DEPARTMENT OF THE ARMY
BADGER ARMY AMMUNITION PLANT
S7273 BLUFF ROAD
MERRIMAC, WISCONSIN 53561

January 16, 2019

SUBJECT: Submittal of November 2018 Residential Well Testing Results
Badger Army Ammunition Plant

Mr. Jason Lowery
Wisconsin Department of Natural Resources
GEF2 Central Office
PO Box 7921
Madison, WI 53707-7921

Dear Mr. Lowery:

Enclosed are the Badger Army Ammunition Plant (BAAP) November 2018 Residential Well Testing Results from 22 residential wells. Enclosed are copies of the signed Environmental Monitoring Data Certification Form, a list of wells sampled, two maps showing the well locations, residential well results summary spreadsheet, residential well lab results, and residential well owners' addresses. Note that residential well names contained in this submittal are based on the address of the sampled well location. Per previous discussions, the Army understands that the WDNR will be mailing the results to each well owner.

SpecPro Professional Services, LLC (SPS) collected groundwater samples from 22 residential wells on November 19 and 20, and December 5 and 20, 2018. As shown on Figure 1, the 22 sampled residential wells are distributed to the east and south of BAAP. SPS was able to collect 17 residential well samples located near Inspiration Drive (see Figure 2). These wells are east of BAAP between Weigand's Bay and Gruber's Grove Bay. Two residential wells were sampled on Spear Drive, east of BAAP (see Figure 1). In addition, SPS was able to collect two residential well samples on Gruber's Grove Road, south of Gruber's Grove Bay and one on Keller Road, south of BAAP (see Figure 1). This was a special sampling of residential wells being offered by the Army.

Only one of the 22 residential wells sampled during November 2018 had not been previously sampled by the Army. This residential well, S8210 (645), was given a new well ID of 645 associated with License 3497. This well is located east of BAAP, on Inspiration Drive between Weigand's Bay and Gruber's Grove Bay (see Figure 2).

Analytical results for the 22 residential wells indicated no detections of volatile organic compounds (VOCs) above a NR 140 Preventive Action Limit (PAL). Chloroform was detected in two wells but below the NR 140 PAL. Dichlorodifluoromethane was detected in two wells but below the NR 140 PAL. Ethyl ether was detected in two wells but below the NR 140 PAL.

Analytical results for residential well E12586A (953), sampled on November 20, 2018, indicated an NR 140 Enforcement Standard (ES) exceedance for 2,4-dinitrotoluene (DNT) at 0.11 micrograms per liter (µg/l). The NR 140 ES for 2,4-DNT is 0.05 µg/l. Upon laboratory validation, the homeowner was offered and provided bottled water. The data validation did not indicate any noticeable issues with

the 2,4-DNT result. Residential well E12586A is located at E12586A Spear Drive approximately ¾ mile east of the BAAP boundary (see Figure 1). This well is located over ¾ mile east of the Deterrent Burning Ground Plume (closest known source of DNT). Based on the groundwater flow direction (southeast) and the extensive groundwater monitoring data collected by the Army, it is unlikely that the Deterrent Burning Ground Plume could migrate towards the residential well located at E12586A Spear Drive.

The Army resampled the E12586A well for DNT on December 5 and 20, 2018 to confirm the 2,4-DNT detection. Analytical results from both the December 5 and 20, 2018 samples, as well as the duplicate samples each day, did not detect 2,4-DNT or either of the other five isomers of DNT. These follow-up testing results indicate that DNT is not present in the E12586A well. The initial 2,4-DNT detection from November 20, 2018 could not be confirmed and was most likely the result of an unknown interference during laboratory testing. The E12586A well had previously been sampled by the Army during March 2012 and no DNT had been detected. The Army will resample the E12586A well several times during 2019 to reaffirm that DNT is not present in the groundwater.

All groundwater samples were analyzed by CT Laboratories, LLC (CT Lab) in Baraboo, Wisconsin. CT Lab is a WDNR Chapter NR 149 certified laboratory and accredited by the Department of Defense Environmental Laboratory Accreditation Program (DoD ELAP). The SPS chemist conducted an internal quality control review of the groundwater data and did not find any data quality issues.

During 2019, the Army intends to collect samples from additional residential wells in the following areas: Dam Heights, Gruber's Grove Bay, Inspiration Drive, and Weigand's Bay.

Please do not hesitate to contact me at 608-434-5374 if you have any questions.

Sincerely,

Robert M. Sitton
Commander's Representative

Enclosure
Copy furn: Bryan Lynch, Contracting Officer's Representative

State of Wisconsin
Department of Natural Resources

Environmental Monitoring Data Certification

Form 4400-231(R 1/04)

Notice: Personally identifiable information collected will be used for program administration and enforcement purposes. The Department may also provide this information to requesters as required under Wisconsin's Open Records law, ss. 19.31 to 19.39, Wis. Stats.
When submitting monitoring data, the owner or operator of the facility, practice or activity is required to notify the Department in writing that a groundwater standard or an explosive gas level has been attained or exceeded, as specified in ss. NR 140.24(1)(a); NR 140.26(1)(a); NR 507.30NR 635.14(9)(a); NR 635.18(20) and NR 507.30, Wis. Adm. Code. Failure to report may result in fines, forfeitures or other penalties resulting from enforcement under ss. 289.97, 291.97 or 299.95, Wis. Stats.

Instructions:

- **Prepare one form for each license or monitoring ID.**
- **Please type or print legibly.**
- Attach a notification of any values that attain or exceed groundwater standards (that is, preventive action limits, enforcement standards or alternative concentration limits). The notification must include a preliminary analysis of the cause and significance of each value.
- Attach a notification of any gas values that attain or exceed explosive gas levels.
- Send the original signed form, any notification, and Electronic Data Deliverable [EDD] to: GEMS Data Submittal Contact - WA/5
  Bureau of Waste Management
  Wisconsin Department of Natural Resources
  101 South Webster Street
  Madison WI 53707-7921

Monitoring Data Submittal Information

Name of entity submitting data (laboratory, consultant, facility owner):

SpecPro Professional Services - Badger Army Ammunition Plant

Contact for questions about data formatting. Include data preparer's name, telephone number and E-mail address:

Name: Joel Janssen Phone: (608) 438-1110

E-mail: Joel.Janssen@SpecProSvcs.com

Facility name:	License # / Monitoring ID	Facility ID [FID]	Actual sampling dates (e.g., July 2-6, 2003)
BAAP - Off-Site Residential Wells	03497	157005530	11/19, 11/20, 12/5 & 12/20/18

The enclosed results are for sampling required in the month(s) of: (e.g., June 2003)

November & December 2018

Type of Data Submitted (Check all that apply)

- ☐ Groundwater monitoring data from monitoring wells
- ☒ Groundwater monitoring data from private water supply wells
- ☐ Leachate monitoring data
- ☐ Gas monitoring data
- ☐ Air monitoring data
- ☐ Other (specify)

Notification attached?

- ☐ No. No groundwater standards or explosive gas limits were exceeded.
- ☒ Yes, a notification of values exceeding a groundwater standard is attached. It includes a list of monitoring points, dates, sample values, groundwater standard and preliminary analysis of the cause and significance of any concentration.
- ☐ Yes, a notification of values exceeding an explosive gas limit is attached. It includes the monitoring points, dates, sample values and explosive gas limits.

Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards.

Joel Janssen	Project Manager	(608) 438-1110
Facility Representative Name (Print)	Title	(Area Code) Telephone No.
Signature	1/16/19 Date	

FOR DNR USE ONLY. Check action taken, and record date and your initials. Describe on back side if necessary.

☐ **Found uploading problems on** _____ **Initials**

☐ **Notified contact of problems on** _____ **Uploaded data successfully on** _____

EDD format(s): ☐ **Diskette** ☐ **CD (initial submittal and follow-up)** ☐ **E-mail (follow-up only)** ☐ **Other**

Case Narrative
Groundwater Monitoring
License Number 3497
Off-Site Residential Wells
November 2018
Badger Army Ammunition Plant

Groundwater is currently being monitored by the facility because of past production activities. Twenty-two residential wells were sampled as part of a special sampling round conducted by the Army. The Army will be sampling additional residential wells during 2019. Note that residential well names are based on the address of the well location, when available.

2,4-Dinitrotoluene (DNT) and total DNT exceeded the Enforcement Standard (ES) in E12586A (953) for the November 20, 2018 sampling event. Residential well E12586A (953) is located 4,000 feet east the BAAP boundary and the Deterrent Burning Ground Plume. E12586A (953) was sampled again on December 5 and 20, 2018 to confirm if 2,4-DNT was present. 2,4-DNT was not detected in E12586A (953) during both December 2018 sampling events.

Volatile organic compounds (VOCs) analysis was performed by CT Laboratories (CT Lab) using method EPA 8260C.

DNT analysis was also performed by CT Lab using method SW 8270DSIM. The following DNT isomers were reported: 2,3-DNT, 2,4-DNT, 2,5-DNT, 2,6-DNT, 3,4-DNT, and 3,5-DNT.

SpecPro Professional Services, LLC

Badger Army Ammunition Plant

GROUNDWATER MONITORING EXCEEDANCE REPORT

November 2018 Report Date: 1/14/2019

Parameter Name	Lic No.	Well No.	Well Name	Date	Dup	Result	Units	PAL	ES
2,4-Dinitrotoluene	3497	953	E12586A	11/20/2018	1	0.11	ug/l	0.005	0.05
Total Dinitrotoluenes	3497	953	E12586A	11/20/2018	1	0.11	ug/l	0.005	0.05

SpecPro Professional Services, LLC

Badger Army Ammunition Plant

November 2018 GROUNDWATER MONITORING ALL HITS REPORT

License No: 3497 Report Date: 1/14/2019

Parameter Name	Well	Well Name	Date	Dup	Result	LOD	LOQ	Units	PAL	ES
Ethyl ether	116	S8849	11/20/2018	1	0.17	0.1	0.2	ug/l	100	1000
Chloroform	117	S8853	11/20/2018	1	0.12	0.1	0.2	ug/l	0.6	6
Dichlorodifluoromethane	130	S8304A	11/19/2018	1	0.24	0.1	0.2	ug/l	200	1000
Chloroform	139	S8300	11/19/2018	1	0.12	0.1	0.2	ug/l	0.6	6
Dichlorodifluoromethane	940	S8256	11/19/2018	1	1.5	0.1	0.2	ug/l	200	1000
2,4-Dinitrotoluene	953	E12586A	11/20/2018	1	0.11	0.0077	0.029	ug/l	0.005	0.05
Total Dinitrotoluenes	953	E12586A	11/20/2018	1	0.11	0.0077	0.029	ug/l	0.005	0.05
Ethyl ether	963	S8897	11/20/2018	1	3	0.1	0.2	ug/l	100	1000

Residential Groundwater Test Results - November 2018 Sampling Event

November '18 Round	Level of Detection	Level of Quantitation
2,3-DNT	0.0057	0.029
2,4-DNT	0.0076	0.029
2,5-DNT	0.0029	0.029
2,6-DNT	0.0038	0.029
3,4-DNT	0.0038	0.029
3,5-DNT	0.0038	0.029

*Level of detection and level of quantitation may change each round.

