylbenzene (Cumene)	< 0.2 - < 0.6 µg/L	8440 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
m,p-Cresol	< 0.278 - < 0.278 µg/L	n/a*	< 0.253 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.255 µg/L	< 0.253 µg/L
m,p-Xylene	< 0.2 - < 0.2 µg/L	n/a*	0.537 µg/L (J)	0.439 µg/L (J)	< 0.2 µg/L	0.346 µg/L (J)	0.49 µg/L (J)
Methyl iodide	< 0.5 - < 0.5 µg/L	870 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
Methylene chloride	< 0.2 - < 1 µg/L	3370 µg/L	1.3 µg/L (J)	< 0.2 µg/L	1.16 µg/L (J)	0.629 µg/L (J)	< 0.2 µg/L
n-Butylbenzene	< 0.2 - < 0.7 µg/L	1200 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
n-Nitrosodi-n-propylamine	< 0.556 - < 1 µg/L	1.98 µg/L	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L
n-Nitrosodimethylamine	< 0.5 - < 0.556 µg/L	0.962 µg/L	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L
n-Nitrosodiphenylamine	< 0.556 - < 0.8 µg/L	421 µg/L	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L
n-Propylbenzene	< 0.6 - < 1 µg/L	2350 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L
Naphthalene	< 0.014 - < 2 µg/L	2550 µg/L	0.03 µg/L (J)	0.038 µg/L (J)	0.561 µg/L	0.709 µg/L	0.362 µg/L
Nitrobenzene	< 0.556 - < 1 µg/L	248 µg/L	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L
o-Cresol	< 0.556 - < 0.8 µg/L	18500 µg/L	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L
o-Xylene	< 0.2 - < 0.2 µg/L	227000 µg/L	0.205 µg/L (J)	0.251 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L	2.39 µg/L (J)
Oil and Grease	< 1600 - < 1600 µg/L	n/a*	1.7 mg/L (J)	< 1.5 mg/L	2.6 mg/L (J)	< 1.5 mg/L	4.7 mg/L (J)
Pentachlorophenol	< 0.556 - < 0.6 µg/L	9.92 µg/L	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L
PFHxS	< 1.64 - < 1.64 ng/L	n/a*	36.9 ng/L	66.4 ng/L	102 ng/L	170 ng/L	50.8 ng/L
PFOA	< 1.8 - < 1.8 ng/L	n/a*	6.28 ng/L (J)	17.9 ng/L	14 ng/L	28.3 ng/L	22.9 ng/L
PFOS	1.8 - 1.8 ng/L	n/a*	117 ng/L (J)	215 ng/L	201 ng/L	332 ng/L	104 ng/L
Phenanthrene	< 0.014 - < 0.5 µg/L	1070 µg/L	0.059 µg/L (J)	0.075 µg/L (J)	0.027 µg/L (J)	0.027 µg/L (J)	0.596 µg/L
Phenol	< 0.5 - < 0.556 µg/L	160000 µg/L	< 0.505 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.505 µg/L
Pyrene	< 0.028 - < 0.8 µg/L	n/a*	0.031 µg/L (J)	0.047 µg/L (J)	< 0.025 µg/L	< 0.025 µg/L	0.209 µg/L
Pyridine	< 0.5 - < 1.67 µg/L	717 µg/L	< 1.52 µg/L	< 1.5 µg/L	< 1.5 µg/L	< 1.52 µg/L	< 1.52 µg/L
sec-Butylbenzene	< 0.2 - < 0.5 µg/L	1580 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Styrene	< 0.2 - < 0.8 µg/L	29800 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	2.31 µg/L (J)
tert-Butyl methyl ether (MTBE)	< 0.2 - < 0.2 µg/L	5470 µg/L	4.92 µg/L (J)	6.8 µg/L	18.5 µg/L	18.3 µg/L	23.4 µg/L
tert-Butylbenzene	< 0.2 - < 0.5 µg/L	1400 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Tetrachloroethene	< 0.2 - < 0.6 µg/L	148 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Toluene	< 0.2 - < 0.7 µg/L	16500 µg/L	0.839 µg/L (J)	0.652 µg/L (J)	1.06 µg/L (J)	< 0.2 µg/L	0.539 µg/L (J)
Total Organic Carbon	8830 - 8830 µg/L	n/a*	19.1 mg/L	18.6 mg/L	37 mg/L	35.9 mg/L	35.8 mg/L
Total TPH (C6-C35)	< 107 - < 107 µg/L	n/a*	< 103 µg/L	606 µg/L (J)	< 106 µg/L	< 105 µg/L	1,060 µg/L (J)
trans-1,2-Dichloroethene	< 0.2 - < 0.6 µg/L	6950 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
trans-1,3-Dichloropropene	< 0.2 - < 1 µg/L	250 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
trans-1,4-Dichloro-2-butene	< 0.5 - < 0.5 µg/L	n/a*	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 04, 2019[1]

			WS003	WS004		WS006	
			PNTX1204X003B	PNTX1204X004A	PNTX1204X004B	PNTX1204X006A	PNTX1204X006B
Analyte	Background Range[2]	Screening Value[3]	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
Indeno(1,2,3-cd)pyrene	< 0.014 - < 0.5 µg/L	n/a*	0.04 µg/L (J)	< 0.012 µg/L	0.185 µg/L	< 0.013 µg/L	0.054 µg/L (J)
Isophorone	< 0.5 - < 0.556 µg/L	10400 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L
Isopropylbenzene (Cumene)	< 0.2 - < 0.6 µg/L	8440 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
m,p-Cresol	< 0.278 - < 0.278 µg/L	n/a*	< 0.255 µg/L	< 0.26 µg/L	< 0.255 µg/L	< 0.254 µg/L	< 0.26 µg/L
m,p-Xylene	< 0.2 - < 0.2 µg/L	n/a*	0.382 µg/L (J)	< 0.2 µg/L	0.678 µg/L (J)	< 0.2 µg/L	0.347 µg/L (J)
Methyl iodide	< 0.5 - < 0.5 µg/L	870 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
Methylene chloride	< 0.2 - < 1 µg/L	3370 µg/L	2.05 µg/L (J)	1.65 µg/L (J)	< 0.2 µg/L	1.74 µg/L (J)	0.534 µg/L (J)
n-Butylbenzene	< 0.2 - < 0.7 µg/L	1200 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
n-Nitrosodi-n-propylamine	< 0.556 - < 1 µg/L	1.98 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L
n-Nitrosodimethylamine	< 0.5 - < 0.556 µg/L	0.962 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L
n-Nitrosodiphenylamine	< 0.556 - < 0.8 µg/L	421 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L
n-Propylbenzene	< 0.6 - < 1 µg/L	2350 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L
Naphthalene	< 0.014 - < 2 µg/L	2550 µg/L	0.456 µg/L	0.197 µg/L	0.485 µg/L	0.141 µg/L	0.24 µg/L
Nitrobenzene	< 0.556 - < 1 µg/L	248 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L
o-Cresol	< 0.556 - < 0.8 µg/L	18500 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L
o-Xylene	< 0.2 - < 0.2 µg/L	227000 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Oil and Grease	< 1600 - < 1600 µg/L	n/a*	2.2 mg/L (J)	7 mg/L	2.7 mg/L (J)	4.7 mg/L (J)	4 mg/L (J)
Pentachlorophenol	< 0.556 - < 0.6 µg/L	9.92 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L
PFHxS	< 1.64 - < 1.64 ng/L	n/a*	95.5 ng/L	55.7 ng/L	83.1 ng/L	32 ng/L	80 ng/L
PFOA	< 1.8 - < 1.8 ng/L	n/a*	32.8 ng/L	21.6 ng/L	30.6 ng/L	20.2 ng/L	30 ng/L
PFOS	1.8 - 1.8 ng/L	n/a*	232 ng/L	108 ng/L	163 ng/L	83.3 ng/L	262 ng/L
Phenanthrene	< 0.014 - < 0.5 µg/L	1070 µg/L	0.555 µg/L	0.252 µg/L	0.569 µg/L	0.142 µg/L	0.393 µg/L
Phenol	< 0.5 - < 0.556 µg/L	160000 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.515 µg/L	< 0.521 µg/L
Pyrene	< 0.028 - < 0.8 µg/L	n/a*	0.242 µg/L	0.058 µg/L (J)	0.21 µg/L	0.074 µg/L (J)	0.257 µg/L
Pyridine	< 0.5 - < 1.67 µg/L	717 µg/L	< 1.52 µg/L	< 1.56 µg/L	< 1.53 µg/L	< 1.55 µg/L	< 1.56 µg/L
sec-Butylbenzene	< 0.2 - < 0.5 µg/L	1580 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Styrene	< 0.2 - < 0.8 µg/L	29800 µg/L	0.411 µg/L (J)	< 0.2 µg/L	0.289 µg/L (J)	< 0.2 µg/L	0.35 µg/L (J)
tert-Butyl methyl ether (MTBE)	< 0.2 - < 0.2 µg/L	5470 µg/L	29.7 µg/L	27.2 µg/L	23.6 µg/L	23.2 µg/L	20.1 µg/L
tert-Butylbenzene	< 0.2 - < 0.5 µg/L	1400 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Tetrachloroethene	< 0.2 - < 0.6 µg/L	148 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Toluene	< 0.2 - < 0.7 µg/L	16500 µg/L	0.592 µg/L (J)	< 0.2 µg/L	0.807 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L
Total Organic Carbon	8830 - 8830 µg/L	n/a*	34.4 mg/L	35.7 mg/L	32.2 mg/L	35.6 mg/L	31.2 mg/L
Total TPH (C6-C35)	< 107 - < 107 µg/L	n/a*	979 µg/L (J)	< 105 µg/L	343 µg/L (J)	< 105 µg/L	< 105 µg/L
trans-1,2-Dichloroethene	< 0.2 - < 0.6 µg/L	6950 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
trans-1,3-Dichloropropene	< 0.2 - < 1 µg/L	250 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
trans-1,4-Dichloro-2-butene	< 0.5 - < 0.5 µg/L	n/a*	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 04, 2019[1]

Analyte	Background Range[2]	Screening Value[3]	WS015 PNTX1204X015 Pending Validation
Indeno(1,2,3-cd)pyrene	< 0.014 - < 0.5 µg/L	n/a*	0.023 µg/L (J)
Isophorone	< 0.5 - < 0.556 µg/L	10400 µg/L	< 0.505 µg/L
Isopropylbenzene (Cumene)	< 0.2 - < 0.6 µg/L	8440 µg/L	< 0.2 µg/L
m,p-Cresol	< 0.278 - < 0.278 µg/L	n/a*	< 0.253 µg/L
m,p-Xylene	< 0.2 - < 0.2 µg/L	n/a*	0.423 µg/L (J)
Methyl iodide	< 0.5 - < 0.5 µg/L	870 µg/L	< 0.5 µg/L
Methylene chloride	< 0.2 - < 1 µg/L	3370 µg/L	1.57 µg/L (J)
n-Butylbenzene	< 0.2 - < 0.7 µg/L	1200 µg/L	< 0.2 µg/L
n-Nitrosodi-n-propylamine	< 0.556 - < 1 µg/L	1.98 µg/L	< 0.505 µg/L
n-Nitrosodimethylamine	< 0.5 - < 0.556 µg/L	0.962 µg/L	< 0.505 µg/L
n-Nitrosodiphenylamine	< 0.556 - < 0.8 µg/L	421 µg/L	< 0.505 µg/L
n-Propylbenzene	< 0.6 - < 1 µg/L	2350 µg/L	< 1 µg/L
Naphthalene	< 0.014 - < 2 µg/L	2550 µg/L	0.286 µg/L
Nitrobenzene	< 0.556 - < 1 µg/L	248 µg/L	< 0.505 µg/L
o-Cresol	< 0.556 - < 0.8 µg/L	18600 µg/L	< 0.505 µg/L
o-Xylene	< 0.2 - < 0.2 µg/L	227000 µg/L	< 0.2 µg/L
Oil and Grease	< 1600 - < 1600 µg/L	n/a*	2 mg/L (J)
Pentachlorophenol	< 0.556 - < 0.6 µg/L	9.92 µg/L	< 0.505 µg/L
PFHxS	< 1.64 - < 1.64 ng/L	n/a*	8.8 ng/L
PFOA	< 1.8 - < 1.8 ng/L	n/a*	1.51 ng/L (J)
PFOS	1.8 - 1.8 ng/L	n/a*	36.3 ng/L
Phenanthrene	< 0.014 - < 0.5 µg/L	1070 µg/L	0.393 µg/L
Phenol	< 0.5 - < 0.556 µg/L	160000 µg/L	< 0.505 µg/L
Pyrene	< 0.028 - < 0.8 µg/L	n/a*	0.129 µg/L
Pyridine	< 0.5 - < 1.67 µg/L	717 µg/L	< 1.52 µg/L
sec-Butylbenzene	< 0.2 - < 0.5 µg/L	1580 µg/L	< 0.2 µg/L
Styrene	< 0.2 - < 0.8 µg/L	29800 µg/L	3.38 µg/L (J)
tert-Butyl methyl ether (MTBE)	< 0.2 - < 0.2 µg/L	5470 µg/L	12.3 µg/L
tert-Butylbenzene	< 0.2 - < 0.5 µg/L	1400 µg/L	< 0.2 µg/L
Tetrachloroethene	< 0.2 - < 0.6 µg/L	148 µg/L	< 0.2 µg/L
Toluene	< 0.2 - < 0.7 µg/L	16500 µg/L	< 0.2 µg/L
Total Organic Carbon	8830 - 8830 µg/L	n/a*	15.2 mg/L
Total TPH (C6-C35)	< 107 - < 107 µg/L	n/a*	< 105 µg/L
trans-1,2-Dichloroethene	< 0.2 - < 0.6 µg/L	6950 µg/L	< 0.2 µg/L
trans-1,3-Dichloropropene	< 0.2 - < 1 µg/L	250 µg/L	< 0.2 µg/L
trans-1,4-Dichloro-2-butene	< 0.5 - < 0.5 µg/L	n/a*	< 0.5 µg/L

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

South 4 Group Fire

Analytical Water Screening Values - December 04, 2019[1]

			WS001		WS002		WS003
			PNTX1204X001A	PNTX1204X001B	PNTX1204X002A	PNTX1204X002B	PNTX1204X003A
Analyte	**Background Range[2]**	**Screening Value[3]**	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
Trichloroethene	< 0.2 - < 0.7 µg/L	1010 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	0.947 µg/L (J)
Trichlorofluoromethane	< 0.2 - < 0.2 µg/L	43300 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Trichlorotrifluoroethane	< 0.2 - < 0.2 µg/L	6040000 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Vinyl acetate	< 0.2 - < 0.2 µg/L	748000 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Vinyl chloride	< 0.2 - < 1 µg/L	11.3 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Xylene (total)	< 0.4 - < 1 µg/L	24000 µg/L	0.742 µg/L (J)	0.69 µg/L (J)	< 0.4 µg/L	< 0.4 µg/L	2.88 µg/L (J)

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 04, 2019[1]

			WS003	WS004		WS006	
			PNTX1204X003B	PNTX1204X004A	PNTX1204X004B	PNTX1204X006A	PNTX1204X006B
Analyte	**Background Range[2]**	**Screening Value[3]**	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
Trichloroethene	< 0.2 - < 0.7 µg/L	1010 µg/L	< 0.2 µg/L	0.965 µg/L (J)	< 0.2 µg/L	0.744 µg/L (J)	< 0.2 µg/L
Trichlorofluoromethane	< 0.2 - < 0.2 µg/L	43300 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Trichlorotrifluoroethane	< 0.2 - < 0.2 µg/L	6040000 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Vinyl acetate	< 0.2 - < 0.2 µg/L	748000 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Vinyl chloride	< 0.2 - < 1 µg/L	11.3 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Xylene (total)	< 0.4 - < 1 µg/L	24000 µg/L	< 0.4 µg/L	< 0.4 µg/L	0.678 µg/L (J)	< 0.4 µg/L	< 0.4 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 04, 2019[1]

Analyte	Background Range[2]	Screening Value[3]	WS015 PNTX1204X015 Pending Validation
Trichloroethene	< 0.2 - < 0.7 µg/L	1010 µg/L	0.705 µg/L (J)
Trichlorofluoromethane	< 0.2 - < 0.2 µg/L	43300 µg/L	< 0.2 µg/L
Trichlorotrifluoroethane	< 0.2 - < 0.2 µg/L	6040000 µg/L	< 0.2 µg/L
Vinyl acetate	< 0.2 - < 0.2 µg/L	748000 µg/L	< 0.2 µg/L
Vinyl chloride	< 0.2 - < 1 µg/L	11.3 µg/L	< 0.2 µg/L
Xylene (total)	< 0.4 - < 1 µg/L	24000 µg/L	0.423 µg/L (J)

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

South 4 Group Fire

Analytical Water Screening Values - December 05, 2019[1]

Analyte	Background Range[2]	Screening Value[3]	WS001		WS002		WS003
			PNTX1205X001A	PNTX1205X001B	PNTX1205X002A	PNTX1205X002B	PNTX1205X003A
			Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
1-Methylnaphthalene	< 0.045 - < 0.045 µg/L	4800 µg/L	0.058 µg/L (J)	0.064 µg/L (J)	< 0.041 µg/L	0.146 µg/L	< 0.045 µg/L
1,1-Dichloroethane	< 0.2 - < 0.9 µg/L	45800 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1-Dichloroethene	< 0.2 - < 1 µg/L	16600 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1-Dichloropropene	< 0.2 - < 0.8 µg/L	62.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,1-Trichloroethane	< 0.2 - < 0.8 µg/L	47200 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,1,2-Tetrachloroethane	< 0.2 - < 0.9 µg/L	312 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,2-Trichloroethane	< 0.2 - < 1 µg/L	325 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,2,2-Tetrachloroethane	< 0.2 - < 0.9 µg/L	93.8 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dibromo-3-chloropropane	< 0.2 - < 1 µg/L	11.3 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dibromoethane	< 0.2 - < 1 µg/L	0.283 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dichlorobenzene	< 0.2 - < 1 µg/L	11300 µg/L	< 0.51 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
1,2-Dichloroethane	< 0.2 - < 1 µg/L	196 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dichloroethene(Total)	< 0.4 - < 0.4 µg/L	n/a*	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L
1,2-Dichloropropane	< 0.2 - < 0.9 µg/L	186 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2,3-Trichloropropane	< 0.2 - < 0.9 µg/L	1.71 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2,4-Trichlorobenzene	< 0.2 - < 1 µg/L	650 µg/L	< 0.51 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
1,2,4-Trimethylbenzene	< 0.2 - < 0.8 µg/L	3260 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	0.351 µg/L (J)
1,2Diphenylhydrazine/Azobenzen	< 0.556 - < 0.556 µg/L	9.57 µg/L	< 0.51 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
1,3-Butadiene	< 0.5 - < 0.8 µg/L	n/a*	11.2 µg/L	5.45 µg/L	1.65 µg/L (J)	< 0.5 µg/L	87.2 µg/L
1,3-Dichlorobenzene	< 0.2 - < 1 µg/L	3780 µg/L	< 0.51 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
1,3-Dichloropropane	< 0.2 - < 1 µg/L	129 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,3,5-Trimethylbenzene	< 0.2 - < 0.6 µg/L	3050 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,4-Dichlorobenzene	< 0.2 - < 1 µg/L	186 µg/L	< 0.51 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
2-Butanone	< 0.2 - < 0.2 µg/L	491000 µg/L	< 0.2 µg/L	3.08 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
2-Chloroethylvinyl ether	< 1 - < 1 µg/L	16.2 µg/L	1 µg/L (R)	< 1 µg/L	1 µg/L (R)	< 1 µg/L	1 µg/L (R)
2-Chloronaphthalene	< 0.556 - < 1 µg/L	5480 µg/L	< 0.51 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
2-Chlorophenol	< 0.556 - < 1 µg/L	1930 µg/L	< 0.51 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
2-Chlorotoluene	< 0.2 - < 0.6 µg/L	2420 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
2-Hexanone	< 0.5 - < 0.5 µg/L	32400 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
2-Methylnaphthalene	< 0.045 - < 1 µg/L	276 µg/L	< 0.041 µg/L	0.056 µg/L (J)	< 0.041 µg/L	0.055 µg/L (J)	< 0.045 µg/L
2-Nitroaniline	< 0.556 - < 0.7 µg/L	136 µg/L	< 0.51 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
2-Nitrophenol	< 0.556 - < 0.9 µg/L	686 µg/L	< 0.51 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
2,2-Dichloropropane	< 0.2 - < 0.7 µg/L	163 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
2,4-Dichlorophenol	< 0.556 - < 0.7 µg/L	739 µg/L	< 0.51 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
2,4-Dimethylphenol	< 0.556 - < 1 µg/L	4740 µg/L	< 0.51 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
2,4-Dinitrophenol	< 0.8 - < 1.67 µg/L	1270 µg/L	< 1.52 µg/L	< 1.58 µg/L	< 1.52 µg/L	< 1.52 µg/L	< 1.53 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 05, 2019[1]

			WS003	WS004			WS006
			PNTX1205X003B	PNTX1205V004A	PNTX1205X004A	PNTX1205X004B	PNTX1205X006A
Analyte	Background Range[2]	Screening Value[3]	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
1-Methylnaphthalene	< 0.045 - < 0.045 µg/L	4800 µg/L	0.224 µg/L	< 0.04 µg/L	< 0.04 µg/L	0.169 µg/L	< 0.04 µg/L
1,1-Dichloroethane	< 0.2 - < 0.9 µg/L	45800 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1-Dichloroethene	< 0.2 - < 1 µg/L	16600 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1-Dichloropropene	< 0.2 - < 0.8 µg/L	62.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,1-Trichloroethane	< 0.2 - < 0.8 µg/L	47200 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,1,2-Tetrachloroethane	< 0.2 - < 0.9 µg/L	312 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,2-Trichloroethane	< 0.2 - < 1 µg/L	325 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,2,2-Tetrachloroethane	< 0.2 - < 0.9 µg/L	93.8 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dibromo-3-chloropropane	< 0.2 - < 1 µg/L	11.3 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dibromoethane	< 0.2 - < 1 µg/L	0.283 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dichlorobenzene	< 0.2 - < 1 µg/L	11300 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L
1,2-Dichloroethane	< 0.2 - < 1 µg/L	196 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dichloroethene(Total)	< 0.4 - < 0.4 µg/L	n/a*	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L
1,2-Dichloropropane	< 0.2 - < 0.9 µg/L	186 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2,3-Trichloropropane	< 0.2 - < 0.9 µg/L	1.71 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2,4-Trichlorobenzene	< 0.2 - < 1 µg/L	650 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L
1,2,4-Trimethylbenzene	< 0.2 - < 0.8 µg/L	3260 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2Diphenylhydrazine/Azobenzen	< 0.556 - < 0.556 µg/L	9.57 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L
1,3-Butadiene	< 0.5 - < 0.8 µg/L	n/a*	160 µg/L	48.4 µg/L	49.5 µg/L	99.1 µg/L	75.6 µg/L
1,3-Dichlorobenzene	< 0.2 - < 1 µg/L	3780 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L
1,3-Dichloropropane	< 0.2 - < 1 µg/L	129 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,3,5-Trimethylbenzene	< 0.2 - < 0.6 µg/L	3050 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,4-Dichlorobenzene	< 0.2 - < 1 µg/L	186 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L
2-Butanone	< 0.2 - < 0.2 µg/L	491000 µg/L	2.01 µg/L (J)	2.51 µg/L (J)	2.77 µg/L (J)	2.38 µg/L (J)	< 0.2 µg/L
2-Chloroethylvinyl ether	< 1 - < 1 µg/L	16.2 µg/L	< 1 µg/L	1 µg/L (R)	1 µg/L (R)	< 1 µg/L	1 µg/L (R)
2-Chloronaphthalene	< 0.556 - < 1 µg/L	5480 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L
2-Chlorophenol	< 0.556 - < 1 µg/L	1930 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L
2-Chlorotoluene	< 0.2 - < 0.6 µg/L	2420 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
2-Hexanone	< 0.5 - < 0.5 µg/L	32400 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
2-Methylnaphthalene	< 0.045 - < 1 µg/L	276 µg/L	0.254 µg/L	< 0.04 µg/L	< 0.04 µg/L	0.189 µg/L	0.088 µg/L (J)
2-Nitroaniline	< 0.556 - < 0.7 µg/L	136 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L
2-Nitrophenol	< 0.556 - < 0.9 µg/L	686 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L
2,2-Dichloropropane	< 0.2 - < 0.7 µg/L	163 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
2,4-Dichlorophenol	< 0.556 - < 0.7 µg/L	739 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L
2,4-Dimethylphenol	< 0.556 - < 1 µg/L	4740 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L
2,4-Dinitrophenol	< 0.8 - < 1.67 µg/L	1270 µg/L	< 1.56 µg/L	< 1.53 µg/L	< 1.53 µg/L	< 1.56 µg/L	< 1.5 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 05, 2019[1]

Analyte	Background Range[2]	Screening Value[3]	WS006	WS010	WS014		WS017
			PNTX1205X006B	PNTX1205X010	PNTX1205X014A	PNTX1205X014B	PNTX1205X017B
			Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
1-Methylnaphthalene	< 0.045 - < 0.045 µg/L	4800 µg/L	0.152 µg/L	0.041 µg/L (J)	< 0.045 µg/L	< 0.04 µg/L	0.07 µg/L (J)
1,1-Dichloroethane	< 0.2 - < 0.9 µg/L	45800 µg/L	< 0.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1-Dichloroethene	< 0.2 - < 1 µg/L	16600 µg/L	< 0.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1-Dichloropropene	< 0.2 - < 0.8 µg/L	62.2 µg/L	< 0.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,1-Trichloroethane	< 0.2 - < 0.8 µg/L	47200 µg/L	< 0.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,1,2-Tetrachloroethane	< 0.2 - < 0.9 µg/L	312 µg/L	< 0.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,2-Trichloroethane	< 0.2 - < 1 µg/L	325 µg/L	< 0.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,2,2-Tetrachloroethane	< 0.2 - < 0.9 µg/L	93.8 µg/L	< 0.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dibromo-3-chloropropane	< 0.2 - < 1 µg/L	11.3 µg/L	< 0.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dibromoethane	< 0.2 - < 1 µg/L	0.283 µg/L	< 0.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dichlorobenzene	< 0.2 - < 1 µg/L	11300 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L
1,2-Dichloroethane	< 0.2 - < 1 µg/L	196 µg/L	< 0.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dichloroethene(Total)	< 0.4 - < 0.4 µg/L	n/a*	< 0.4 µg/L	< 0.5 µg/L	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L
1,2-Dichloropropane	< 0.2 - < 0.9 µg/L	186 µg/L	< 0.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2,3-Trichloropropane	< 0.2 - < 0.9 µg/L	1.71 µg/L	< 0.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2,4-Trichlorobenzene	< 0.2 - < 1 µg/L	650 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L
1,2,4-Trimethylbenzene	< 0.2 - < 0.8 µg/L	3260 µg/L	< 0.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2Diphenylhydrazine/Azobenzen	< 0.556 - < 0.556 µg/L	9.57 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L
1,3-Butadiene	< 0.5 - < 0.8 µg/L	n/a*	1.19 µg/L	1.18 µg/L	< 0.5 µg/L	0.654 µg/L (J)	< 0.5 µg/L
1,3-Dichlorobenzene	< 0.2 - < 1 µg/L	3780 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L
1,3-Dichloropropane	< 0.2 - < 1 µg/L	129 µg/L	< 0.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,3,5-Trimethylbenzene	< 0.2 - < 0.6 µg/L	3050 µg/L	< 0.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,4-Dichlorobenzene	< 0.2 - < 1 µg/L	186 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L
2-Butanone	< 0.2 - < 0.2 µg/L	491000 µg/L	2.16 µg/L (J)	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	2.18 µg/L (J)
2-Chloroethylvinyl ether	< 1 - < 1 µg/L	16.2 µg/L	< 1 µg/L	2 µg/L (R)	1 µg/L (P)	< 1 µg/L	< 1 µg/L
2-Chloronaphthalene	< 0.556 - < 1 µg/L	5480 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L
2-Chlorophenol	< 0.556 - < 1 µg/L	1930 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L
2-Chlorotoluene	< 0.2 - < 0.6 µg/L	2420 µg/L	< 0.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
2-Hexanone	< 0.5 - < 0.5 µg/L	32400 µg/L	< 0.5 µg/L	< 1 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
2-Methylnaphthalene	< 0.045 - < 1 µg/L	276 µg/L	0.153 µg/L	0.046 µg/L (J)	< 0.043 µg/L	< 0.04 µg/L	< 0.04 µg/L
2-Nitroaniline	< 0.556 - < 0.7 µg/L	136 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L
2-Nitrophenol	< 0.556 - < 0.9 µg/L	686 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L
2,2-Dichloropropane	< 0.2 - < 0.7 µg/L	163 µg/L	< 0.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
2,4-Dichlorophenol	< 0.556 - < 0.7 µg/L	739 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L
2,4-Dimethylphenol	< 0.556 - < 1 µg/L	4740 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L
2,4-Dinitrophenol	< 0.8 - < 1.67 µg/L	1270 µg/L	< 1.5 µg/L	< 1.5 µg/L	< 1.5 µg/L	< 1.52 µg/L	< 1.5 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 05, 2019[1]