= Under PAL and ES
= Over Preventive Action Limit (PAL)
= Over Enforcement Standard (ES)
= No PAL or ES established
= Not Tested
ND = Compound was not detected

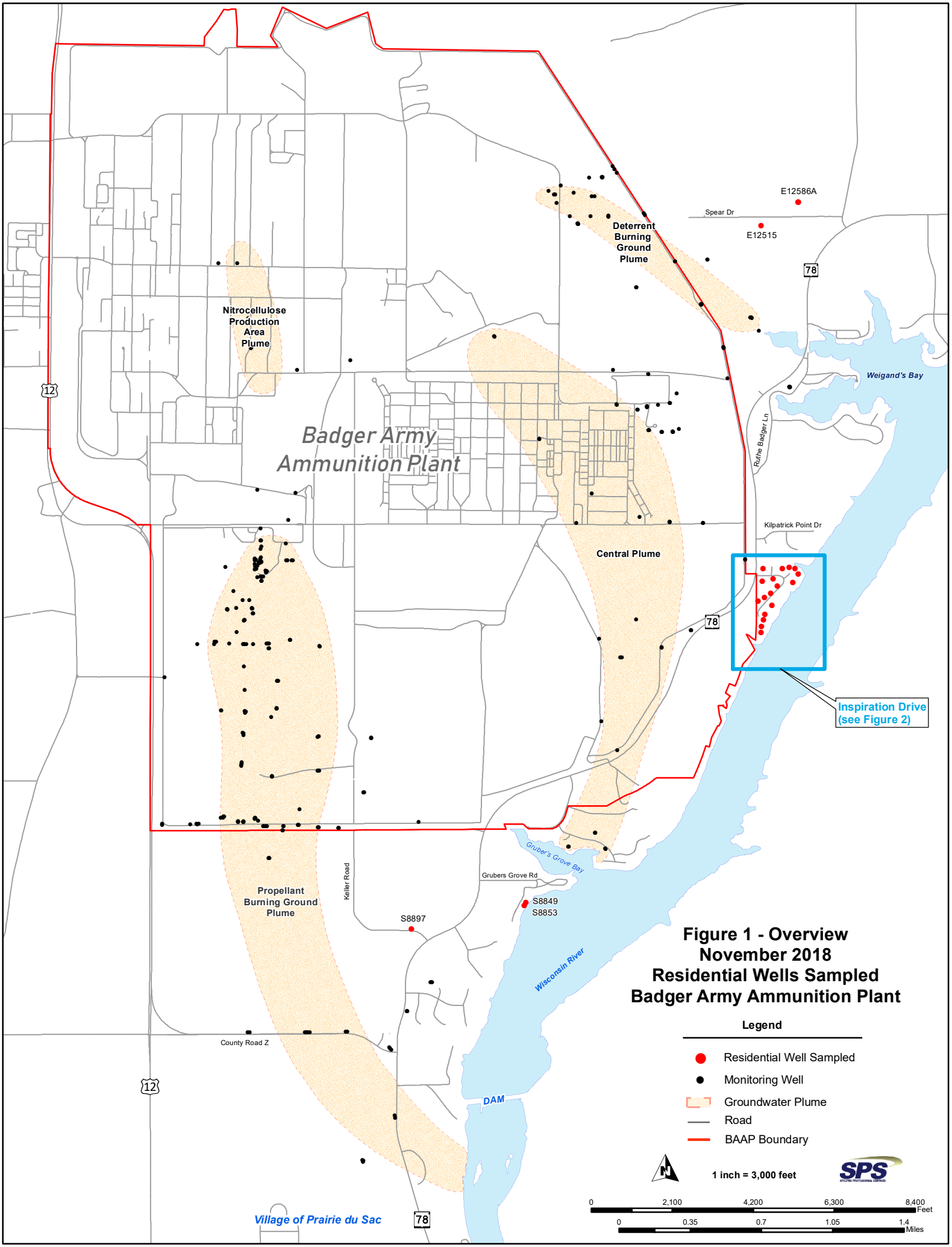
Well Name	Well No.	Well Address	Analyzed By	Sample Date	Chloroform	Dichlorodifluoromethane	Ethyl ether	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2,3-Dinitrotoluene	2,5-Dinitrotoluene	3,4-Dinitrotoluene	3,5-Dinitrotoluene	Dinitrotoluene, Total
S8849	116	S8849 Gruber's Grove Road	CT Lab	11/20/2018	ND	ND	0.17	ND	ND	ND	ND	ND	ND	ND
S8853	117	S8853 Gruber's Grove Road	CT Lab	11/20/2018	0.12	ND	ND	ND	ND	ND	ND	ND	ND	ND
S8304A	130	S8304A Inspiration Drive	CT Lab	11/19/2018	ND	0.24	ND	ND	ND	ND	ND	ND	ND	ND
S8259	131	S8259 Inspiration Drive	CT Lab	11/19/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
			CT Lab (D)	11/19/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S8308A	133	S8308A Inspiration Drive	CT Lab	11/19/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S8282	136	S8282 Inspiration Drive	CT Lab	11/19/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S8206	137	S8206 Inspiration Drive	CT Lab	11/19/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S8300	139	S8300 Inspiration Drive	CT Lab	11/19/2018	0.12	ND	ND	ND	ND	ND	ND	ND	ND	ND
S8204	140	S8204 Inspiration Drive	CT Lab	11/19/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S8269	141	S8269 Inpsiration Drive	CT Lab	11/19/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S8237	142	S8237 Inspiration Drive	CT Lab	11/19/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S8202	145	S8202 Inspiation Drive	CT Lab	11/19/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E12509	148	E12509 Inspiration Drive	CT Lab	11/20/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S8210	645	S8210 Inspiration Drive	CT Lab	11/19/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S8194	826	S8194 Highway 78	CT Lab	11/20/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E12513	901	E12513 Inspiration Drive	CT Lab	11/20/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E12550	903	E12550 Inspiration Drive	CT Lab	11/19/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E12515	915	E12515 Spear Drive	CT Lab	11/20/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
			CT Lab (D)	11/20/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S8217	933	S8217 Inspiration Drive	CT Lab	11/19/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S8256	940	S8256 Inspiration Drive	CT Lab	11/19/2018	ND	1.5	ND	ND	ND	ND	ND	ND	ND	ND
E12586A	953	E12586A Spear Drive	CT Lab	11/20/2018	ND	ND	ND	0.11	ND	ND	ND	ND	ND	0.11
E12586A	953	E12586A Spear Drive	CT Lab	12/5/2018				ND	ND	ND	ND	ND	ND	ND
		(confirmation sample)	CT Lab (D)	12/5/2018				ND	ND	ND	ND	ND	ND	ND
E12586A	953	E12586A Spear Drive	CT Lab	12/20/2018				ND	ND	ND	ND	ND	ND	ND
		(confirmation sample)	CT Lab (D)	12/20/2018				ND	ND	ND	ND	ND	ND	ND
S8897	963	S8897 Keller Road	CT Lab	11/20/2018	ND	ND	3	ND	ND	ND	ND	ND	ND	ND

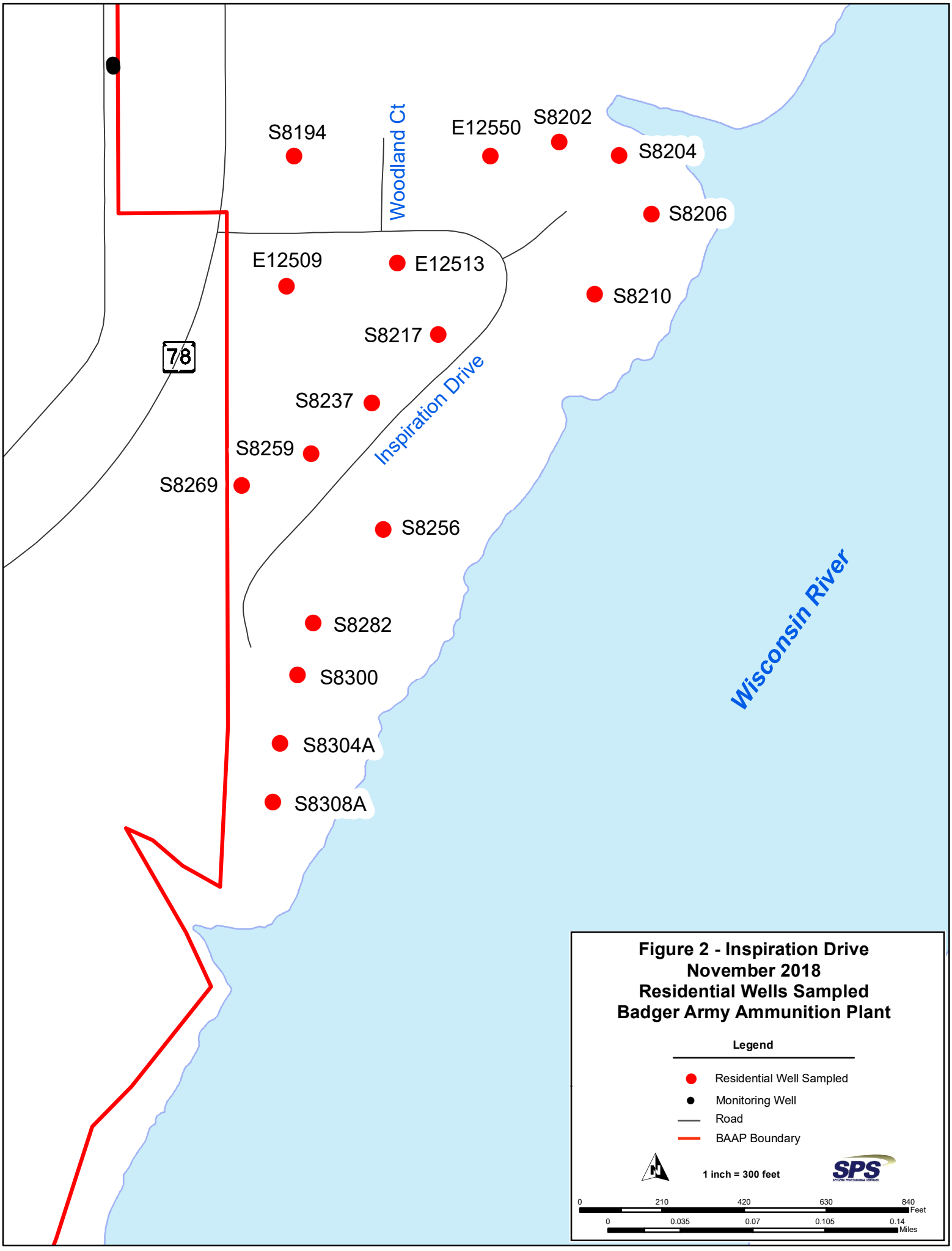
(D) = Duplicate
CT Lab = CT Laboratories, LLC

1/14/2019

November 2018
Badger Army Ammunition Plant
Residential Wells Sampled List

Well ID	Well Name	Well Address	Date	Subdivision Area
116	S8849	S8849 Gruber's Grove Road	11/20/18	Gruber's Grove Bay
117	S8853	S8853 Gruber's Grove Road	11/20/18	Gruber's Grove Bay
130	S8304A	S8304A Inspiration Drive	11/19/18	Inspiration Drive
131	S8259	S8259 Inspiration Drive	11/19/18	Inspiration Drive
133	S8308A	S8308A Inspiration Drive	11/19/18	Inspiration Drive
136	S8282	S8282 Inspiration Drive	11/19/18	Inspiration Drive
137	S8206	S8206 Inspiration Drive	11/19/18	Inspiration Drive
139	S8300	S8300 Inspiration Drive	11/19/18	Inspiration Drive
140	S8204	S8204 Inspiration Drive	11/19/18	Inspiration Drive
141	S8269	S8269 Inspiration Drive	11/19/18	Inspiration Drive
142	S8237	S8237 Inspiration Drive	11/19/18	Inspiration Drive
145	S8202	S8202 Inspiration Drive	11/19/18	Inspiration Drive
148	E12509	E12509 Inspiration Drive	11/20/18	Inspiration Drive
645	S8210	S8210 Inspiration Drive	11/19/18	Inspiration Drive
826	S8194	S8194 Highway 78	11/20/18	Inspiration Drive
901	E12513	E12513 Inspiration Drive	11/20/18	Inspiration Drive
903	E12550	E12550 Inspiration Drive	11/19/18	Inspiration Drive
915	E12515	E12515 Spear Drive	11/20/18	(none)
933	S8217	S8217 Inspiration Drive	11/19/18	Inspiration Drive
940	S8256	S8256 Inspiration Drive	11/19/18	Inspiration Drive
953	E12586A	E12586A Spear Drive	11/20/18	(none)
953	E12586A	E12586A Spear Drive	12/5/18	(none)
953	E12586A	E12586A Spear Drive	12/20/18	(none)
963	S8897	S8897 Keller Road	11/20/18	(none)


Badger Army Ammunition Plant
Nitrocellulose Production Area Plume
Deterrent Burning Ground Plume
Central Plume
Propellant Burning Ground Plume
E12586A
E12515
Spear Dr
78
12
Weigand's Bay
Ruthe Badger Ln
Kilpatrick Point Dr
Inspiration Drive (see Figure 2)
Gruber's Grove Bay
Grubers Grove Rd
Keller Road
S8849
S8853
S8897
Wisconsin River
DAM
County Road Z
Village of Prairie du Sac
Figure 1 - Overview
November 2018
Residential Wells Sampled
Badger Army Ammunition Plant
Legend
Residential Well Sampled
Monitoring Well
Groundwater Plume
Road
BAAP Boundary
1 inch = 3,000 feet
0 2,100 4,200 6,300 8,400 Feet
0 0.35 0.7 1.05 1.4 Miles