			WS001		WS002		WS003
			PNTX1205X001A	PNTX1205X001B	PNTX1205X002A	PNTX1205X002B	PNTX1205X003A
Analyte	Background Range[2]	Screening Value[3]	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
2,4-Dinitrotoluene	< 0.556 - < 0.8 µg/L	30 µg/L	< 0.51 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
2,4,5-Trichlorophenol	< 0.556 - < 0.6 µg/L	14000 µg/L	< 0.51 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
2,4,6-Trichlorophenol	< 0.556 - < 0.6 µg/L	455 µg/L	< 0.51 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
2,6-Dinitrotoluene	< 0.556 - < 0.6 µg/L	30 µg/L	< 0.51 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
3-Nitroaniline	< 0.556 - < 0.8 µg/L	177 µg/L	< 0.51 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
3,3'-Dichlorobenzidine	< 0.556 - < 0.6 µg/L	20.7 µg/L	< 0.51 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
4-Bromophenyl phenyl ether	< 0.556 - < 0.8 µg/L	n/a*	< 0.51 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
4-Chloro-3-methylphenol	< 0.5 - < 0.556 µg/L	870 µg/L	< 0.51 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
4-Chloroaniline	< 0.5 - < 0.556 µg/L	2140 µg/L	< 0.51 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
4-Chlorophenyl phenyl ether	< 0.556 - < 1 µg/L	n/a*	< 0.51 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
4-Chlorotoluene	< 0.2 - < 0.5 µg/L	2120 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
4-Isopropyltoluene	< 0.2 - < 0.6 µg/L	3700 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
4-Methyl-2-pentanone	< 0.2 - < 0.2 µg/L	52700 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
4-Nitroaniline	< 0.8 - < 1.67 µg/L	966 µg/L	< 1.53 µg/L	< 1.58 µg/L	< 1.53 µg/L	< 1.53 µg/L	< 1.53 µg/L
4-Nitrophenol	< 0.6 - < 1.67 µg/L	1120 µg/L	< 1.53 µg/L	< 1.58 µg/L	< 1.53 µg/L	< 1.53 µg/L	< 1.53 µg/L
4,6-Dinitro-2-methylphenol	< 0.6 - < 1.67 µg/L	1100 µg/L	< 1.53 µg/L	< 1.58 µg/L	< 1.53 µg/L	< 1.53 µg/L	< 1.53 µg/L
>C12-C28	< 124 - < 124 µg/L	n/a*	< 125 µg/L	< 124 µg/L	< 121 µg/L	< 124 µg/L	< 123 µg/L
>C28-C35	< 124 - < 124 µg/L	n/a*	< 125 µg/L	< 124 µg/L	< 121 µg/L	< 124 µg/L	< 123 µg/L
Acenaphthene	< 0.014 - < 1 µg/L	2440 µg/L	< 0.013 µg/L	0.125 µg/L	< 0.013 µg/L	0.243 µg/L	< 0.014 µg/L
Acenaphthylene	< 0.045 - < 1 µg/L	3260 µg/L	0.16 µg/L (J)	0.134 µg/L	< 0.041 µg/L	0.235 µg/L	< 0.045 µg/L
Acetone	1.11 - 1.11 µg/L	780000 µg/L	5.23 µg/L	6.77 µg/L	2.48 µg/L (J)	4.83 µg/L (J)	6.74 µg/L
Acrolein	< 2.5 - < 2.5 µg/L	426 µg/L	< 2.5 µg/L	< 2.5 µg/L	< 2.5 µg/L	< 2.5 µg/L	< 2.5 µg/L
Acrylonitrile	< 1 - < 1 µg/L	75.7 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L
Aniline	< 0.6 - < 0.833 µg/L	4690 µg/L	< 0.765 µg/L	< 0.789 µg/L	< 0.765 µg/L	< 0.765 µg/L	< 0.765 µg/L
Anthracene	< 0.045 - < 0.5 µg/L	10700 µg/L	< 0.041 µg/L	< 0.042 µg/L	< 0.041 µg/L	< 0.041 µg/L	< 0.045 µg/L
Benzene	< 0.2 - < 0.7 µg/L	235 µg/L	0.822 µg/L (J)	0.572 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L	1.48 µg/L (J)
Benzidine	< 1 - < 2.78 µg/L	0.158 µg/L	< 2.55 µg/L	< 2.63 µg/L	< 2.55 µg/L	< 2.55 µg/L	< 2.55 µg/L
Benzo(a)anthracene	< 0.028 - < 1 µg/L	n/a*	< 0.026 µg/L	< 0.026 µg/L	< 0.026 µg/L	< 0.026 µg/L	0.046 µg/L (J)
Benzo(a)pyrene	< 0.014 - < 0.6 µg/L	n/a*	< 0.013 µg/L	< 0.013 µg/L	< 0.013 µg/L	< 0.013 µg/L	0.041 µg/L (J)
Benzo(b)fluoranthene	< 0.014 - < 0.5 µg/L	n/a*	< 0.013 µg/L	< 0.013 µg/L	< 0.013 µg/L	< 0.013 µg/L	0.039 µg/L (J)
Benzo(g,h,i)perylene	< 0.014 - < 0.014 µg/L	n/a*	< 0.013 µg/L	< 0.013 µg/L	< 0.013 µg/L	< 0.013 µg/L	0.048 µg/L (J)
Benzo(k)fluoranthene	< 0.028 - < 0.8 µg/L	n/a*	< 0.026 µg/L	< 0.026 µg/L	< 0.026 µg/L	< 0.026 µg/L	0.057 µg/L (J)
Benzoic acid	< 0.5 - < 1.67 µg/L	1830000 µg/L	< 1.53 µg/L	< 1.58 µg/L	< 1.53 µg/L	< 1.53 µg/L	< 1.53 µg/L
Benzyl alcohol	< 0.556 - < 0.9 µg/L	210000 µg/L	< 0.51 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
Bis(2-Chloroethoxy)methane	< 0.556 - < 0.6 µg/L	12.3 µg/L	< 0.51 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
Bis(2-Chloroethyl)ether	< 0.556 - < 0.9 µg/L	25.8 µg/L	< 0.51 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 05, 2019[1]

			WS003		WS004		WS006
			PNTX1205X003B	PNTX1205V004A	PNTX1205X004A	PNTX1205X004B	PNTX1205X006A
Analyte	Background Range[2]	Screening Value[3]	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
2,4-Dinitrotoluene	< 0.556 - < 0.8 µg/L	30 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L
2,4,5-Trichlorophenol	< 0.556 - < 0.6 µg/L	14000 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L
2,4,6-Trichlorophenol	< 0.556 - < 0.6 µg/L	455 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L
2,6-Dinitrotoluene	< 0.556 - < 0.6 µg/L	30 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L
3-Nitroaniline	< 0.556 - < 0.8 µg/L	177 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L
3,3'-Dichlorobenzidine	< 0.556 - < 0.6 µg/L	20.7 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L
4-Bromophenyl phenyl ether	< 0.556 - < 0.8 µg/L	n/a*	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L
4-Chloro-3-methylphenol	< 0.5 - < 0.556 µg/L	870 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L
4-Chloroaniline	< 0.5 - < 0.556 µg/L	2140 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L
4-Chlorophenyl phenyl ether	< 0.556 - < 1 µg/L	n/a*	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L
4-Chlorotoluene	< 0.2 - < 0.5 µg/L	2120 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
4-Isopropyltoluene	< 0.2 - < 0.6 µg/L	3700 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
4-Methyl-2-pentanone	< 0.2 - < 0.2 µg/L	52700 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
4-Nitroaniline	< 0.8 - < 1.67 µg/L	966 µg/L	< 1.56 µg/L	< 1.53 µg/L	< 1.53 µg/L	< 1.56 µg/L	< 1.5 µg/L
4-Nitrophenol	< 0.6 - < 1.67 µg/L	1120 µg/L	< 1.56 µg/L	< 1.53 µg/L	< 1.53 µg/L	< 1.56 µg/L	< 1.5 µg/L
4,6-Dinitro-2-methylphenol	< 0.6 - < 1.67 µg/L	1100 µg/L	< 1.56 µg/L	< 1.53 µg/L	< 1.53 µg/L	< 1.56 µg/L	< 1.5 µg/L
>C12-C28	< 124 - < 124 µg/L	n/a*	< 124 µg/L	< 124 µg/L	< 121 µg/L	271 µg/L (J)	< 122 µg/L
>C28-C35	< 124 - < 124 µg/L	n/a*	< 124 µg/L	< 124 µg/L	< 121 µg/L	< 125 µg/L	< 122 µg/L
Acenaphthene	< 0.014 - < 1 µg/L	2440 µg/L	0.119 µg/L	< 0.013 µg/L	< 0.013 µg/L	0.077 µg/L (J)	< 0.013 µg/L
Acenaphthylene	< 0.045 - < 1 µg/L	3260 µg/L	0.91 µg/L	< 0.04 µg/L	0.337 µg/L (J)	0.621 µg/L	0.288 µg/L
Acetone	1.11 - 1.11 µg/L	780000 µg/L	4.8 µg/L (J)	8.58 µg/L	6.16 µg/L	6.45 µg/L	5.73 µg/L
Acrolein	< 2.5 - < 2.5 µg/L	426 µg/L	< 2.5 µg/L	< 2.5 µg/L	< 2.5 µg/L	< 2.5 µg/L	< 2.5 µg/L
Acrylonitrile	< 1 - < 1 µg/L	75.7 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L
Aniline	< 0.6 - < 0.833 µg/L	4690 µg/L	< 0.761 µg/L	< 0.765 µg/L	< 0.765 µg/L	< 0.761 µg/L	< 0.75 µg/L
Anthracene	< 0.045 - < 0.5 µg/L	10700 µg/L	0.166 µg/L	0.081 µg/L (J)	0.064 µg/L (J)	0.095 µg/L (J)	< 0.04 µg/L
Benzene	< 0.2 - < 0.7 µg/L	235 µg/L	1.48 µg/L (J)	0.584 µg/L (J)	0.641 µg/L (J)	1.39 µg/L (J)	0.906 µg/L (J)
Benzidine	< 1 - < 2.78 µg/L	0.158 µg/L	< 2.6 µg/L	< 2.55 µg/L	< 2.55 µg/L	< 2.6 µg/L	< 2.5 µg/L
Benzo(a)anthracene	< 0.028 - < 1 µg/L	n/a*	0.08 µg/L (J)	< 0.025 µg/L	< 0.025 µg/L	0.183 µg/L	< 0.025 µg/L
Benzo(a)pyrene	< 0.014 - < 0.6 µg/L	n/a*	0.067 µg/L (J)	< 0.013 µg/L	0.023 µg/L (J)	0.21 µg/L	< 0.013 µg/L
Benzo(b)fluoranthene	< 0.014 - < 0.5 µg/L	n/a*	0.065 µg/L (J)	< 0.013 µg/L	0.063 µg/L (J)	0.195 µg/L	< 0.013 µg/L
Benzo(g,h,i)perylene	< 0.014 - < 0.014 µg/L	n/a*	0.058 µg/L (J)	0.026 µg/L (J)	0.025 µg/L (J)	0.209 µg/L	< 0.013 µg/L
Benzo(k)fluoranthene	< 0.028 - < 0.8 µg/L	n/a*	0.028 µg/L (J)	< 0.025 µg/L	0.03 µg/L (J)	0.175 µg/L	< 0.025 µg/L
Benzoic acid	< 0.5 - < 1.67 µg/L	1830000 µg/L	< 1.56 µg/L	< 1.53 µg/L	< 1.53 µg/L	< 1.56 µg/L	< 1.5 µg/L
Benzyl alcohol	< 0.556 - < 0.9 µg/L	210000 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L
Bis(2-Chloroethoxy)methane	< 0.556 - < 0.6 µg/L	12.3 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L
Bis(2-Chloroethyl)ether	< 0.556 - < 0.9 µg/L	25.8 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 05, 2019[1]

Analyte	Background Range[2]	Screening Value[3]	WS006	WS010	WS014		WS017
			PNTX1205X006B	PNTX1205X010	PNTX1205X014A	PNTX1205X014B	PNTX1205X017B
			Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
2,4-Dinitrotoluene	< 0.556 - < 0.8 µg/L	30 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L
2,4,5-Trichlorophenol	< 0.556 - < 0.6 µg/L	14000 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L
2,4,6-Trichlorophenol	< 0.556 - < 0.6 µg/L	455 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L
2,6-Dinitrotoluene	< 0.556 - < 0.6 µg/L	30 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L
3-Nitroaniline	< 0.556 - < 0.8 µg/L	177 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L
3,3'-Dichlorobenzidine	< 0.556 - < 0.6 µg/L	20.7 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L
4-Bromophenyl phenyl ether	< 0.556 - < 0.8 µg/L	n/a*	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L
4-Chloro-3-methylphenol	< 0.5 - < 0.556 µg/L	870 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L
4-Chloroaniline	< 0.5 - < 0.556 µg/L	2140 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L
4-Chlorophenyl phenyl ether	< 0.556 - < 1 µg/L	n/a*	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L
4-Chlorotoluene	< 0.2 - < 0.5 µg/L	2120 µg/L	< 0.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
4-Isopropyltoluene	< 0.2 - < 0.6 µg/L	3700 µg/L	< 0.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
4-Methyl-2-pentanone	< 0.2 - < 0.2 µg/L	52700 µg/L	< 0.2 µg/L	13.8 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
4-Nitroaniline	< 0.8 - < 1.67 µg/L	966 µg/L	< 1.5 µg/L	< 1.5 µg/L	< 1.5 µg/L	< 1.52 µg/L	< 1.5 µg/L
4-Nitrophenol	< 0.6 - < 1.67 µg/L	1120 µg/L	< 1.5 µg/L	1.5 µg/L (P)	< 1.5 µg/L	< 1.52 µg/L	< 1.5 µg/L
4,6-Dinitro-2-methylphenol	< 0.6 - < 1.67 µg/L	1100 µg/L	< 1.5 µg/L	< 1.5 µg/L	< 1.5 µg/L	< 1.53 µg/L	< 1.5 µg/L
>C12-C28	< 124 - < 124 µg/L	n/a*	< 124 µg/L	1,750 µg/L (J)	< 121 µg/L	< 120 µg/L	< 122 µg/L
>C28-C35	< 124 - < 124 µg/L	n/a*	< 124 µg/L	< 122 µg/L	< 121 µg/L	< 120 µg/L	< 122 µg/L
Acenaphthene	< 0.014 - < 1 µg/L	2440 µg/L	0.156 µg/L	< 0.013 µg/L	< 0.013 µg/L	< 0.012 µg/L	0.273 µg/L
Acenaphthylene	< 0.045 - < 1 µg/L	3260 µg/L	0.536 µg/L	0.25 µg/L (J)	< 0.042 µg/L	< 0.04 µg/L	0.503 µg/L
Acetone	1.11 - 1.11 µg/L	780000 µg/L	6.14 µg/L	19.4 µg/L	< 0.5 µg/L	< 0.5 µg/L	10.8 µg/L
Acrolein	< 2.5 - < 2.5 µg/L	426 µg/L	< 2.5 µg/L	< 5 µg/L	< 2.5 µg/L	< 2.5 µg/L	< 2.5 µg/L
Acrylonitrile	< 1 - < 1 µg/L	75.7 µg/L	< 1 µg/L	< 2 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L
Aniline	< 0.6 - < 0.833 µg/L	4690 µg/L	< 0.75 µg/L	< 0.75 µg/L	< 0.75 µg/L	< 0.765 µg/L	< 0.75 µg/L
Anthracene	< 0.045 - < 0.5 µg/L	10700 µg/L	0.182 µg/L	0.09 µg/L (J)	< 0.043 µg/L	< 0.04 µg/L	< 0.04 µg/L
Benzene	< 0.2 - < 0.7 µg/L	235 µg/L	1.39 µg/L (J)	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Benzidine	< 1 - < 2.78 µg/L	0.158 µg/L	< 2.5 µg/L	2.5 µg/L (P)	< 2.5 µg/L	< 2.55 µg/L	< 2.5 µg/L
Benzo(a)anthracene	< 0.028 - < 1 µg/L	n/a*	0.217 µg/L	0.038 µg/L (J)	< 0.027 µg/L	< 0.025 µg/L	< 0.025 µg/L
Benzo(a)pyrene	< 0.014 - < 0.6 µg/L	n/a*	0.252 µg/L	< 0.013 µg/L	< 0.013 µg/L	< 0.013 µg/L	< 0.013 µg/L
Benzo(b)fluoranthene	< 0.014 - < 0.5 µg/L	n/a*	0.226 µg/L	0.021 µg/L (J)	< 0.013 µg/L	< 0.013 µg/L	< 0.013 µg/L
Benzo(g,h,i)perylene	< 0.014 - < 0.014 µg/L	n/a*	0.267 µg/L	0.023 µg/L (J)	< 0.012 µg/L	< 0.013 µg/L	< 0.013 µg/L
Benzo(k)fluoranthene	< 0.028 - < 0.8 µg/L	n/a*	0.266 µg/L	< 0.025 µg/L	< 0.027 µg/L	< 0.025 µg/L	< 0.025 µg/L
Benzoic acid	< 0.5 - < 1.67 µg/L	1830000 µg/L	< 1.5 µg/L	< 1.5 µg/L	< 1.5 µg/L	< 1.53 µg/L	< 1.5 µg/L
Benzyl alcohol	< 0.556 - < 0.9 µg/L	210000 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L
Bis(2-Chloroethoxy)methane	< 0.556 - < 0.6 µg/L	12.3 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L
Bis(2-Chloroethyl)ether	< 0.556 - < 0.9 µg/L	25.8 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 05, 2019[1]

			WS001		WS002		WS003
			PNTX1205X001A	PNTX1205X001B	PNTX1205X002A	PNTX1205X002B	PNTX1205X003A
Analyte	Background Range[2]	Screening Value[3]	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
Bis(2-Chloroisopropyl)ether	< 0.556 - < 1 µg/L	181 µg/L	1.46 µg/L (J)	< 0.526 µg/L	0.791 µg/L (J)	< 0.51 µg/L	< 0.51 µg/L
Bis(2-Ethylhexyl)phthalate	< 0.278 - < 1 µg/L	n/a*	< 0.265 µg/L	< 0.262 µg/L	< 0.255 µg/L	< 0.255 µg/L	< 0.255 µg/L
Bromobenzene	< 0.2 - < 0.2 µg/L	4200 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Bromochloromethane	< 0.2 - < 11 µg/L	26800 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Bromodichloromethane	< 0.2 - < 1 µg/L	477 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Bromoform	< 0.25 - < 0.25 µg/L	4300 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Bromomethane	< 0.5 - < 2 µg/L	902 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
Butyl benzyl phthalate	< 0.278 - < 0.8 µg/L	7880 µg/L	< 0.265 µg/L	< 0.263 µg/L	< 0.255 µg/L	< 0.255 µg/L	< 0.255 µg/L
C6-C12	< 107 - < 107 µg/L	n/a*	< 107 µg/L	< 106 µg/L	< 104 µg/L	< 106 µg/L	< 106 µg/L
Carbazole	< 0.556 - < 0.556 µg/L	n/a*	< 0.51 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
Carbon disulfide	< 0.2 - < 0.2 µg/L	n/a*	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Carbon tetrachloride	< 0.25 - < 0.6 µg/L	n/a*	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Chlorobenzene	< 0.2 - < 0.7 µg/L	1580 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Chloroethane	< 0.25 - < 0.7 µg/L	175000 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Chloroform	< 0.2 - < 0.7 µg/L	2350 µg/L	5.66 µg/L	3.22 µg/L (J)	0.533 µg/L (J)	0.622 µg/L (J)	3.22 µg/L (J)
Chloromethane	< 0.2 - < 0.7 µg/L	1950 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Chrysene	< 0.028 - < 0.9 µg/L	n/a*	< 0.026 µg/L	< 0.026 µg/L	< 0.026 µg/L	< 0.026 µg/L	0.043 µg/L (J)
cis-1,2-Dichloroethene	< 0.2 - < 0.7 µg/L	4180 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
cis-1,3-Dichloropropene	< 0.2 - < 1 µg/L	46.3 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Di-n-butyl phthalate	< 0.556 - < 0.556 µg/L	4490 µg/L	< 0.51 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
Di-n-octyl phthalate	< 0.278 - < 0.7 µg/L	n/a*	< 0.255 µg/L	< 0.262 µg/L	< 0.255 µg/L	< 0.255 µg/L	< 0.255 µg/L
Dibenz(a,h)anthracene	< 0.028 - < 0.6 µg/L	n/a*	< 0.026 µg/L	< 0.026 µg/L	< 0.026 µg/L	< 0.026 µg/L	< 0.028 µg/L
Dibenzofuran	< 0.556 - < 1 µg/L	219 µg/L	< 0.51 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
Dibromochloromethane	< 0.2 - < 1 µg/L	383 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Dibromomethane	< 0.25 - < 1 µg/L	4300 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Dichlorodifluoromethane	< 0.2 - < 0.8 µg/L	37600 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Diethyl phthalate	< 0.556 - < 0.6 µg/L	307000 µg/L	< 0.51 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
Dimethyl phthalate	< 0.556 - < 0.9 µg/L	540000 µg/L	< 0.51 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
Ethylbenzene	< 0.2 - < 0.7 µg/L	12800 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	0.596 µg/L (J)
Ethylene Glycol	315 - 315 µg/L	1840000 µg/L	< 0.265 mg/L	< 0.265 mg/L	< 0.265 mg/L	< 0.265 mg/L	< 0.265 mg/L
Fluoranthene	< 0.014 - < 0.7 µg/L	n/a*	0.054 µg/L (J)	0.057 µg/L (J)	< 0.012 µg/L	< 0.013 µg/L	0.044 µg/L (J)
Fluorene	< 0.045 - < 1 µg/L	2110 µg/L	< 0.041 µg/L	0.079 µg/L (J)	< 0.041 µg/L	< 0.041 µg/L	< 0.045 µg/L
Hexachlorobenzene	< 0.556 - < 0.7 µg/L	n/a*	< 0.51 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
Hexachlorobutadiene	< 0.3 - < 1 µg/L	6.9 µg/L	< 0.51 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
Hexachlorocyclopentadiene	< 1 - < 1.67 µg/L	256 µg/L	< 1.52 µg/L	< 1.56 µg/L	< 1.53 µg/L	< 1.52 µg/L	< 1.53 µg/L
Hexachloroethane	< 0.556 - < 1 µg/L	n/a*	< 0.51 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 05, 2019[1]

			WS003	WS004			WS006
			PNTX1205X003B	PNTX1205V004A	PNTX1205X004A	PNTX1205X004B	PNTX1205X006A
Analyte	Background Range[2]	Screening Value[3]	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
Bis(2-Chloroisopropyl)ether	< 0.556 - < 1 µg/L	181 µg/L	< 0.521 µg/L	1.11 µg/L (J)	1.28 µg/L (J)	< 0.521 µg/L	< 0.5 µg/L
Bis(2-Ethylhexyl)phthalate	< 0.278 - < 1 µg/L	n/a*	< 0.26 µg/L	< 0.255 µg/L	< 0.255 µg/L	< 0.26 µg/L	< 0.25 µg/L
Bromobenzene	< 0.2 - < 0.2 µg/L	4200 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Bromochloromethane	< 0.2 - < 11 µg/L	26800 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Bromodichloromethane	< 0.2 - < 1 µg/L	477 µg/L	< 0.2 µg/L	0.56 µg/L (J)	0.619 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L
Bromoform	< 0.25 - < 0.25 µg/L	4300 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Bromomethane	< 0.5 - < 2 µg/L	902 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
Butyl benzyl phthalate	< 0.278 - < 0.8 µg/L	7880 µg/L	< 0.26 µg/L	< 0.255 µg/L	< 0.255 µg/L	< 0.26 µg/L	< 0.25 µg/L
C6-C12	< 107 - < 107 µg/L	n/a*	< 106 µg/L	< 107 µg/L	< 104 µg/L	< 107 µg/L	< 106 µg/L
Carbazole	< 0.556 - < 0.556 µg/L	n/a*	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L
Carbon disulfide	< 0.2 - < 0.2 µg/L	n/a*	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Carbon tetrachloride	< 0.25 - < 0.6 µg/L	n/a*	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Chlorobenzene	< 0.2 - < 0.7 µg/L	1580 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Chloroethane	< 0.25 - < 0.7 µg/L	175000 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Chloroform	< 0.2 - < 0.7 µg/L	2350 µg/L	1.29 µg/L (J)	9.8 µg/L	10.2 µg/L	1.88 µg/L (J)	3.38 µg/L (J)
Chloromethane	< 0.2 - < 0.7 µg/L	1950 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Chrysene	< 0.028 - < 0.9 µg/L	n/a*	0.082 µg/L (J)	0.044 µg/L (J)	0.092 µg/L (J)	0.163 µg/L	0.031 µg/L (J)
cis-1,2-Dichloroethene	< 0.2 - < 0.7 µg/L	4180 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
cis-1,3-Dichloropropene	< 0.2 - < 1 µg/L	46.3 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Di-n-butyl phthalate	< 0.556 - < 0.556 µg/L	4490 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L
Di-n-octyl phthalate	< 0.278 - < 0.7 µg/L	n/a*	< 0.26 µg/L	< 0.255 µg/L	< 0.255 µg/L	< 0.26 µg/L	< 0.25 µg/L
Dibenz(a,h)anthracene	< 0.028 - < 0.6 µg/L	n/a*	< 0.025 µg/L	< 0.025 µg/L	< 0.025 µg/L	0.131 µg/L	< 0.025 µg/L
Dibenzofuran	< 0.556 - < 1 µg/L	219 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L
Dibromochloromethane	< 0.2 - < 1 µg/L	383 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Dibromomethane	< 0.25 - < 1 µg/L	4300 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Dichlorodifluoromethane	< 0.2 - < 0.8 µg/L	37600 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Diethyl phthalate	< 0.556 - < 0.6 µg/L	307000 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L
Dimethyl phthalate	< 0.556 - < 0.9 µg/L	540000 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L
Ethylbenzene	< 0.2 - < 0.7 µg/L	12800 µg/L	0.661 µg/L (J)	0.305 µg/L (J)	0.342 µg/L (J)	0.613 µg/L (J)	0.303 µg/L (J)
Ethylene Glycol	315 - 315 µg/L	1840000 µg/L	< 0.265 mg/L	< 0.265 mg/L	< 0.265 mg/L	< 0.265 mg/L	< 0.265 mg/L
Fluoranthene	< 0.014 - < 0.7 µg/L	n/a*	0.414 µg/L	0.185 µg/L (J)	0.308 µg/L (J)	0.253 µg/L	0.204 µg/L
Fluorene	< 0.045 - < 1 µg/L	2110 µg/L	0.343 µg/L	< 0.04 µg/L	< 0.04 µg/L	0.206 µg/L	< 0.04 µg/L
Hexachlorobenzene	< 0.556 - < 0.7 µg/L	n/a*	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L
Hexachlorobutadiene	< 0.3 - < 1 µg/L	6.9 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L
Hexachlorocyclopentadiene	< 1 - < 1.67 µg/L	256 µg/L	< 1.56 µg/L	< 1.53 µg/L	< 1.53 µg/L	< 1.56 µg/L	< 1.5 µg/L
Hexachloroethane	< 0.556 - < 1 µg/L	n/a*	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 05, 2019[1]

Analyte	Background Range[2]	Screening Value[3]	WS006 PNTX1205X006B Pending Validation	WS010 PNTX1205X010 Pending Validation	WS014 PNTX1205X014A Pending Validation	WS014 PNTX1205X014B Pending Validation	WS017 PNTX1205X017B Pending Validation
Bis(2-Chloroisopropyl)ether	< 0.556 - < 1 µg/L	181 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	1.4 µg/L (J)
Bis(2-Ethylhexyl)phthalate	< 0.278 - < 1 µg/L	n/a*	< 0.25 µg/L	< 0.26 µg/L	< 0.25 µg/L	< 0.255 µg/L	< 0.26 µg/L
Bromobenzene	< 0.2 - < 0.2 µg/L	4200 µg/L	< 0.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Bromochloromethane	< 0.2 - < 11 µg/L	26800 µg/L	< 0.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Bromodichloromethane	< 0.2 - < 1 µg/L	477 µg/L	< 0.2 µg/L	1.11 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L	1.02 µg/L (J)
Bromoform	< 0.25 - < 0.25 µg/L	4300 µg/L	< 0.25 µg/L	< 0.5 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Bromomethane	< 0.5 - < 2 µg/L	902 µg/L	< 0.5 µg/L	< 1 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
Butyl benzyl phthalate	< 0.278 - < 0.8 µg/L	7880 µg/L	< 0.25 µg/L	< 0.26 µg/L	< 0.25 µg/L	< 0.255 µg/L	< 0.25 µg/L
C6-C12	< 107 - < 107 µg/L	n/a*	< 107 µg/L	< 106 µg/L	< 104 µg/L	< 103 µg/L	< 106 µg/L
Carbazole	< 0.556 - < 0.556 µg/L	n/a*	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L
Carbon disulfide	< 0.2 - < 0.2 µg/L	n/a*	< 0.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Carbon tetrachloride	< 0.25 - < 0.6 µg/L	n/a*	< 0.25 µg/L	< 0.5 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Chlorobenzene	< 0.2 - < 0.7 µg/L	1580 µg/L	< 0.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Chloroethane	< 0.25 - < 0.7 µg/L	175000 µg/L	< 0.25 µg/L	< 0.5 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Chloroform	< 0.2 - < 0.7 µg/L	2350 µg/L	3.24 µg/L (J)	13.6 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L	16.3 µg/L
Chloromethane	< 0.2 - < 0.7 µg/L	1950 µg/L	< 0.2 µg/L	2.28 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Chrysene	< 0.028 - < 0.9 µg/L	n/a*	0.261 µg/L	0.03 µg/L (J)	< 0.027 µg/L	< 0.025 µg/L	< 0.025 µg/L
cis-1,2-Dichloroethene	< 0.2 - < 0.7 µg/L	4180 µg/L	< 0.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
cis-1,3-Dichloropropene	< 0.2 - < 1 µg/L	46.3 µg/L	< 0.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Di-n-butyl phthalate	< 0.556 - < 0.556 µg/L	4490 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L
Di-n-octyl phthalate	< 0.278 - < 0.7 µg/L	n/a*	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.255 µg/L	< 0.25 µg/L
Dibenz(a,h)anthracene	< 0.028 - < 0.6 µg/L	n/a*	0.193 µg/L	< 0.025 µg/L	< 0.027 µg/L	< 0.025 µg/L	< 0.025 µg/L
Dibenzofuran	< 0.556 - < 1 µg/L	219 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L
Dibromochloromethane	< 0.2 - < 1 µg/L	383 µg/L	< 0.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Dibromomethane	< 0.25 - < 1 µg/L	4300 µg/L	< 0.25 µg/L	< 0.5 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Dichlorodifluoromethane	< 0.2 - < 0.8 µg/L	37600 µg/L	< 0.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Diethyl phthalate	< 0.556 - < 0.6 µg/L	307000 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L
Dimethyl phthalate	< 0.556 - < 0.9 µg/L	540000 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L
Ethylbenzene	< 0.2 - < 0.7 µg/L	12800 µg/L	0.434 µg/L (J)	132 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Ethylene Glycol	315 - 315 µg/L	1840000 µg/L	< 0.265 mg/L	0.294 mg/L (J)	< 0.265 mg/L	< 0.265 mg/L	< 0.265 mg/L
Fluoranthene	< 0.014 - < 0.7 µg/L	n/a*	0.332 µg/L	0.242 µg/L (J)	< 0.012 µg/L	< 0.013 µg/L	< 0.013 µg/L
Fluorene	< 0.045 - < 1 µg/L	2110 µg/L	0.204 µg/L	0.105 µg/L (J)	< 0.045 µg/L	< 0.04 µg/L	< 0.04 µg/L
Hexachlorobenzene	< 0.556 - < 0.7 µg/L	n/a*	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L
Hexachlorobutadiene	< 0.3 - < 1 µg/L	6.9 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L
Hexachlorocyclopentadiene	< 1 - < 1.67 µg/L	256 µg/L	< 1.5 µg/L	< 1.5 µg/L	< 1.5 µg/L	< 1.52 µg/L	< 1.5 µg/L
Hexachloroethane	< 0.556 - < 1 µg/L	n/a*	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 05, 2019[1]

			WS001		WS002		WS003
			PNTX1205X001A	PNTX1205X001B	PNTX1205X002A	PNTX1205X002B	PNTX1205X003A
Analyte	Background Range[2]	Screening Value[3]	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
Indeno(1,2,3-cd)pyrene	< 0.014 - < 0.5 µg/L	n/a*	< 0.013 µg/L	< 0.012 µg/L	< 0.013 µg/L	< 0.013 µg/L	0.055 µg/L (J)
Isophorone	< 0.5 - < 0.556 µg/L	10400 µg/L	< 0.51 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
Isopropylbenzene (Cumene)	< 0.2 - < 0.6 µg/L	8440 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
m,p-Cresol	< 0.278 - < 0.278 µg/L	n/a*	< 0.255 µg/L	< 0.263 µg/L	< 0.255 µg/L	< 0.255 µg/L	< 0.255 µg/L
m,p-Xylene	< 0.2 - < 0.2 µg/L	n/a*	0.53 µg/L (J)	< 0.2 µg/L	0.343 µg/L (J)	< 0.2 µg/L	1.2 µg/L (J)
Methyl iodide	< 0.5 - < 0.5 µg/L	870 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
Methylene chloride	< 0.2 - < 1 µg/L	3370 µg/L	< 0.41 µg/L	0.61 µg/L (J)	< 0.513 µg/L	1 µg/L (J)	< 0.2 µg/L
n-Butylbenzene	< 0.2 - < 0.7 µg/L	1200 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
n-Nitrosodi-n-propylamine	< 0.556 - < 1 µg/L	1.98 µg/L	< 0.51 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
n-Nitrosodimethylamine	< 0.5 - < 0.556 µg/L	0.962 µg/L	< 0.51 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
n-Nitrosodiphenylamine	< 0.556 - < 0.8 µg/L	421 µg/L	< 0.51 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
n-Propylbenzene	< 0.6 - < 1 µg/L	2350 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L
Naphthalene	< 0.014 - < 2 µg/L	2550 µg/L	0.072 µg/L (J)	0.077 µg/L (J)	0.454 µg/L	0.423 µg/L	< 0.014 µg/L
Nitrobenzene	< 0.556 - < 1 µg/L	248 µg/L	< 0.51 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
o-Cresol	< 0.556 - < 0.8 µg/L	18500 µg/L	< 0.51 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
o-Xylene	< 0.2 - < 0.2 µg/L	227000 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	0.447 µg/L (J)
Oil and Grease	< 1600 - < 1600 µg/L	n/a*	< 1.6 mg/L	< 1.5 mg/L	2.1 mg/L (J)	2.3 mg/L (J)	1.8 mg/L (J)
Pentachlorophenol	< 0.556 - < 0.6 µg/L	9.92 µg/L	4.25 µg/L (J)	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
PFHxS	< 1.64 - < 1.64 ng/L	n/a*	50.3 ng/L	86 ng/L	72.3 ng/L	146 ng/L	47.2 ng/L
PFOA	< 1.8 - < 1.8 ng/L	n/a*	15.3 ng/L	25.7 ng/L	14.3 ng/L	34 ng/L	8.28 ng/L (J)
PFOS	1.8 - 1.8 ng/L	n/a*	120 ng/L	311 ng/L	137 ng/L	267 ng/L	156 ng/L
Phenanthrene	< 0.014 - < 0.5 µg/L	1070 µg/L	0.151 µg/L (J)	0.161 µg/L	< 0.013 µg/L	< 0.013 µg/L	0.042 µg/L (J)
Phenol	< 0.5 - < 0.556 µg/L	160000 µg/L	< 0.51 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.51 µg/L
Pyrene	< 0.028 - < 0.8 µg/L	n/a*	0.062 µg/L (J)	0.062 µg/L (J)	< 0.026 µg/L	< 0.026 µg/L	0.043 µg/L (J)
Pyridine	< 0.5 - < 1.67 µg/L	717 µg/L	< 1.52 µg/L	< 1.58 µg/L	< 1.53 µg/L	< 1.52 µg/L	< 1.53 µg/L
sec-Butylbenzene	< 0.2 - < 0.5 µg/L	1580 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Styrene	< 0.2 - < 0.8 µg/L	29800 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	0.849 µg/L (J)
tert-Butyl methyl ether (MTBE)	< 0.2 - < 0.2 µg/L	5470 µg/L	17.3 µg/L	10.5 µg/L	17.6 µg/L	16.3 µg/L	10.1 µg/L
tert-Butylbenzene	< 0.2 - < 0.5 µg/L	1400 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Tetrachloroethene	< 0.2 - < 0.6 µg/L	148 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Toluene	< 0.2 - < 0.7 µg/L	16500 µg/L	< 0.2 µg/L	< 0.2 µg/L	0.401 µg/L (J)	< 0.2 µg/L	1.31 µg/L (J)
Total Organic Carbon	8830 - 8830 µg/L	n/a*	24.4 mg/L	23.5 mg/L	27.3 mg/L	32 mg/L	28.4 mg/L
Total TPH (C6-C35)	< 107 - < 107 µg/L	n/a*	< 107 µg/L	< 106 µg/L	< 104 µg/L	< 105 µg/L	< 106 µg/L
trans-1,2-Dichloroethene	< 0.2 - < 0.6 µg/L	6950 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
trans-1,3-Dichloropropene	< 0.2 - < 1 µg/L	250 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
trans-1,4-Dichloro-2-butene	< 0.5 - < 0.5 µg/L	n/a*	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 05, 2019[1]

			WS003		WS004		WS006
			PNTX1205X003B	PNTX1205V004A	PNTX1205X004A	PNTX1205X004B	PNTX1205X006A
Analyte	Background Range[2]	Screening Value[3]	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
Indeno(1,2,3-cd)pyrene	< 0.014 - < 0.5 µg/L	n/a*	0.051 µg/L (J)	0.02 µg/L (J)	0.026 µg/L (J)	0.244 µg/L	0.013 µg/L (J)
Isophorone	< 0.5 - < 0.556 µg/L	10400 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L
Isopropylbenzene (Cumene)	< 0.2 - < 0.6 µg/L	8440 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
m,p-Cresol	< 0.278 - < 0.278 µg/L	n/a*	< 0.26 µg/L	< 0.255 µg/L	< 0.255 µg/L	< 0.26 µg/L	< 0.25 µg/L
m,p-Xylene	< 0.2 - < 0.2 µg/L	n/a*	0.824 µg/L (J)	0.318 µg/L (J)	0.391 µg/L (J)	1.08 µg/L (J)	0.356 µg/L (J)
Methyl iodide	< 0.5 - < 0.5 µg/L	870 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
Methylene chloride	< 0.2 - < 1 µg/L	3370 µg/L	0.463 µg/L (J)	< 0.685 µg/L	< 0.731 µg/L	1.35 µg/L (J)	< 0.673 µg/L
n-Butylbenzene	< 0.2 - < 0.7 µg/L	1200 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
n-Nitrosodi-n-propylamine	< 0.556 - < 1 µg/L	1.98 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L
n-Nitrosodimethylamine	< 0.5 - < 0.556 µg/L	0.962 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L
n-Nitrosodiphenylamine	< 0.556 - < 0.8 µg/L	421 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L
n-Propylbenzene	< 0.6 - < 1 µg/L	2350 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L
Naphthalene	< 0.014 - < 2 µg/L	2550 µg/L	1.54 µg/L	0.261 µg/L	0.201 µg/L	0.804 µg/L	0.345 µg/L
Nitrobenzene	< 0.556 - < 1 µg/L	248 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L
o-Cresol	< 0.556 - < 0.8 µg/L	18500 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L
o-Xylene	< 0.2 - < 0.2 µg/L	227000 µg/L	0.401 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L	0.407 µg/L (J)	< 0.2 µg/L
Oil and Grease	< 1600 - < 1600 µg/L	n/a*	< 1.5 mg/L	2.6 mg/L (J)	1.7 mg/L (J)	1.7 mg/L (J)	< 1.5 mg/L
Pentachlorophenol	< 0.556 - < 0.6 µg/L	9.92 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L
PFHxS	< 1.64 - < 1.64 ng/L	n/a*	22.1 ng/L	NA	37.6 ng/L	93.5 ng/L	37.4 ng/L
PFOA	< 1.8 - < 1.8 ng/L	n/a*	14.1 ng/L	NA	12.8 ng/L	11.4 ng/L	6.18 ng/L (J)
PFOS	1.8 - 1.8 ng/L	n/a*	587 ng/L	NA	97.8 ng/L (J)	249 ng/L	270 ng/L
Phenanthrene	< 0.014 - < 0.5 µg/L	1070 µg/L	1.03 µg/L	0.395 µg/L	0.247 µg/L	0.67 µg/L	0.463 µg/L
Phenol	< 0.5 - < 0.556 µg/L	160000 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.521 µg/L	< 0.5 µg/L
Pyrene	< 0.028 - < 0.8 µg/L	n/a*	0.464 µg/L	0.199 µg/L	0.253 µg/L	0.327 µg/L	0.227 µg/L
Pyridine	< 0.5 - < 1.67 µg/L	717 µg/L	< 1.56 µg/L	< 1.53 µg/L	< 1.53 µg/L	< 1.56 µg/L	< 1.5 µg/L
sec-Butylbenzene	< 0.2 - < 0.5 µg/L	1580 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Styrene	< 0.2 - < 0.8 µg/L	29800 µg/L	1.43 µg/L (J)	< 0.2 µg/L	0.34 µg/L (J)	0.858 µg/L (J)	0.697 µg/L (J)
tert-Butyl methyl ether (MTBE)	< 0.2 - < 0.2 µg/L	5470 µg/L	13.5 µg/L	18.5 µg/L	18.4 µg/L	8.97 µg/L	21.7 µg/L
tert-Butylbenzene	< 0.2 - < 0.5 µg/L	1400 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Tetrachloroethene	< 0.2 - < 0.6 µg/L	148 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Toluene	< 0.2 - < 0.7 µg/L	16500 µg/L	< 0.2 µg/L	0.254 µg/L (J)	0.331 µg/L (J)	0.995 µg/L (J)	< 0.2 µg/L
Total Organic Carbon	8830 - 8830 µg/L	n/a*	31.9 mg/L	26.6 mg/L	25.3 mg/L	35.5 mg/L	31.8 mg/L
Total TPH (C6-C35)	< 107 - < 107 µg/L	n/a*	< 106 µg/L	< 107 µg/L	< 104 µg/L	271 µg/L (J)	< 106 µg/L
trans-1,2-Dichloroethene	< 0.2 - < 0.6 µg/L	6950 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
trans-1,3-Dichloropropene	< 0.2 - < 1 µg/L	250 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
trans-1,4-Dichloro-2-butene	< 0.5 - < 0.5 µg/L	n/a*	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 05, 2019[1]

Analyte	Background Range[2]	Screening Value[3]	WS006	WS010	WS014		WS017
			PNTX1205X006B	PNTX1205X010	PNTX1205X014A	PNTX1205X014B	PNTX1205X017B
			Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
Indeno(1,2,3-cd)pyrene	< 0.014 - < 0.5 µg/L	n/a*	0.321 µg/L	< 0.012 µg/L	< 0.013 µg/L	< 0.013 µg/L	< 0.012 µg/L
Isophorone	< 0.5 - < 0.556 µg/L	10400 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L
Isopropylbenzene (Cumene)	< 0.2 - < 0.6 µg/L	8440 µg/L	< 0.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
m,p-Cresol	< 0.278 - < 0.278 µg/L	n/a*	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.255 µg/L	< 0.25 µg/L
m,p-Xylene	< 0.2 - < 0.2 µg/L	n/a*	0.615 µg/L (J)	< 0.4 µg/L	0.209 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L
Methyl iodide	< 0.5 - < 0.5 µg/L	870 µg/L	< 0.5 µg/L	< 1 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
Methylene chloride	< 0.2 - < 1 µg/L	3370 µg/L	0.637 µg/L (J)	< 1.32 µg/L	< 0.672 µg/L	0.336 µg/L (J)	0.748 µg/L (J)
n-Butylbenzene	< 0.2 - < 0.7 µg/L	1200 µg/L	< 0.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
n-Nitrosodi-n-propylamine	< 0.556 - < 1 µg/L	1.98 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L
n-Nitrosodimethylamine	< 0.5 - < 0.556 µg/L	0.962 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L
n-Nitrosodiphenylamine	< 0.556 - < 0.8 µg/L	421 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L
n-Propylbenzene	< 0.6 - < 1 µg/L	2350 µg/L	< 1 µg/L	< 2 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L
Naphthalene	< 0.014 - < 2 µg/L	2550 µg/L	0.709 µg/L	0.272 µg/L (J)	< 0.013 µg/L	< 0.013 µg/L	0.191 µg/L
Nitrobenzene	< 0.556 - < 1 µg/L	248 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L
o-Cresol	< 0.556 - < 0.8 µg/L	18500 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L
o-Xylene	< 0.2 - < 0.2 µg/L	227000 µg/L	0.275 µg/L (J)	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Oil and Grease	< 1600 - < 1600 µg/L	n/a*	< 1.5 mg/L	7 mg/L	< 1.5 mg/L	< 1.5 mg/L	< 1.5 mg/L
Pentachlorophenol	< 0.556 - < 0.6 µg/L	9.92 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L
PFHxS	< 1.64 - < 1.64 ng/L	n/a*	1.24 ng/L	20.5 ng/L	< 1.37 ng/L	< 1.37 ng/L	51.9 ng/L
PFOA	< 1.8 - < 1.8 ng/L	n/a*	14.6 ng/L	2.69 ng/L (J)	< 1.5 ng/L	< 1.5 ng/L	41.9 ng/L
PFOS	1.8 - 1.8 ng/L	n/a*	1.190 ng/L	95.8 ng/L	1.78 ng/L (J)	2.64 ng/L (J)	1.44 ng/L
Phenanthrene	< 0.014 - < 0.5 µg/L	1070 µg/L	0.907 µg/L	0.529 µg/L (J)	< 0.013 µg/L	< 0.013 µg/L	< 0.012 µg/L
Phenol	< 0.5 - < 0.556 µg/L	160000 µg/L	< 0.5 µg/L	0.5 µg/L (R)	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L
Pyrene	< 0.028 - < 0.8 µg/L	n/a*	0.395 µg/L	0.278 µg/L (J)	< 0.027 µg/L	< 0.025 µg/L	< 0.025 µg/L
Pyridine	< 0.5 - < 1.67 µg/L	717 µg/L	< 1.5 µg/L	< 1.5 µg/L	< 1.5 µg/L	< 1.52 µg/L	< 1.5 µg/L
sec-Butylbenzene	< 0.2 - < 0.5 µg/L	1580 µg/L	< 0.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Styrene	< 0.2 - < 0.8 µg/L	29800 µg/L	1.44 µg/L (J)	1.54 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
tert-Butyl methyl ether (MTBE)	< 0.2 - < 0.2 µg/L	5470 µg/L	29.5 µg/L	4.34 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L	19.9 µg/L
tert-Butylbenzene	< 0.2 - < 0.5 µg/L	1400 µg/L	< 0.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Tetrachloroethene	< 0.2 - < 0.6 µg/L	148 µg/L	< 0.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Toluene	< 0.2 - < 0.7 µg/L	16500 µg/L	0.45 µg/L (J)	0.959 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Total Organic Carbon	8830 - 8830 µg/L	n/a*	32.8 mg/L	26.2 mg/L	9.68 mg/L	9.22 mg/L	32.6 mg/L
Total TPH (C6-C35)	< 107 - < 107 µg/L	n/a*	< 107 µg/L	1,750 µg/L (J)	< 104 µg/L	< 103 µg/L	< 106 µg/L
trans-1,2-Dichloroethene	< 0.2 - < 0.6 µg/L	6950 µg/L	< 0.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
trans-1,3-Dichloropropene	< 0.2 - < 1 µg/L	250 µg/L	< 0.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
trans-1,4-Dichloro-2-butene	< 0.5 - < 0.5 µg/L	n/a*	< 0.5 µg/L	< 1 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 05, 2019[1]

			WS001		WS002		WS003
			PNTX1205X001A	PNTX1205X001B	PNTX1205X002A	PNTX1205X002B	PNTX1205X003A
Analyte	**Background Range[2]**	**Screening Value[3]**	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
Trichloroethene	< 0.2 - < 0.7 µg/L	1010 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Trichlorofluoromethane	< 0.2 - < 0.2 µg/L	43300 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Trichlorotrifluoroethane	< 0.2 - < 0.2 µg/L	6040000 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Vinyl acetate	< 0.2 - < 0.2 µg/L	748000 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Vinyl chloride	< 0.2 - < 1 µg/L	11.3 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Xylene (total)	< 0.4 - < 1 µg/L	24000 µg/L	0.53 µg/L (*J*)	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L	1.65 µg/L (*J*)

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 05, 2019[1]

			WS003	WS004			WS006
			PNTX1205X003B	PNTX1205V004A	PNTX1205X004A	PNTX1205X004B	PNTX1205X006A
Analyte	**Background Range[2]**	**Screening Value[3]**	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
Trichloroethene	< 0.2 - < 0.7 µg/L	1010 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Trichlorofluoromethane	< 0.2 - < 0.2 µg/L	43300 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Trichlorotrifluoroethane	< 0.2 - < 0.2 µg/L	6040000 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Vinyl acetate	< 0.2 - < 0.2 µg/L	748000 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Vinyl chloride	< 0.2 - < 1 µg/L	11.3 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Xylene (total)	< 0.4 - < 1 µg/L	24000 µg/L	1.23 µg/L (*J*)	< 0.4 µg/L	0.549 µg/L (*J*)	1.49 µg/L (*J*)	< 0.4 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 05, 2019[1]

Analyte	Background Range[2]	Screening Value[3]	WS006	WS010	WS014		WS017
			PNTX1205X006B	PNTX1205X010	PNTX1205X014A	PNTX1205X014B	PNTX1205X017B
			Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
Trichloroethene	< 0.2 - < 0.7 µg/L	1010 µg/L	< 0.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Trichlorofluoromethane	< 0.2 - < 0.2 µg/L	43300 µg/L	< 0.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Trichlorotrifluoroethane	< 0.2 - < 0.2 µg/L	6040000 µg/L	< 0.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Vinyl acetate	< 0.2 - < 0.2 µg/L	748000 µg/L	< 0.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Vinyl chloride	< 0.2 - < 1 µg/L	11.3 µg/L	< 0.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Xylene (total)	< 0.4 - < 1 µg/L	24000 µg/L	0.891 µg/L (J)	< 0.8 µg/L	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 06, 2019[1]

			WS001		WS002		WS003
			PNTX1206X001A	PNTX1206X001B	PNTX1206X002A	PNTX1206X002B	PNTX1206X003A
Analyte	Background Range[2]	Screening Value[3]	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
1-Methylnaphthalene	< 0.045 - < 0.045 µg/L	4800 µg/L	0.099 µg/L (J)	8.97 µg/L	< 0.042 µg/L	0.13 µg/L	< 0.045 µg/L
1,1-Dichloroethane	< 0.2 - < 0.9 µg/L	45800 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1-Dichloroethene	< 0.2 - < 1 µg/L	16600 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1-Dichloropropene	< 0.2 - < 0.8 µg/L	62.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,1-Trichloroethane	< 0.2 - < 0.8 µg/L	47200 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,1,2-Tetrachloroethane	< 0.2 - < 0.9 µg/L	312 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,2-Trichloroethane	< 0.2 - < 1 µg/L	325 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,2,2-Tetrachloroethane	< 0.2 - < 0.9 µg/L	93.8 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dibromo-3-chloropropane	< 0.2 - < 1 µg/L	11.3 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dibromoethane	< 0.2 - < 1 µg/L	0.283 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dichlorobenzene	< 0.2 - < 1 µg/L	11300 µg/L	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L
1,2-Dichloroethane	< 0.2 - < 1 µg/L	196 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dichloroethene(Total)	< 0.4 - < 0.4 µg/L	n/a*	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L
1,2-Dichloropropane	< 0.2 - < 0.9 µg/L	186 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2,3-Trichloropropane	< 0.2 - < 0.9 µg/L	1.71 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2,4-Trichlorobenzene	< 0.2 - < 1 µg/L	650 µg/L	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L
1,2,4-Trimethylbenzene	< 0.2 - < 0.8 µg/L	3260 µg/L	< 0.2 µg/L	0.431 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2Diphenylhydrazine/Azobenzen	< 0.556 - < 0.556 µg/L	9.57 µg/L	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L
1,3-Butadiene	< 0.5 - < 0.8 µg/L	n/a*	5.05 µg/L	1.62 µg/L (J)	1.36 µg/L (J)	1.21 µg/L (J)	1.64 µg/L (J)
1,3-Dichlorobenzene	< 0.2 - < 1 µg/L	3780 µg/L	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L
1,3-Dichloropropane	< 0.2 - < 1 µg/L	129 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,3,5-Trimethylbenzene	< 0.2 - < 0.6 µg/L	3050 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,4-Dichlorobenzene	< 0.2 - < 1 µg/L	186 µg/L	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L
2-Butanone	< 0.2 - < 0.2 µg/L	491000 µg/L	2.35 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
2-Chloroethylvinyl ether	< 1 - < 1 µg/L	16.2 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L
2-Chloronaphthalene	< 0.556 - < 1 µg/L	5480 µg/L	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L
2-Chlorophenol	< 0.556 - < 1 µg/L	1930 µg/L	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L
2-Chlorotoluene	< 0.2 - < 0.6 µg/L	2420 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
2-Hexanone	< 0.5 - < 0.5 µg/L	32400 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
2-Methylnaphthalene	< 0.045 - < 1 µg/L	276 µg/L	< 0.042 µg/L	8.5 µg/L	< 0.042 µg/L	0.087 µg/L (J)	< 0.045 µg/L
2-Nitroaniline	< 0.556 - < 0.7 µg/L	136 µg/L	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L
2-Nitrophenol	< 0.556 - < 0.9 µg/L	686 µg/L	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L
2,2-Dichloropropane	< 0.2 - < 0.7 µg/L	163 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
2,4-Dichlorophenol	< 0.556 - < 0.7 µg/L	739 µg/L	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L
2,4-Dimethylphenol	< 0.556 - < 1 µg/L	4740 µg/L	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L
2,4-Dinitrophenol	< 0.8 - < 1.67 µg/L	1270 µg/L	< 1.7 µg/L	< 1.58 µg/L	< 1.53 µg/L	< 1.53 µg/L	< 1.7 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 06, 2019[1]

			WS003	WS004		WS006	
			PNTX1206X003B	PNTX1206X004A	PNTX1206X004B	PNTX1206X006A	PNTX1206X006B
Analyte	Background Range[2]	Screening Value[3]	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
1-Methylnaphthalene	< 0.045 - < 0.045 µg/L	4800 µg/L	0.243 µg/L	< 0.045 µg/L	0.203 µg/L	< 0.041 µg/L	< 0.04 µg/L
1,1-Dichloroethane	< 0.2 - < 0.9 µg/L	45800 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1-Dichloroethene	< 0.2 - < 1 µg/L	16600 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1-Dichloropropene	< 0.2 - < 0.8 µg/L	62.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,1-Trichloroethane	< 0.2 - < 0.8 µg/L	47200 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,1,2-Tetrachloroethane	< 0.2 - < 0.9 µg/L	312 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,2-Trichloroethane	< 0.2 - < 1 µg/L	325 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,2,2-Tetrachloroethane	< 0.2 - < 0.9 µg/L	93.8 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dibromo-3-chloropropane	< 0.2 - < 1 µg/L	11.3 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dibromoethane	< 0.2 - < 1 µg/L	0.283 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dichlorobenzene	< 0.2 - < 1 µg/L	11300 µg/L	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L
1,2-Dichloroethane	< 0.2 - < 1 µg/L	196 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dichloroethene(Total)	< 0.4 - < 0.4 µg/L	n/a*	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L
1,2-Dichloropropane	< 0.2 - < 0.9 µg/L	186 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2,3-Trichloropropane	< 0.2 - < 0.9 µg/L	1.71 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2,4-Trichlorobenzene	< 0.2 - < 1 µg/L	650 µg/L	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L
1,2,4-Trimethylbenzene	< 0.2 - < 0.8 µg/L	3260 µg/L	< 0.2 µg/L	< 0.2 µg/L	0.339 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L
1,2Diphenylhydrazine/Azobenzen	< 0.556 - < 0.556 µg/L	9.57 µg/L	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L
1,3-Butadiene	< 0.5 - < 0.8 µg/L	n/a*	0.919 µg/L (J)	3.19 µg/L (J)	2.01 µg/L (J)	< 0.5 µg/L	0.53 µg/L (J)
1,3-Dichlorobenzene	< 0.2 - < 1 µg/L	3780 µg/L	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L
1,3-Dichloropropane	< 0.2 - < 1 µg/L	129 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,3,5-Trimethylbenzene	< 0.2 - < 0.6 µg/L	3050 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,4-Dichlorobenzene	< 0.2 - < 1 µg/L	186 µg/L	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L
2-Butanone	< 0.2 - < 0.2 µg/L	491000 µg/L	2.57 µg/L (J)	< 0.2 µg/L	2.1 µg/L (J)	2.16 µg/L (J)	2.64 µg/L (J)
2-Chloroethylvinyl ether	< 1 - < 1 µg/L	16.2 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L
2-Chloronaphthalene	< 0.556 - < 1 µg/L	5480 µg/L	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L
2-Chlorophenol	< 0.556 - < 1 µg/L	1930 µg/L	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L
2-Chlorotoluene	< 0.2 - < 0.6 µg/L	2420 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
2-Hexanone	< 0.5 - < 0.5 µg/L	32400 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
2-Methylnaphthalene	< 0.045 - < 1 µg/L	276 µg/L	0.182 µg/L	< 0.045 µg/L	0.148 µg/L	< 0.041 µg/L	0.101 µg/L
2-Nitroaniline	< 0.556 - < 0.7 µg/L	136 µg/L	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L
2-Nitrophenol	< 0.556 - < 0.9 µg/L	686 µg/L	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L
2,2-Dichloropropane	< 0.2 - < 0.7 µg/L	163 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
2,4-Dichlorophenol	< 0.556 - < 0.7 µg/L	739 µg/L	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L
2,4-Dimethylphenol	< 0.556 - < 1 µg/L	4740 µg/L	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L
2,4-Dinitrophenol	< 0.8 - < 1.67 µg/L	1270 µg/L	< 1.56 µg/L	< 1.6 µg/L	< 1.56 µg/L	< 1.53 µg/L	< 1.56 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 06, 2019[1]

Analyte	Background Range[2]	Screening Value[3]	WS010	WS014		WS015	WS016
			PNTX1206X010	PNTX1206X014A	PNTX1206X014B	PNTX1206X015	PNTX1206X016
			Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
1-Methylnaphthalene	< 0.045 - < 0.045 µg/L	4800 µg/L	0.112 µg/L	< 0.04 µg/L	< 0.04 µg/L	0.122 µg/L	0.167 µg/L
1,1-Dichloroethane	< 0.2 - < 0.9 µg/L	45800 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1-Dichloroethene	< 0.2 - < 1 µg/L	16600 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1-Dichloropropene	< 0.2 - < 0.8 µg/L	62.2 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,1-Trichloroethane	< 0.2 - < 0.8 µg/L	47200 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,1,2-Tetrachloroethane	< 0.2 - < 0.9 µg/L	312 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,2-Trichloroethane	< 0.2 - < 1 µg/L	325 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,2,2-Tetrachloroethane	< 0.2 - < 0.9 µg/L	93.8 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dibromo-3-chloropropane	< 0.2 - < 1 µg/L	11.3 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dibromoethane	< 0.2 - < 1 µg/L	0.283 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dichlorobenzene	< 0.2 - < 1 µg/L	11300 µg/L	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L
1,2-Dichloroethane	< 0.2 - < 1 µg/L	196 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dichloroethene(Total)	< 0.4 - < 0.4 µg/L	n/a*	< 0.8 µg/L	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L
1,2-Dichloropropane	< 0.2 - < 0.9 µg/L	186 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2,3-Trichloropropane	< 0.2 - < 0.9 µg/L	1.71 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2,4-Trichlorobenzene	< 0.2 - < 1 µg/L	650 µg/L	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L
1,2,4-Trimethylbenzene	< 0.2 - < 0.8 µg/L	3260 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	0.415 µg/L (J)
1,2Diphenylhydrazine/Azobenzen	< 0.556 - < 0.556 µg/L	9.57 µg/L	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L
1,3-Butadiene	< 0.5 - < 0.8 µg/L	n/a*	52.2 µg/L	< 0.5 µg/L	< 0.5 µg/L	18.1 µg/L	4.68 µg/L (J)
1,3-Dichlorobenzene	< 0.2 - < 1 µg/L	3780 µg/L	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L
1,3-Dichloropropane	< 0.2 - < 1 µg/L	129 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,3,5-Trimethylbenzene	< 0.2 - < 0.6 µg/L	3050 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,4-Dichlorobenzene	< 0.2 - < 1 µg/L	186 µg/L	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L
2-Butanone	< 0.2 - < 0.2 µg/L	491000 µg/L	44.3 µg/L	< 0.2 µg/L	< 0.2 µg/L	7.63 µg/L	2.08 µg/L (J)
2-Chloroethylvinyl ether	< 1 - < 1 µg/L	16.2 µg/L	< 2 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L
2-Chloronaphthalene	< 0.556 - < 1 µg/L	5480 µg/L	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L
2-Chlorophenol	< 0.556 - < 1 µg/L	1930 µg/L	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L
2-Chlorotoluene	< 0.2 - < 0.6 µg/L	2420 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
2-Hexanone	< 0.5 - < 0.5 µg/L	32400 µg/L	< 1 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
2-Methylnaphthalene	< 0.045 - < 1 µg/L	276 µg/L	0.119 µg/L	< 0.04 µg/L	< 0.04 µg/L	0.099 µg/L (J)	0.167 µg/L
2-Nitroaniline	< 0.556 - < 0.7 µg/L	136 µg/L	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L
2-Nitrophenol	< 0.556 - < 0.9 µg/L	686 µg/L	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L
2,2-Dichloropropane	< 0.2 - < 0.7 µg/L	163 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
2,4-Dichlorophenol	< 0.556 - < 0.7 µg/L	739 µg/L	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L
2,4-Dimethylphenol	< 0.556 - < 1 µg/L	4740 µg/L	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L
2,4-Dinitrophenol	< 0.8 - < 1.67 µg/L	1270 µg/L	< 1.52 µg/L	< 1.53 µg/L	< 1.5 µg/L	< 1.5 µg/L	< 1.53 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 06, 2019[1]