S8194
Woodland Ct
E12550
S8202
S8204
S8206
E12509
E12513
S8210
S8217
78
Inspiration Drive
S8237
S8259
S8269
S8256
Wisconsin River
S8282
S8300
S8304A
S8308A
Figure 2 - Inspiration Drive
November 2018
Residential Wells Sampled
Badger Army Ammunition Plant
Legend
Residential Well Sampled
Monitoring Well
Road
BAAP Boundary
N
1 inch = 300 feet
SPS
0 210 420 630 840 Feet
0 0.035 0.07 0.105 0.14 Miles

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 116
Well Address: S8849 Gruber's Grove Road

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
Volatile Organic Compounds								
1,1,1,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1,1-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1,2,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1,2-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2,3-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2,3-Trichloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2,4-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2,4-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dibromo-3-chloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dibromoethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,3,5-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,3-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,3-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,4-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
2,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
2-Butanone	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
2-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
2-Hexanone	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
4-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
4-Methyl-2-pentanone	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
Benzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromodichloromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromoform	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromomethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Carbon disulfide	< 0.2	U	ug/L	0.2	0.4	11/20/2018	11/26/2018	SW8260C
Carbon tetrachloride	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Chlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Chloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Chloroform	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Chloromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 116
Well Address: S8849 Gruber's Grove Road

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
cis-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
cis-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dibromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dibromomethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dichlorodifluoromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Diisopropyl ether	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Ethyl ether	0.17	J	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Ethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Hexachlorobutadiene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Isopropylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
m & p-Xylene	< 0.2	U	ug/L	0.2	0.4	11/20/2018	11/26/2018	SW8260C
Methyl tert-butyl ether	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Methylene chloride	< 0.2	U	ug/L	0.2	1	11/20/2018	11/26/2018	SW8260C
Naphthalene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
n-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
n-Propylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
o-Xylene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
p-Isopropyltoluene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
sec-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Styrene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
tert-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Tetrachloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Tetrahydrofuran	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
Toluene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
trans-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
trans-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Trichloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Trichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Vinyl acetate	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
Vinyl chloride	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dinitrotoluenes SIM								
2,3-Dinitrotoluene	< 0.0058	U	ug/L	0.0058	0.029	11/20/2018	12/3/2018	SW8270DSIM
2,4-Dinitrotoluene	< 0.0078	U	ug/L	0.0078	0.029	11/20/2018	12/3/2018	SW8270DSIM
2,5-Dinitrotoluene	< 0.0029	U	ug/L	0.0029	0.029	11/20/2018	12/3/2018	SW8270DSIM
2,6-Dinitrotoluene	< 0.0039	U	ug/L	0.0039	0.029	11/20/2018	12/3/2018	SW8270DSIM
3,4-Dinitrotoluene	< 0.0039	U	ug/L	0.0039	0.029	11/20/2018	12/3/2018	SW8270DSIM
3,5-Dinitrotoluene	< 0.0039	U	ug/L	0.0039	0.029	11/20/2018	12/3/2018	SW8270DSIM
Total Dinitrotoluenes	< 0.0078	U	ug/L	0.0078	0.029	11/20/2018	12/3/2018	SW8270DSIM

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 116
Well Address: S8849 Gruber's Grove Road

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method

Qualifier Definitions:

=	Parameter was detected at the indicated concentration.
J	Parameter was detected above the reported level of detection but below the level of quantitation.
U	Parameter was not detected above the reported level of detection.

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 117
Well Address: S8853 Gruber's Grove Road

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
Volatile Organic Compounds								
1,1,1,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1,1-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1,2,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1,2-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2,3-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2,3-Trichloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2,4-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2,4-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dibromo-3-chloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dibromoethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,3,5-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,3-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,3-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,4-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
2,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
2-Butanone	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
2-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
2-Hexanone	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
4-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
4-Methyl-2-pentanone	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
Benzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromodichloromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromoform	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromomethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Carbon disulfide	< 0.2	U	ug/L	0.2	0.4	11/20/2018	11/26/2018	SW8260C
Carbon tetrachloride	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Chlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Chloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Chloroform	0.12	J	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Chloromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 117
Well Address: S8853 Gruber's Grove Road

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
cis-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
cis-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dibromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dibromomethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dichlorodifluoromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Diisopropyl ether	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Ethyl ether	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Ethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Hexachlorobutadiene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Isopropylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
m & p-Xylene	< 0.2	U	ug/L	0.2	0.4	11/20/2018	11/26/2018	SW8260C
Methyl tert-butyl ether	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Methylene chloride	< 0.2	U	ug/L	0.2	1	11/20/2018	11/26/2018	SW8260C
Naphthalene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
n-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
n-Propylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
o-Xylene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
p-Isopropyltoluene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
sec-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Styrene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
tert-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Tetrachloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Tetrahydrofuran	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
Toluene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
trans-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
trans-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Trichloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Trichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Vinyl acetate	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
Vinyl chloride	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dinitrotoluenes SIM								
2,3-Dinitrotoluene	< 0.0058	U	ug/L	0.0058	0.029	11/20/2018	12/3/2018	SW8270DSIM
2,4-Dinitrotoluene	< 0.0078	U	ug/L	0.0078	0.029	11/20/2018	12/3/2018	SW8270DSIM
2,5-Dinitrotoluene	< 0.0029	U	ug/L	0.0029	0.029	11/20/2018	12/3/2018	SW8270DSIM
2,6-Dinitrotoluene	< 0.0039	U	ug/L	0.0039	0.029	11/20/2018	12/3/2018	SW8270DSIM
3,4-Dinitrotoluene	< 0.0039	U	ug/L	0.0039	0.029	11/20/2018	12/3/2018	SW8270DSIM
3,5-Dinitrotoluene	< 0.0039	U	ug/L	0.0039	0.029	11/20/2018	12/3/2018	SW8270DSIM
Total Dinitrotoluenes	< 0.0078	U	ug/L	0.0078	0.029	11/20/2018	12/3/2018	SW8270DSIM

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 117
Well Address: S8853 Gruber's Grove Road

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method

Qualifier Definitions:

=	Parameter was detected at the indicated concentration.
J	Parameter was detected above the reported level of detection but below the level of quantitation.
U	Parameter was not detected above the reported level of detection.

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 130
Well Address: S8304A Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
Volatile Organic Compounds								
1,1,1,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,1,1-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,1,2,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,1,2-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,1-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,1-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,1-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,2,3-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,2,3-Trichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,2,4-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,2,4-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,2-Dibromo-3-chloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,2-Dibromoethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,2-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,2-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,3,5-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,3-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,3-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,4-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
2,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
2-Butanone	< 1	U	ug/L	1	2	11/19/2018	11/25/2018	SW8260C
2-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
2-Hexanone	< 1	U	ug/L	1	2	11/19/2018	11/25/2018	SW8260C
4-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
4-Methyl-2-pentanone	< 1	U	ug/L	1	2	11/19/2018	11/25/2018	SW8260C
Benzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Bromobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Bromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Bromodichloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Bromoform	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Bromomethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Carbon disulfide	< 0.2	U	ug/L	0.2	0.4	11/19/2018	11/25/2018	SW8260C
Carbon tetrachloride	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Chlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Chloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Chloroform	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Chloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 130
Well Address: S8304A Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
cis-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
cis-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Dibromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Dibromomethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Dichlorodifluoromethane	0.24	=	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Dichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Diisopropyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Ethyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Ethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Hexachlorobutadiene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Isopropylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
m & p-Xylene	< 0.2	U	ug/L	0.2	0.4	11/19/2018	11/25/2018	SW8260C
Methyl tert-butyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Methylene chloride	< 0.2	U	ug/L	0.2	1	11/19/2018	11/25/2018	SW8260C
Naphthalene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
n-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
n-Propylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
o-Xylene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
p-Isopropyltoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
sec-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Styrene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
tert-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Tetrachloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Tetrahydrofuran	< 1	U	ug/L	1	2	11/19/2018	11/25/2018	SW8260C
Toluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
trans-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
trans-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Trichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Trichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Vinyl acetate	< 1	U	ug/L	1	2	11/19/2018	11/25/2018	SW8260C
Vinyl chloride	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Dinitrotoluenes SIM								
2,3-Dinitrotoluene	< 0.006	U	ug/L	0.006	0.03	11/19/2018	12/3/2018	SW8270DSIM
2,4-Dinitrotoluene	< 0.008	U	ug/L	0.008	0.03	11/19/2018	12/3/2018	SW8270DSIM
2,5-Dinitrotoluene	< 0.003	U	ug/L	0.003	0.03	11/19/2018	12/3/2018	SW8270DSIM
2,6-Dinitrotoluene	< 0.004	U	ug/L	0.004	0.03	11/19/2018	12/3/2018	SW8270DSIM
3,4-Dinitrotoluene	< 0.004	U	ug/L	0.004	0.03	11/19/2018	12/3/2018	SW8270DSIM
3,5-Dinitrotoluene	< 0.004	U	ug/L	0.004	0.03	11/19/2018	12/3/2018	SW8270DSIM
Total Dinitrotoluenes	< 0.008	U	ug/L	0.008	0.03	11/19/2018	12/3/2018	SW8270DSIM

CT Laboratories, LLC
Badger Army Ammunition Plant
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November 2018

Well Code: 130
Well Address: S8304A Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method

Qualifier Definitions:

=	Parameter was detected at the indicated concentration.
J	Parameter was detected above the reported level of detection but below the level of quantitation.
U	Parameter was not detected above the reported level of detection.

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 131
Well Address: S8259 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
Volatile Organic Compounds								
1,1,1,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,1,1,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,1,1-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,1,1-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,1,2,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,1,2,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,1,2-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,1,2-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,1-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,1-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,1-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,1-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,1-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,1-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,2,3-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,2,3-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,2,3-Trichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,2,3-Trichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,2,4-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,2,4-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,2,4-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,2,4-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,2-Dibromo-3-chloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,2-Dibromo-3-chloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,2-Dibromoethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,2-Dibromoethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,2-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,2-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,2-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,2-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,3,5-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,3,5-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,3-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,3-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,3-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,3-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 131
Well Address: S8259 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
1,4-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,4-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
2,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
2,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
2-Butanone	< 1	U	ug/L	1	2	11/19/2018	11/21/2018	SW8260C
2-Butanone	< 1	U	ug/L	1	2	11/19/2018	11/21/2018	SW8260C
2-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
2-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
2-Hexanone	< 1	U	ug/L	1	2	11/19/2018	11/21/2018	SW8260C
2-Hexanone	< 1	U	ug/L	1	2	11/19/2018	11/21/2018	SW8260C
4-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
4-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
4-Methyl-2-pentanone	< 1	U	ug/L	1	2	11/19/2018	11/21/2018	SW8260C
4-Methyl-2-pentanone	< 1	U	ug/L	1	2	11/19/2018	11/21/2018	SW8260C
Benzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Benzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Bromobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Bromobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Bromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Bromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Bromodichloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Bromodichloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Bromoform	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Bromoform	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Bromomethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Bromomethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Carbon disulfide	< 0.2	U	ug/L	0.2	0.4	11/19/2018	11/21/2018	SW8260C
Carbon disulfide	< 0.2	U	ug/L	0.2	0.4	11/19/2018	11/21/2018	SW8260C
Carbon tetrachloride	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Carbon tetrachloride	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Chlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Chlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Chloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Chloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Chloroform	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Chloroform	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Chloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Chloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
cis-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C