Analyte	Background Range[2]	Screening Value[3]	WS017 PNTX1206X017 Pending Validation
1-Methylnaphthalene	< 0.045 - < 0.045 µg/L	4800 µg/L	< 0.04 µg/L
1,1-Dichloroethane	< 0.2 - < 0.9 µg/L	45800 µg/L	< 0.2 µg/L
1,1-Dichloroethene	< 0.2 - < 1 µg/L	16600 µg/L	< 0.2 µg/L
1,1-Dichloropropene	< 0.2 - < 0.8 µg/L	62.2 µg/L	< 0.2 µg/L
1,1,1-Trichloroethane	< 0.2 - < 0.8 µg/L	47200 µg/L	< 0.2 µg/L
1,1,1,2-Tetrachloroethane	< 0.2 - < 0.9 µg/L	312 µg/L	< 0.2 µg/L
1,1,2-Trichloroethane	< 0.2 - < 1 µg/L	325 µg/L	< 0.2 µg/L
1,1,2,2-Tetrachloroethane	< 0.2 - < 0.9 µg/L	93.8 µg/L	< 0.2 µg/L
1,2-Dibromo-3-chloropropane	< 0.2 - < 1 µg/L	11.3 µg/L	< 0.2 µg/L
1,2-Dibromoethane	< 0.2 - < 1 µg/L	0.283 µg/L	< 0.2 µg/L
1,2-Dichlorobenzene	< 0.2 - < 1 µg/L	11300 µg/L	< 0.51 µg/L
1,2-Dichloroethane	< 0.2 - < 1 µg/L	196 µg/L	< 0.2 µg/L
1,2-Dichloroethene(Total)	< 0.4 - < 0.4 µg/L	n/a*	< 0.4 µg/L
1,2-Dichloropropane	< 0.2 - < 0.9 µg/L	186 µg/L	< 0.2 µg/L
1,2,3-Trichloropropane	< 0.2 - < 0.9 µg/L	1.71 µg/L	< 0.2 µg/L
1,2,4-Trichlorobenzene	< 0.2 - < 1 µg/L	650 µg/L	< 0.51 µg/L
1,2,4-Trimethylbenzene	< 0.2 - < 0.8 µg/L	3260 µg/L	< 0.2 µg/L
1,2Diphenylhydrazine/Azobenzen	< 0.556 - < 0.556 µg/L	9.57 µg/L	< 0.51 µg/L
1,3-Butadiene	< 0.5 - < 0.8 µg/L	n/a*	< 0.5 µg/L
1,3-Dichlorobenzene	< 0.2 - < 1 µg/L	3780 µg/L	< 0.51 µg/L
1,3-Dichloropropane	< 0.2 - < 1 µg/L	129 µg/L	< 0.2 µg/L
1,3,5-Trimethylbenzene	< 0.2 - < 0.6 µg/L	3050 µg/L	< 0.2 µg/L
1,4-Dichlorobenzene	< 0.2 - < 1 µg/L	186 µg/L	< 0.51 µg/L
2-Butanone	< 0.2 - < 0.2 µg/L	491000 µg/L	< 0.2 µg/L
2-Chloroethylvinyl ether	< 1 - < 1 µg/L	16.2 µg/L	< 1 µg/L
2-Chloronaphthalene	< 0.556 - < 1 µg/L	5480 µg/L	< 0.51 µg/L
2-Chlorophenol	< 0.556 - < 1 µg/L	1930 µg/L	< 0.51 µg/L
2-Chlorotoluene	< 0.2 - < 0.6 µg/L	2420 µg/L	< 0.2 µg/L
2-Hexanone	< 0.5 - < 0.5 µg/L	32400 µg/L	< 0.5 µg/L
2-Methylnaphthalene	< 0.045 - < 1 µg/L	276 µg/L	< 0.04 µg/L
2-Nitroaniline	< 0.556 - < 0.7 µg/L	136 µg/L	< 0.51 µg/L
2-Nitrophenol	< 0.556 - < 0.9 µg/L	686 µg/L	< 0.51 µg/L
2,2-Dichloropropane	< 0.2 - < 0.7 µg/L	163 µg/L	< 0.2 µg/L
2,4-Dichlorophenol	< 0.556 - < 0.7 µg/L	739 µg/L	< 0.51 µg/L
2,4-Dimethylphenol	< 0.556 - < 1 µg/L	4740 µg/L	< 0.51 µg/L
2,4-Dinitrophenol	< 0.8 - < 1.67 µg/L	1270 µg/L	< 1.52 µg/L

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

South 4 Group Fire

Analytical Water Screening Values - December 06, 2019[1]

			WS001		WS002		WS003
			PNTX1206X001A	PNTX1206X001B	PNTX1206X002A	PNTX1206X002B	PNTX1206X003A
Analyte	Background Range[2]	Screening Value[3]	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
2,4-Dinitrotoluene	< 0.556 - < 0.8 µg/L	30 µg/L	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L
2,4,5-Trichlorophenol	< 0.556 - < 0.6 µg/L	14000 µg/L	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L
2,4,6-Trichlorophenol	< 0.556 - < 0.6 µg/L	455 µg/L	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L
2,6-Dinitrotoluene	< 0.556 - < 0.6 µg/L	30 µg/L	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L
3-Nitroaniline	< 0.556 - < 0.8 µg/L	177 µg/L	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L
3,3'-Dichlorobenzidine	< 0.556 - < 0.6 µg/L	20.7 µg/L	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L
4-Bromophenyl phenyl ether	< 0.556 - < 0.8 µg/L	n/a*	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L
4-Chloro-3-methylphenol	< 0.5 - < 0.556 µg/L	870 µg/L	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L
4-Chloroaniline	< 0.5 - < 0.556 µg/L	2140 µg/L	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L
4-Chlorophenyl phenyl ether	< 0.556 - < 1 µg/L	n/a*	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L
4-Chlorotoluene	< 0.2 - < 0.5 µg/L	2120 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
4-Isopropyltoluene	< 0.2 - < 0.6 µg/L	3700 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
4-Methyl-2-pentanone	< 0.2 - < 0.2 µg/L	52700 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	1.45 µg/L (J)
4-Nitroaniline	< 0.8 - < 1.67 µg/L	966 µg/L	< 1.7 µg/L	< 1.58 µg/L	< 1.53 µg/L	< 1.53 µg/L	< 1.7 µg/L
4-Nitrophenol	< 0.6 - < 1.67 µg/L	1120 µg/L	< 1.7 µg/L	< 1.58 µg/L	< 1.53 µg/L	< 1.53 µg/L	< 1.7 µg/L
4,6-Dinitro-2-methylphenol	< 0.6 - < 1.67 µg/L	1100 µg/L	< 1.7 µg/L	< 1.58 µg/L	< 1.53 µg/L	< 1.53 µg/L	< 1.7 µg/L
>C12-C28	< 124 - < 124 µg/L	n/a*	< 126 µg/L	< 124 µg/L	< 123 µg/L	< 113 µg/L	< 122 µg/L
>C28-C35	< 124 - < 124 µg/L	n/a*	< 126 µg/L	< 124 µg/L	< 123 µg/L	< 113 µg/L	< 122 µg/L
Acenaphthene	< 0.014 - < 1 µg/L	2440 µg/L	< 0.013 µg/L	6.38 µg/L	< 0.013 µg/L	0.369 µg/L	< 0.014 µg/L
Acenaphthylene	< 0.045 - < 1 µg/L	3260 µg/L	0.126 µg/L	1.81 µg/L	< 0.042 µg/L	0.246 µg/L	0.654 µg/L
Acetone	1.11 - 1.11 µg/L	780000 µg/L	5.95 µg/L	5.48 µg/L	4.95 µg/L (J)	5.63 µg/L	19.8 µg/L
Acrolein	< 2.5 - < 2.5 µg/L	426 µg/L	< 2.5 µg/L	< 2.5 µg/L	< 2.5 µg/L	< 2.5 µg/L	< 2.5 µg/L
Acrylonitrile	< 1 - < 1 µg/L	75.7 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L
Aniline	< 0.6 - < 0.833 µg/L	4690 µg/L	< 0.852 µg/L	< 0.789 µg/L	< 0.765 µg/L	< 0.765 µg/L	< 0.852 µg/L
Anthracene	< 0.045 - < 0.5 µg/L	10700 µg/L	< 0.042 µg/L	0.469 µg/L	< 0.042 µg/L	< 0.041 µg/L	0.114 µg/L
Benzene	< 0.2 - < 0.7 µg/L	235 µg/L	0.46 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	0.45 µg/L (J)
Benzidine	< 1 - < 2.78 µg/L	0.158 µg/L	< 2.84 µg/L	< 2.63 µg/L	< 2.55 µg/L	< 2.55 µg/L	< 2.84 µg/L
Benzo(a)anthracene	< 0.028 - < 1 µg/L	n/a*	< 0.026 µg/L	0.078 µg/L (J)	< 0.026 µg/L	< 0.026 µg/L	< 0.028 µg/L
Benzo(a)pyrene	< 0.014 - < 0.6 µg/L	n/a*	< 0.013 µg/L	0.04 µg/L (J)	< 0.013 µg/L	< 0.013 µg/L	0.068 µg/L (J)
Benzo(b)fluoranthene	< 0.014 - < 0.5 µg/L	n/a*	< 0.013 µg/L	0.029 µg/L (J)	< 0.013 µg/L	< 0.013 µg/L	0.063 µg/L (J)
Benzo(g,h,i)perylene	< 0.014 - < 0.014 µg/L	n/a*	< 0.013 µg/L	< 0.013 µg/L	< 0.012 µg/L	< 0.013 µg/L	0.058 µg/L (J)
Benzo(k)fluoranthene	< 0.028 - < 0.8 µg/L	n/a*	< 0.026 µg/L	< 0.026 µg/L	< 0.026 µg/L	< 0.026 µg/L	< 0.028 µg/L
Benzoic acid	< 0.5 - < 1.67 µg/L	1830000 µg/L	< 1.7 µg/L	< 1.58 µg/L	< 1.53 µg/L	< 1.53 µg/L	< 1.7 µg/L
Benzyl alcohol	< 0.556 - < 0.9 µg/L	210000 µg/L	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L
Bis(2-Chloroethoxy)methane	< 0.556 - < 0.6 µg/L	12.3 µg/L	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L
Bis(2-Chloroethyl)ether	< 0.556 - < 0.9 µg/L	25.8 µg/L	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 06, 2019[1]

			WS003	WS004		WS006	
			PNTX1206X003B	PNTX1206X004A	PNTX1206X004B	PNTX1206X006A	PNTX1206X006B
Analyte	Background Range[2]	Screening Value[3]	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
2,4-Dinitrotoluene	< 0.556 - < 0.8 µg/L	30 µg/L	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L
2,4,5-Trichlorophenol	< 0.556 - < 0.6 µg/L	14000 µg/L	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L
2,4,6-Trichlorophenol	< 0.556 - < 0.6 µg/L	455 µg/L	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L
2,6-Dinitrotoluene	< 0.556 - < 0.6 µg/L	30 µg/L	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L
3-Nitroaniline	< 0.556 - < 0.8 µg/L	177 µg/L	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L
3,3'-Dichlorobenzidine	< 0.556 - < 0.6 µg/L	20.7 µg/L	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L
4-Bromophenyl phenyl ether	< 0.556 - < 0.8 µg/L	n/a*	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L
4-Chloro-3-methylphenol	< 0.5 - < 0.556 µg/L	870 µg/L	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L
4-Chloroaniline	< 0.5 - < 0.556 µg/L	2140 µg/L	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L
4-Chlorophenyl phenyl ether	< 0.556 - < 1 µg/L	n/a*	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L
4-Chlorotoluene	< 0.2 - < 0.5 µg/L	2120 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
4-Isopropyltoluene	< 0.2 - < 0.6 µg/L	3700 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
4-Methyl-2-pentanone	< 0.2 - < 0.2 µg/L	52700 µg/L	1.89 µg/L (J)	1.54 µg/L (J)	1.52 µg/L (J)	1.65 µg/L (J)	< 0.2 µg/L
4-Nitroaniline	< 0.8 - < 1.67 µg/L	966 µg/L	< 1.56 µg/L	< 1.6 µg/L	< 1.56 µg/L	< 1.53 µg/L	< 1.56 µg/L
4-Nitrophenol	< 0.6 - < 1.67 µg/L	1120 µg/L	< 1.56 µg/L	< 1.6 µg/L	< 1.56 µg/L	< 1.53 µg/L	< 1.56 µg/L
4,6-Dinitro-2-methylphenol	< 0.6 - < 1.67 µg/L	1100 µg/L	< 1.56 µg/L	< 1.6 µg/L	< 1.56 µg/L	< 1.53 µg/L	< 1.56 µg/L
>C12-C28	< 124 - < 124 µg/L	n/a*	2,460 µg/L	< 123 µg/L	1,580 µg/L (J)	< 122 µg/L	5,860 µg/L
>C28-C35	< 124 - < 124 µg/L	n/a*	< 123 µg/L	< 123 µg/L	< 127 µg/L	< 122 µg/L	< 126 µg/L
Acenaphthene	< 0.014 - < 1 µg/L	2440 µg/L	0.552 µg/L	< 0.014 µg/L	0.284 µg/L	< 0.013 µg/L	0.476 µg/L
Acenaphthylene	< 0.045 - < 1 µg/L	3260 µg/L	1.09 µg/L	0.557 µg/L	0.555 µg/L	< 0.041 µg/L	0.694 µg/L
Acetone	1.11 - 1.11 µg/L	780000 µg/L	19.2 µg/L	15.3 µg/L	15.7 µg/L	22.9 µg/L	25.1 µg/L
Acrolein	< 2.5 - < 2.5 µg/L	426 µg/L	< 2.5 µg/L	< 2.5 µg/L	< 2.5 µg/L	< 2.5 µg/L	< 2.5 µg/L
Acrylonitrile	< 1 - < 1 µg/L	75.7 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L
Aniline	< 0.6 - < 0.833 µg/L	4690 µg/L	< 0.781 µg/L	< 0.798 µg/L	< 0.781 µg/L	< 0.765 µg/L	< 0.781 µg/L
Anthracene	< 0.045 - < 0.5 µg/L	10700 µg/L	0.211 µg/L	0.121 µg/L	0.112 µg/L	0.055 µg/L (J)	0.067 µg/L (J)
Benzene	< 0.2 - < 0.7 µg/L	235 µg/L	< 0.2 µg/L	0.292 µg/L (J)	0.599 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L
Benzidine	< 1 - < 2.78 µg/L	0.158 µg/L	< 2.6 µg/L	< 2.66 µg/L	< 2.6 µg/L	< 2.55 µg/L	< 2.6 µg/L
Benzo(a)anthracene	< 0.028 - < 1 µg/L	n/a*	0.096 µg/L (J)	< 0.028 µg/L	0.053 µg/L (J)	< 0.026 µg/L	< 0.025 µg/L
Benzo(a)pyrene	< 0.014 - < 0.6 µg/L	n/a*	0.1 µg/L (J)	< 0.014 µg/L	0.039 µg/L (J)	< 0.013 µg/L	< 0.013 µg/L
Benzo(b)fluoranthene	< 0.014 - < 0.5 µg/L	n/a*	0.094 µg/L (J)	< 0.014 µg/L	0.04 µg/L (J)	< 0.013 µg/L	< 0.013 µg/L
Benzo(g,h,i)perylene	< 0.014 - < 0.014 µg/L	n/a*	0.099 µg/L (J)	< 0.014 µg/L	0.042 µg/L (J)	0.021 µg/L (J)	< 0.013 µg/L
Benzo(k)fluoranthene	< 0.028 - < 0.8 µg/L	n/a*	0.032 µg/L (J)	< 0.028 µg/L	< 0.025 µg/L	< 0.026 µg/L	< 0.025 µg/L
Benzoic acid	< 0.5 - < 1.67 µg/L	1830000 µg/L	< 1.56 µg/L	< 1.6 µg/L	< 1.56 µg/L	< 1.53 µg/L	< 1.56 µg/L
Benzyl alcohol	< 0.556 - < 0.9 µg/L	210000 µg/L	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L
Bis(2-Chloroethoxy)methane	< 0.556 - < 0.6 µg/L	12.3 µg/L	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L
Bis(2-Chloroethyl)ether	< 0.556 - < 0.9 µg/L	25.8 µg/L	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 06, 2019[1]

Analyte	Background Range[2]	Screening Value[3]	WS010	WS014		WS015	WS016
			PNTX1206X010	PNTX1206X014A	PNTX1206X014B	PNTX1206X015	PNTX1206X016
			Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
2,4-Dinitrotoluene	< 0.556 - < 0.8 µg/L	30 µg/L	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L
2,4,5-Trichlorophenol	< 0.556 - < 0.6 µg/L	14000 µg/L	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L
2,4,6-Trichlorophenol	< 0.556 - < 0.6 µg/L	455 µg/L	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L
2,6-Dinitrotoluene	< 0.556 - < 0.6 µg/L	30 µg/L	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L
3-Nitroaniline	< 0.556 - < 0.8 µg/L	177 µg/L	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L
3,3'-Dichlorobenzidine	< 0.556 - < 0.6 µg/L	20.7 µg/L	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L
4-Bromophenyl phenyl ether	< 0.556 - < 0.8 µg/L	n/a*	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L
4-Chloro-3-methylphenol	< 0.5 - < 0.556 µg/L	870 µg/L	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L
4-Chloroaniline	< 0.5 - < 0.556 µg/L	2140 µg/L	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L
4-Chlorophenyl phenyl ether	< 0.556 - < 1 µg/L	n/a*	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L
4-Chlorotoluene	< 0.2 - < 0.5 µg/L	2120 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
4-Isopropyltoluene	< 0.2 - < 0.6 µg/L	3700 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
4-Methyl-2-pentanone	< 0.2 - < 0.2 µg/L	52700 µg/L	16.1 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	2.28 µg/L (J)
4-Nitroaniline	< 0.8 - < 1.67 µg/L	966 µg/L	< 1.52 µg/L	< 1.53 µg/L	< 1.5 µg/L	< 1.5 µg/L	< 1.53 µg/L
4-Nitrophenol	< 0.6 - < 1.67 µg/L	1120 µg/L	< 1.52 µg/L	< 1.53 µg/L	< 1.5 µg/L	< 1.5 µg/L	< 1.53 µg/L
4,6-Dinitro-2-methylphenol	< 0.6 - < 1.67 µg/L	1100 µg/L	< 1.52 µg/L	< 1.53 µg/L	< 1.5 µg/L	< 1.5 µg/L	< 1.53 µg/L
>C12-C28	< 124 - < 124 µg/L	n/a*	2.130 µg/L (J)	< 124 µg/L	< 124 µg/L	1.380 µg/L (J)	4.990 µg/L
>C28-C35	< 124 - < 124 µg/L	n/a*	< 122 µg/L	< 124 µg/L	< 124 µg/L	< 123 µg/L	< 122 µg/L
Acenaphthene	< 0.014 - < 1 µg/L	2440 µg/L	0.053 µg/L (J)	< 0.013 µg/L	< 0.013 µg/L	0.129 µg/L	0.396 µg/L
Acenaphthylene	< 0.045 - < 1 µg/L	3260 µg/L	0.54 µg/L	< 0.04 µg/L	< 0.04 µg/L	0.345 µg/L	0.985 µg/L
Acetone	1.11 - 1.11 µg/L	780000 µg/L	61.4 µg/L	3.66 µg/L (J)	2.04 µg/L (J)	6.8 µg/L	16 µg/L
Acrolein	< 2.5 - < 2.5 µg/L	426 µg/L	< 5 µg/L	< 2.5 µg/L	< 2.5 µg/L	< 2.5 µg/L	< 2.5 µg/L
Acrylonitrile	< 1 - < 1 µg/L	75.7 µg/L	< 2 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L
Aniline	< 0.6 - < 0.833 µg/L	4690 µg/L	7.73 µg/L (J)	< 0.765 µg/L	< 0.75 µg/L	< 0.75 µg/L	< 0.765 µg/L
Anthracene	< 0.045 - < 0.5 µg/L	10700 µg/L	0.092 µg/L (J)	< 0.04 µg/L	< 0.04 µg/L	0.068 µg/L (J)	0.166 µg/L
Benzene	< 0.2 - < 0.7 µg/L	235 µg/L	1.11 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L	2.14 µg/L (J)	0.878 µg/L (J)
Benzidine	< 1 - < 2.78 µg/L	0.158 µg/L	< 2.59 µg/L	< 2.55 µg/L	< 2.5 µg/L	< 2.5 µg/L	< 2.55 µg/L
Benzo(a)anthracene	< 0.028 - < 1 µg/L	n/a*	0.055 µg/L (J)	< 0.025 µg/L	< 0.025 µg/L	< 0.025 µg/L	0.163 µg/L
Benzo(a)pyrene	< 0.014 - < 0.6 µg/L	n/a*	0.04 µg/L (J)	< 0.013 µg/L	< 0.013 µg/L	< 0.013 µg/L	0.164 µg/L
Benzo(b)fluoranthene	< 0.014 - < 0.5 µg/L	n/a*	0.041 µg/L (J)	< 0.013 µg/L	< 0.013 µg/L	< 0.013 µg/L	0.171 µg/L
Benzo(g,h,i)perylene	< 0.014 - < 0.014 µg/L	n/a*	0.038 µg/L (J)	< 0.013 µg/L	< 0.012 µg/L	< 0.013 µg/L	0.153 µg/L
Benzo(k)fluoranthene	< 0.028 - < 0.8 µg/L	n/a*	< 0.025 µg/L	< 0.025 µg/L	< 0.025 µg/L	< 0.025 µg/L	0.064 µg/L (J)
Benzoic acid	< 0.5 - < 1.67 µg/L	1830000 µg/L	< 1.52 µg/L	< 1.52 µg/L	< 1.5 µg/L	< 1.5 µg/L	< 1.52 µg/L
Benzyl alcohol	< 0.556 - < 0.9 µg/L	210000 µg/L	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L
Bis(2-Chloroethoxy)methane	< 0.556 - < 0.6 µg/L	12.3 µg/L	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L
Bis(2-Chloroethyl)ether	< 0.556 - < 0.9 µg/L	25.8 µg/L	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 06, 2019[1]

Analyte	Background Range[2]	Screening Value[3]	WS017 PNTX1206X017 Pending Validation
2,4-Dinitrotoluene	< 0.556 - < 0.8 µg/L	30 µg/L	< 0.51 µg/L
2,4,5-Trichlorophenol	< 0.556 - < 0.6 µg/L	14000 µg/L	< 0.51 µg/L
2,4,6-Trichlorophenol	< 0.556 - < 0.6 µg/L	455 µg/L	< 0.51 µg/L
2,6-Dinitrotoluene	< 0.556 - < 0.6 µg/L	30 µg/L	< 0.51 µg/L
3-Nitroaniline	< 0.556 - < 0.8 µg/L	177 µg/L	< 0.51 µg/L
3,3'-Dichlorobenzidine	< 0.556 - < 0.6 µg/L	20.7 µg/L	< 0.51 µg/L
4-Bromophenyl phenyl ether	< 0.556 - < 0.8 µg/L	n/a*	< 0.51 µg/L
4-Chloro-3-methylphenol	< 0.5 - < 0.556 µg/L	870 µg/L	< 0.51 µg/L
4-Chloroaniline	< 0.5 - < 0.556 µg/L	2140 µg/L	< 0.51 µg/L
4-Chlorophenyl phenyl ether	< 0.556 - < 1 µg/L	n/a*	< 0.51 µg/L
4-Chlorotoluene	< 0.2 - < 0.5 µg/L	2120 µg/L	< 0.2 µg/L
4-Isopropyltoluene	< 0.2 - < 0.6 µg/L	3700 µg/L	< 0.2 µg/L
4-Methyl-2-pentanone	< 0.2 - < 0.2 µg/L	52700 µg/L	1.73 µg/L (J)
4-Nitroaniline	< 0.8 - < 1.67 µg/L	966 µg/L	< 1.52 µg/L
4-Nitrophenol	< 0.6 - < 1.67 µg/L	1120 µg/L	< 1.52 µg/L
4,6-Dinitro-2-methylphenol	< 0.6 - < 1.67 µg/L	1100 µg/L	< 1.53 µg/L
>C12-C28	< 124 - < 124 µg/L	n/a*	< 121 µg/L
>C28-C35	< 124 - < 124 µg/L	n/a*	< 121 µg/L
Acenaphthene	< 0.014 - < 1 µg/L	2440 µg/L	< 0.013 µg/L
Acenaphthylene	< 0.045 - < 1 µg/L	3260 µg/L	< 0.04 µg/L
Acetone	1.11 - 1.11 µg/L	780000 µg/L	8.09 µg/L
Acrolein	< 2.5 - < 2.5 µg/L	426 µg/L	< 2.5 µg/L
Acrylonitrile	< 1 - < 1 µg/L	75.7 µg/L	< 1 µg/L
Aniline	< 0.6 - < 0.833 µg/L	4690 µg/L	< 0.765 µg/L
Anthracene	< 0.045 - < 0.5 µg/L	10700 µg/L	< 0.04 µg/L
Benzene	< 0.2 - < 0.7 µg/L	235 µg/L	< 0.2 µg/L
Benzidine	< 1 - < 2.78 µg/L	0.158 µg/L	< 2.55 µg/L
Benzo(a)anthracene	< 0.028 - < 1 µg/L	n/a*	< 0.025 µg/L
Benzo(a)pyrene	< 0.014 - < 0.6 µg/L	n/a*	0.03 µg/L (J)
Benzo(b)fluoranthene	< 0.014 - < 0.5 µg/L	n/a*	0.027 µg/L (J)
Benzo(g,h,i)perylene	< 0.014 - < 0.014 µg/L	n/a*	0.031 µg/L (J)
Benzo(k)fluoranthene	< 0.028 - < 0.8 µg/L	n/a*	< 0.025 µg/L
Benzoic acid	< 0.5 - < 1.67 µg/L	1880000 µg/L	< 1.53 µg/L
Benzyl alcohol	< 0.556 - < 0.9 µg/L	210000 µg/L	< 0.51 µg/L
Bis(2-Chloroethoxy)methane	< 0.556 - < 0.6 µg/L	12.3 µg/L	< 0.51 µg/L
Bis(2-Chloroethyl)ether	< 0.556 - < 0.9 µg/L	25.8 µg/L	< 0.51 µg/L

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

South 4 Group Fire

Analytical Water Screening Values - December 06, 2019[1]

			WS001		WS002		WS003
			PNTX1206X001A	PNTX1206X001B	PNTX1206X002A	PNTX1206X002B	PNTX1206X003A
Analyte	Background Range[2]	Screening Value[3]	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
Bis(2-Chloroisopropyl)ether	< 0.556 - < 1 µg/L	181 µg/L	2.03 µg/L (J)	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L
Bis(2-Ethylhexyl)phthalate	< 0.278 - < 1 µg/L	n/a*	< 0.284 µg/L	< 0.263 µg/L	< 0.255 µg/L	< 0.255 µg/L	< 0.284 µg/L
Bromobenzene	< 0.2 - < 0.2 µg/L	4200 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Bromochloromethane	< 0.2 - < 11 µg/L	26800 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Bromodichloromethane	< 0.2 - < 1 µg/L	477 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	0.94 µg/L (J)
Bromoform	< 0.25 - < 0.25 µg/L	4300 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Bromomethane	< 0.5 - < 2 µg/L	902 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
Butyl benzyl phthalate	< 0.278 - < 0.8 µg/L	7880 µg/L	< 0.284 µg/L	< 0.263 µg/L	< 0.255 µg/L	< 0.255 µg/L	< 0.284 µg/L
C6-C12	< 107 - < 107 µg/L	n/a*	< 109 µg/L	< 106 µg/L	< 106 µg/L	< 103 µg/L	< 106 µg/L
Carbazole	< 0.556 - < 0.556 µg/L	n/a*	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L
Carbon disulfide	< 0.2 - < 0.2 µg/L	n/a*	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Carbon tetrachloride	< 0.25 - < 0.6 µg/L	n/a*	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Chlorobenzene	< 0.2 - < 0.7 µg/L	1580 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Chloroethane	< 0.25 - < 0.7 µg/L	175000 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Chloroform	< 0.2 - < 0.7 µg/L	2350 µg/L	2.76 µg/L (J)	9.49 µg/L	0.436 µg/L (J)	< 0.2 µg/L	15.7 µg/L
Chloromethane	< 0.2 - < 0.7 µg/L	1950 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Chrysene	< 0.028 - < 0.9 µg/L	n/a*	< 0.028 µg/L	0.085 µg/L (J)	< 0.026 µg/L	< 0.026 µg/L	0.073 µg/L (J)
cis-1,2-Dichloroethene	< 0.2 - < 0.7 µg/L	4180 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
cis-1,3-Dichloropropene	< 0.2 - < 1 µg/L	46.3 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Di-n-butyl phthalate	< 0.556 - < 0.556 µg/L	4490 µg/L	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L
Di-n-octyl phthalate	< 0.278 - < 0.7 µg/L	n/a*	< 0.284 µg/L	< 0.263 µg/L	< 0.255 µg/L	< 0.255 µg/L	< 0.284 µg/L
Dibenz(a,h)anthracene	< 0.028 - < 0.6 µg/L	n/a*	< 0.028 µg/L	< 0.026 µg/L	< 0.026 µg/L	< 0.026 µg/L	< 0.028 µg/L
Dibenzofuran	< 0.556 - < 1 µg/L	219 µg/L	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L
Dibromochloromethane	< 0.2 - < 1 µg/L	383 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Dibromomethane	< 0.25 - < 1 µg/L	4300 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Dichlorodifluoromethane	< 0.2 - < 0.8 µg/L	37600 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Diethyl phthalate	< 0.556 - < 0.6 µg/L	307000 µg/L	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L
Dimethyl phthalate	< 0.556 - < 0.9 µg/L	540000 µg/L	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L
Ethylbenzene	< 0.2 - < 0.7 µg/L	12800 µg/L	0.382 µg/L (J)	8.19 µg/L	< 0.2 µg/L	< 0.2 µg/L	0.211 µg/L (J)
Ethylene Glycol	315 - 315 µg/L	1840000 µg/L	< 0.265 mg/L	< 0.265 mg/L	< 0.265 mg/L	< 0.265 mg/L	< 0.265 mg/L
Fluoranthene	< 0.014 - < 0.7 µg/L	n/a*	0.062 µg/L (J)	0.394 µg/L	< 0.012 µg/L	< 0.013 µg/L	0.277 µg/L
Fluorene	< 0.045 - < 1 µg/L	2110 µg/L	< 0.042 µg/L	3.72 µg/L	< 0.040 µg/L	< 0.041 µg/L	< 0.045 µg/L
Hexachlorobenzene	< 0.556 - < 0.7 µg/L	n/a*	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L
Hexachlorobutadiene	< 0.3 - < 1 µg/L	6.9 µg/L	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L
Hexachlorocyclopentadiene	< 1 - < 1.67 µg/L	256 µg/L	< 1.7 µg/L	< 1.58 µg/L	< 1.53 µg/L	< 1.53 µg/L	< 1.7 µg/L
Hexachloroethane	< 0.556 - < 1 µg/L	n/a*	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 06, 2019[1]

			WS003	WS004		WS006	
			PNTX1206X003B	PNTX1206X004A	PNTX1206X004B	PNTX1206X006A	PNTX1206X006B
Analyte	Background Range[2]	Screening Value[3]	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
Bis(2-Chloroisopropyl)ether	< 0.556 - < 1 µg/L	181 µg/L	< 0.521 µg/L	2.04 µg/L (J)	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L
Bis(2-Ethylhexyl)phthalate	< 0.278 - < 1 µg/L	n/a*	< 0.26 µg/L	< 0.266 µg/L	< 0.26 µg/L	< 0.255 µg/L	< 0.26 µg/L
Bromobenzene	< 0.2 - < 0.2 µg/L	4200 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Bromochloromethane	< 0.2 - < 11 µg/L	26800 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Bromodichloromethane	< 0.2 - < 1 µg/L	477 µg/L	0.779 µg/L (J)	0.728 µg/L (J)	0.785 µg/L (J)	0.863 µg/L (J)	0.866 µg/L (J)
Bromoform	< 0.25 - < 0.25 µg/L	4300 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Bromomethane	< 0.5 - < 2 µg/L	902 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
Butyl benzyl phthalate	< 0.278 - < 0.8 µg/L	7880 µg/L	< 0.26 µg/L	< 0.266 µg/L	< 0.26 µg/L	< 0.255 µg/L	< 0.26 µg/L
C6-C12	< 107 - < 107 µg/L	n/a*	< 106 µg/L	< 106 µg/L	< 109 µg/L	< 105 µg/L	< 108 µg/L
Carbazole	< 0.556 - < 0.556 µg/L	n/a*	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L
Carbon disulfide	< 0.2 - < 0.2 µg/L	n/a*	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Carbon tetrachloride	< 0.25 - < 0.6 µg/L	n/a*	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Chlorobenzene	< 0.2 - < 0.7 µg/L	1580 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Chloroethane	< 0.25 - < 0.7 µg/L	175000 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Chloroform	< 0.2 - < 0.7 µg/L	2350 µg/L	13.4 µg/L	14 µg/L	13.1 µg/L	14.5 µg/L	15.9 µg/L
Chloromethane	< 0.2 - < 0.7 µg/L	1950 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Chrysene	< 0.028 - < 0.9 µg/L	n/a*	0.091 µg/L (J)	< 0.028 µg/L	0.036 µg/L (J)	< 0.026 µg/L	< 0.026 µg/L
cis-1,2-Dichloroethene	< 0.2 - < 0.7 µg/L	4180 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
cis-1,3-Dichloropropene	< 0.2 - < 1 µg/L	46.3 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Di-n-butyl phthalate	< 0.556 - < 0.556 µg/L	4490 µg/L	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L
Di-n-octyl phthalate	< 0.278 - < 0.7 µg/L	n/a*	< 0.26 µg/L	< 0.266 µg/L	< 0.26 µg/L	< 0.255 µg/L	< 0.26 µg/L
Dibenz(a,h)anthracene	< 0.028 - < 0.6 µg/L	n/a*	< 0.026 µg/L	< 0.028 µg/L	< 0.026 µg/L	< 0.026 µg/L	< 0.026 µg/L
Dibenzofuran	< 0.556 - < 1 µg/L	219 µg/L	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L
Dibromochloromethane	< 0.2 - < 1 µg/L	383 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Dibromomethane	< 0.25 - < 1 µg/L	4300 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Dichlorodifluoromethane	< 0.2 - < 0.8 µg/L	37600 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Diethyl phthalate	< 0.556 - < 0.6 µg/L	307000 µg/L	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L
Dimethyl phthalate	< 0.556 - < 0.9 µg/L	540000 µg/L	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L
Ethylbenzene	< 0.2 - < 0.7 µg/L	12800 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Ethylene Glycol	315 - 315 µg/L	1840000 µg/L	0.27 mg/L (J)	< 0.265 mg/L	< 0.265 mg/L	< 0.265 mg/L	< 0.265 mg/L
Fluoranthene	< 0.014 - < 0.7 µg/L	n/a*	0.466 µg/L	0.116 µg/L	0.238 µg/L	0.066 µg/L (J)	0.047 µg/L (J)
Fluorene	< 0.045 - < 1 µg/L	2110 µg/L	0.125 µg/L	< 0.046 µg/L	0.147 µg/L	< 0.041 µg/L	0.193 µg/L
Hexachlorobenzene	< 0.556 - < 0.7 µg/L	n/a*	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L
Hexachlorobutadiene	< 0.3 - < 1 µg/L	6.9 µg/L	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L
Hexachlorocyclopentadiene	< 1 - < 1.67 µg/L	256 µg/L	< 1.56 µg/L	< 1.6 µg/L	< 1.56 µg/L	< 1.52 µg/L	< 1.56 µg/L
Hexachloroethane	< 0.556 - < 1 µg/L	n/a*	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 06, 2019[1]

Analyte	Background Range[2]	Screening Value[3]	WS010	WS014		WS015	WS016
			PNTX1206X010	PNTX1206X014A	PNTX1206X014B	PNTX1206X015	PNTX1206X016
			Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
Bis(2-Chloroisopropyl)ether	< 0.556 - < 1 µg/L	181 µg/L	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L
Bis(2-Ethylhexyl)phthalate	< 0.278 - < 1 µg/L	n/a*	< 0.253 µg/L	< 0.255 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.255 µg/L
Bromobenzene	< 0.2 - < 0.2 µg/L	4200 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Bromochloromethane	< 0.2 - < 11 µg/L	26800 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Bromodichloromethane	< 0.2 - < 1 µg/L	477 µg/L	1.48 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	0.71 µg/L (J)
Bromoform	< 0.25 - < 0.25 µg/L	4300 µg/L	< 0.5 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Bromomethane	< 0.5 - < 2 µg/L	902 µg/L	< 1 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
Butyl benzyl phthalate	< 0.278 - < 0.8 µg/L	7880 µg/L	< 0.253 µg/L	< 0.255 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.255 µg/L
C6-C12	< 107 - < 107 µg/L	n/a*	201 µg/L (J)	< 107 µg/L	< 107 µg/L	< 106 µg/L	< 105 µg/L
Carbazole	< 0.556 - < 0.556 µg/L	n/a*	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L
Carbon disulfide	< 0.2 - < 0.2 µg/L	n/a*	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Carbon tetrachloride	< 0.25 - < 0.6 µg/L	n/a*	< 0.5 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Chlorobenzene	< 0.2 - < 0.7 µg/L	1580 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Chloroethane	< 0.25 - < 0.7 µg/L	175000 µg/L	< 0.5 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Chloroform	< 0.2 - < 0.7 µg/L	2350 µg/L	22.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	0.599 µg/L (J)	12.9 µg/L
Chloromethane	< 0.2 - < 0.7 µg/L	1950 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Chrysene	< 0.028 - < 0.9 µg/L	n/a*	0.05 µg/L (J)	< 0.025 µg/L	< 0.025 µg/L	< 0.025 µg/L	0.202 µg/L
cis-1,2-Dichloroethene	< 0.2 - < 0.7 µg/L	4180 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
cis-1,3-Dichloropropene	< 0.2 - < 1 µg/L	46.3 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Di-n-butyl phthalate	< 0.556 - < 0.556 µg/L	4490 µg/L	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L
Di-n-octyl phthalate	< 0.278 - < 0.7 µg/L	n/a*	< 0.253 µg/L	< 0.255 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.255 µg/L
Dibenz(a,h)anthracene	< 0.028 - < 0.6 µg/L	n/a*	< 0.025 µg/L	< 0.025 µg/L	< 0.025 µg/L	< 0.025 µg/L	< 0.027 µg/L
Dibenzofuran	< 0.556 - < 1 µg/L	219 µg/L	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L
Dibromochloromethane	< 0.2 - < 1 µg/L	383 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Dibromomethane	< 0.25 - < 1 µg/L	4300 µg/L	< 0.5 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Dichlorodifluoromethane	< 0.2 - < 0.8 µg/L	37600 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Diethyl phthalate	< 0.556 - < 0.6 µg/L	307000 µg/L	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L
Dimethyl phthalate	< 0.556 - < 0.9 µg/L	540000 µg/L	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L
Ethylbenzene	< 0.2 - < 0.7 µg/L	12800 µg/L	275 µg/L	< 0.2 µg/L	< 0.2 µg/L	1.08 µg/L (J)	< 0.2 µg/L
Ethylene Glycol	315 - 315 µg/L	1840000 µg/L	< 0.265 mg/L	< 0.265 mg/L	< 0.265 mg/L	0.372 mg/L (J)	< 0.265 mg/L
Fluoranthene	< 0.014 - < 0.7 µg/L	n/a*	0.257 µg/L	< 0.013 µg/L	< 0.012 µg/L	0.322 µg/L	0.766 µg/L
Fluorene	< 0.045 - < 1 µg/L	2110 µg/L	0.189 µg/L	< 0.04 µg/L	< 0.04 µg/L	< 0.042 µg/L	0.152 µg/L
Hexachlorobenzene	< 0.556 - < 0.7 µg/L	n/a*	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L
Hexachlorobutadiene	< 0.3 - < 1 µg/L	6.9 µg/L	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L
Hexachlorocyclopentadiene	< 1 - < 1.67 µg/L	256 µg/L	< 1.52 µg/L	< 1.53 µg/L	< 1.5 µg/L	< 1.5 µg/L	< 1.53 µg/L
Hexachloroethane	< 0.556 - < 1 µg/L	n/a*	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 06, 2019[1]

Analyte	Background Range[2]	Screening Value[3]	WS017 PNTX1206X017 Pending Validation
Bis(2-Chloroisopropyl)ether	< 0.556 - < 1 µg/L	181 µg/L	< 0.51 µg/L
Bis(2-Ethylhexyl)phthalate	< 0.278 - < 1 µg/L	n/a*	< 0.255 µg/L
Bromobenzene	< 0.2 - < 0.2 µg/L	4200 µg/L	< 0.2 µg/L
Bromochloromethane	< 0.2 - < 11 µg/L	26800 µg/L	< 0.2 µg/L
Bromodichloromethane	< 0.2 - < 1 µg/L	477 µg/L	1.16 µg/L (J)
Bromoform	< 0.25 - < 0.25 µg/L	4300 µg/L	< 0.25 µg/L
Bromomethane	< 0.5 - < 2 µg/L	902 µg/L	< 0.5 µg/L
Butyl benzyl phthalate	< 0.278 - < 0.8 µg/L	7880 µg/L	< 0.255 µg/L
C6-C12	< 107 - < 107 µg/L	n/a*	< 104 µg/L
Carbazole	< 0.556 - < 0.556 µg/L	n/a*	< 0.51 µg/L
Carbon disulfide	< 0.2 - < 0.2 µg/L	n/a*	< 0.2 µg/L
Carbon tetrachloride	< 0.25 - < 0.6 µg/L	n/a*	< 0.25 µg/L
Chlorobenzene	< 0.2 - < 0.7 µg/L	1580 µg/L	< 0.2 µg/L
Chloroethane	< 0.25 - < 0.7 µg/L	175000 µg/L	< 0.25 µg/L
Chloroform	< 0.2 - < 0.7 µg/L	2350 µg/L	17.7 µg/L
Chloromethane	< 0.2 - < 0.7 µg/L	1950 µg/L	< 0.2 µg/L
Chrysene	< 0.028 - < 0.9 µg/L	n/a*	0.025 µg/L (J)
cis-1,2-Dichloroethene	< 0.2 - < 0.7 µg/L	4180 µg/L	< 0.2 µg/L
cis-1,3-Dichloropropene	< 0.2 - < 1 µg/L	46.3 µg/L	< 0.2 µg/L
Di-n-butyl phthalate	< 0.556 - < 0.556 µg/L	4490 µg/L	< 0.51 µg/L
Di-n-octyl phthalate	< 0.278 - < 0.7 µg/L	n/a*	< 0.255 µg/L
Dibenz(a,h)anthracene	< 0.028 - < 0.6 µg/L	n/a*	< 0.025 µg/L
Dibenzofuran	< 0.556 - < 1 µg/L	219 µg/L	< 0.51 µg/L
Dibromochloromethane	< 0.2 - < 1 µg/L	383 µg/L	< 0.2 µg/L
Dibromomethane	< 0.25 - < 1 µg/L	4300 µg/L	< 0.25 µg/L
Dichlorodifluoromethane	< 0.2 - < 0.8 µg/L	37600 µg/L	< 0.2 µg/L
Diethyl phthalate	< 0.556 - < 0.6 µg/L	307000 µg/L	< 0.51 µg/L
Dimethyl phthalate	< 0.556 - < 0.9 µg/L	540000 µg/L	< 0.51 µg/L
Ethylbenzene	< 0.2 - < 0.7 µg/L	12800 µg/L	< 0.2 µg/L
Ethylene Glycol	315 - 315 µg/L	1840000 µg/L	< 0.265 mg/L
Fluoranthene	< 0.014 - < 0.7 µg/L	n/a*	< 0.013 µg/L
Fluorene	< 0.045 - < 1 µg/L	2110 µg/L	< 0.04 µg/L
Hexachlorobenzene	< 0.556 - < 0.7 µg/L	n/a*	< 0.51 µg/L
Hexachlorobutadiene	< 0.3 - < 1 µg/L	6.9 µg/L	< 0.51 µg/L
Hexachlorocyclopentadiene	< 1 - < 1.67 µg/L	256 µg/L	< 1.52 µg/L
Hexachloroethane	< 0.556 - < 1 µg/L	n/a*	< 0.51 µg/L

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

South 4 Group Fire

Analytical Water Screening Values - December 06, 2019[1]

			WS001		WS002		WS003
			PNTX1206X001A	PNTX1206X001B	PNTX1206X002A	PNTX1206X002B	PNTX1206X003A
Analyte	Background Range[2]	Screening Value[3]	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
Indeno(1,2,3-cd)pyrene	< 0.014 - < 0.5 µg/L	n/a*	< 0.013 µg/L	< 0.012 µg/L	< 0.013 µg/L	< 0.013 µg/L	0.046 µg/L (J)
Isophorone	< 0.5 - < 0.556 µg/L	10400 µg/L	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L
Isopropylbenzene (Cumene)	< 0.2 - < 0.6 µg/L	8440 µg/L	< 0.2 µg/L	0.79 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
m,p-Cresol	< 0.278 - < 0.278 µg/L	n/a*	< 0.284 µg/L	< 0.263 µg/L	< 0.255 µg/L	< 0.255 µg/L	< 0.284 µg/L
m,p-Xylene	< 0.2 - < 0.2 µg/L	n/a*	0.286 µg/L (J)	1.35 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L	0.438 µg/L (J)
Methyl iodide	< 0.5 - < 0.5 µg/L	870 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
Methylene chloride	< 0.2 - < 1 µg/L	3370 µg/L	0.603 µg/L (J)	0.735 µg/L (J)	0.889 µg/L (J)	0.882 µg/L (J)	1.46 µg/L (J)
n-Butylbenzene	< 0.2 - < 0.7 µg/L	1200 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
n-Nitrosodi-n-propylamine	< 0.556 - < 1 µg/L	1.98 µg/L	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L
n-Nitrosodimethylamine	< 0.5 - < 0.556 µg/L	0.962 µg/L	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L
n-Nitrosodiphenylamine	< 0.556 - < 0.8 µg/L	421 µg/L	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L
n-Propylbenzene	< 0.6 - < 1 µg/L	2350 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L
Naphthalene	< 0.014 - < 2 µg/L	2550 µg/L	0.07 µg/L (J)	NA	0.561 µg/L	0.322 µg/L	0.257 µg/L
Nitrobenzene	< 0.556 - < 1 µg/L	248 µg/L	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L
o-Cresol	< 0.556 - < 0.8 µg/L	18600 µg/L	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L
o-Xylene	< 0.2 - < 0.2 µg/L	227000 µg/L	< 0.2 µg/L	0.731 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Oil and Grease	< 1600 - < 1600 µg/L	n/a*	< 1.6 mg/L	< 1.6 mg/L	< 1.6 mg/L	2 mg/L (J)	3.2 mg/L (J)
Pentachlorophenol	< 0.556 - < 0.6 µg/L	9.92 µg/L	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L
PFHxS	< 1.64 - < 1.64 ng/L	n/a*	40.4 ng/L	15.4 ng/L	70.9 ng/L	70.4 ng/L	85.3 ng/L
PFOA	< 1.8 - < 1.8 ng/L	n/a*	11.5 ng/L	3.53 ng/L (J)	17.6 ng/L	15.6 ng/L	13.7 ng/L
PFOS	1.8 - 1.8 ng/L	n/a*	165 ng/L (J)	43.7 ng/L	167 ng/L	200 ng/L	151 ng/L
Phenanthrene	< 0.014 - < 0.5 µg/L	1070 µg/L	0.115 µg/L	4.32 µg/L	< 0.013 µg/L	< 0.013 µg/L	0.459 µg/L
Phenol	< 0.5 - < 0.556 µg/L	160000 µg/L	< 0.568 µg/L	< 0.526 µg/L	< 0.51 µg/L	< 0.51 µg/L	< 0.568 µg/L
Pyrene	< 0.028 - < 0.8 µg/L	n/a*	0.077 µg/L (J)	0.631 µg/L	< 0.026 µg/L	< 0.026 µg/L	0.297 µg/L
Pyridine	< 0.5 - < 1.67 µg/L	717 µg/L	< 1.7 µg/L	< 1.58 µg/L	< 1.53 µg/L	< 1.52 µg/L	< 1.7 µg/L
sec-Butylbenzene	< 0.2 - < 0.5 µg/L	1580 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Styrene	< 0.2 - < 0.8 µg/L	29800 µg/L	< 0.2 µg/L	0.209 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
tert-Butyl methyl ether (MTBE)	< 0.2 - < 0.2 µg/L	5470 µg/L	8.13 µg/L	3.23 µg/L (J)	12.1 µg/L	11.3 µg/L	15.5 µg/L
tert-Butylbenzene	< 0.2 - < 0.5 µg/L	1400 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Tetrachloroethene	< 0.2 - < 0.6 µg/L	148 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Toluene	< 0.2 - < 0.7 µg/L	16500 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Total Organic Carbon	8830 - 8830 µg/L	n/a*	22.5 mg/L	13.9 mg/L	31.9 mg/L	30.5 mg/L	39.9 mg/L
Total TPH (C6-C35)	< 107 - < 107 µg/L	n/a*	< 109 µg/L	< 106 µg/L	< 106 µg/L	< 103 µg/L	< 106 µg/L
trans-1,2-Dichloroethene	< 0.2 - < 0.6 µg/L	6950 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
trans-1,3-Dichloropropene	< 0.2 - < 1 µg/L	250 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
trans-1,4-Dichloro-2-butene	< 0.5 - < 0.5 µg/L	n/a*	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 06, 2019[1]

			WS003	WS004		WS006	
			PNTX1206X003B	PNTX1206X004A	PNTX1206X004B	PNTX1206X006A	PNTX1206X006B
Analyte	Background Range[2]	Screening Value[3]	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
Indeno(1,2,3-cd)pyrene	< 0.014 - < 0.5 µg/L	n/a*	0.069 µg/L (J)	< 0.014 µg/L	0.03 µg/L (J)	< 0.013 µg/L	< 0.013 µg/L
Isophorone	< 0.5 - < 0.556 µg/L	10400 µg/L	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L
Isopropylbenzene (Cumene)	< 0.2 - < 0.6 µg/L	8440 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
m,p-Cresol	< 0.278 - < 0.278 µg/L	n/a*	< 0.26 µg/L	< 0.266 µg/L	< 0.26 µg/L	< 0.255 µg/L	< 0.26 µg/L
m,p-Xylene	< 0.2 - < 0.2 µg/L	n/a*	< 0.2 µg/L	< 0.2 µg/L	0.786 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L
Methyl iodide	< 0.5 - < 0.5 µg/L	870 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
Methylene chloride	< 0.2 - < 1 µg/L	3370 µg/L	1.82 µg/L (J)	1.35 µg/L (J)	1.19 µg/L (J)	1.23 µg/L (J)	0.722 µg/L (J)
n-Butylbenzene	< 0.2 - < 0.7 µg/L	1200 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
n-Nitrosodi-n-propylamine	< 0.556 - < 1 µg/L	1.98 µg/L	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L
n-Nitrosodimethylamine	< 0.5 - < 0.556 µg/L	0.962 µg/L	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L
n-Nitrosodiphenylamine	< 0.556 - < 0.8 µg/L	421 µg/L	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L
n-Propylbenzene	< 0.6 - < 1 µg/L	2350 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L
Naphthalene	< 0.014 - < 2 µg/L	2550 µg/L	0.546 µg/L	0.291 µg/L	0.689 µg/L	0.176 µg/L	0.077 µg/L (J)
Nitrobenzene	< 0.556 - < 1 µg/L	248 µg/L	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L
o-Cresol	< 0.556 - < 0.8 µg/L	18500 µg/L	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L
o-Xylene	< 0.2 - < 0.2 µg/L	227000 µg/L	< 0.2 µg/L	< 0.2 µg/L	0.345 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L
Oil and Grease	< 1600 - < 1600 µg/L	n/a*	4.1 mg/L (J)	3.9 mg/L (J)	2.7 mg/L (J)	14.9 mg/L	3.2 mg/L (J)
Pentachlorophenol	< 0.556 - < 0.6 µg/L	9.92 µg/L	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L
PFHxS	< 1.64 - < 1.64 ng/L	n/a*	49 ng/L	71.9 ng/L	82.1 ng/L	27.1 ng/L	26.7 ng/L
PFOA	< 1.8 - < 1.8 ng/L	n/a*	15 ng/L	13.8 ng/L	20.5 ng/L	15 ng/L	15 ng/L
PFOS	1.8 - 1.8 ng/L	n/a*	96.4 ng/L	115 ng/L	166 ng/L	81.4 ng/L	89.9 ng/L
Phenanthrene	< 0.014 - < 0.5 µg/L	1070 µg/L	0.851 µg/L	0.567 µg/L	0.612 µg/L	0.099 µg/L (J)	0.066 µg/L (J)
Phenol	< 0.5 - < 0.556 µg/L	160000 µg/L	< 0.521 µg/L	< 0.532 µg/L	< 0.521 µg/L	< 0.51 µg/L	< 0.521 µg/L
Pyrene	< 0.028 - < 0.8 µg/L	n/a*	0.61 µg/L	0.107 µg/L (J)	0.232 µg/L	0.071 µg/L (J)	0.044 µg/L (J)
Pyridine	< 0.5 - < 1.67 µg/L	717 µg/L	< 1.59 µg/L	< 1.6 µg/L	< 1.56 µg/L	< 1.52 µg/L	< 1.56 µg/L
sec-Butylbenzene	< 0.2 - < 0.5 µg/L	1580 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Styrene	< 0.2 - < 0.8 µg/L	29800 µg/L	< 0.2 µg/L	< 0.2 µg/L	0.275 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L
tert-Butyl methyl ether (MTBE)	< 0.2 - < 0.2 µg/L	5470 µg/L	12.3 µg/L	17.6 µg/L	15.7 µg/L	15.3 µg/L	15.1 µg/L
tert-Butylbenzene	< 0.2 - < 0.5 µg/L	1400 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Tetrachloroethene	< 0.2 - < 0.6 µg/L	148 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Toluene	< 0.2 - < 0.7 µg/L	16500 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Total Organic Carbon	8830 - 8830 µg/L	n/a*	41.7 mg/L	42.4 mg/L	39.1 mg/L	39.2 mg/L	41.5 mg/L
Total TPH (C6-C35)	< 107 - < 107 µg/L	n/a*	2,460 µg/L	< 106 µg/L	1,580 µg/L (J)	< 105 µg/L	3,860 µg/L
trans-1,2-Dichloroethene	< 0.2 - < 0.6 µg/L	6950 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
trans-1,3-Dichloropropene	< 0.2 - < 1 µg/L	250 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
trans-1,4-Dichloro-2-butene	< 0.5 - < 0.5 µg/L	n/a*	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 06, 2019[1]

			WS010	WS014		WS015	WS016
			PNTX1206X010	PNTX1206X014A	PNTX1206X014B	PNTX1206X015	PNTX1206X016
Analyte	Background Range[2]	Screening Value[3]	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
Indeno(1,2,3-cd)pyrene	< 0.014 - < 0.5 µg/L	n/a*	0.025 µg/L (J)	< 0.012 µg/L	< 0.013 µg/L	< 0.013 µg/L	0.117 µg/L
Isophorone	< 0.5 - < 0.556 µg/L	10400 µg/L	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L
Isopropylbenzene (Cumene)	< 0.2 - < 0.6 µg/L	8440 µg/L	0.538 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
m,p-Cresol	< 0.278 - < 0.278 µg/L	n/a*	< 0.253 µg/L	< 0.255 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.255 µg/L
m,p-Xylene	< 0.2 - < 0.2 µg/L	n/a*	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	0.893 µg/L (J)	0.784 µg/L (J)
Methyl iodide	< 0.5 - < 0.5 µg/L	870 µg/L	< 1 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
Methylene chloride	< 0.2 - < 1 µg/L	3370 µg/L	2.65 µg/L (J)	0.863 µg/L (J)	0.86 µg/L (J)	1.17 µg/L (J)	0.703 µg/L (J)
n-Butylbenzene	< 0.2 - < 0.7 µg/L	1200 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
n-Nitrosodi-n-propylamine	< 0.556 - < 1 µg/L	1.98 µg/L	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L
n-Nitrosodimethylamine	< 0.5 - < 0.556 µg/L	0.962 µg/L	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L
n-Nitrosodiphenylamine	< 0.556 - < 0.8 µg/L	421 µg/L	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L
n-Propylbenzene	< 0.6 - < 1 µg/L	2350 µg/L	< 2 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L
Naphthalene	< 0.014 - < 2 µg/L	2550 µg/L	0.63 µg/L	< 0.013 µg/L	< 0.013 µg/L	0.236 µg/L	0.297 µg/L
Nitrobenzene	< 0.556 - < 1 µg/L	248 µg/L	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L
o-Cresol	< 0.556 - < 0.8 µg/L	18500 µg/L	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L
o-Xylene	< 0.2 - < 0.2 µg/L	227000 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	0.485 µg/L (J)	< 0.2 µg/L
Oil and Grease	< 1600 - < 1600 µg/L	n/a*	3 mg/L (J)	2.6 mg/L (J)	1.5 mg/L (J)	2.6 mg/L (J)	8.4 mg/L
Pentachlorophenol	< 0.556 - < 0.6 µg/L	9.92 µg/L	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L
PFHxS	< 1.64 - < 1.64 ng/L	n/a*	22.4 ng/L	< 1.57 ng/L	< 1.64 ng/L	52 ng/L	67.2 ng/L
PFOA	< 1.8 - < 1.8 ng/L	n/a*	5.45 ng/L (J)	< 1.5 ng/L	< 1.8 ng/L	4.55 ng/L (J)	16.8 ng/L
PFOS	1.8 - 1.8 ng/L	n/a*	136 ng/L	1.72 ng/L (J)	< 1.7 ng/L	334 ng/L	1[illegible]8 ng/L
Phenanthrene	< 0.014 - < 0.5 µg/L	1070 µg/L	0.481 µg/L	< 0.012 µg/L	< 0.013 µg/L	0.357 µg/L	0.93 µg/L
Phenol	< 0.5 - < 0.556 µg/L	160000 µg/L	< 0.505 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.51 µg/L
Pyrene	< 0.028 - < 0.8 µg/L	n/a*	0.356 µg/L	< 0.025 µg/L	< 0.025 µg/L	0.25 µg/L	0.818 µg/L
Pyridine	< 0.5 - < 1.67 µg/L	717 µg/L	< 1.52 µg/L	< 1.53 µg/L	< 1.5 µg/L	< 1.5 µg/L	< 1.53 µg/L
sec-Butylbenzene	< 0.2 - < 0.5 µg/L	1580 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Styrene	< 0.2 - < 0.8 µg/L	29800 µg/L	220 µg/L	< 0.2 µg/L	< 0.2 µg/L	2.82 µg/L (J)	< 0.2 µg/L
tert-Butyl methyl ether (MTBE)	< 0.2 - < 0.2 µg/L	5470 µg/L	48 µg/L	< 0.2 µg/L	< 0.2 µg/L	16.5 µg/L	15.8 µg/L
tert-Butylbenzene	< 0.2 - < 0.5 µg/L	1400 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Tetrachloroethene	< 0.2 - < 0.6 µg/L	148 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Toluene	< 0.2 - < 0.7 µg/L	16500 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Total Organic Carbon	8830 - 8830 µg/L	n/a*	50.3 mg/L	10.6 mg/L	10.1 mg/L	67.6 mg/L	35.2 mg/L
Total TPH (C6-C35)	< 107 - < 107 µg/L	n/a*	2,330 µg/L (J)	< 107 µg/L	< 107 µg/L	1,380 µg/L (J)	4,990 µg/L
trans-1,2-Dichloroethene	< 0.2 - < 0.6 µg/L	6950 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
trans-1,3-Dichloropropene	< 0.2 - < 1 µg/L	250 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
trans-1,4-Dichloro-2-butene	< 0.5 - < 0.5 µg/L	n/a*	< 1 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 06, 2019[1]

Analyte	Background Range[2]	Screening Value[3]	WS017 PNTX1206X017 Pending Validation
Indeno(1,2,3-cd)pyrene	< 0.014 - < 0.5 µg/L	n/a*	0.038 µg/L (J)
Isophorone	< 0.5 - < 0.556 µg/L	10400 µg/L	< 0.51 µg/L
Isopropylbenzene (Cumene)	< 0.2 - < 0.6 µg/L	8440 µg/L	< 0.2 µg/L
m,p-Cresol	< 0.278 - < 0.278 µg/L	n/a*	< 0.255 µg/L
m,p-Xylene	< 0.2 - < 0.2 µg/L	n/a*	< 0.2 µg/L
Methyl iodide	< 0.5 - < 0.5 µg/L	870 µg/L	< 0.5 µg/L
Methylene chloride	< 0.2 - < 1 µg/L	3370 µg/L	1.1 µg/L (J)
n-Butylbenzene	< 0.2 - < 0.7 µg/L	1200 µg/L	< 0.2 µg/L
n-Nitrosodi-n-propylamine	< 0.556 - < 1 µg/L	1.98 µg/L	< 0.51 µg/L
n-Nitrosodimethylamine	< 0.5 - < 0.556 µg/L	0.962 µg/L	< 0.51 µg/L
n-Nitrosodiphenylamine	< 0.556 - < 0.8 µg/L	421 µg/L	< 0.51 µg/L
n-Propylbenzene	< 0.6 - < 1 µg/L	2350 µg/L	< 1 µg/L
Naphthalene	< 0.014 - < 2 µg/L	2550 µg/L	0.025 µg/L
Nitrobenzene	< 0.556 - < 1 µg/L	248 µg/L	< 0.51 µg/L
o-Cresol	< 0.556 - < 0.8 µg/L	18600 µg/L	< 0.51 µg/L
o-Xylene	< 0.2 - < 0.2 µg/L	227000 µg/L	< 0.2 µg/L
Oil and Grease	< 1600 - < 1600 µg/L	n/a*	< 1.5 mg/L
Pentachlorophenol	< 0.556 - < 0.6 µg/L	9.92 µg/L	< 0.51 µg/L
PFHxS	< 1.64 - < 1.64 ng/L	n/a*	25.6 ng/L
PFOA	< 1.8 - < 1.8 ng/L	n/a*	18.8 ng/L
PFOS	1.8 - 1.8 ng/L	n/a*	79.2 ng/L
Phenanthrene	< 0.014 - < 0.5 µg/L	1070 µg/L	< 0.013 µg/L
Phenol	< 0.5 - < 0.556 µg/L	160000 µg/L	< 0.51 µg/L
Pyrene	< 0.028 - < 0.8 µg/L	n/a*	< 0.025 µg/L
Pyridine	< 0.5 - < 1.67 µg/L	717 µg/L	< 1.52 µg/L
sec-Butylbenzene	< 0.2 - < 0.5 µg/L	1580 µg/L	< 0.2 µg/L
Styrene	< 0.2 - < 0.8 µg/L	29800 µg/L	< 0.2 µg/L
tert-Butyl methyl ether (MTBE)	< 0.2 - < 0.2 µg/L	5470 µg/L	15.2 µg/L
tert-Butylbenzene	< 0.2 - < 0.5 µg/L	1400 µg/L	< 0.2 µg/L
Tetrachloroethene	< 0.2 - < 0.6 µg/L	148 µg/L	< 0.2 µg/L
Toluene	< 0.2 - < 0.7 µg/L	16500 µg/L	< 0.2 µg/L
Total Organic Carbon	8830 - 8830 µg/L	n/a*	40.2 mg/L
Total TPH (C6-C35)	< 107 - < 107 µg/L	n/a*	< 104 µg/L
trans-1,2-Dichloroethene	< 0.2 - < 0.6 µg/L	6950 µg/L	< 0.2 µg/L
trans-1,3-Dichloropropene	< 0.2 - < 1 µg/L	250 µg/L	< 0.2 µg/L
trans-1,4-Dichloro-2-butene	< 0.5 - < 0.5 µg/L	n/a*	< 0.5 µg/L