CT Laboratories, LLC
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Well Code: 131
Well Address: S8259 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
cis-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
cis-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
cis-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Dibromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Dibromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Dibromomethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Dibromomethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Dichlorodifluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Dichlorodifluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Dichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Dichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Diisopropyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Diisopropyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Ethyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Ethyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Ethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Ethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Hexachlorobutadiene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Hexachlorobutadiene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Isopropylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Isopropylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
m & p-Xylene	< 0.2	U	ug/L	0.2	0.4	11/19/2018	11/21/2018	SW8260C
m & p-Xylene	< 0.2	U	ug/L	0.2	0.4	11/19/2018	11/21/2018	SW8260C
Methyl tert-butyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Methyl tert-butyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Methylene chloride	< 0.2	U	ug/L	0.2	1	11/19/2018	11/21/2018	SW8260C
Methylene chloride	< 0.2	U	ug/L	0.2	1	11/19/2018	11/21/2018	SW8260C
Naphthalene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Naphthalene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
n-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
n-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
n-Propylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
n-Propylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
o-Xylene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
o-Xylene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
p-Isopropyltoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
p-Isopropyltoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
sec-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
sec-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C

CT Laboratories, LLC
Badger Army Ammunition Plant
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November 2018

Well Code: 131
Well Address: S8259 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
Styrene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Styrene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
tert-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
tert-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Tetrachloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Tetrachloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Tetrahydrofuran	< 1	U	ug/L	1	2	11/19/2018	11/21/2018	SW8260C
Tetrahydrofuran	< 1	U	ug/L	1	2	11/19/2018	11/21/2018	SW8260C
Toluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Toluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
trans-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
trans-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
trans-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
trans-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Trichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Trichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Trichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Trichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Vinyl acetate	< 1	U	ug/L	1	2	11/19/2018	11/21/2018	SW8260C
Vinyl acetate	< 1	U	ug/L	1	2	11/19/2018	11/21/2018	SW8260C
Vinyl chloride	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Vinyl chloride	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Dinitrotoluenes SIM								
2,3-Dinitrotoluene	< 0.0058	U	ug/L	0.0058	0.029	11/19/2018	11/29/2018	SW8270DSIM
2,3-Dinitrotoluene	< 0.0058	U	ug/L	0.0058	0.029	11/19/2018	11/29/2018	SW8270DSIM
2,4-Dinitrotoluene	< 0.0078	U	ug/L	0.0078	0.029	11/19/2018	11/29/2018	SW8270DSIM
2,4-Dinitrotoluene	< 0.0077	U	ug/L	0.0077	0.029	11/19/2018	11/29/2018	SW8270DSIM
2,5-Dinitrotoluene	< 0.0029	U	ug/L	0.0029	0.029	11/19/2018	11/29/2018	SW8270DSIM
2,5-Dinitrotoluene	< 0.0029	U	ug/L	0.0029	0.029	11/19/2018	11/29/2018	SW8270DSIM
2,6-Dinitrotoluene	< 0.0039	U	ug/L	0.0039	0.029	11/19/2018	11/29/2018	SW8270DSIM
2,6-Dinitrotoluene	< 0.0038	U	ug/L	0.0038	0.029	11/19/2018	11/29/2018	SW8270DSIM
3,4-Dinitrotoluene	< 0.0038	U	ug/L	0.0038	0.029	11/19/2018	11/29/2018	SW8270DSIM
3,4-Dinitrotoluene	< 0.0039	U	ug/L	0.0039	0.029	11/19/2018	11/29/2018	SW8270DSIM
3,5-Dinitrotoluene	< 0.0039	U	ug/L	0.0039	0.029	11/19/2018	11/29/2018	SW8270DSIM
3,5-Dinitrotoluene	< 0.0038	U	ug/L	0.0038	0.029	11/19/2018	11/29/2018	SW8270DSIM
Total Dinitrotoluenes	< 0.0077	U	ug/L	0.0077	0.029	11/19/2018	11/29/2018	SW8270DSIM
Total Dinitrotoluenes	< 0.0078	U	ug/L	0.0078	0.029	11/19/2018	11/29/2018	SW8270DSIM

Qualifier Definitions:

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 131
Well Address: S8259 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method

=	Parameter was detected at the indicated concentration.
J	Parameter was detected above the reported level of detection but below the level of quantitation.
U	Parameter was not detected above the reported level of detection.

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 133
Well Address: S8308A Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
Volatile Organic Compounds								
1,1,1,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1,1-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1,2,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1,2-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2,3-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2,3-Trichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2,4-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2,4-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dibromo-3-chloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dibromoethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,3,5-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,3-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,3-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,4-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
2,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
2-Butanone	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
2-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
2-Hexanone	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
4-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
4-Methyl-2-pentanone	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
Benzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromodichloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromoform	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromomethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Carbon disulfide	< 0.2	U	ug/L	0.2	0.4	11/19/2018	11/26/2018	SW8260C
Carbon tetrachloride	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Chlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Chloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Chloroform	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Chloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 133
Well Address: S8308A Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
cis-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
cis-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dibromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dibromomethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dichlorodifluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Diisopropyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Ethyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Ethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Hexachlorobutadiene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Isopropylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
m & p-Xylene	< 0.2	U	ug/L	0.2	0.4	11/19/2018	11/26/2018	SW8260C
Methyl tert-butyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Methylene chloride	< 0.2	U	ug/L	0.2	1	11/19/2018	11/26/2018	SW8260C
Naphthalene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
n-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
n-Propylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
o-Xylene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
p-Isopropyltoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
sec-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Styrene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
tert-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Tetrachloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Tetrahydrofuran	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
Toluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
trans-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
trans-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Trichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Trichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Vinyl acetate	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
Vinyl chloride	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dinitrotoluenes SIM								
2,3-Dinitrotoluene	< 0.0058	U	ug/L	0.0058	0.029	11/19/2018	12/3/2018	SW8270DSIM
2,4-Dinitrotoluene	< 0.0078	U	ug/L	0.0078	0.029	11/19/2018	12/3/2018	SW8270DSIM
2,5-Dinitrotoluene	< 0.0029	U	ug/L	0.0029	0.029	11/19/2018	12/3/2018	SW8270DSIM
2,6-Dinitrotoluene	< 0.0039	U	ug/L	0.0039	0.029	11/19/2018	12/3/2018	SW8270DSIM
3,4-Dinitrotoluene	< 0.0039	U	ug/L	0.0039	0.029	11/19/2018	12/3/2018	SW8270DSIM
3,5-Dinitrotoluene	< 0.0039	U	ug/L	0.0039	0.029	11/19/2018	12/3/2018	SW8270DSIM
Total Dinitrotoluenes	< 0.0078	U	ug/L	0.0078	0.029	11/19/2018	12/3/2018	SW8270DSIM

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 133
Well Address: S8308A Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method

Qualifier Definitions:

=	Parameter was detected at the indicated concentration.
J	Parameter was detected above the reported level of detection but below the level of quantitation.
U	Parameter was not detected above the reported level of detection.

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 136
Well Address: S8282 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
Volatile Organic Compounds								
1,1,1,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,1,1-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,1,2,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,1,2-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,1-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,1-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,1-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,2,3-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,2,3-Trichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,2,4-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,2,4-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,2-Dibromo-3-chloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,2-Dibromoethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,2-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,2-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,3,5-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,3-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,3-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,4-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
2,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
2-Butanone	< 1	U	ug/L	1	2	11/19/2018	11/25/2018	SW8260C
2-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
2-Hexanone	< 1	U	ug/L	1	2	11/19/2018	11/25/2018	SW8260C
4-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
4-Methyl-2-pentanone	< 1	U	ug/L	1	2	11/19/2018	11/25/2018	SW8260C
Benzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Bromobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Bromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Bromodichloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Bromoform	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Bromomethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Carbon disulfide	< 0.2	U	ug/L	0.2	0.4	11/19/2018	11/25/2018	SW8260C
Carbon tetrachloride	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Chlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Chloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Chloroform	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Chloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 136
Well Address: S8282 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
cis-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
cis-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Dibromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Dibromomethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Dichlorodifluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Dichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Diisopropyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Ethyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Ethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Hexachlorobutadiene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Isopropylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
m & p-Xylene	< 0.2	U	ug/L	0.2	0.4	11/19/2018	11/25/2018	SW8260C
Methyl tert-butyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Methylene chloride	< 0.2	U	ug/L	0.2	1	11/19/2018	11/25/2018	SW8260C
Naphthalene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
n-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
n-Propylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
o-Xylene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
p-Isopropyltoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
sec-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Styrene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
tert-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Tetrachloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Tetrahydrofuran	< 1	U	ug/L	1	2	11/19/2018	11/25/2018	SW8260C
Toluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
trans-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
trans-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Trichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Trichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Vinyl acetate	< 1	U	ug/L	1	2	11/19/2018	11/25/2018	SW8260C
Vinyl chloride	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Dinitrotoluenes SIM								
2,3-Dinitrotoluene	< 0.0057	U	ug/L	0.0057	0.029	11/19/2018	12/3/2018	SW8270DSIM
2,4-Dinitrotoluene	< 0.0076	U	ug/L	0.0076	0.029	11/19/2018	12/3/2018	SW8270DSIM
2,5-Dinitrotoluene	< 0.0029	U	ug/L	0.0029	0.029	11/19/2018	12/3/2018	SW8270DSIM
2,6-Dinitrotoluene	< 0.0038	U	ug/L	0.0038	0.029	11/19/2018	12/3/2018	SW8270DSIM
3,4-Dinitrotoluene	< 0.0038	U	ug/L	0.0038	0.029	11/19/2018	12/3/2018	SW8270DSIM
3,5-Dinitrotoluene	< 0.0038	U	ug/L	0.0038	0.029	11/19/2018	12/3/2018	SW8270DSIM
Total Dinitrotoluenes	< 0.0076	U	ug/L	0.0076	0.029	11/19/2018	12/3/2018	SW8270DSIM

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 136
Well Address: S8282 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method

Qualifier Definitions:

=	Parameter was detected at the indicated concentration.
J	Parameter was detected above the reported level of detection but below the level of quantitation.
U	Parameter was not detected above the reported level of detection.

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 137
Well Address: S8206 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
Volatile Organic Compounds								
1,1,1,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1,1-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1,2,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1,2-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2,3-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2,3-Trichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2,4-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2,4-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dibromo-3-chloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dibromoethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,3,5-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,3-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,3-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,4-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
2,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
2-Butanone	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
2-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
2-Hexanone	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
4-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
4-Methyl-2-pentanone	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
Benzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromodichloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromoform	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromomethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Carbon disulfide	< 0.2	U	ug/L	0.2	0.4	11/19/2018	11/26/2018	SW8260C
Carbon tetrachloride	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Chlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Chloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Chloroform	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Chloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 137
Well Address: S8206 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
cis-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
cis-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dibromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dibromomethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dichlorodifluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Diisopropyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Ethyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Ethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Hexachlorobutadiene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Isopropylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
m & p-Xylene	< 0.2	U	ug/L	0.2	0.4	11/19/2018	11/26/2018	SW8260C
Methyl tert-butyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Methylene chloride	< 0.2	U	ug/L	0.2	1	11/19/2018	11/26/2018	SW8260C
Naphthalene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
n-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
n-Propylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
o-Xylene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
p-Isopropyltoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
sec-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Styrene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
tert-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Tetrachloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Tetrahydrofuran	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
Toluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
trans-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
trans-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Trichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Trichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Vinyl acetate	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
Vinyl chloride	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dinitrotoluenes SIM								
2,3-Dinitrotoluene	< 0.006	U	ug/L	0.006	0.03	11/19/2018	12/3/2018	SW8270DSIM
2,4-Dinitrotoluene	< 0.008	U	ug/L	0.008	0.03	11/19/2018	12/3/2018	SW8270DSIM
2,5-Dinitrotoluene	< 0.003	U	ug/L	0.003	0.03	11/19/2018	12/3/2018	SW8270DSIM
2,6-Dinitrotoluene	< 0.004	U	ug/L	0.004	0.03	11/19/2018	12/3/2018	SW8270DSIM
3,4-Dinitrotoluene	< 0.004	U	ug/L	0.004	0.03	11/19/2018	12/3/2018	SW8270DSIM
3,5-Dinitrotoluene	< 0.004	U	ug/L	0.004	0.03	11/19/2018	12/3/2018	SW8270DSIM
Total Dinitrotoluenes	< 0.008	U	ug/L	0.008	0.03	11/19/2018	12/3/2018	SW8270DSIM

CT Laboratories, LLC
Badger Army Ammunition Plant
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Well Code: 137
Well Address: S8206 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method

Qualifier Definitions:

=	Parameter was detected at the indicated concentration.
J	Parameter was detected above the reported level of detection but below the level of quantitation.
U	Parameter was not detected above the reported level of detection.