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

South 4 Group Fire

Analytical Water Screening Values - December 06, 2019[1]

			WS001		WS002		WS003
			PNTX1206X001A	PNTX1206X001B	PNTX1206X002A	PNTX1206X002B	PNTX1206X003A
Analyte	**Background Range[2]**	**Screening Value[3]**	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
Trichloroethene	< 0.2 - < 0.7 µg/L	1010 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Trichlorofluoromethane	< 0.2 - < 0.2 µg/L	43300 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Trichlorotrifluoroethane	< 0.2 - < 0.2 µg/L	6040000 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Vinyl acetate	< 0.2 - < 0.2 µg/L	748000 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Vinyl chloride	< 0.2 - < 1 µg/L	11.3 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Xylene (total)	< 0.4 - < 1 µg/L	24000 µg/L	< 0.4 µg/L	2.09 µg/L (J)	< 0.4 µg/L	< 0.4 µg/L	0.438 µg/L (J)

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 06, 2019[1]

			WS003	WS004		WS006	
			PNTX1206X003B	PNTX1206X004A	PNTX1206X004B	PNTX1206X006A	PNTX1206X006B
Analyte	**Background Range[2]**	**Screening Value[3]**	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
Trichloroethene	< 0.2 - < 0.7 µg/L	1010 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Trichlorofluoromethane	< 0.2 - < 0.2 µg/L	43300 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Trichlorotrifluoroethane	< 0.2 - < 0.2 µg/L	6040000 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Vinyl acetate	< 0.2 - < 0.2 µg/L	748000 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Vinyl chloride	< 0.2 - < 1 µg/L	11.3 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Xylene (total)	< 0.4 - < 1 µg/L	24000 µg/L	< 0.4 µg/L	< 0.4 µg/L	1.13 µg/L (J)	< 0.4 µg/L	< 0.4 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 06, 2019[1]

Analyte	Background Range[2]	Screening Value[3]	WS010	WS014		WS015	WS016
			PNTX1206X010	PNTX1206X014A	PNTX1206X014B	PNTX1206X015	PNTX1206X016
			Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
Trichloroethene	< 0.2 - < 0.7 µg/L	1010 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Trichlorofluoromethane	< 0.2 - < 0.2 µg/L	43300 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Trichlorotrifluoroethane	< 0.2 - < 0.2 µg/L	6040000 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Vinyl acetate	< 0.2 - < 0.2 µg/L	748000 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Vinyl chloride	< 0.2 - < 1 µg/L	11.3 µg/L	< 0.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Xylene (total)	< 0.4 - < 1 µg/L	24000 µg/L	< 0.8 µg/L	< 0.4 µg/L	< 0.4 µg/L	1.38 µg/L (J)	0.784 µg/L (J)

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 06, 2019[1]

Analyte	Background Range[2]	Screening Value[3]	WS017 PNTX1206X017 Pending Validation
Trichloroethene	< 0.2 - < 0.7 µg/L	1010 µg/L	< 0.2 µg/L
Trichlorofluoromethane	< 0.2 - < 0.2 µg/L	43300 µg/L	< 0.2 µg/L
Trichlorotrifluoroethane	< 0.2 - < 0.2 µg/L	6040000 µg/L	< 0.2 µg/L
Vinyl acetate	< 0.2 - < 0.2 µg/L	748000 µg/L	< 0.2 µg/L
Vinyl chloride	< 0.2 - < 1 µg/L	11.3 µg/L	< 0.2 µg/L
Xylene (total)	< 0.4 - < 1 µg/L	24000 µg/L	< 0.4 µg/L

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

South 4 Group Fire

Analytical Water Screening Values - December 07, 2019[1]

Analyte	Background Range[2]	Screening Value[3]	WS001		WS002		WS003
			PNTX1207X001A	PNTX1207X001B	PNTX1207X002A	PNTX1207X002B	PNTX1207V003B
			Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
1-Methylnaphthalene	< 0.045 - < 0.045 µg/L	4800 µg/L	0.061 µg/L (J)	0.192 µg/L	< 0.041 µg/L	0.105 µg/L	0.371 µg/L
1,1-Dichloroethane	< 0.2 - < 0.9 µg/L	45800 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1-Dichloroethene	< 0.2 - < 1 µg/L	16600 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1-Dichloropropene	< 0.2 - < 0.8 µg/L	62.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,1-Trichloroethane	< 0.2 - < 0.8 µg/L	47200 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,1,2-Tetrachloroethane	< 0.2 - < 0.9 µg/L	312 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,2-Trichloroethane	< 0.2 - < 1 µg/L	325 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,2,2-Tetrachloroethane	< 0.2 - < 0.9 µg/L	93.8 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dibromo-3-chloropropane	< 0.2 - < 1 µg/L	11.3 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dibromoethane	< 0.2 - < 1 µg/L	0.283 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dichlorobenzene	< 0.2 - < 1 µg/L	11300 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L
1,2-Dichloroethane	< 0.2 - < 1 µg/L	196 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dichloroethene(Total)	< 0.4 - < 0.4 µg/L	n/a*	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L
1,2-Dichloropropane	< 0.2 - < 0.9 µg/L	186 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2,3-Trichloropropane	< 0.2 - < 0.9 µg/L	1.71 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2,4-Trichlorobenzene	< 0.2 - < 1 µg/L	650 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L
1,2,4-Trimethylbenzene	< 0.2 - < 0.8 µg/L	3260 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	0.268 µg/L (J)
1,2Diphenylhydrazine/Azobenzen	< 0.556 - < 0.556 µg/L	9.57 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L
1,3-Butadiene	< 0.5 - < 0.8 µg/L	n/a*	3.03 µg/L (J)	1.9 µg/L (J)	1.91 µg/L (J)	1.29 µg/L (J)	0.71 µg/L (J)
1,3-Dichlorobenzene	< 0.2 - < 1 µg/L	3780 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L
1,3-Dichloropropane	< 0.2 - < 1 µg/L	129 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,3,5-Trimethylbenzene	< 0.2 - < 0.6 µg/L	3050 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,4-Dichlorobenzene	< 0.2 - < 1 µg/L	186 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L
2-Butanone	< 0.2 - < 0.2 µg/L	491000 µg/L	1.49 µg/L (J)	1.16 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L	2.35 µg/L (J)
2-Chloroethylvinyl ether	< 1 - < 1 µg/L	16.2 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L
2-Chloronaphthalene	< 0.556 - < 1 µg/L	5480 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L
2-Chlorophenol	< 0.556 - < 1 µg/L	1930 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L
2-Chlorotoluene	< 0.2 - < 0.6 µg/L	2420 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
2-Hexanone	< 0.5 - < 0.5 µg/L	32400 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
2-Methylnaphthalene	< 0.045 - < 1 µg/L	276 µg/L	< 0.04 µg/L	< 0.04 µg/L	< 0.041 µg/L	< 0.04 µg/L	0.259 µg/L
2-Nitroaniline	< 0.556 - < 0.7 µg/L	136 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L
2-Nitrophenol	< 0.556 - < 0.9 µg/L	686 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L
2,2-Dichloropropane	< 0.2 - < 0.7 µg/L	163 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
2,4-Dichlorophenol	< 0.556 - < 0.7 µg/L	739 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L
2,4-Dimethylphenol	< 0.556 - < 1 µg/L	4740 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L
2,4-Dinitrophenol	< 0.8 - < 1.67 µg/L	1270 µg/L	< 1.5 µg/L	< 1.53 µg/L	< 1.5 µg/L	< 1.53 µg/L	< 1.56 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 07, 2019[1]

			WS003		WS004		WS006
			PNTX1207X003A	PNTX1207X003B	PNTX1207X004A	PNTX1207X004B	PNTX1207X006A
Analyte	Background Range[2]	Screening Value[3]	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
1-Methylnaphthalene	< 0.045 - < 0.045 µg/L	4800 µg/L	< 0.04 µg/L	0.361 µg/L	< 0.04 µg/L	0.371 µg/L	< 0.042 µg/L
1,1-Dichloroethane	< 0.2 - < 0.9 µg/L	45800 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1-Dichloroethene	< 0.2 - < 1 µg/L	16600 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1-Dichloropropene	< 0.2 - < 0.8 µg/L	62.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,1-Trichloroethane	< 0.2 - < 0.8 µg/L	47200 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,1,2-Tetrachloroethane	< 0.2 - < 0.9 µg/L	312 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,2-Trichloroethane	< 0.2 - < 1 µg/L	325 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,2,2-Tetrachloroethane	< 0.2 - < 0.9 µg/L	93.8 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dibromo-3-chloropropane	< 0.2 - < 1 µg/L	11.3 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dibromoethane	< 0.2 - < 1 µg/L	0.283 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dichlorobenzene	< 0.2 - < 1 µg/L	11300 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L
1,2-Dichloroethane	< 0.2 - < 1 µg/L	196 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dichloroethene(Total)	< 0.4 - < 0.4 µg/L	n/a*	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L
1,2-Dichloropropane	< 0.2 - < 0.9 µg/L	186 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2,3-Trichloropropane	< 0.2 - < 0.9 µg/L	1.71 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2,4-Trichlorobenzene	< 0.2 - < 1 µg/L	650 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L
1,2,4-Trimethylbenzene	< 0.2 - < 0.8 µg/L	3260 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	0.374 µg/L (J)	< 0.2 µg/L
1,2Diphenylhydrazine/Azobenzen	< 0.556 - < 0.556 µg/L	9.57 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L
1,3-Butadiene	< 0.5 - < 0.8 µg/L	n/a*	< 0.5 µg/L	< 0.5 µg/L	0.884 µg/L (J)	1.18 µg/L (J)	< 0.5 µg/L
1,3-Dichlorobenzene	< 0.2 - < 1 µg/L	3780 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L
1,3-Dichloropropane	< 0.2 - < 1 µg/L	129 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,3,5-Trimethylbenzene	< 0.2 - < 0.6 µg/L	3050 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,4-Dichlorobenzene	< 0.2 - < 1 µg/L	186 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L
2-Butanone	< 0.2 - < 0.2 µg/L	491000 µg/L	2.42 µg/L (J)	2.21 µg/L (J)	< 0.2 µg/L	2.52 µg/L (J)	2.69 µg/L (J)
2-Chloroethylvinyl ether	< 1 - < 1 µg/L	16.2 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L
2-Chloronaphthalene	< 0.556 - < 1 µg/L	5480 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L
2-Chlorophenol	< 0.556 - < 1 µg/L	1930 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L
2-Chlorotoluene	< 0.2 - < 0.6 µg/L	2420 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
2-Hexanone	< 0.5 - < 0.5 µg/L	32400 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
2-Methylnaphthalene	< 0.045 - < 1 µg/L	276 µg/L	< 0.04 µg/L	0.232 µg/L	< 0.04 µg/L	0.262 µg/L	< 0.043 µg/L
2-Nitroaniline	< 0.556 - < 0.7 µg/L	136 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L
2-Nitrophenol	< 0.556 - < 0.9 µg/L	686 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L
2,2-Dichloropropane	< 0.2 - < 0.7 µg/L	163 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
2,4-Dichlorophenol	< 0.556 - < 0.7 µg/L	739 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L
2,4-Dimethylphenol	< 0.556 - < 1 µg/L	4740 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L
2,4-Dinitrophenol	< 0.8 - < 1.67 µg/L	1270 µg/L	< 1.69 µg/L	< 1.5 µg/L	< 1.69 µg/L	< 1.5 µg/L	< 1.69 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 07, 2019[1]

			WS006	WS014		WS015	
			PNTX1207X006B	PNTX1207X014A	PNTX1207X014B	PNTX1207X015A	PNTX1207X015B
Analyte	Background Range[2]	Screening Value[3]	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
1-Methylnaphthalene	< 0.045 - < 0.045 µg/L	4800 µg/L	0.765 µg/L	< 0.042 µg/L	< 0.04 µg/L	0.137 µg/L	0.263 µg/L
1,1-Dichloroethane	< 0.2 - < 0.9 µg/L	45800 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1-Dichloroethene	< 0.2 - < 1 µg/L	16600 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1-Dichloropropene	< 0.2 - < 0.8 µg/L	62.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,1-Trichloroethane	< 0.2 - < 0.8 µg/L	47200 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,1,2-Tetrachloroethane	< 0.2 - < 0.9 µg/L	312 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,2-Trichloroethane	< 0.2 - < 1 µg/L	325 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,1,2,2-Tetrachloroethane	< 0.2 - < 0.9 µg/L	93.8 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dibromo-3-chloropropane	< 0.2 - < 1 µg/L	11.3 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dibromoethane	< 0.2 - < 1 µg/L	0.283 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dichlorobenzene	< 0.2 - < 1 µg/L	11300 µg/L	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L
1,2-Dichloroethane	< 0.2 - < 1 µg/L	196 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2-Dichloroethene(Total)	< 0.4 - < 0.4 µg/L	n/a*	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L
1,2-Dichloropropane	< 0.2 - < 0.9 µg/L	186 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2,3-Trichloropropane	< 0.2 - < 0.9 µg/L	1.71 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2,4-Trichlorobenzene	< 0.2 - < 1 µg/L	650 µg/L	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L
1,2,4-Trimethylbenzene	< 0.2 - < 0.8 µg/L	3260 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,2Diphenylhydrazine/Azobenzen	< 0.556 - < 0.556 µg/L	9.57 µg/L	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L
1,3-Butadiene	< 0.5 - < 0.8 µg/L	n/a*	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	145 µg/L	129 µg/L
1,3-Dichlorobenzene	< 0.2 - < 1 µg/L	3780 µg/L	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L
1,3-Dichloropropane	< 0.2 - < 1 µg/L	129 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,3,5-Trimethylbenzene	< 0.2 - < 0.6 µg/L	3050 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
1,4-Dichlorobenzene	< 0.2 - < 1 µg/L	186 µg/L	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L
2-Butanone	< 0.2 - < 0.2 µg/L	491000 µg/L	3.7 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L	6.43 µg/L	7.85 µg/L
2-Chloroethylvinyl ether	< 1 - < 1 µg/L	16.2 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L
2-Chloronaphthalene	< 0.556 - < 1 µg/L	5480 µg/L	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L
2-Chlorophenol	< 0.556 - < 1 µg/L	1930 µg/L	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L
2-Chlorotoluene	< 0.2 - < 0.6 µg/L	2420 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
2-Hexanone	< 0.5 - < 0.5 µg/L	32400 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
2-Methylnaphthalene	< 0.045 - < 1 µg/L	276 µg/L	0.29 µg/L	< 0.042 µg/L	< 0.04 µg/L	0.125 µg/L	0.263 µg/L
2-Nitroaniline	< 0.556 - < 0.7 µg/L	136 µg/L	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L
2-Nitrophenol	< 0.556 - < 0.9 µg/L	686 µg/L	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L
2,2-Dichloropropane	< 0.2 - < 0.7 µg/L	163 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
2,4-Dichlorophenol	< 0.556 - < 0.7 µg/L	739 µg/L	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L
2,4-Dimethylphenol	< 0.556 - < 1 µg/L	4740 µg/L	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L
2,4-Dinitrophenol	< 0.8 - < 1.67 µg/L	1270 µg/L	< 1.52 µg/L	< 1.76 µg/L	< 1.56 µg/L	< 1.56 µg/L	< 1.5 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 07, 2019[1]

Analyte	Background Range[2]	Screening Value[3]	WS017 PNTX1207X017 Pending Validation
1-Methylnaphthalene	< 0.045 - < 0.045 µg/L	4800 µg/L	< 0.04 µg/L
1,1-Dichloroethane	< 0.2 - < 0.9 µg/L	45800 µg/L	< 0.2 µg/L
1,1-Dichloroethene	< 0.2 - < 1 µg/L	16600 µg/L	< 0.2 µg/L
1,1-Dichloropropene	< 0.2 - < 0.8 µg/L	62.2 µg/L	< 0.2 µg/L
1,1,1-Trichloroethane	< 0.2 - < 0.8 µg/L	47200 µg/L	< 0.2 µg/L
1,1,1,2-Tetrachloroethane	< 0.2 - < 0.9 µg/L	312 µg/L	< 0.2 µg/L
1,1,2-Trichloroethane	< 0.2 - < 1 µg/L	325 µg/L	< 0.2 µg/L
1,1,2,2-Tetrachloroethane	< 0.2 - < 0.9 µg/L	93.8 µg/L	< 0.2 µg/L
1,2-Dibromo-3-chloropropane	< 0.2 - < 1 µg/L	11.3 µg/L	< 0.2 µg/L
1,2-Dibromoethane	< 0.2 - < 1 µg/L	0.283 µg/L	< 0.2 µg/L
1,2-Dichlorobenzene	< 0.2 - < 1 µg/L	11300 µg/L	< 0.521 µg/L
1,2-Dichloroethane	< 0.2 - < 1 µg/L	196 µg/L	< 0.2 µg/L
1,2-Dichloroethene(Total)	< 0.4 - < 0.4 µg/L	n/a*	< 0.4 µg/L
1,2-Dichloropropane	< 0.2 - < 0.9 µg/L	186 µg/L	< 0.2 µg/L
1,2,3-Trichloropropane	< 0.2 - < 0.9 µg/L	1.71 µg/L	< 0.2 µg/L
1,2,4-Trichlorobenzene	< 0.2 - < 1 µg/L	650 µg/L	< 0.521 µg/L
1,2,4-Trimethylbenzene	< 0.2 - < 0.8 µg/L	3260 µg/L	< 0.2 µg/L
1,2Diphenylhydrazine/Azobenzen	< 0.556 - < 0.556 µg/L	9.57 µg/L	< 0.521 µg/L
1,3-Butadiene	< 0.5 - < 0.8 µg/L	n/a*	0.685 µg/L (J)
1,3-Dichlorobenzene	< 0.2 - < 1 µg/L	3780 µg/L	< 0.521 µg/L
1,3-Dichloropropane	< 0.2 - < 1 µg/L	129 µg/L	< 0.2 µg/L
1,3,5-Trimethylbenzene	< 0.2 - < 0.6 µg/L	3050 µg/L	< 0.2 µg/L
1,4-Dichlorobenzene	< 0.2 - < 1 µg/L	186 µg/L	< 0.521 µg/L
2-Butanone	< 0.2 - < 0.2 µg/L	491000 µg/L	1.75 µg/L (J)
2-Chloroethylvinyl ether	< 1 - < 1 µg/L	16.2 µg/L	< 1 µg/L
2-Chloronaphthalene	< 0.556 - < 1 µg/L	5480 µg/L	< 0.521 µg/L
2-Chlorophenol	< 0.556 - < 1 µg/L	1930 µg/L	< 0.521 µg/L
2-Chlorotoluene	< 0.2 - < 0.6 µg/L	2420 µg/L	< 0.2 µg/L
2-Hexanone	< 0.5 - < 0.5 µg/L	32400 µg/L	< 0.5 µg/L
2-Methylnaphthalene	< 0.045 - < 1 µg/L	276 µg/L	< 0.04 µg/L
2-Nitroaniline	< 0.556 - < 0.7 µg/L	136 µg/L	< 0.521 µg/L
2-Nitrophenol	< 0.556 - < 0.9 µg/L	686 µg/L	< 0.521 µg/L
2,2-Dichloropropane	< 0.2 - < 0.7 µg/L	163 µg/L	< 0.2 µg/L
2,4-Dichlorophenol	< 0.556 - < 0.7 µg/L	739 µg/L	< 0.521 µg/L
2,4-Dimethylphenol	< 0.556 - < 1 µg/L	4740 µg/L	< 0.521 µg/L
2,4-Dinitrophenol	< 0.8 - < 1.67 µg/L	1270 µg/L	< 1.56 µg/L

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

South 4 Group Fire

Analytical Water Screening Values - December 07, 2019[1]

			WS001		WS002		WS003
			PNTX1207X001A	PNTX1207X001B	PNTX1207X002A	PNTX1207X002B	PNTX1207V003B
Analyte	Background Range[2]	Screening Value[3]	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
2,4-Dinitrotoluene	< 0.556 - < 0.8 µg/L	30 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L
2,4,5-Trichlorophenol	< 0.556 - < 0.6 µg/L	14000 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L
2,4,6-Trichlorophenol	< 0.556 - < 0.6 µg/L	455 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L
2,6-Dinitrotoluene	< 0.556 - < 0.6 µg/L	30 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L
3-Nitroaniline	< 0.556 - < 0.8 µg/L	177 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L
3,3'-Dichlorobenzidine	< 0.556 - < 0.6 µg/L	20.7 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L
4-Bromophenyl phenyl ether	< 0.556 - < 0.8 µg/L	n/a*	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L
4-Chloro-3-methylphenol	< 0.5 - < 0.556 µg/L	870 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L
4-Chloroaniline	< 0.5 - < 0.556 µg/L	2140 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L
4-Chlorophenyl phenyl ether	< 0.556 - < 1 µg/L	n/a*	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L
4-Chlorotoluene	< 0.2 - < 0.5 µg/L	2120 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
4-Isopropyltoluene	< 0.2 - < 0.6 µg/L	3700 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
4-Methyl-2-pentanone	< 0.2 - < 0.2 µg/L	52700 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	2.8 µg/L (J)
4-Nitroaniline	< 0.8 - < 1.67 µg/L	966 µg/L	< 1.5 µg/L	< 1.53 µg/L	< 1.5 µg/L	< 1.53 µg/L	< 1.56 µg/L
4-Nitrophenol	< 0.6 - < 1.67 µg/L	1120 µg/L	< 1.5 µg/L	< 1.53 µg/L	< 1.5 µg/L	< 1.53 µg/L	< 1.56 µg/L
4,6-Dinitro-2-methylphenol	< 0.6 - < 1.67 µg/L	1100 µg/L	< 1.5 µg/L	< 1.53 µg/L	< 1.5 µg/L	< 1.53 µg/L	< 1.56 µg/L
>C12-C28	< 124 - < 124 µg/L	n/a*	< 123 µg/L	< 126 µg/L	< 125 µg/L	587 µg/L (J)	2.450 µg/L
>C28-C35	< 124 - < 124 µg/L	n/a*	< 123 µg/L	< 126 µg/L	< 125 µg/L	< 122 µg/L	< 125 µg/L
Acenaphthene	< 0.014 - < 1 µg/L	2440 µg/L	< 0.013 µg/L	0.553 µg/L	< 0.013 µg/L	0.355 µg/L	0.57 µg/L
Acenaphthylene	< 0.045 - < 1 µg/L	3260 µg/L	< 0.04 µg/L	0.095 µg/L (J)	< 0.041 µg/L	0.207 µg/L	1.36 µg/L
Acetone	1.11 - 1.11 µg/L	780000 µg/L	4.53 µg/L (J)	3.8 µg/L (J)	4.51 µg/L (J)	4.12 µg/L (J)	15.8 µg/L
Acrolein	< 2.5 - < 2.5 µg/L	426 µg/L	< 2.5 µg/L	< 2.5 µg/L	< 2.5 µg/L	< 2.5 µg/L	< 2.5 µg/L
Acrylonitrile	< 1 - < 1 µg/L	75.7 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L
Aniline	< 0.6 - < 0.833 µg/L	4690 µg/L	< 0.75 µg/L	< 0.765 µg/L	< 0.75 µg/L	< 0.765 µg/L	< 0.781 µg/L
Anthracene	< 0.045 - < 0.5 µg/L	10700 µg/L	< 0.04 µg/L	< 0.04 µg/L	< 0.041 µg/L	< 0.04 µg/L	0.112 µg/L
Benzene	< 0.2 - < 0.7 µg/L	235 µg/L	0.283 µg/L (J)	0.387 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L	0.546 µg/L (J)
Benzidine	< 1 - < 2.78 µg/L	0.158 µg/L	< 2.5 µg/L	< 2.55 µg/L	< 2.5 µg/L	< 2.55 µg/L	< 2.6 µg/L
Benzo(a)anthracene	< 0.028 - < 1 µg/L	n/a*	< 0.025 µg/L	< 0.025 µg/L	< 0.026 µg/L	< 0.025 µg/L	0.034 µg/L (J)
Benzo(a)pyrene	< 0.014 - < 0.6 µg/L	n/a*	< 0.013 µg/L	< 0.013 µg/L	< 0.013 µg/L	< 0.013 µg/L	0.031 µg/L (J)
Benzo(b)fluoranthene	< 0.014 - < 0.5 µg/L	n/a*	< 0.013 µg/L	0.021 µg/L (J)	< 0.013 µg/L	< 0.013 µg/L	0.031 µg/L (J)
Benzo(g,h,i)perylene	< 0.014 - < 0.014 µg/L	n/a*	< 0.013 µg/L	< 0.013 µg/L	< 0.013 µg/L	< 0.013 µg/L	0.031 µg/L (J)
Benzo(k)fluoranthene	< 0.028 - < 0.8 µg/L	n/a*	< 0.025 µg/L	< 0.025 µg/L	< 0.026 µg/L	< 0.025 µg/L	< 0.025 µg/L
Benzoic acid	< 0.5 - < 1.67 µg/L	1830000 µg/L	< 1.5 µg/L	< 1.53 µg/L	< 1.5 µg/L	< 1.53 µg/L	< 1.56 µg/L
Benzyl alcohol	< 0.556 - < 0.9 µg/L	210000 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L
Bis(2-Chloroethoxy)methane	< 0.556 - < 0.6 µg/L	12.3 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L
Bis(2-Chloroethyl)ether	< 0.556 - < 0.9 µg/L	25.8 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 07, 2019[1]

			WS003		WS004		WS006
			PNTX1207X003A	PNTX1207X003B	PNTX1207X004A	PNTX1207X004B	PNTX1207X006A
Analyte	Background Range[2]	Screening Value[3]	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
2,4-Dinitrotoluene	< 0.556 - < 0.8 µg/L	30 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L
2,4,5-Trichlorophenol	< 0.556 - < 0.6 µg/L	14000 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L
2,4,6-Trichlorophenol	< 0.556 - < 0.6 µg/L	455 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L
2,6-Dinitrotoluene	< 0.556 - < 0.6 µg/L	30 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L
3-Nitroaniline	< 0.556 - < 0.8 µg/L	177 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L
3,3'-Dichlorobenzidine	< 0.556 - < 0.6 µg/L	20.7 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L
4-Bromophenyl phenyl ether	< 0.556 - < 0.8 µg/L	n/a*	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L
4-Chloro-3-methylphenol	< 0.5 - < 0.556 µg/L	870 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L
4-Chloroaniline	< 0.5 - < 0.556 µg/L	2140 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L
4-Chlorophenyl phenyl ether	< 0.556 - < 1 µg/L	n/a*	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L
4-Chlorotoluene	< 0.2 - < 0.5 µg/L	2120 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
4-Isopropyltoluene	< 0.2 - < 0.6 µg/L	3700 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
4-Methyl-2-pentanone	< 0.2 - < 0.2 µg/L	52700 µg/L	< 0.2 µg/L	2.82 µg/L (J)	3.48 µg/L (J)	3.52 µg/L (J)	< 0.2 µg/L
4-Nitroaniline	< 0.8 - < 1.67 µg/L	966 µg/L	< 1.69 µg/L	< 1.5 µg/L	< 1.69 µg/L	< 1.5 µg/L	< 1.69 µg/L
4-Nitrophenol	< 0.6 - < 1.67 µg/L	1120 µg/L	< 1.69 µg/L	< 1.5 µg/L	< 1.69 µg/L	< 1.5 µg/L	< 1.69 µg/L
4,6-Dinitro-2-methylphenol	< 0.6 - < 1.67 µg/L	1100 µg/L	< 1.69 µg/L	< 1.5 µg/L	< 1.69 µg/L	< 1.5 µg/L	< 1.69 µg/L
>C12-C28	< 124 - < 124 µg/L	n/a*	817 µg/L (J)	1,530 µg/L (J)	1,540 µg/L (J)	1,130 µg/L (J)	395 µg/L (J)
>C28-C35	< 124 - < 124 µg/L	n/a*	< 123 µg/L	< 121 µg/L	< 125 µg/L	< 124 µg/L	< 124 µg/L
Acenaphthene	< 0.014 - < 1 µg/L	2440 µg/L	< 0.013 µg/L	0.498 µg/L	< 0.013 µg/L	0.487 µg/L	< 0.014 µg/L
Acenaphthylene	< 0.045 - < 1 µg/L	3260 µg/L	0.688 µg/L	1.2 µg/L	< 0.04 µg/L	1.24 µg/L	< 0.043 µg/L
Acetone	1.11 - 1.11 µg/L	780000 µg/L	18 µg/L	16.8 µg/L	14.4 µg/L	14.8 µg/L	26.6 µg/L
Acrolein	< 2.5 - < 2.5 µg/L	426 µg/L	< 2.5 µg/L	< 2.5 µg/L	< 2.5 µg/L	< 2.5 µg/L	< 2.5 µg/L
Acrylonitrile	< 1 - < 1 µg/L	75.7 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L
Aniline	< 0.6 - < 0.833 µg/L	4690 µg/L	< 0.843 µg/L	< 0.75 µg/L	< 0.843 µg/L	< 0.75 µg/L	< 0.843 µg/L
Anthracene	< 0.045 - < 0.5 µg/L	10700 µg/L	< 0.04 µg/L	0.111 µg/L	< 0.04 µg/L	0.079 µg/L (J)	< 0.043 µg/L
Benzene	< 0.2 - < 0.7 µg/L	235 µg/L	0.417 µg/L (J)	0.359 µg/L (J)	0.319 µg/L (J)	0.584 µg/L (J)	< 0.2 µg/L
Benzidine	< 1 - < 2.78 µg/L	0.158 µg/L	< 2.81 µg/L	< 2.5 µg/L	< 2.81 µg/L	< 2.5 µg/L	< 2.91 µg/L
Benzo(a)anthracene	< 0.028 - < 1 µg/L	n/a*	< 0.025 µg/L	0.04 µg/L (J)	< 0.025 µg/L	< 0.026 µg/L	< 0.027 µg/L
Benzo(a)pyrene	< 0.014 - < 0.6 µg/L	n/a*	< 0.013 µg/L	0.034 µg/L (J)	0.043 µg/L (J)	< 0.013 µg/L	< 0.014 µg/L
Benzo(b)fluoranthene	< 0.014 - < 0.5 µg/L	n/a*	< 0.013 µg/L	0.033 µg/L (J)	0.049 µg/L (J)	< 0.013 µg/L	< 0.014 µg/L
Benzo(g,h,i)perylene	< 0.014 - < 0.014 µg/L	n/a*	< 0.013 µg/L	0.038 µg/L (J)	0.039 µg/L (J)	< 0.013 µg/L	< 0.014 µg/L
Benzo(k)fluoranthene	< 0.028 - < 0.8 µg/L	n/a*	< 0.025 µg/L	< 0.025 µg/L	< 0.025 µg/L	< 0.026 µg/L	< 0.027 µg/L
Benzoic acid	< 0.5 - < 1.67 µg/L	1830000 µg/L	< 1.69 µg/L	< 1.5 µg/L	< 1.69 µg/L	< 1.5 µg/L	< 1.69 µg/L
Benzyl alcohol	< 0.556 - < 0.9 µg/L	210000 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L
Bis(2-Chloroethoxy)methane	< 0.556 - < 0.6 µg/L	12.3 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L
Bis(2-Chloroethyl)ether	< 0.556 - < 0.9 µg/L	25.8 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 07, 2019[1]