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 139
Well Address: S8300 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
Volatile Organic Compounds								
1,1,1,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,1,1-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,1,2,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,1,2-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,1-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,1-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,1-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,2,3-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,2,3-Trichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,2,4-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,2,4-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,2-Dibromo-3-chloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,2-Dibromoethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,2-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,2-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,3,5-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,3-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,3-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,4-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
2,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
2-Butanone	< 1	U	ug/L	1	2	11/19/2018	11/25/2018	SW8260C
2-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
2-Hexanone	< 1	U	ug/L	1	2	11/19/2018	11/25/2018	SW8260C
4-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
4-Methyl-2-pentanone	< 1	U	ug/L	1	2	11/19/2018	11/25/2018	SW8260C
Benzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Bromobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Bromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Bromodichloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Bromoform	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Bromomethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Carbon disulfide	< 0.2	U	ug/L	0.2	0.4	11/19/2018	11/25/2018	SW8260C
Carbon tetrachloride	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Chlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Chloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Chloroform	0.12	J	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Chloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 139
Well Address: S8300 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
cis-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
cis-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Dibromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Dibromomethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Dichlorodifluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Dichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Diisopropyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Ethyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Ethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Hexachlorobutadiene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Isopropylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
m & p-Xylene	< 0.2	U	ug/L	0.2	0.4	11/19/2018	11/25/2018	SW8260C
Methyl tert-butyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Methylene chloride	< 0.2	U	ug/L	0.2	1	11/19/2018	11/25/2018	SW8260C
Naphthalene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
n-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
n-Propylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
o-Xylene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
p-Isopropyltoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
sec-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Styrene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
tert-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Tetrachloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Tetrahydrofuran	< 1	U	ug/L	1	2	11/19/2018	11/25/2018	SW8260C
Toluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
trans-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
trans-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Trichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Trichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Vinyl acetate	< 1	U	ug/L	1	2	11/19/2018	11/25/2018	SW8260C
Vinyl chloride	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Dinitrotoluenes SIM								
2,3-Dinitrotoluene	< 0.0058	U	ug/L	0.0058	0.029	11/19/2018	12/3/2018	SW8270DSIM
2,4-Dinitrotoluene	< 0.0077	U	ug/L	0.0077	0.029	11/19/2018	12/3/2018	SW8270DSIM
2,5-Dinitrotoluene	< 0.0029	U	ug/L	0.0029	0.029	11/19/2018	12/3/2018	SW8270DSIM
2,6-Dinitrotoluene	< 0.0038	U	ug/L	0.0038	0.029	11/19/2018	12/3/2018	SW8270DSIM
3,4-Dinitrotoluene	< 0.0038	U	ug/L	0.0038	0.029	11/19/2018	12/3/2018	SW8270DSIM
3,5-Dinitrotoluene	< 0.0038	U	ug/L	0.0038	0.029	11/19/2018	12/3/2018	SW8270DSIM
Total Dinitrotoluenes	< 0.0077	U	ug/L	0.0077	0.029	11/19/2018	12/3/2018	SW8270DSIM

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 139
Well Address: S8300 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method

Qualifier Definitions:

=	Parameter was detected at the indicated concentration.
J	Parameter was detected above the reported level of detection but below the level of quantitation.
U	Parameter was not detected above the reported level of detection.

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 140
Well Address: S8204 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
Volatile Organic Compounds								
1,1,1,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1,1-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1,2,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1,2-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2,3-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2,3-Trichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2,4-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2,4-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dibromo-3-chloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dibromoethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,3,5-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,3-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,3-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,4-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
2,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
2-Butanone	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
2-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
2-Hexanone	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
4-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
4-Methyl-2-pentanone	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
Benzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromodichloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromoform	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromomethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Carbon disulfide	< 0.2	U	ug/L	0.2	0.4	11/19/2018	11/26/2018	SW8260C
Carbon tetrachloride	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Chlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Chloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Chloroform	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Chloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 140
Well Address: S8204 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
cis-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
cis-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dibromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dibromomethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dichlorodifluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Diisopropyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Ethyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Ethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Hexachlorobutadiene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Isopropylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
m & p-Xylene	< 0.2	U	ug/L	0.2	0.4	11/19/2018	11/26/2018	SW8260C
Methyl tert-butyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Methylene chloride	< 0.2	U	ug/L	0.2	1	11/19/2018	11/26/2018	SW8260C
Naphthalene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
n-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
n-Propylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
o-Xylene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
p-Isopropyltoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
sec-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Styrene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
tert-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Tetrachloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Tetrahydrofuran	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
Toluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
trans-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
trans-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Trichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Trichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Vinyl acetate	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
Vinyl chloride	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dinitrotoluenes SIM								
2,3-Dinitrotoluene	< 0.0058	U	ug/L	0.0058	0.029	11/19/2018	12/3/2018	SW8270DSIM
2,4-Dinitrotoluene	< 0.0078	U	ug/L	0.0078	0.029	11/19/2018	12/3/2018	SW8270DSIM
2,5-Dinitrotoluene	< 0.0029	U	ug/L	0.0029	0.029	11/19/2018	12/3/2018	SW8270DSIM
2,6-Dinitrotoluene	< 0.0039	U	ug/L	0.0039	0.029	11/19/2018	12/3/2018	SW8270DSIM
3,4-Dinitrotoluene	< 0.0039	U	ug/L	0.0039	0.029	11/19/2018	12/3/2018	SW8270DSIM
3,5-Dinitrotoluene	< 0.0039	U	ug/L	0.0039	0.029	11/19/2018	12/3/2018	SW8270DSIM
Total Dinitrotoluenes	< 0.0078	U	ug/L	0.0078	0.029	11/19/2018	12/3/2018	SW8270DSIM

CT Laboratories, LLC
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November 2018

Well Code: 140
Well Address: S8204 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method

Qualifier Definitions:

=	Parameter was detected at the indicated concentration.
J	Parameter was detected above the reported level of detection but below the level of quantitation.
U	Parameter was not detected above the reported level of detection.

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 141
Well Address: S8269 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
Volatile Organic Compounds								
1,1,1,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,1,1-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,1,2,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,1,2-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,1-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,1-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,1-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,2,3-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,2,3-Trichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,2,4-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,2,4-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,2-Dibromo-3-chloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,2-Dibromoethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,2-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,2-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,3,5-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,3-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,3-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
1,4-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
2,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
2-Butanone	< 1	U	ug/L	1	2	11/19/2018	11/25/2018	SW8260C
2-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
2-Hexanone	< 1	U	ug/L	1	2	11/19/2018	11/25/2018	SW8260C
4-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
4-Methyl-2-pentanone	< 1	U	ug/L	1	2	11/19/2018	11/25/2018	SW8260C
Benzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Bromobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Bromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Bromodichloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Bromoform	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Bromomethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Carbon disulfide	< 0.2	U	ug/L	0.2	0.4	11/19/2018	11/25/2018	SW8260C
Carbon tetrachloride	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Chlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Chloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Chloroform	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Chloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C

CT Laboratories, LLC
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November 2018

Well Code: 141
Well Address: S8269 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
cis-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
cis-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Dibromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Dibromomethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Dichlorodifluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Dichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Diisopropyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Ethyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Ethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Hexachlorobutadiene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Isopropylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
m & p-Xylene	< 0.2	U	ug/L	0.2	0.4	11/19/2018	11/25/2018	SW8260C
Methyl tert-butyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Methylene chloride	< 0.2	U	ug/L	0.2	1	11/19/2018	11/25/2018	SW8260C
Naphthalene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
n-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
n-Propylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
o-Xylene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
p-Isopropyltoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
sec-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Styrene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
tert-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Tetrachloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Tetrahydrofuran	< 1	U	ug/L	1	2	11/19/2018	11/25/2018	SW8260C
Toluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
trans-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
trans-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Trichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Trichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Vinyl acetate	< 1	U	ug/L	1	2	11/19/2018	11/25/2018	SW8260C
Vinyl chloride	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/25/2018	SW8260C
Dinitrotoluenes SIM								
2,3-Dinitrotoluene	< 0.0058	U	ug/L	0.0058	0.029	11/19/2018	11/29/2018	SW8270DSIM
2,4-Dinitrotoluene	< 0.0078	U	ug/L	0.0078	0.029	11/19/2018	11/29/2018	SW8270DSIM
2,5-Dinitrotoluene	< 0.0029	U	ug/L	0.0029	0.029	11/19/2018	11/29/2018	SW8270DSIM
2,6-Dinitrotoluene	< 0.0039	U	ug/L	0.0039	0.029	11/19/2018	11/29/2018	SW8270DSIM
3,4-Dinitrotoluene	< 0.0039	U	ug/L	0.0039	0.029	11/19/2018	11/29/2018	SW8270DSIM
3,5-Dinitrotoluene	< 0.0039	U	ug/L	0.0039	0.029	11/19/2018	11/29/2018	SW8270DSIM
Total Dinitrotoluenes	< 0.0078	U	ug/L	0.0078	0.029	11/19/2018	11/29/2018	SW8270DSIM

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Well Code: 141
Well Address: S8269 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method

Qualifier Definitions:

=	Parameter was detected at the indicated concentration.
J	Parameter was detected above the reported level of detection but below the level of quantitation.
U	Parameter was not detected above the reported level of detection.

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 142
Well Address: S8237 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
Volatile Organic Compounds								
1,1,1,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1,1-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1,2,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1,2-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2,3-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2,3-Trichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2,4-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2,4-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dibromo-3-chloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dibromoethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,3,5-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,3-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,3-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,4-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
2,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
2-Butanone	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
2-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
2-Hexanone	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
4-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
4-Methyl-2-pentanone	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
Benzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromodichloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromoform	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromomethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Carbon disulfide	< 0.2	U	ug/L	0.2	0.4	11/19/2018	11/26/2018	SW8260C
Carbon tetrachloride	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Chlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Chloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Chloroform	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Chloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C

CT Laboratories, LLC
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Well Code: 142
Well Address: S8237 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
cis-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
cis-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dibromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dibromomethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dichlorodifluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Diisopropyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Ethyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Ethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Hexachlorobutadiene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Isopropylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
m & p-Xylene	< 0.2	U	ug/L	0.2	0.4	11/19/2018	11/26/2018	SW8260C
Methyl tert-butyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Methylene chloride	< 0.2	U	ug/L	0.2	1	11/19/2018	11/26/2018	SW8260C
Naphthalene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
n-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
n-Propylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
o-Xylene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
p-Isopropyltoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
sec-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Styrene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
tert-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Tetrachloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Tetrahydrofuran	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
Toluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
trans-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
trans-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Trichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Trichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Vinyl acetate	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
Vinyl chloride	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dinitrotoluenes SIM								
2,3-Dinitrotoluene	< 0.0057	U	ug/L	0.0057	0.029	11/19/2018	12/3/2018	SW8270DSIM
2,4-Dinitrotoluene	< 0.0076	U	ug/L	0.0076	0.029	11/19/2018	12/3/2018	SW8270DSIM
2,5-Dinitrotoluene	< 0.0029	U	ug/L	0.0029	0.029	11/19/2018	12/3/2018	SW8270DSIM
2,6-Dinitrotoluene	< 0.0038	U	ug/L	0.0038	0.029	11/19/2018	12/3/2018	SW8270DSIM
3,4-Dinitrotoluene	< 0.0038	U	ug/L	0.0038	0.029	11/19/2018	12/3/2018	SW8270DSIM
3,5-Dinitrotoluene	< 0.0038	U	ug/L	0.0038	0.029	11/19/2018	12/3/2018	SW8270DSIM
Total Dinitrotoluenes	< 0.0076	U	ug/L	0.0076	0.029	11/19/2018	12/3/2018	SW8270DSIM

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 142
Well Address: S8237 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method

Qualifier Definitions:

=	Parameter was detected at the indicated concentration.
J	Parameter was detected above the reported level of detection but below the level of quantitation.
U	Parameter was not detected above the reported level of detection.