			WS006	WS014		WS015	
			PNTX1207X006B	PNTX1207X014A	PNTX1207X014B	PNTX1207X015A	PNTX1207X015B
Analyte	Background Range[2]	Screening Value[3]	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
2,4-Dinitrotoluene	< 0.556 - < 0.8 µg/L	30 µg/L	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L
2,4,5-Trichlorophenol	< 0.556 - < 0.6 µg/L	14000 µg/L	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L
2,4,6-Trichlorophenol	< 0.556 - < 0.6 µg/L	455 µg/L	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L
2,6-Dinitrotoluene	< 0.556 - < 0.6 µg/L	30 µg/L	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L
3-Nitroaniline	< 0.556 - < 0.8 µg/L	177 µg/L	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L
3,3'-Dichlorobenzidine	< 0.556 - < 0.6 µg/L	20.7 µg/L	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L
4-Bromophenyl phenyl ether	< 0.556 - < 0.8 µg/L	n/a*	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L
4-Chloro-3-methylphenol	< 0.5 - < 0.556 µg/L	870 µg/L	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L
4-Chloroaniline	< 0.5 - < 0.556 µg/L	2140 µg/L	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L
4-Chlorophenyl phenyl ether	< 0.556 - < 1 µg/L	n/a*	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L
4-Chlorotoluene	< 0.2 - < 0.5 µg/L	2120 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
4-Isopropyltoluene	< 0.2 - < 0.6 µg/L	3700 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
4-Methyl-2-pentanone	< 0.2 - < 0.2 µg/L	52700 µg/L	3 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
4-Nitroaniline	< 0.8 - < 1.67 µg/L	966 µg/L	< 1.52 µg/L	< 1.76 µg/L	< 1.56 µg/L	< 1.56 µg/L	< 1.5 µg/L
4-Nitrophenol	< 0.6 - < 1.67 µg/L	1120 µg/L	< 1.52 µg/L	< 1.76 µg/L	< 1.56 µg/L	< 1.56 µg/L	< 1.5 µg/L
4,6-Dinitro-2-methylphenol	< 0.6 - < 1.67 µg/L	1100 µg/L	< 1.52 µg/L	< 1.76 µg/L	< 1.56 µg/L	< 1.56 µg/L	< 1.5 µg/L
>C12-C28	< 124 - < 124 µg/L	n/a*	2.230 µg/L (J)	< 123 µg/L	< 126 µg/L	< 124 µg/L	< 118 µg/L
>C28-C35	< 124 - < 124 µg/L	n/a*	< 127 µg/L	< 123 µg/L	< 126 µg/L	< 124 µg/L	< 118 µg/L
Acenaphthene	< 0.014 - < 1 µg/L	2440 µg/L	1.05 µg/L	< 0.013 µg/L	< 0.013 µg/L	< 0.013 µg/L	0.056 µg/L (J)
Acenaphthylene	< 0.045 - < 1 µg/L	3260 µg/L	1.79 µg/L	< 0.042 µg/L	< 0.04 µg/L	0.354 µg/L	0.695 µg/L
Acetone	1.11 - 1.11 µg/L	780000 µg/L	25.5 µg/L	< 0.5 µg/L	1.18 µg/L (J)	7.53 µg/L	8 µg/L
Acrolein	< 2.5 - < 2.5 µg/L	426 µg/L	< 2.5 µg/L	< 2.5 µg/L	< 2.5 µg/L	< 2.5 µg/L	< 2.5 µg/L
Acrylonitrile	< 1 - < 1 µg/L	75.7 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L
Aniline	< 0.6 - < 0.833 µg/L	4690 µg/L	< 0.769 µg/L	< 0.882 µg/L	< 0.781 µg/L	< 0.781 µg/L	< 0.75 µg/L
Anthracene	< 0.045 - < 0.5 µg/L	10700 µg/L	0.058 µg/L (J)	< 0.042 µg/L	< 0.04 µg/L	< 0.042 µg/L	0.184 µg/L
Benzene	< 0.2 - < 0.7 µg/L	235 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	1.96 µg/L (J)	1.89 µg/L (J)
Benzidine	< 1 - < 2.78 µg/L	0.158 µg/L	< 2.53 µg/L	< 2.94 µg/L	< 2.6 µg/L	< 2.6 µg/L	< 2.5 µg/L
Benzo(a)anthracene	< 0.028 - < 1 µg/L	n/a*	< 0.025 µg/L	< 0.026 µg/L	< 0.025 µg/L	< 0.026 µg/L	0.105 µg/L
Benzo(a)pyrene	< 0.014 - < 0.6 µg/L	n/a*	< 0.013 µg/L	< 0.013 µg/L	< 0.013 µg/L	< 0.013 µg/L	0.088 µg/L (J)
Benzo(b)fluoranthene	< 0.014 - < 0.5 µg/L	n/a*	< 0.013 µg/L	< 0.013 µg/L	< 0.013 µg/L	< 0.013 µg/L	0.104 µg/L
Benzo(g,h,i)perylene	< 0.014 - < 0.014 µg/L	n/a*	< 0.013 µg/L	< 0.013 µg/L	< 0.012 µg/L	0.027 µg/L (J)	0.071 µg/L (J)
Benzo(k)fluoranthene	< 0.028 - < 0.8 µg/L	n/a*	< 0.026 µg/L	< 0.026 µg/L	< 0.025 µg/L	< 0.026 µg/L	0.034 µg/L (J)
Benzoic acid	< 0.5 - < 1.67 µg/L	1830000 µg/L	< 1.52 µg/L	< 1.76 µg/L	< 1.56 µg/L	< 1.56 µg/L	< 1.5 µg/L
Benzyl alcohol	< 0.556 - < 0.9 µg/L	210000 µg/L	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L
Bis(2-Chloroethoxy)methane	< 0.556 - < 0.6 µg/L	12.3 µg/L	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L
Bis(2-Chloroethyl)ether	< 0.556 - < 0.9 µg/L	25.8 µg/L	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 07, 2019[1]

Analyte	Background Range[2]	Screening Value[3]	WS017 PNTX1207X017 Pending Validation
2,4-Dinitrotoluene	< 0.556 - < 0.8 µg/L	30 µg/L	< 0.521 µg/L
2,4,5-Trichlorophenol	< 0.556 - < 0.6 µg/L	14000 µg/L	< 0.521 µg/L
2,4,6-Trichlorophenol	< 0.556 - < 0.6 µg/L	455 µg/L	< 0.521 µg/L
2,6-Dinitrotoluene	< 0.556 - < 0.6 µg/L	30 µg/L	< 0.521 µg/L
3-Nitroaniline	< 0.556 - < 0.8 µg/L	177 µg/L	< 0.521 µg/L
3,3'-Dichlorobenzidine	< 0.556 - < 0.6 µg/L	20.7 µg/L	< 0.521 µg/L
4-Bromophenyl phenyl ether	< 0.556 - < 0.8 µg/L	n/a*	< 0.521 µg/L
4-Chloro-3-methylphenol	< 0.5 - < 0.556 µg/L	870 µg/L	< 0.521 µg/L
4-Chloroaniline	< 0.5 - < 0.556 µg/L	2140 µg/L	< 0.521 µg/L
4-Chlorophenyl phenyl ether	< 0.556 - < 1 µg/L	n/a*	< 0.521 µg/L
4-Chlorotoluene	< 0.2 - < 0.5 µg/L	2120 µg/L	< 0.2 µg/L
4-Isopropyltoluene	< 0.2 - < 0.6 µg/L	3700 µg/L	< 0.2 µg/L
4-Methyl-2-pentanone	< 0.2 - < 0.2 µg/L	52700 µg/L	2.89 µg/L (J)
4-Nitroaniline	< 0.8 - < 1.67 µg/L	966 µg/L	< 1.56 µg/L
4-Nitrophenol	< 0.6 - < 1.67 µg/L	1120 µg/L	< 1.56 µg/L
4,6-Dinitro-2-methylphenol	< 0.6 - < 1.67 µg/L	1100 µg/L	< 1.56 µg/L
>C12-C28	< 124 - < 124 µg/L	n/a*	2.520 µg/L
>C28-C35	< 124 - < 124 µg/L	n/a*	< 1.13 µg/L
Acenaphthene	< 0.014 - < 1 µg/L	2440 µg/L	< 0.013 µg/L
Acenaphthylene	< 0.045 - < 1 µg/L	3260 µg/L	< 0.04 µg/L
Acetone	1.11 - 1.11 µg/L	780000 µg/L	13 µg/L
Acrolein	< 2.5 - < 2.5 µg/L	426 µg/L	< 2.5 µg/L
Acrylonitrile	< 1 - < 1 µg/L	75.7 µg/L	< 1 µg/L
Aniline	< 0.6 - < 0.833 µg/L	4690 µg/L	< 0.761 µg/L
Anthracene	< 0.045 - < 0.5 µg/L	10700 µg/L	< 0.04 µg/L
Benzene	< 0.2 - < 0.7 µg/L	235 µg/L	< 0.2 µg/L
Benzidine	< 1 - < 2.78 µg/L	0.158 µg/L	< 2.6 µg/L
Benzo(a)anthracene	< 0.028 - < 1 µg/L	n/a*	< 0.025 µg/L
Benzo(a)pyrene	< 0.014 - < 0.6 µg/L	n/a*	< 0.013 µg/L
Benzo(b)fluoranthene	< 0.014 - < 0.5 µg/L	n/a*	< 0.013 µg/L
Benzo(g,h,i)perylene	< 0.014 - < 0.014 µg/L	n/a*	< 0.013 µg/L
Benzo(k)fluoranthene	< 0.028 - < 0.8 µg/L	n/a*	< 0.025 µg/L
Benzoic acid	< 0.5 - < 1.67 µg/L	1880000 µg/L	< 1.56 µg/L
Benzyl alcohol	< 0.556 - < 0.9 µg/L	210000 µg/L	< 0.521 µg/L
Bis(2-Chloroethoxy)methane	< 0.556 - < 0.6 µg/L	12.3 µg/L	< 0.521 µg/L
Bis(2-Chloroethyl)ether	< 0.556 - < 0.9 µg/L	25.8 µg/L	< 0.521 µg/L

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

South 4 Group Fire

Analytical Water Screening Values - December 07, 2019[1]

Analyte	Background Range[2]	Screening Value[3]	WS001		WS002		WS003
			PNTX1207X001A	PNTX1207X001B	PNTX1207X002A	PNTX1207X002B	PNTX1207V003B
			Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
Bis(2-Chloroisopropyl)ether	< 0.556 - < 1 µg/L	181 µg/L	0.643 µg/L (J)	< 0.51 µg/L	0.871 µg/L (J)	< 0.51 µg/L	< 0.521 µg/L
Bis(2-Ethylhexyl)phthalate	< 0.278 - < 1 µg/L	n/a*	< 0.25 µg/L	< 0.255 µg/L	2.57 µg/L (J)	< 0.255 µg/L	< 0.26 µg/L
Bromobenzene	< 0.2 - < 0.2 µg/L	4200 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Bromochloromethane	< 0.2 - < 11 µg/L	26800 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Bromodichloromethane	< 0.2 - < 1 µg/L	477 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	0.669 µg/L (J)
Bromoform	< 0.25 - < 0.25 µg/L	4300 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Bromomethane	< 0.5 - < 2 µg/L	902 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
Butyl benzyl phthalate	< 0.278 - < 0.8 µg/L	7880 µg/L	< 0.25 µg/L	< 0.255 µg/L	< 0.25 µg/L	< 0.255 µg/L	< 0.26 µg/L
C6-C12	< 107 - < 107 µg/L	n/a*	< 106 µg/L	< 109 µg/L	< 107 µg/L	< 105 µg/L	< 107 µg/L
Carbazole	< 0.556 - < 0.556 µg/L	n/a*	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L
Carbon disulfide	< 0.2 - < 0.2 µg/L	n/a*	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Carbon tetrachloride	< 0.25 - < 0.6 µg/L	n/a*	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Chlorobenzene	< 0.2 - < 0.7 µg/L	1580 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Chloroethane	< 0.25 - < 0.7 µg/L	175000 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Chloroform	< 0.2 - < 0.7 µg/L	2350 µg/L	2.72 µg/L (J)	2.39 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L	13.3 µg/L
Chloromethane	< 0.2 - < 0.7 µg/L	1950 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Chrysene	< 0.028 - < 0.9 µg/L	n/a*	< 0.025 µg/L	0.029 µg/L (J)	< 0.026 µg/L	< 0.025 µg/L	0.032 µg/L (J)
cis-1,2-Dichloroethene	< 0.2 - < 0.7 µg/L	4180 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
cis-1,3-Dichloropropene	< 0.2 - < 1 µg/L	46.3 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Di-n-butyl phthalate	< 0.556 - < 0.556 µg/L	4490 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L
Di-n-octyl phthalate	< 0.278 - < 0.7 µg/L	n/a*	< 0.25 µg/L	< 0.255 µg/L	< 0.25 µg/L	< 0.255 µg/L	< 0.26 µg/L
Dibenz(a,h)anthracene	< 0.028 - < 0.6 µg/L	n/a*	< 0.025 µg/L	< 0.025 µg/L	< 0.026 µg/L	< 0.025 µg/L	< 0.025 µg/L
Dibenzofuran	< 0.556 - < 1 µg/L	219 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L
Dibromochloromethane	< 0.2 - < 1 µg/L	383 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Dibromomethane	< 0.25 - < 1 µg/L	4300 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Dichlorodifluoromethane	< 0.2 - < 0.8 µg/L	37600 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Diethyl phthalate	< 0.556 - < 0.6 µg/L	307000 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L
Dimethyl phthalate	< 0.556 - < 0.9 µg/L	540000 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L
Ethylbenzene	< 0.2 - < 0.7 µg/L	12800 µg/L	1.23 µg/L (J)	1.04 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Ethylene Glycol	315 - 315 µg/L	1840000 µg/L	0.329 mg/L (J)	0.556 mg/L (J)	< 0.265 mg/L	0.843 mg/L (J)	0.809 mg/L (J)
Fluoranthene	< 0.014 - < 0.7 µg/L	n/a*	< 0.013 µg/L	0.051 µg/L (J)	< 0.012 µg/L	< 0.013 µg/L	0.161 µg/L
Fluorene	< 0.045 - < 1 µg/L	2110 µg/L	< 0.04 µg/L	0.278 µg/L	< 0.041 µg/L	0.076 µg/L (J)	0.265 µg/L
Hexachlorobenzene	< 0.556 - < 0.7 µg/L	n/a*	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L
Hexachlorobutadiene	< 0.3 - < 1 µg/L	6.9 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L
Hexachlorocyclopentadiene	< 1 - < 1.67 µg/L	256 µg/L	< 1.5 µg/L	< 1.55 µg/L	< 1.5 µg/L	< 1.52 µg/L	< 1.56 µg/L
Hexachloroethane	< 0.556 - < 1 µg/L	n/a*	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 07, 2019[1]

			WS003		WS004		WS006
			PNTX1207X003A	PNTX1207X003B	PNTX1207X004A	PNTX1207X004B	PNTX1207X006A
Analyte	Background Range[2]	Screening Value[3]	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
Bis(2-Chloroisopropyl)ether	< 0.556 - < 1 µg/L	181 µg/L	1.2 µg/L (J)	< 0.5 µg/L	1.69 µg/L (J)	< 0.5 µg/L	1.24 µg/L (J)
Bis(2-Ethylhexyl)phthalate	< 0.278 - < 1 µg/L	n/a*	< 0.281 µg/L	< 0.25 µg/L	< 0.281 µg/L	< 0.25 µg/L	< 0.281 µg/L
Bromobenzene	< 0.2 - < 0.2 µg/L	4200 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Bromochloromethane	< 0.2 - < 11 µg/L	26800 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Bromodichloromethane	< 0.2 - < 1 µg/L	477 µg/L	0.724 µg/L (J)	0.728 µg/L (J)	0.833 µg/L (J)	0.95 µg/L (J)	0.93 µg/L (J)
Bromoform	< 0.25 - < 0.25 µg/L	4300 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Bromomethane	< 0.5 - < 2 µg/L	902 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
Butyl benzyl phthalate	< 0.278 - < 0.8 µg/L	7880 µg/L	< 0.281 µg/L	< 0.25 µg/L	< 0.281 µg/L	< 0.25 µg/L	< 0.281 µg/L
C6-C12	< 107 - < 107 µg/L	n/a*	< 105 µg/L	< 104 µg/L	< 108 µg/L	< 107 µg/L	< 106 µg/L
Carbazole	< 0.556 - < 0.556 µg/L	n/a*	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L
Carbon disulfide	< 0.2 - < 0.2 µg/L	n/a*	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Carbon tetrachloride	< 0.25 - < 0.6 µg/L	n/a*	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Chlorobenzene	< 0.2 - < 0.7 µg/L	1580 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Chloroethane	< 0.25 - < 0.7 µg/L	175000 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Chloroform	< 0.2 - < 0.7 µg/L	2350 µg/L	14.1 µg/L	10.7 µg/L	14.1 µg/L	13.2 µg/L	14.7 µg/L
Chloromethane	< 0.2 - < 0.7 µg/L	1950 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Chrysene	< 0.028 - < 0.9 µg/L	n/a*	< 0.025 µg/L	0.032 µg/L (J)	0.044 µg/L (J)	< 0.025 µg/L	< 0.027 µg/L
cis-1,2-Dichloroethene	< 0.2 - < 0.7 µg/L	4180 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
cis-1,3-Dichloropropene	< 0.2 - < 1 µg/L	46.3 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Di-n-butyl phthalate	< 0.556 - < 0.556 µg/L	4490 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L
Di-n-octyl phthalate	< 0.278 - < 0.7 µg/L	n/a*	< 0.281 µg/L	< 0.25 µg/L	< 0.281 µg/L	< 0.25 µg/L	< 0.281 µg/L
Dibenz(a,h)anthracene	< 0.028 - < 0.6 µg/L	n/a*	< 0.025 µg/L	< 0.025 µg/L	< 0.025 µg/L	< 0.025 µg/L	< 0.027 µg/L
Dibenzofuran	< 0.556 - < 1 µg/L	219 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L
Dibromochloromethane	< 0.2 - < 1 µg/L	383 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Dibromomethane	< 0.25 - < 1 µg/L	4300 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Dichlorodifluoromethane	< 0.2 - < 0.8 µg/L	37600 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Diethyl phthalate	< 0.556 - < 0.6 µg/L	307000 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L
Dimethyl phthalate	< 0.556 - < 0.9 µg/L	540000 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L
Ethylbenzene	< 0.2 - < 0.7 µg/L	12800 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Ethylene Glycol	315 - 315 µg/L	1840000 µg/L	0.31 mg/L (J)	0.582 mg/L (J)	< 0.265 mg/L	0.698 mg/L (J)	0.308 mg/L (J)
Fluoranthene	< 0.014 - < 0.7 µg/L	n/a*	< 0.013 µg/L	0.175 µg/L	0.171 µg/L	0.213 µg/L	< 0.014 µg/L
Fluorene	< 0.045 - < 1 µg/L	2110 µg/L	< 0.04 µg/L	0.155 µg/L	< 0.04 µg/L	0.234 µg/L	< 0.042 µg/L
Hexachlorobenzene	< 0.556 - < 0.7 µg/L	n/a*	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L
Hexachlorobutadiene	< 0.3 - < 1 µg/L	6.9 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L
Hexachlorocyclopentadiene	< 1 - < 1.67 µg/L	256 µg/L	< 1.69 µg/L	< 1.5 µg/L	< 1.69 µg/L	< 1.5 µg/L	< 1.69 µg/L
Hexachloroethane	< 0.556 - < 1 µg/L	n/a*	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 07, 2019[1]

Analyte	Background Range[2]	Screening Value[3]	WS006	WS014		WS015	
			PNTX1207X006B	PNTX1207X014A	PNTX1207X014B	PNTX1207X015A	PNTX1207X015B
			Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
Bis(2-Chloroisopropyl)ether	< 0.556 - < 1 µg/L	181 µg/L	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L
Bis(2-Ethylhexyl)phthalate	< 0.278 - < 1 µg/L	n/a*	< 0.253 µg/L	< 0.294 µg/L	< 0.26 µg/L	0.476 µg/L (J)	< 0.25 µg/L
Bromobenzene	< 0.2 - < 0.2 µg/L	4200 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Bromochloromethane	< 0.2 - < 11 µg/L	26800 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Bromodichloromethane	< 0.2 - < 1 µg/L	477 µg/L	1.12 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Bromoform	< 0.25 - < 0.25 µg/L	4300 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Bromomethane	< 0.5 - < 2 µg/L	902 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
Butyl benzyl phthalate	< 0.278 - < 0.8 µg/L	7880 µg/L	< 0.253 µg/L	< 0.294 µg/L	< 0.26 µg/L	< 0.26 µg/L	< 0.25 µg/L
C6-C12	< 107 - < 107 µg/L	n/a*	< 109 µg/L	< 106 µg/L	< 108 µg/L	< 107 µg/L	< 102 µg/L
Carbazole	< 0.556 - < 0.556 µg/L	n/a*	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L
Carbon disulfide	< 0.2 - < 0.2 µg/L	n/a*	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Carbon tetrachloride	< 0.25 - < 0.6 µg/L	n/a*	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Chlorobenzene	< 0.2 - < 0.7 µg/L	1580 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Chloroethane	< 0.25 - < 0.7 µg/L	175000 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Chloroform	< 0.2 - < 0.7 µg/L	2350 µg/L	17.4 µg/L	< 0.2 µg/L	< 0.2 µg/L	0.716 µg/L (J)	0.728 µg/L (J)
Chloromethane	< 0.2 - < 0.7 µg/L	1950 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Chrysene	< 0.028 - < 0.9 µg/L	n/a*	< 0.025 µg/L	< 0.026 µg/L	< 0.025 µg/L	0.043 µg/L (J)	0.116 µg/L
cis-1,2-Dichloroethene	< 0.2 - < 0.7 µg/L	4180 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
cis-1,3-Dichloropropene	< 0.2 - < 1 µg/L	46.3 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Di-n-butyl phthalate	< 0.556 - < 0.556 µg/L	4490 µg/L	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L
Di-n-octyl phthalate	< 0.278 - < 0.7 µg/L	n/a*	< 0.253 µg/L	< 0.294 µg/L	< 0.26 µg/L	< 0.26 µg/L	< 0.25 µg/L
Dibenz(a,h)anthracene	< 0.028 - < 0.6 µg/L	n/a*	< 0.025 µg/L	< 0.026 µg/L	< 0.025 µg/L	< 0.025 µg/L	< 0.025 µg/L
Dibenzofuran	< 0.556 - < 1 µg/L	219 µg/L	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L
Dibromochloromethane	< 0.2 - < 1 µg/L	383 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Dibromomethane	< 0.25 - < 1 µg/L	4300 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L	< 0.25 µg/L
Dichlorodifluoromethane	< 0.2 - < 0.8 µg/L	37600 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Diethyl phthalate	< 0.556 - < 0.6 µg/L	307000 µg/L	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L
Dimethyl phthalate	< 0.556 - < 0.9 µg/L	540000 µg/L	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L
Ethylbenzene	< 0.2 - < 0.7 µg/L	12800 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	1.21 µg/L (J)	1.52 µg/L (J)
Ethylene Glycol	315 - 315 µg/L	1840000 µg/L	0.505 mg/L (J)	< 0.265 mg/L	0.731 mg/L (J)	< 0.265 mg/L	0.575 mg/L (J)
Fluoranthene	< 0.014 - < 0.7 µg/L	n/a*	0.045 µg/L (J)	< 0.013 µg/L	< 0.012 µg/L	0.213 µg/L	0.49 µg/L
Fluorene	< 0.045 - < 1 µg/L	2110 µg/L	0.343 µg/L	< 0.042 µg/L	< 0.04 µg/L	0.195 µg/L	0.219 µg/L
Hexachlorobenzene	< 0.556 - < 0.7 µg/L	n/a*	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L
Hexachlorobutadiene	< 0.3 - < 1 µg/L	6.9 µg/L	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L
Hexachlorocyclopentadiene	< 1 - < 1.67 µg/L	256 µg/L	< 1.52 µg/L	< 1.76 µg/L	< 1.56 µg/L	< 1.56 µg/L	< 1.5 µg/L
Hexachloroethane	< 0.556 - < 1 µg/L	n/a*	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 07, 2019[1]

Analyte	Background Range[2]	Screening Value[3]	WS017 PNTX1207X017 Pending Validation
Bis(2-Chloroisopropyl)ether	< 0.556 - < 1 µg/L	181 µg/L	1.34 µg/L (J)
Bis(2-Ethylhexyl)phthalate	< 0.278 - < 1 µg/L	n/a*	< 0.26 µg/L
Bromobenzene	< 0.2 - < 0.2 µg/L	4200 µg/L	< 0.2 µg/L
Bromochloromethane	< 0.2 - < 11 µg/L	26800 µg/L	< 0.2 µg/L
Bromodichloromethane	< 0.2 - < 1 µg/L	477 µg/L	0.89 µg/L (J)
Bromoform	< 0.25 - < 0.25 µg/L	4300 µg/L	< 0.25 µg/L
Bromomethane	< 0.5 - < 2 µg/L	902 µg/L	< 0.5 µg/L
Butyl benzyl phthalate	< 0.278 - < 0.8 µg/L	7880 µg/L	< 0.26 µg/L
C6-C12	< 107 - < 107 µg/L	n/a*	< 103 µg/L
Carbazole	< 0.556 - < 0.556 µg/L	n/a*	< 0.521 µg/L
Carbon disulfide	< 0.2 - < 0.2 µg/L	n/a*	< 0.2 µg/L
Carbon tetrachloride	< 0.25 - < 0.6 µg/L	n/a*	< 0.25 µg/L
Chlorobenzene	< 0.2 - < 0.7 µg/L	1580 µg/L	< 0.2 µg/L
Chloroethane	< 0.25 - < 0.7 µg/L	175000 µg/L	< 0.25 µg/L
Chloroform	< 0.2 - < 0.7 µg/L	2350 µg/L	17 µg/L
Chloromethane	< 0.2 - < 0.7 µg/L	1950 µg/L	< 0.2 µg/L
Chrysene	< 0.028 - < 0.9 µg/L	n/a*	< 0.025 µg/L
cis-1,2-Dichloroethene	< 0.2 - < 0.7 µg/L	4180 µg/L	< 0.2 µg/L
cis-1,3-Dichloropropene	< 0.2 - < 1 µg/L	46.3 µg/L	< 0.2 µg/L
Di-n-butyl phthalate	< 0.556 - < 0.556 µg/L	4490 µg/L	< 0.521 µg/L
Di-n-octyl phthalate	< 0.278 - < 0.7 µg/L	n/a*	< 0.26 µg/L
Dibenz(a,h)anthracene	< 0.028 - < 0.6 µg/L	n/a*	< 0.025 µg/L
Dibenzofuran	< 0.556 - < 1 µg/L	219 µg/L	< 0.521 µg/L
Dibromochloromethane	< 0.2 - < 1 µg/L	383 µg/L	< 0.2 µg/L
Dibromomethane	< 0.25 - < 1 µg/L	4300 µg/L	< 0.25 µg/L
Dichlorodifluoromethane	< 0.2 - < 0.8 µg/L	37600 µg/L	< 0.2 µg/L
Diethyl phthalate	< 0.556 - < 0.6 µg/L	307000 µg/L	< 0.521 µg/L
Dimethyl phthalate	< 0.556 - < 0.9 µg/L	540000 µg/L	< 0.521 µg/L
Ethylbenzene	< 0.2 - < 0.7 µg/L	12800 µg/L	< 0.2 µg/L
Ethylene Glycol	315 - 315 µg/L	1840000 µg/L	0.316 mg/L (J)
Fluoranthene	< 0.014 - < 0.7 µg/L	n/a*	< 0.013 µg/L
Fluorene	< 0.045 - < 1 µg/L	2110 µg/L	< 0.04 µg/L
Hexachlorobenzene	< 0.556 - < 0.7 µg/L	n/a*	< 0.521 µg/L
Hexachlorobutadiene	< 0.3 - < 1 µg/L	6.9 µg/L	< 0.521 µg/L
Hexachlorocyclopentadiene	< 1 - < 1.67 µg/L	256 µg/L	< 1.56 µg/L
Hexachloroethane	< 0.556 - < 1 µg/L	n/a*	< 0.521 µg/L

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

South 4 Group Fire

Analytical Water Screening Values - December 07, 2019[1]