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 145
Well Address: S8202 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
Volatile Organic Compounds								
1,1,1,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1,1-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1,2,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1,2-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2,3-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2,3-Trichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2,4-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2,4-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dibromo-3-chloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dibromoethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,3,5-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,3-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,3-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,4-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
2,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
2-Butanone	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
2-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
2-Hexanone	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
4-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
4-Methyl-2-pentanone	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
Benzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromodichloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromoform	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromomethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Carbon disulfide	< 0.2	U	ug/L	0.2	0.4	11/19/2018	11/26/2018	SW8260C
Carbon tetrachloride	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Chlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Chloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Chloroform	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Chloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 145
Well Address: S8202 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
cis-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
cis-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dibromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dibromomethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dichlorodifluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Diisopropyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Ethyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Ethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Hexachlorobutadiene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Isopropylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
m & p-Xylene	< 0.2	U	ug/L	0.2	0.4	11/19/2018	11/26/2018	SW8260C
Methyl tert-butyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Methylene chloride	< 0.2	U	ug/L	0.2	1	11/19/2018	11/26/2018	SW8260C
Naphthalene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
n-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
n-Propylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
o-Xylene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
p-Isopropyltoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
sec-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Styrene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
tert-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Tetrachloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Tetrahydrofuran	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
Toluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
trans-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
trans-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Trichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Trichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Vinyl acetate	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
Vinyl chloride	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dinitrotoluenes SIM								
2,3-Dinitrotoluene	< 0.0058	U	ug/L	0.0058	0.029	11/19/2018	12/3/2018	SW8270DSIM
2,4-Dinitrotoluene	< 0.0077	U	ug/L	0.0077	0.029	11/19/2018	12/3/2018	SW8270DSIM
2,5-Dinitrotoluene	< 0.0029	U	ug/L	0.0029	0.029	11/19/2018	12/3/2018	SW8270DSIM
2,6-Dinitrotoluene	< 0.0038	U	ug/L	0.0038	0.029	11/19/2018	12/3/2018	SW8270DSIM
3,4-Dinitrotoluene	< 0.0038	U	ug/L	0.0038	0.029	11/19/2018	12/3/2018	SW8270DSIM
3,5-Dinitrotoluene	< 0.0038	U	ug/L	0.0038	0.029	11/19/2018	12/3/2018	SW8270DSIM
Total Dinitrotoluenes	< 0.0077	U	ug/L	0.0077	0.029	11/19/2018	12/3/2018	SW8270DSIM

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 145
Well Address: S8202 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method

Qualifier Definitions:

=	Parameter was detected at the indicated concentration.
J	Parameter was detected above the reported level of detection but below the level of quantitation.
U	Parameter was not detected above the reported level of detection.

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 148
Well Address: E12509 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
Volatile Organic Compounds								
1,1,1,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1,1-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1,2,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1,2-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2,3-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2,3-Trichloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2,4-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2,4-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dibromo-3-chloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dibromoethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,3,5-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,3-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,3-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,4-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
2,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
2-Butanone	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
2-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
2-Hexanone	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
4-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
4-Methyl-2-pentanone	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
Benzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromodichloromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromoform	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromomethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Carbon disulfide	< 0.2	U	ug/L	0.2	0.4	11/20/2018	11/26/2018	SW8260C
Carbon tetrachloride	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Chlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Chloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Chloroform	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Chloromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 148
Well Address: E12509 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
cis-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
cis-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dibromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dibromomethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dichlorodifluoromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Diisopropyl ether	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Ethyl ether	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Ethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Hexachlorobutadiene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Isopropylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
m & p-Xylene	< 0.2	U	ug/L	0.2	0.4	11/20/2018	11/26/2018	SW8260C
Methyl tert-butyl ether	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Methylene chloride	< 0.2	U	ug/L	0.2	1	11/20/2018	11/26/2018	SW8260C
Naphthalene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
n-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
n-Propylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
o-Xylene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
p-Isopropyltoluene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
sec-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Styrene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
tert-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Tetrachloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Tetrahydrofuran	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
Toluene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
trans-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
trans-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Trichloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Trichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Vinyl acetate	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
Vinyl chloride	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dinitrotoluenes SIM								
2,3-Dinitrotoluene	< 0.0058	U	ug/L	0.0058	0.029	11/20/2018	12/3/2018	SW8270DSIM
2,4-Dinitrotoluene	< 0.0077	U	ug/L	0.0077	0.029	11/20/2018	12/3/2018	SW8270DSIM
2,5-Dinitrotoluene	< 0.0029	U	ug/L	0.0029	0.029	11/20/2018	12/3/2018	SW8270DSIM
2,6-Dinitrotoluene	< 0.0038	U	ug/L	0.0038	0.029	11/20/2018	12/3/2018	SW8270DSIM
3,4-Dinitrotoluene	< 0.0038	U	ug/L	0.0038	0.029	11/20/2018	12/3/2018	SW8270DSIM
3,5-Dinitrotoluene	< 0.0038	U	ug/L	0.0038	0.029	11/20/2018	12/3/2018	SW8270DSIM
Total Dinitrotoluenes	< 0.0077	U	ug/L	0.0077	0.029	11/20/2018	12/3/2018	SW8270DSIM

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 148
Well Address: E12509 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method

Qualifier Definitions:

=	Parameter was detected at the indicated concentration.
J	Parameter was detected above the reported level of detection but below the level of quantitation.
U	Parameter was not detected above the reported level of detection.

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 645
Well Address: S8210 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
Volatile Organic Compounds								
1,1,1,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1,1-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1,2,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1,2-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2,3-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2,3-Trichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2,4-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2,4-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dibromo-3-chloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dibromoethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,3,5-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,3-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,3-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,4-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
2,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
2-Butanone	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
2-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
2-Hexanone	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
4-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
4-Methyl-2-pentanone	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
Benzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromodichloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromoform	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromomethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Carbon disulfide	< 0.2	U	ug/L	0.2	0.4	11/19/2018	11/26/2018	SW8260C
Carbon tetrachloride	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Chlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Chloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Chloroform	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Chloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 645
Well Address: S8210 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
cis-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
cis-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dibromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dibromomethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dichlorodifluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Diisopropyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Ethyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Ethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Hexachlorobutadiene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Isopropylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
m & p-Xylene	< 0.2	U	ug/L	0.2	0.4	11/19/2018	11/26/2018	SW8260C
Methyl tert-butyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Methylene chloride	< 0.2	U	ug/L	0.2	1	11/19/2018	11/26/2018	SW8260C
Naphthalene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
n-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
n-Propylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
o-Xylene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
p-Isopropyltoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
sec-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Styrene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
tert-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Tetrachloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Tetrahydrofuran	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
Toluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
trans-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
trans-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Trichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Trichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Vinyl acetate	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
Vinyl chloride	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dinitrotoluenes SIM								
2,3-Dinitrotoluene	< 0.0058	U	ug/L	0.0058	0.029	11/19/2018	12/3/2018	SW8270DSIM
2,4-Dinitrotoluene	< 0.0077	U	ug/L	0.0077	0.029	11/19/2018	12/3/2018	SW8270DSIM
2,5-Dinitrotoluene	< 0.0029	U	ug/L	0.0029	0.029	11/19/2018	12/3/2018	SW8270DSIM
2,6-Dinitrotoluene	< 0.0038	U	ug/L	0.0038	0.029	11/19/2018	12/3/2018	SW8270DSIM
3,4-Dinitrotoluene	< 0.0038	U	ug/L	0.0038	0.029	11/19/2018	12/3/2018	SW8270DSIM
3,5-Dinitrotoluene	< 0.0038	U	ug/L	0.0038	0.029	11/19/2018	12/3/2018	SW8270DSIM
Total Dinitrotoluenes	< 0.0077	U	ug/L	0.0077	0.029	11/19/2018	12/3/2018	SW8270DSIM

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 645
Well Address: S8210 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method

Qualifier Definitions:

=	Parameter was detected at the indicated concentration.
J	Parameter was detected above the reported level of detection but below the level of quantitation.
U	Parameter was not detected above the reported level of detection.

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 826
Well Address: S8194 Highway 78

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
Volatile Organic Compounds								
1,1,1,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1,1-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1,2,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1,2-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2,3-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2,3-Trichloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2,4-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2,4-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dibromo-3-chloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dibromoethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,3,5-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,3-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,3-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,4-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
2,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
2-Butanone	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
2-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
2-Hexanone	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
4-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
4-Methyl-2-pentanone	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
Benzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromodichloromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromoform	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromomethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Carbon disulfide	< 0.2	U	ug/L	0.2	0.4	11/20/2018	11/26/2018	SW8260C
Carbon tetrachloride	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Chlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Chloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Chloroform	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Chloromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 826
Well Address: S8194 Highway 78

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
cis-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
cis-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dibromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dibromomethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dichlorodifluoromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Diisopropyl ether	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Ethyl ether	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Ethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Hexachlorobutadiene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Isopropylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
m & p-Xylene	< 0.2	U	ug/L	0.2	0.4	11/20/2018	11/26/2018	SW8260C
Methyl tert-butyl ether	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Methylene chloride	< 0.2	U	ug/L	0.2	1	11/20/2018	11/26/2018	SW8260C
Naphthalene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
n-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
n-Propylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
o-Xylene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
p-Isopropyltoluene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
sec-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Styrene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
tert-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Tetrachloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Tetrahydrofuran	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
Toluene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
trans-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
trans-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Trichloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Trichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Vinyl acetate	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
Vinyl chloride	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dinitrotoluenes SIM								
2,3-Dinitrotoluene	< 0.0059	U	ug/L	0.0059	0.029	11/20/2018	12/3/2018	SW8270DSIM
2,4-Dinitrotoluene	< 0.0078	U	ug/L	0.0078	0.029	11/20/2018	12/3/2018	SW8270DSIM
2,5-Dinitrotoluene	< 0.0029	U	ug/L	0.0029	0.029	11/20/2018	12/3/2018	SW8270DSIM
2,6-Dinitrotoluene	< 0.0039	U	ug/L	0.0039	0.029	11/20/2018	12/3/2018	SW8270DSIM
3,4-Dinitrotoluene	< 0.0039	U	ug/L	0.0039	0.029	11/20/2018	12/3/2018	SW8270DSIM
3,5-Dinitrotoluene	< 0.0039	U	ug/L	0.0039	0.029	11/20/2018	12/3/2018	SW8270DSIM
Total Dinitrotoluenes	< 0.0078	U	ug/L	0.0078	0.029	11/20/2018	12/3/2018	SW8270DSIM

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 826
Well Address: S8194 Highway 78

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method

Qualifier Definitions:

=	Parameter was detected at the indicated concentration.
J	Parameter was detected above the reported level of detection but below the level of quantitation.
U	Parameter was not detected above the reported level of detection.

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 901
Well Address: E12513 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
Volatile Organic Compounds								
1,1,1,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1,1-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1,2,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1,2-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2,3-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2,3-Trichloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2,4-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2,4-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dibromo-3-chloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dibromoethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,3,5-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,3-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,3-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,4-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
2,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
2-Butanone	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
2-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
2-Hexanone	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
4-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
4-Methyl-2-pentanone	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
Benzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromodichloromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromoform	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromomethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Carbon disulfide	< 0.2	U	ug/L	0.2	0.4	11/20/2018	11/26/2018	SW8260C
Carbon tetrachloride	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Chlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Chloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Chloroform	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Chloromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 901
Well Address: E12513 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
cis-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
cis-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dibromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dibromomethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dichlorodifluoromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Diisopropyl ether	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Ethyl ether	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Ethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Hexachlorobutadiene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Isopropylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
m & p-Xylene	< 0.2	U	ug/L	0.2	0.4	11/20/2018	11/26/2018	SW8260C
Methyl tert-butyl ether	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Methylene chloride	< 0.2	U	ug/L	0.2	1	11/20/2018	11/26/2018	SW8260C
Naphthalene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
n-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
n-Propylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
o-Xylene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
p-Isopropyltoluene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
sec-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Styrene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
tert-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Tetrachloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Tetrahydrofuran	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
Toluene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
trans-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
trans-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Trichloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Trichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Vinyl acetate	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
Vinyl chloride	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dinitrotoluenes SIM								
2,3-Dinitrotoluene	< 0.0057	U	ug/L	0.0057	0.029	11/20/2018	12/3/2018	SW8270DSIM
2,4-Dinitrotoluene	< 0.0076	U	ug/L	0.0076	0.029	11/20/2018	12/3/2018	SW8270DSIM
2,5-Dinitrotoluene	< 0.0029	U	ug/L	0.0029	0.029	11/20/2018	12/3/2018	SW8270DSIM
2,6-Dinitrotoluene	< 0.0038	U	ug/L	0.0038	0.029	11/20/2018	12/3/2018	SW8270DSIM
3,4-Dinitrotoluene	< 0.0038	U	ug/L	0.0038	0.029	11/20/2018	12/3/2018	SW8270DSIM
3,5-Dinitrotoluene	< 0.0038	U	ug/L	0.0038	0.029	11/20/2018	12/3/2018	SW8270DSIM
Total Dinitrotoluenes	< 0.0076	U	ug/L	0.0076	0.029	11/20/2018	12/3/2018	SW8270DSIM

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 901
Well Address: E12513 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method

Qualifier Definitions:

=	Parameter was detected at the indicated concentration.
J	Parameter was detected above the reported level of detection but below the level of quantitation.
U	Parameter was not detected above the reported level of detection.

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 903
Well Address: E12550 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
Volatile Organic Compounds								
1,1,1,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1,1-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1,2,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1,2-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2,3-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2,3-Trichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2,4-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2,4-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dibromo-3-chloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dibromoethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,3,5-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,3-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,3-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,4-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
2,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
2-Butanone	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
2-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
2-Hexanone	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
4-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
4-Methyl-2-pentanone	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
Benzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromodichloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromoform	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromomethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Carbon disulfide	< 0.2	U	ug/L	0.2	0.4	11/19/2018	11/26/2018	SW8260C
Carbon tetrachloride	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Chlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Chloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Chloroform	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Chloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 903
Well Address: E12550 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
cis-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
cis-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dibromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dibromomethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dichlorodifluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Diisopropyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Ethyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Ethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Hexachlorobutadiene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Isopropylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
m & p-Xylene	< 0.2	U	ug/L	0.2	0.4	11/19/2018	11/26/2018	SW8260C
Methyl tert-butyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Methylene chloride	< 0.2	U	ug/L	0.2	1	11/19/2018	11/26/2018	SW8260C
Naphthalene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
n-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
n-Propylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
o-Xylene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
p-Isopropyltoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
sec-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Styrene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
tert-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Tetrachloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Tetrahydrofuran	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
Toluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
trans-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
trans-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Trichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Trichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Vinyl acetate	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
Vinyl chloride	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dinitrotoluenes SIM								
2,3-Dinitrotoluene	< 0.0058	U	ug/L	0.0058	0.029	11/19/2018	12/3/2018	SW8270DSIM
2,4-Dinitrotoluene	< 0.0078	U	ug/L	0.0078	0.029	11/19/2018	12/3/2018	SW8270DSIM
2,5-Dinitrotoluene	< 0.0029	U	ug/L	0.0029	0.029	11/19/2018	12/3/2018	SW8270DSIM
2,6-Dinitrotoluene	< 0.0039	U	ug/L	0.0039	0.029	11/19/2018	12/3/2018	SW8270DSIM
3,4-Dinitrotoluene	< 0.0039	U	ug/L	0.0039	0.029	11/19/2018	12/3/2018	SW8270DSIM
3,5-Dinitrotoluene	< 0.0039	U	ug/L	0.0039	0.029	11/19/2018	12/3/2018	SW8270DSIM
Total Dinitrotoluenes	< 0.0078	U	ug/L	0.0078	0.029	11/19/2018	12/3/2018	SW8270DSIM

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 903
Well Address: E12550 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method

Qualifier Definitions:

=	Parameter was detected at the indicated concentration.
J	Parameter was detected above the reported level of detection but below the level of quantitation.
U	Parameter was not detected above the reported level of detection.

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 915
Well Address: E12515 Spear Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
Volatile Organic Compounds								
1,1,1,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1,1,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1,1-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1,1-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1,2,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1,2,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1,2-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1,2-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2,3-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2,3-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2,3-Trichloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2,3-Trichloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2,4-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2,4-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2,4-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2,4-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dibromo-3-chloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dibromo-3-chloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dibromoethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dibromoethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,3,5-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,3,5-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,3-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,3-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,3-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,3-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 915
Well Address: E12515 Spear Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
1,4-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,4-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
2,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
2,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
2-Butanone	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
2-Butanone	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
2-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
2-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
2-Hexanone	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
2-Hexanone	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
4-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
4-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
4-Methyl-2-pentanone	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
4-Methyl-2-pentanone	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
Benzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Benzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromodichloromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromodichloromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromoform	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromoform	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromomethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromomethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Carbon disulfide	< 0.2	U	ug/L	0.2	0.4	11/20/2018	11/26/2018	SW8260C
Carbon disulfide	< 0.2	U	ug/L	0.2	0.4	11/20/2018	11/26/2018	SW8260C
Carbon tetrachloride	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Carbon tetrachloride	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Chlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Chlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Chloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Chloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Chloroform	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Chloroform	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Chloromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Chloromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
cis-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C

CT Laboratories, LLC
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Well Code: 915
Well Address: E12515 Spear Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
cis-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
cis-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
cis-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dibromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dibromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dibromomethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dibromomethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dichlorodifluoromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dichlorodifluoromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Diisopropyl ether	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Diisopropyl ether	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Ethyl ether	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Ethyl ether	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Ethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Ethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Hexachlorobutadiene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Hexachlorobutadiene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Isopropylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Isopropylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
m & p-Xylene	< 0.2	U	ug/L	0.2	0.4	11/20/2018	11/26/2018	SW8260C
m & p-Xylene	< 0.2	U	ug/L	0.2	0.4	11/20/2018	11/26/2018	SW8260C
Methyl tert-butyl ether	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Methyl tert-butyl ether	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Methylene chloride	< 0.2	U	ug/L	0.2	1	11/20/2018	11/26/2018	SW8260C
Methylene chloride	< 0.2	U	ug/L	0.2	1	11/20/2018	11/26/2018	SW8260C
Naphthalene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Naphthalene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
n-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
n-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
n-Propylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
n-Propylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
o-Xylene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
o-Xylene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
p-Isopropyltoluene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
p-Isopropyltoluene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
sec-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
sec-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C

CT Laboratories, LLC
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Well Code: 915
Well Address: E12515 Spear Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
Styrene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Styrene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
tert-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
tert-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Tetrachloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Tetrachloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Tetrahydrofuran	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
Tetrahydrofuran	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
Toluene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Toluene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
trans-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
trans-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
trans-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
trans-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Trichloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Trichloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Trichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Trichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Vinyl acetate	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
Vinyl acetate	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
Vinyl chloride	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Vinyl chloride	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dinitrotoluenes SIM								
2,3-Dinitrotoluene	< 0.0058	U	ug/L	0.0058	0.029	11/20/2018	12/3/2018	SW8270DSIM
2,3-Dinitrotoluene	< 0.0058	U	ug/L	0.0058	0.029	11/20/2018	12/3/2018	SW8270DSIM
2,4-Dinitrotoluene	< 0.0078	U	ug/L	0.0078	0.029	11/20/2018	12/3/2018	SW8270DSIM
2,4-Dinitrotoluene	< 0.0077	U	ug/L	0.0077	0.029	11/20/2018	12/3/2018	SW8270DSIM
2,5-Dinitrotoluene	< 0.0029	U	ug/L	0.0029	0.029	11/20/2018	12/3/2018	SW8270DSIM
2,5-Dinitrotoluene	< 0.0029	U	ug/L	0.0029	0.029	11/20/2018	12/3/2018	SW8270DSIM
2,6-Dinitrotoluene	< 0.0039	U	ug/L	0.0039	0.029	11/20/2018	12/3/2018	SW8270DSIM
2,6-Dinitrotoluene	< 0.0038	U	ug/L	0.0038	0.029	11/20/2018	12/3/2018	SW8270DSIM
3,4-Dinitrotoluene	< 0.0038	U	ug/L	0.0038	0.029	11/20/2018	12/3/2018	SW8270DSIM
3,4-Dinitrotoluene	< 0.0039	U	ug/L	0.0039	0.029	11/20/2018	12/3/2018	SW8270DSIM
3,5-Dinitrotoluene	< 0.0039	U	ug/L	0.0039	0.029	11/20/2018	12/3/2018	SW8270DSIM
3,5-Dinitrotoluene	< 0.0038	U	ug/L	0.0038	0.029	11/20/2018	12/3/2018	SW8270DSIM
Total Dinitrotoluenes	< 0.0077	U	ug/L	0.0077	0.029	11/20/2018	12/3/2018	SW8270DSIM
Total Dinitrotoluenes	< 0.0078	U	ug/L	0.0078	0.029	11/20/2018	12/3/2018	SW8270DSIM

Qualifier Definitions:

CT Laboratories, LLC
Badger Army Ammunition Plant
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November 2018

Well Code: 915
Well Address: E12515 Spear Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method

=	Parameter was detected at the indicated concentration.
J	Parameter was detected above the reported level of detection but below the level of quantitation.
U	Parameter was not detected above the reported level of detection.

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 933
Well Address: S8217 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
Volatile Organic Compounds								
1,1,1,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1,1-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1,2,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1,2-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,1-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2,3-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2,3-Trichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2,4-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2,4-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dibromo-3-chloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dibromoethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,3,5-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,3-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,3-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
1,4-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
2,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
2-Butanone	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
2-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
2-Hexanone	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
4-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
4-Methyl-2-pentanone	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
Benzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromodichloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromoform	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Bromomethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Carbon disulfide	< 0.2	U	ug/L	0.2	0.4	11/19/2018	11/26/2018	SW8260C
Carbon tetrachloride	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Chlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Chloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Chloroform	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Chloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 933
Well Address: S8217 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
cis-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
cis-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dibromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dibromomethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dichlorodifluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Diisopropyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Ethyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Ethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Hexachlorobutadiene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Isopropylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
m & p-Xylene	< 0.2	U	ug/L	0.2	0.4	11/19/2018	11/26/2018	SW8260C
Methyl tert-butyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Methylene chloride	< 0.2	U	ug/L	0.2	1	11/19/2018	11/26/2018	SW8260C
Naphthalene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
n-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
n-Propylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
o-Xylene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
p-Isopropyltoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
sec-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Styrene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
tert-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Tetrachloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Tetrahydrofuran	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
Toluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
trans-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
trans-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Trichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Trichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Vinyl acetate	< 1	U	ug/L	1	2	11/19/2018	11/26/2018	SW8260C
Vinyl chloride	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/26/2018	SW8260C
Dinitrotoluenes SIM								
2,3-Dinitrotoluene	< 0.0058	U	ug/L	0.0058	0.029	11/19/2018	12/3/2018	SW8270DSIM
2,4-Dinitrotoluene	< 0.0077	U	ug/L	0.0077	0.029	11/19/2018	12/3/2018	SW8270DSIM
2,5-Dinitrotoluene	< 0.0029	U	ug/L	0.0029	0.029	11/19/2018	12/3/2018	SW8270DSIM
2,6-Dinitrotoluene	< 0.0038	U	ug/L	0.0038	0.029	11/19/2018	12/3/2018	SW8270DSIM
3,4-Dinitrotoluene	< 0.0038	U	ug/L	0.0038	0.029	11/19/2018	12/3/2018	SW8270DSIM
3,5-Dinitrotoluene	< 0.0038	U	ug/L	0.0038	0.029	11/19/2018	12/3/2018	SW8270DSIM
Total Dinitrotoluenes	< 0.0077	U	ug/L	0.0077	0.029	11/19/2018	12/3/2018	SW8270DSIM

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 933
Well Address: S8217 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method

Qualifier Definitions:

=	Parameter was detected at the indicated concentration.
J	Parameter was detected above the reported level of detection but below the level of quantitation.
U	Parameter was not detected above the reported level of detection.