			WS001		WS002		WS003
			PNTX1207X001A	PNTX1207X001B	PNTX1207X002A	PNTX1207X002B	PNTX1207V003B
Analyte	Background Range[2]	Screening Value[3]	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
Indeno(1,2,3-cd)pyrene	< 0.014 - < 0.5 µg/L	n/a*	< 0.013 µg/L	< 0.012 µg/L	< 0.013 µg/L	< 0.013 µg/L	0.025 µg/L (J)
Isophorone	< 0.5 - < 0.556 µg/L	10400 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L
Isopropylbenzene (Cumene)	< 0.2 - < 0.6 µg/L	8440 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
m,p-Cresol	< 0.278 - < 0.278 µg/L	n/a*	< 0.25 µg/L	< 0.255 µg/L	< 0.25 µg/L	< 0.255 µg/L	< 0.26 µg/L
m,p-Xylene	< 0.2 - < 0.2 µg/L	n/a*	0.316 µg/L (J)	0.451 µg/L (J)	< 0.2 µg/L	< 0.2 µg/L	0.572 µg/L (J)
Methyl iodide	< 0.5 - < 0.5 µg/L	870 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
Methylene chloride	< 0.2 - < 1 µg/L	3370 µg/L	0.533 µg/L (J)	0.451 µg/L (J)	< 0.2 µg/L	0.323 µg/L (J)	0.942 µg/L (J)
n-Butylbenzene	< 0.2 - < 0.7 µg/L	1200 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
n-Nitrosodi-n-propylamine	< 0.556 - < 1 µg/L	1.98 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L
n-Nitrosodimethylamine	< 0.5 - < 0.556 µg/L	0.962 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L
n-Nitrosodiphenylamine	< 0.556 - < 0.8 µg/L	421 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L
n-Propylbenzene	< 0.6 - < 1 µg/L	2350 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L
Naphthalene	< 0.014 - < 2 µg/L	2550 µg/L	0.033 µg/L (J)	0.03 µg/L (J)	0.255 µg/L	0.255 µg/L	0.552 µg/L
Nitrobenzene	< 0.556 - < 1 µg/L	248 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L
o-Cresol	< 0.556 - < 0.8 µg/L	18500 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L
o-Xylene	< 0.2 - < 0.2 µg/L	227000 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	0.289 µg/L (J)
Oil and Grease	< 1600 - < 1600 µg/L	n/a*	< 1.5 mg/L	< 1.7 mg/L	1.7 mg/L (J)	< 1.5 mg/L	5.2 mg/L
Pentachlorophenol	< 0.556 - < 0.6 µg/L	9.92 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L
PFHxS	< 1.64 - < 1.64 ng/L	n/a*	27.3 ng/L	46.5 ng/L	79.9 ng/L	130 ng/L	147 ng/L
PFOA	< 1.8 - < 1.8 ng/L	n/a*	6.87 ng/L (J)	14.5 ng/L	14.4 ng/L	29 ng/L	41.1 ng/L
PFOS	1.8 - 1.8 ng/L	n/a*	105 ng/L	177 ng/L	214 ng/L	311 ng/L	215 ng/L
Phenanthrene	< 0.014 - < 0.5 µg/L	1070 µg/L	0.075 µg/L (J)	0.259 µg/L	< 0.013 µg/L	< 0.013 µg/L	0.409 µg/L
Phenol	< 0.5 - < 0.556 µg/L	160000 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.5 µg/L	< 0.51 µg/L	< 0.521 µg/L
Pyrene	< 0.028 - < 0.8 µg/L	n/a*	< 0.025 µg/L	0.067 µg/L (J)	< 0.026 µg/L	< 0.025 µg/L	0.153 µg/L
Pyridine	< 0.5 - < 1.67 µg/L	717 µg/L	< 1.5 µg/L	< 1.53 µg/L	< 1.5 µg/L	< 1.52 µg/L	< 1.56 µg/L
sec-Butylbenzene	< 0.2 - < 0.5 µg/L	1580 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Styrene	< 0.2 - < 0.8 µg/L	29800 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	0.255 µg/L (J)
tert-Butyl methyl ether (MTBE)	< 0.2 - < 0.2 µg/L	5470 µg/L	4.83 µg/L (J)	4.03 µg/L (J)	9.42 µg/L	10.2 µg/L	11.6 µg/L
tert-Butylbenzene	< 0.2 - < 0.5 µg/L	1400 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Tetrachloroethene	< 0.2 - < 0.6 µg/L	148 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Toluene	< 0.2 - < 0.7 µg/L	16500 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	0.667 µg/L (J)
Total Organic Carbon	8830 - 8830 µg/L	n/a*	16.3 mg/L	17.2 mg/L	31.9 mg/L	29 mg/L	46.7 mg/L
Total TPH (C6-C35)	< 107 - < 107 µg/L	n/a*	< 106 µg/L	< 109 µg/L	< 107 µg/L	587 µg/L (J)	2,450 µg/L
trans-1,2-Dichloroethene	< 0.2 - < 0.6 µg/L	6950 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
trans-1,3-Dichloropropene	< 0.2 - < 1 µg/L	250 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
trans-1,4-Dichloro-2-butene	< 0.5 - < 0.5 µg/L	n/a*	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 07, 2019[1]

			WS003		WS004		WS006
			PNTX1207X003A	PNTX1207X003B	PNTX1207X004A	PNTX1207X004B	PNTX1207X006A
Analyte	Background Range[2]	Screening Value[3]	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
Indeno(1,2,3-cd)pyrene	< 0.014 - < 0.5 µg/L	n/a*	< 0.013 µg/L	0.027 µg/L (J)	0.034 µg/L (J)	< 0.013 µg/L	< 0.014 µg/L
Isophorone	< 0.5 - < 0.556 µg/L	10400 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L
Isopropylbenzene (Cumene)	< 0.2 - < 0.6 µg/L	8440 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
m,p-Cresol	< 0.278 - < 0.278 µg/L	n/a*	< 0.281 µg/L	< 0.25 µg/L	< 0.281 µg/L	< 0.25 µg/L	< 0.281 µg/L
m,p-Xylene	< 0.2 - < 0.2 µg/L	n/a*	< 0.2 µg/L	0.322 µg/L (J)	< 0.2 µg/L	0.845 µg/L (J)	< 0.2 µg/L
Methyl iodide	< 0.5 - < 0.5 µg/L	870 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
Methylene chloride	< 0.2 - < 1 µg/L	3370 µg/L	0.962 µg/L (J)	1.15 µg/L (J)	0.694 µg/L (J)	0.862 µg/L (J)	0.995 µg/L (J)
n-Butylbenzene	< 0.2 - < 0.7 µg/L	1200 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
n-Nitrosodi-n-propylamine	< 0.556 - < 1 µg/L	1.98 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L
n-Nitrosodimethylamine	< 0.5 - < 0.556 µg/L	0.962 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L
n-Nitrosodiphenylamine	< 0.556 - < 0.8 µg/L	421 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L
n-Propylbenzene	< 0.6 - < 1 µg/L	2350 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L
Naphthalene	< 0.014 - < 2 µg/L	2550 µg/L	0.291 µg/L	0.49 µg/L	0.291 µg/L	0.6 µg/L	0.159 µg/L
Nitrobenzene	< 0.556 - < 1 µg/L	248 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L
o-Cresol	< 0.556 - < 0.8 µg/L	18500 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L
o-Xylene	< 0.2 - < 0.2 µg/L	227000 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	0.373 µg/L (J)	< 0.2 µg/L
Oil and Grease	< 1600 - < 1600 µg/L	n/a*	3.1 mg/L (J)	3.6 mg/L (J)	2.3 mg/L (J)	4.1 mg/L (J)	4.4 mg/L (J)
Pentachlorophenol	< 0.556 - < 0.6 µg/L	9.92 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L
PFHxS	< 1.64 - < 1.64 ng/L	n/a*	79 ng/L	139 ng/L	57.8 ng/L	136 ng/L	30.1 ng/L
PFOA	< 1.8 - < 1.8 ng/L	n/a*	20.7 ng/L	43.3 ng/L	20.6 ng/L	35.7 ng/L	20.5 ng/L
PFOS	1.8 - 1.8 ng/L	n/a*	130 ng/L	218 ng/L	124 ng/L	214 ng/L	103 ng/L
Phenanthrene	< 0.014 - < 0.5 µg/L	1070 µg/L	0.155 µg/L	0.396 µg/L	0.26 µg/L	0.397 µg/L	< 0.014 µg/L
Phenol	< 0.5 - < 0.556 µg/L	160000 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L	< 0.5 µg/L	< 0.562 µg/L
Pyrene	< 0.028 - < 0.8 µg/L	n/a*	0.06 µg/L (J)	0.162 µg/L	0.191 µg/L	0.126 µg/L	0.054 µg/L (J)
Pyridine	< 0.5 - < 1.67 µg/L	717 µg/L	< 1.69 µg/L	< 1.5 µg/L	< 1.69 µg/L	< 1.5 µg/L	< 1.69 µg/L
sec-Butylbenzene	< 0.2 - < 0.5 µg/L	1580 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Styrene	< 0.2 - < 0.8 µg/L	29800 µg/L	< 0.2 µg/L	< 0.2 µg/L	0.474 µg/L (J)	0.312 µg/L (J)	< 0.2 µg/L
tert-Butyl methyl ether (MTBE)	< 0.2 - < 0.2 µg/L	5470 µg/L	11.3 µg/L	10.4 µg/L	12.7 µg/L	12.2 µg/L	12.8 µg/L
tert-Butylbenzene	< 0.2 - < 0.5 µg/L	1400 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Tetrachloroethene	< 0.2 - < 0.6 µg/L	148 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Toluene	< 0.2 - < 0.7 µg/L	16500 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Total Organic Carbon	8830 - 8830 µg/L	n/a*	47.7 mg/L	44.1 mg/L	45.7 mg/L	45.8 mg/L	48.1 mg/L
Total TPH (C6-C35)	< 107 - < 107 µg/L	n/a*	817 µg/L (J)	1,530 µg/L (J)	1,540 µg/L (J)	1,130 µg/L (J)	395 µg/L (J)
trans-1,2-Dichloroethene	< 0.2 - < 0.6 µg/L	6950 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
trans-1,3-Dichloropropene	< 0.2 - < 1 µg/L	250 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
trans-1,4-Dichloro-2-butene	< 0.5 - < 0.5 µg/L	n/a*	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 07, 2019[1]

			WS006	WS014		WS015	
			PNTX1207X006B	PNTX1207X014A	PNTX1207X014B	PNTX1207X015A	PNTX1207X015B
Analyte	Background Range[2]	Screening Value[3]	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
Indeno(1,2,3-cd)pyrene	< 0.014 - < 0.5 µg/L	n/a*	< 0.013 µg/L	< 0.012 µg/L	< 0.013 µg/L	0.025 µg/L (J)	0.072 µg/L (J)
Isophorone	< 0.5 - < 0.556 µg/L	10400 µg/L	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L
Isopropylbenzene (Cumene)	< 0.2 - < 0.6 µg/L	8440 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
m,p-Cresol	< 0.278 - < 0.278 µg/L	n/a*	< 0.253 µg/L	< 0.234 µg/L	< 0.26 µg/L	< 0.26 µg/L	< 0.25 µg/L
m,p-Xylene	< 0.2 - < 0.2 µg/L	n/a*	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	0.971 µg/L (J)	1.1 µg/L (J)
Methyl iodide	< 0.5 - < 0.5 µg/L	870 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L
Methylene chloride	< 0.2 - < 1 µg/L	3370 µg/L	0.98 µg/L (J)	0.394 µg/L (J)	0.42 µg/L (J)	0.704 µg/L (J)	0.669 µg/L (J)
n-Butylbenzene	< 0.2 - < 0.7 µg/L	1200 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
n-Nitrosodi-n-propylamine	< 0.556 - < 1 µg/L	1.98 µg/L	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L
n-Nitrosodimethylamine	< 0.5 - < 0.556 µg/L	0.962 µg/L	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L
n-Nitrosodiphenylamine	< 0.556 - < 0.8 µg/L	421 µg/L	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	0.679 µg/L (J)	< 0.5 µg/L
n-Propylbenzene	< 0.6 - < 1 µg/L	2350 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L	< 1 µg/L
Naphthalene	< 0.014 - < 2 µg/L	2550 µg/L	0.307 µg/L	< 0.013 µg/L	< 0.013 µg/L	0.397 µg/L	0.678 µg/L
Nitrobenzene	< 0.556 - < 1 µg/L	248 µg/L	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L
o-Cresol	< 0.556 - < 0.8 µg/L	18500 µg/L	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L
o-Xylene	< 0.2 - < 0.2 µg/L	227000 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	0.55 µg/L (J)	0.809 µg/L (J)
Oil and Grease	< 1600 - < 1600 µg/L	n/a*	4.7 mg/L (J)	< 1.7 mg/L	< 1.7 mg/L	< 1.7 mg/L	< 1.5 mg/L
Pentachlorophenol	< 0.556 - < 0.6 µg/L	9.92 µg/L	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L
PFHxS	< 1.64 - < 1.64 ng/L	n/a*	52.4 ng/L	< 1.64 ng/L	< 1.64 ng/L	145 ng/L	156 ng/L
PFOA	< 1.8 - < 1.8 ng/L	n/a*	30.4 ng/L	< 1.8 ng/L	< 1.8 ng/L	9.16 ng/L (J)	11.1 ng/L
PFOS	1.8 - 1.8 ng/L	n/a*	185 ng/L	< 1.7 ng/L	< 1.7 ng/L	475 ng/L	6[illegible].7 ng/L
Phenanthrene	< 0.014 - < 0.5 µg/L	1070 µg/L	0.098 µg/L (J)	< 0.012 µg/L	< 0.013 µg/L	< 0.013 µg/L	0.753 µg/L
Phenol	< 0.5 - < 0.556 µg/L	160000 µg/L	< 0.505 µg/L	< 0.588 µg/L	< 0.521 µg/L	< 0.521 µg/L	< 0.5 µg/L
Pyrene	< 0.028 - < 0.8 µg/L	n/a*	0.033 µg/L (J)	< 0.026 µg/L	< 0.025 µg/L	0.234 µg/L	0.461 µg/L
Pyridine	< 0.5 - < 1.67 µg/L	717 µg/L	< 1.52 µg/L	< 1.76 µg/L	< 1.56 µg/L	< 1.56 µg/L	< 1.5 µg/L
sec-Butylbenzene	< 0.2 - < 0.5 µg/L	1580 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Styrene	< 0.2 - < 0.8 µg/L	29800 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	2.36 µg/L (J)	2.22 µg/L (J)
tert-Butyl methyl ether (MTBE)	< 0.2 - < 0.2 µg/L	5470 µg/L	11.3 µg/L	< 0.2 µg/L	< 0.2 µg/L	19 µg/L	19.8 µg/L
tert-Butylbenzene	< 0.2 - < 0.5 µg/L	1400 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Tetrachloroethene	< 0.2 - < 0.6 µg/L	148 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Toluene	< 0.2 - < 0.7 µg/L	16500 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Total Organic Carbon	8830 - 8830 µg/L	n/a*	5[illegible].5 mg/L	11.9 mg/L	10.4 mg/L	65.5 mg/L	62.6 mg/L
Total TPH (C6-C35)	< 107 - < 107 µg/L	n/a*	2,230 µg/L (J)	< 106 µg/L	< 105 µg/L	< 107 µg/L	< 102 µg/L
trans-1,2-Dichloroethene	< 0.2 - < 0.6 µg/L	6950 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
trans-1,3-Dichloropropene	< 0.2 - < 1 µg/L	250 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
trans-1,4-Dichloro-2-butene	< 0.5 - < 0.5 µg/L	n/a*	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L	< 0.5 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 07, 2019[1]

Analyte	Background Range[2]	Screening Value[3]	WS017 PNTX1207X017 Pending Validation
Indeno(1,2,3-cd)pyrene	< 0.014 - < 0.5 µg/L	n/a*	< 0.013 µg/L
Isophorone	< 0.5 - < 0.556 µg/L	10400 µg/L	< 0.521 µg/L
Isopropylbenzene (Cumene)	< 0.2 - < 0.6 µg/L	8440 µg/L	< 0.2 µg/L
m,p-Cresol	< 0.278 - < 0.278 µg/L	n/a*	< 0.26 µg/L
m,p-Xylene	< 0.2 - < 0.2 µg/L	n/a*	< 0.2 µg/L
Methyl iodide	< 0.5 - < 0.5 µg/L	870 µg/L	< 0.5 µg/L
Methylene chloride	< 0.2 - < 1 µg/L	3370 µg/L	1.14 µg/L (J)
n-Butylbenzene	< 0.2 - < 0.7 µg/L	1200 µg/L	< 0.2 µg/L
n-Nitrosodi-n-propylamine	< 0.556 - < 1 µg/L	1.98 µg/L	< 0.521 µg/L
n-Nitrosodimethylamine	< 0.5 - < 0.556 µg/L	0.962 µg/L	< 0.521 µg/L
n-Nitrosodiphenylamine	< 0.556 - < 0.8 µg/L	421 µg/L	< 0.521 µg/L
n-Propylbenzene	< 0.6 - < 1 µg/L	2350 µg/L	< 1 µg/L
Naphthalene	< 0.014 - < 2 µg/L	2550 µg/L	0.179 µg/L
Nitrobenzene	< 0.556 - < 1 µg/L	248 µg/L	< 0.521 µg/L
o-Cresol	< 0.556 - < 0.8 µg/L	18600 µg/L	< 0.521 µg/L
o-Xylene	< 0.2 - < 0.2 µg/L	227000 µg/L	< 0.2 µg/L
Oil and Grease	< 1600 - < 1600 µg/L	n/a*	3.8 mg/L (J)
Pentachlorophenol	< 0.556 - < 0.6 µg/L	9.92 µg/L	< 0.521 µg/L
PFHxS	< 1.64 - < 1.64 ng/L	n/a*	29.6 ng/L
PFOA	< 1.8 - < 1.8 ng/L	n/a*	22.3 ng/L
PFOS	1.8 - 1.8 ng/L	n/a*	106 ng/L
Phenanthrene	< 0.014 - < 0.5 µg/L	1070 µg/L	< 0.013 µg/L
Phenol	< 0.5 - < 0.556 µg/L	160000 µg/L	< 0.521 µg/L
Pyrene	< 0.028 - < 0.8 µg/L	n/a*	< 0.025 µg/L
Pyridine	< 0.5 - < 1.67 µg/L	717 µg/L	< 1.59 µg/L
sec-Butylbenzene	< 0.2 - < 0.5 µg/L	1580 µg/L	< 0.2 µg/L
Styrene	< 0.2 - < 0.8 µg/L	29800 µg/L	< 0.2 µg/L
tert-Butyl methyl ether (MTBE)	< 0.2 - < 0.2 µg/L	5470 µg/L	12.1 µg/L
tert-Butylbenzene	< 0.2 - < 0.5 µg/L	1400 µg/L	< 0.2 µg/L
Tetrachloroethene	< 0.2 - < 0.6 µg/L	148 µg/L	< 0.2 µg/L
Toluene	< 0.2 - < 0.7 µg/L	16500 µg/L	< 0.2 µg/L
Total Organic Carbon	8830 - 8830 µg/L	n/a*	46.5 mg/L
Total TPH (C6-C35)	< 107 - < 107 µg/L	n/a*	2,520 µg/L
trans-1,2-Dichloroethene	< 0.2 - < 0.6 µg/L	6950 µg/L	< 0.2 µg/L
trans-1,3-Dichloropropene	< 0.2 - < 1 µg/L	250 µg/L	< 0.2 µg/L
trans-1,4-Dichloro-2-butene	< 0.5 - < 0.5 µg/L	n/a*	< 0.5 µg/L

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

South 4 Group Fire

Analytical Water Screening Values - December 07, 2019[1]

			WS001		WS002		WS003
			PNTX1207X001A	PNTX1207X001B	PNTX1207X002A	PNTX1207X002B	PNTX1207V003B
Analyte	**Background Range[2]**	**Screening Value[3]**	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
Trichloroethene	< 0.2 - < 0.7 µg/L	1010 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Trichlorofluoromethane	< 0.2 - < 0.2 µg/L	43300 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Trichlorotrifluoroethane	< 0.2 - < 0.2 µg/L	6040000 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Vinyl acetate	< 0.2 - < 0.2 µg/L	748000 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Vinyl chloride	< 0.2 - < 1 µg/L	11.3 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Xylene (total)	< 0.4 - < 1 µg/L	24000 µg/L	< 0.4 µg/L	0.451 µg/L (J)	< 0.4 µg/L	< 0.4 µg/L	0.861 µg/L (J)

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 07, 2019[1]

			WS003		WS004		WS006
			PNTX1207X003A	PNTX1207X003B	PNTX1207X004A	PNTX1207X004B	PNTX1207X006A
Analyte	**Background Range[2]**	**Screening Value[3]**	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
Trichloroethene	< 0.2 - < 0.7 µg/L	1010 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Trichlorofluoromethane	< 0.2 - < 0.2 µg/L	43300 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Trichlorotrifluoroethane	< 0.2 - < 0.2 µg/L	6040000 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Vinyl acetate	< 0.2 - < 0.2 µg/L	748000 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Vinyl chloride	< 0.2 - < 1 µg/L	11.3 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Xylene (total)	< 0.4 - < 1 µg/L	24000 µg/L	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L	1.22 µg/L (J)	< 0.4 µg/L

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 07, 2019[1]

			WS006	WS014		WS015	
			PNTX1207X006B	PNTX1207X014A	PNTX1207X014B	PNTX1207X015A	PNTX1207X015B
Analyte	**Background Range[2]**	**Screening Value[3]**	Pending Validation	Pending Validation	Pending Validation	Pending Validation	Pending Validation
Trichloroethene	< 0.2 - < 0.7 µg/L	1010 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Trichlorofluoromethane	< 0.2 - < 0.2 µg/L	43300 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Trichlorotrifluoroethane	< 0.2 - < 0.2 µg/L	6040000 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Vinyl acetate	< 0.2 - < 0.2 µg/L	748000 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Vinyl chloride	< 0.2 - < 1 µg/L	11.3 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L	< 0.2 µg/L
Xylene (total)	< 0.4 - < 1 µg/L	24000 µg/L	< 0.4 µg/L	< 0.4 µg/L	< 0.4 µg/L	1.52 µg/L (J)	1.91 µg/L (J)

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

South 4 Group Fire

Analytical Water Screening Values - December 07, 2019[1]

Analyte	Background Range[2]	Screening Value[3]	WS017 PNTX1207X017 Pending Validation
Trichloroethene	< 0.2 - < 0.7 µg/L	1010 µg/L	< 0.2 µg/L
Trichlorofluoromethane	< 0.2 - < 0.2 µg/L	43300 µg/L	< 0.2 µg/L
Trichlorotrifluoroethane	< 0.2 - < 0.2 µg/L	6040000 µg/L	< 0.2 µg/L
Vinyl acetate	< 0.2 - < 0.2 µg/L	748000 µg/L	< 0.2 µg/L
Vinyl chloride	< 0.2 - < 1 µg/L	11.3 µg/L	< 0.2 µg/L
Xylene (total)	< 0.4 - < 1 µg/L	24000 µg/L	< 0.4 µg/L

[1] The data presented is preliminary, and has not undergone the full QA/QC process.
[2] Range from background samples collected at WS000 and WS009
[3] TCEQ Tier 1 Contact Recreation Water PCL
* No Contact Recreation PCL Available

Detection Color Code
- Detected
- Detected Below RL
- Not Detected

South 4 Group Fire

Asbestos Water Results - Results through Dec 05, 2019*

Location Code	Primary Identifier	Validation Level	Screening Value†	Asbestos
WS001	PNTX1130V001ESMB	Pending Validation	7 MF/L	< 1.10 MF/L
	PNTX1130X001ESMA	Pending Validation	7 MF/L	< 1.10 MF/L
	PNTX1130X001ESMB	Pending Validation	7 MF/L	2.10 MF/L Chrysotile
	PNTX1201X001EMSA	Pending Validation	7 MF/L	< 1.10 MF/L
	PNTX1201X001EMSB	Pending Validation	7 MF/L	< 11.00 MF/L
	PNTX1202X001EMSA	Pending Validation	7 MF/L	5.40 MF/L Chrysotile
	PNTX1202X001EMSB	Pending Validation	7 MF/L	< 5.40 MF/L
	PNTX1203V001EMSB	Pending Validation	7 MF/L	< 1.80 MF/L
	PNTX1203X001EMSA	Pending Validation	7 MF/L	< 1.80 MF/L
	PNTX1203X001EMSB	Pending Validation	7 MF/L	< 1.80 MF/L
	PNTX1204X001EMSA	Pending Validation	7 MF/L	< 1.10 MF/L
	PNTX1204X001EMSB	Pending Validation	7 MF/L	< 1.80 MF/L
	PNTX1205X001EMSA	Pending Validation	7 MF/L	< 1.80 MF/L
	PNTX1205X001EMSB	Pending Validation	7 MF/L	< 5.30 MF/L
WS002	PNTX1130X002ESMA	Pending Validation	7 MF/L	< 1.10 MF/L
	PNTX1130X002ESMB	Pending Validation	7 MF/L	< 1.10 MF/L
	PNTX1201X002EMSA	Pending Validation	7 MF/L	< 1.10 MF/L
	PNTX1201X002EMSB	Pending Validation	7 MF/L	< 11.00 MF/L
	PNTX1202X002EMSA	Pending Validation	7 MF/L	< 5.40 MF/L
	PNTX1202X002EMSB	Pending Validation	7 MF/L	< 1.80 MF/L
	PNTX1203X002EMSA	Pending Validation	7 MF/L	< 1.10 MF/L
	PNTX1203X002EMSB	Pending Validation	7 MF/L	< 1.10 MF/L
	PNTX1204X002EMSA	Pending Validation	7 MF/L	< 0.53 MF/L
	PNTX1204X002EMSB	Pending Validation	7 MF/L	< 0.52 MF/L
	PNTX1205X002EMSA	Pending Validation	7 MF/L	< 5.30 MF/L
	PNTX1205X002EMSB	Pending Validation	7 MF/L	< 1.10 MF/L
WS003	PNTX1129X003ESM	Pending Validation	7 MF/L	< 11.00 MF/L
	PNTX1130X003ESMA	Pending Validation	7 MF/L	< 1.10 MF/L
	PNTX1130X003ESMB	Pending Validation	7 MF/L	1.10 MF/L Chrysotile
	PNTX1201V003EMSB	Pending Validation	7 MF/L	11.00 MF/L Chrysotile

* The data presented is preliminary, and has not undergone the full QA/QC process.
† Drinking Water MCL

Screening Comparison Color Code

- Asbestos Detected
- Asbestos Not Detected
- Detected Above Level

South 4 Group Fire

Asbestos Water Results - Results through Dec 05, 2019*

Location Code	Primary Identifier	Validation Level	Screening Value†	Asbestos
WS003	PNTX1201X003EMSA	Pending Validation	7 MF/L	< 1.10 MF/L
	PNTX1201X003EMSB	Pending Validation	7 MF/L	< 18.00 MF/L
	PNTX1202X003EMSA	Pending Validation	7 MF/L	< 11.00 MF/L
	PNTX1202X003EMSB	Pending Validation	7 MF/L	< 5.40 MF/L
	PNTX1203X003EMSA	Pending Validation	7 MF/L	< 1.10 MF/L
	PNTX1203X003EMSB	Pending Validation	7 MF/L	< 1.10 MF/L
	PNTX1204X003EMSA	Pending Validation	7 MF/L	< 5.30 MF/L
	PNTX1204X003EMSB	Pending Validation	7 MF/L	< 1.80 MF/L
	PNTX1205X003EMSA	Pending Validation	7 MF/L	< 5.30 MF/L
	PNTX1205X003EMSB	Pending Validation	7 MF/L	< 11.00 MF/L
WS004	PNTX1130X004ESMA	Pending Validation	7 MF/L	< 1.10 MF/L
	PNTX1130X004ESMB	Pending Validation	7 MF/L	< 1.80 MF/L
	PNTX1201X004EMSA	Pending Validation	7 MF/L	< 5.40 MF/L
	PNTX1201X004EMSB	Pending Validation	7 MF/L	< 18.00 MF/L
	PNTX1202X004EMSA	Pending Validation	7 MF/L	< 5.40 MF/L
	PNTX1202X004EMSB	Pending Validation	7 MF/L	< 1.80 MF/L
	PNTX1203X004EMSA	Pending Validation	7 MF/L	< 1.80 MF/L
	PNTX1203X004EMSB	Pending Validation	7 MF/L	< 5.40 MF/L
	PNTX1204X004EMSA	Pending Validation	7 MF/L	< 1.80 MF/L
	PNTX1204X004EMSB	Pending Validation	7 MF/L	< 1.80 MF/L
	PNTX1205V004EMSA	Pending Validation	7 MF/L	< 11.00 MF/L
	PNTX1205X004EMSA	Pending Validation	7 MF/L	< 18.00 MF/L
	PNTX1205X004EMSB	Pending Validation	7 MF/L	< 11.00 MF/L
WS006	PNTX1130X006ESMB	Pending Validation	7 MF/L	21.00 MF/L Chrysotile
	PNTX1201X006EMSA	Pending Validation	7 MF/L	< 1.10 MF/L
	PNTX1201X006EMSB	Pending Validation	7 MF/L	< 5.40 MF/L
	PNTX1202X006EMSA	Pending Validation	7 MF/L	< 5.40 MF/L
	PNTX1202X006EMSB	Pending Validation	7 MF/L	1.80 MF/L Chrysotile
	PNTX1203X006EMSA	Pending Validation	7 MF/L	< 1.10 MF/L
	PNTX1203X006EMSB	Pending Validation	7 MF/L	1.10 MF/L Chrysotile

* The data presented is preliminary, and has not undergone the full QA/QC process.
† Drinking Water MCL

Screening Comparison Color Code

- Asbestos Detected
- Asbestos Not Detected
- Detected Above Level

South 4 Group Fire

Asbestos Water Results - Results through Dec 05, 2019*

Location Code	Primary Identifier	Validation Level	Screening Value†	Asbestos
WS006	PNTX1204X006EMSA	Pending Validation	7 MF/L	< 1.10 MF/L
	PNTX1204X006EMSB	Pending Validation	7 MF/L	< 1.30 MF/L
	PNTX1205X006EMSA	Pending Validation	7 MF/L	< 5.30 MF/L
	PNTX1205X006EMSB	Pending Validation	7 MF/L	< 5.30 MF/L
WS007	PNTX1129X007ESM	Pending Validation	7 MF/L	< 1.10 MF/L
WS009	PNTX1201Y009EMS	Pending Validation	7 MF/L	< 11.00 MF/L
WS010	PNTX1201X010EMS	Pending Validation	7 MF/L	< 5.40 MF/L
	PNTX1202X010EMS	Pending Validation	7 MF/L	< 11.00 MF/L
	PNTX1203X010EMS	Pending Validation	7 MF/L	11.00 MF/L Amosite & Chrysotile
WS011	PNTX1202X011EMS	Pending Validation	7 MF/L	< 5.40 MF/L
WS014	PNTX1203X014EMS	Pending Validation	7 MF/L	< 5.40 MF/L
	PNTX1205X014EMSA	Pending Validation	7 MF/L	< 5.30 MF/L
	PNTX1205X014EMSB	Pending Validation	7 MF/L	< 5.30 MF/L
WS015	PNTX1204X015EMS	Pending Validation	7 MF/L	< 11.00 MF/L

* The data presented is preliminary, and has not undergone the full QA/QC process.
† Drinking Water MCL

Screening Comparison Color Code

- Asbestos Detected
- Asbestos Not Detected
- Detected Above Level