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 940
Well Address: S8256 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
Volatile Organic Compounds								
1,1,1,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,1,1-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,1,2,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,1,2-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,1-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,1-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,1-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,2,3-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,2,3-Trichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,2,4-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,2,4-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,2-Dibromo-3-chloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,2-Dibromoethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,2-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,2-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,3,5-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,3-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,3-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
1,4-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
2,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
2-Butanone	< 1	U	ug/L	1	2	11/19/2018	11/21/2018	SW8260C
2-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
2-Hexanone	< 1	U	ug/L	1	2	11/19/2018	11/21/2018	SW8260C
4-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
4-Methyl-2-pentanone	< 1	U	ug/L	1	2	11/19/2018	11/21/2018	SW8260C
Benzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Bromobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Bromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Bromodichloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Bromoform	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Bromomethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Carbon disulfide	< 0.2	U	ug/L	0.2	0.4	11/19/2018	11/21/2018	SW8260C
Carbon tetrachloride	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Chlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Chloroethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Chloroform	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Chloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 940
Well Address: S8256 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
cis-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
cis-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Dibromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Dibromomethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Dichlorodifluoromethane	1.5	=	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Dichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Diisopropyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Ethyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Ethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Hexachlorobutadiene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Isopropylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
m & p-Xylene	< 0.2	U	ug/L	0.2	0.4	11/19/2018	11/21/2018	SW8260C
Methyl tert-butyl ether	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Methylene chloride	< 0.2	U	ug/L	0.2	1	11/19/2018	11/21/2018	SW8260C
Naphthalene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
n-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
n-Propylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
o-Xylene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
p-Isopropyltoluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
sec-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Styrene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
tert-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Tetrachloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Tetrahydrofuran	< 1	U	ug/L	1	2	11/19/2018	11/21/2018	SW8260C
Toluene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
trans-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
trans-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Trichloroethene	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Trichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Vinyl acetate	< 1	U	ug/L	1	2	11/19/2018	11/21/2018	SW8260C
Vinyl chloride	< 0.1	U	ug/L	0.1	0.2	11/19/2018	11/21/2018	SW8260C
Dinitrotoluenes SIM								
2,3-Dinitrotoluene	< 0.0058	U	ug/L	0.0058	0.029	11/19/2018	11/29/2018	SW8270DSIM
2,4-Dinitrotoluene	< 0.0077	U	ug/L	0.0077	0.029	11/19/2018	11/29/2018	SW8270DSIM
2,5-Dinitrotoluene	< 0.0029	U	ug/L	0.0029	0.029	11/19/2018	11/29/2018	SW8270DSIM
2,6-Dinitrotoluene	< 0.0038	U	ug/L	0.0038	0.029	11/19/2018	11/29/2018	SW8270DSIM
3,4-Dinitrotoluene	< 0.0038	U	ug/L	0.0038	0.029	11/19/2018	11/29/2018	SW8270DSIM
3,5-Dinitrotoluene	< 0.0038	U	ug/L	0.0038	0.029	11/19/2018	11/29/2018	SW8270DSIM
Total Dinitrotoluenes	< 0.0077	U	ug/L	0.0077	0.029	11/19/2018	11/29/2018	SW8270DSIM

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 940
Well Address: S8256 Inspiration Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method

Qualifier Definitions:

=	Parameter was detected at the indicated concentration.
J	Parameter was detected above the reported level of detection but below the level of quantitation.
U	Parameter was not detected above the reported level of detection.

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 953
Well Address: E12586A Spear Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
Volatile Organic Compounds								
1,1,1,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1,1-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1,2,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1,2-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2,3-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2,3-Trichloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2,4-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2,4-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dibromo-3-chloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dibromoethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,3,5-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,3-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,3-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,4-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
2,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
2-Butanone	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
2-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
2-Hexanone	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
4-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
4-Methyl-2-pentanone	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
Benzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromodichloromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromoform	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromomethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Carbon disulfide	< 0.2	U	ug/L	0.2	0.4	11/20/2018	11/26/2018	SW8260C
Carbon tetrachloride	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Chlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Chloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Chloroform	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Chloromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 953
Well Address: E12586A Spear Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
cis-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
cis-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dibromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dibromomethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dichlorodifluoromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Diisopropyl ether	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Ethyl ether	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Ethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Hexachlorobutadiene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Isopropylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
m & p-Xylene	< 0.2	U	ug/L	0.2	0.4	11/20/2018	11/26/2018	SW8260C
Methyl tert-butyl ether	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Methylene chloride	< 0.2	U	ug/L	0.2	1	11/20/2018	11/26/2018	SW8260C
Naphthalene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
n-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
n-Propylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
o-Xylene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
p-Isopropyltoluene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
sec-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Styrene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
tert-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Tetrachloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Tetrahydrofuran	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
Toluene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
trans-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
trans-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Trichloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Trichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Vinyl acetate	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
Vinyl chloride	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dinitrotoluenes SIM								
2,3-Dinitrotoluene	< 0.0058	U	ug/L	0.0058	0.029	11/20/2018	12/3/2018	SW8270DSIM
2,4-Dinitrotoluene	0.11	=	ug/L	0.0077	0.029	11/20/2018	12/3/2018	SW8270DSIM
2,5-Dinitrotoluene	< 0.0029	U	ug/L	0.0029	0.029	11/20/2018	12/3/2018	SW8270DSIM
2,6-Dinitrotoluene	< 0.0038	U	ug/L	0.0038	0.029	11/20/2018	12/3/2018	SW8270DSIM
3,4-Dinitrotoluene	< 0.0038	U	ug/L	0.0038	0.029	11/20/2018	12/3/2018	SW8270DSIM
3,5-Dinitrotoluene	< 0.0038	U	ug/L	0.0038	0.029	11/20/2018	12/3/2018	SW8270DSIM
Total Dinitrotoluenes	0.11	=	ug/L	0.0077	0.029	11/20/2018	12/3/2018	SW8270DSIM

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 953
Well Address: E12586A Spear Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method

Qualifier Definitions:

=	Parameter was detected at the indicated concentration.
J	Parameter was detected above the reported level of detection but below the level of quantitation.
U	Parameter was not detected above the reported level of detection.

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
December 2018

Well Code: 953
Well Address: E12586A Spear Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
Dinitrotoluenes SIM								
2,3-Dinitrotoluene	< 0.0058	U	ug/L	0.0058	0.029	12/5/2018	12/10/2018	SW8270DSIM
2,3-Dinitrotoluene	< 0.0058	U	ug/L	0.0058	0.029	12/5/2018	12/10/2018	SW8270DSIM
2,4-Dinitrotoluene	< 0.0077	U	ug/L	0.0077	0.029	12/5/2018	12/10/2018	SW8270DSIM
2,4-Dinitrotoluene	< 0.0078	U	ug/L	0.0078	0.029	12/5/2018	12/10/2018	SW8270DSIM
2,5-Dinitrotoluene	< 0.0029	U	ug/L	0.0029	0.029	12/5/2018	12/10/2018	SW8270DSIM
2,5-Dinitrotoluene	< 0.0029	U	ug/L	0.0029	0.029	12/5/2018	12/10/2018	SW8270DSIM
2,6-Dinitrotoluene	< 0.0038	U	ug/L	0.0038	0.029	12/5/2018	12/10/2018	SW8270DSIM
2,6-Dinitrotoluene	< 0.0039	U	ug/L	0.0039	0.029	12/5/2018	12/10/2018	SW8270DSIM
3,4-Dinitrotoluene	< 0.0038	U	ug/L	0.0038	0.029	12/5/2018	12/10/2018	SW8270DSIM
3,4-Dinitrotoluene	< 0.0039	U	ug/L	0.0039	0.029	12/5/2018	12/10/2018	SW8270DSIM
3,5-Dinitrotoluene	< 0.0038	U	ug/L	0.0038	0.029	12/5/2018	12/10/2018	SW8270DSIM
3,5-Dinitrotoluene	< 0.0039	U	ug/L	0.0039	0.029	12/5/2018	12/10/2018	SW8270DSIM
Total Dinitrotoluenes	< 0.0077	U	ug/L	0.0077	0.029	12/5/2018	12/10/2018	SW8270DSIM
Total Dinitrotoluenes	< 0.0078	U	ug/L	0.0078	0.029	12/5/2018	12/10/2018	SW8270DSIM

Qualifier Definitions:

= Parameter was detected at the indicated concentration.

J Parameter was detected above the reported level of detection but below the level of quantitation.

U Parameter was not detected above the reported level of detection.

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
December 2018

Well Code: 953
Well Address: E12586A Spear Drive

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
Dinitrotoluenes SIM								
2,3-Dinitrotoluene	< 0.0061	U	ug/L	0.0061	0.03	12/20/2018	12/26/2018	SW8270DSIM
2,3-Dinitrotoluene	< 0.0061	U	ug/L	0.0061	0.03	12/20/2018	12/26/2018	SW8270DSIM
2,4-Dinitrotoluene	< 0.0081	U	ug/L	0.0081	0.03	12/20/2018	12/26/2018	SW8270DSIM
2,4-Dinitrotoluene	< 0.0081	U	ug/L	0.0081	0.03	12/20/2018	12/26/2018	SW8270DSIM
2,5-Dinitrotoluene	< 0.003	U	ug/L	0.003	0.03	12/20/2018	12/26/2018	SW8270DSIM
2,5-Dinitrotoluene	< 0.003	U	ug/L	0.003	0.03	12/20/2018	12/26/2018	SW8270DSIM
2,6-Dinitrotoluene	< 0.004	U	ug/L	0.004	0.03	12/20/2018	12/26/2018	SW8270DSIM
2,6-Dinitrotoluene	< 0.004	U	ug/L	0.004	0.03	12/20/2018	12/26/2018	SW8270DSIM
3,4-Dinitrotoluene	< 0.004	U	ug/L	0.004	0.03	12/20/2018	12/26/2018	SW8270DSIM
3,4-Dinitrotoluene	< 0.004	U	ug/L	0.004	0.03	12/20/2018	12/26/2018	SW8270DSIM
3,5-Dinitrotoluene	< 0.004	U	ug/L	0.004	0.03	12/20/2018	12/26/2018	SW8270DSIM
3,5-Dinitrotoluene	< 0.004	U	ug/L	0.004	0.03	12/20/2018	12/26/2018	SW8270DSIM
Total Dinitrotoluenes	< 0.0081	U	ug/L	0.0081	0.03	12/20/2018	12/26/2018	SW8270DSIM
Total Dinitrotoluenes	< 0.0081	U	ug/L	0.0081	0.03	12/20/2018	12/26/2018	SW8270DSIM

Qualifier Definitions:

= Parameter was detected at the indicated concentration.

J Parameter was detected above the reported level of detection but below the level of quantitation.

U Parameter was not detected above the reported level of detection.

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 963
Well Address: S8897 Keller Road

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
Volatile Organic Compounds								
1,1,1,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1,1-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1,2,2-Tetrachloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1,2-Trichloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,1-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2,3-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2,3-Trichloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2,4-Trichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2,4-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dibromo-3-chloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dibromoethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dichloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,3,5-Trimethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,3-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,3-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
1,4-Dichlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
2,2-Dichloropropane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
2-Butanone	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
2-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
2-Hexanone	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
4-Chlorotoluene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
4-Methyl-2-pentanone	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
Benzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromodichloromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromoform	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Bromomethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Carbon disulfide	< 0.2	U	ug/L	0.2	0.4	11/20/2018	11/26/2018	SW8260C
Carbon tetrachloride	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Chlorobenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Chloroethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Chloroform	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Chloromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 963
Well Address: S8897 Keller Road

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method
cis-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
cis-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dibromochloromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dibromomethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dichlorodifluoromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Diisopropyl ether	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Ethyl ether	3	=	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Ethylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Hexachlorobutadiene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Isopropylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
m & p-Xylene	< 0.2	U	ug/L	0.2	0.4	11/20/2018	11/26/2018	SW8260C
Methyl tert-butyl ether	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Methylene chloride	< 0.2	U	ug/L	0.2	1	11/20/2018	11/26/2018	SW8260C
Naphthalene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
n-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
n-Propylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
o-Xylene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
p-Isopropyltoluene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
sec-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Styrene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
tert-Butylbenzene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Tetrachloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Tetrahydrofuran	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
Toluene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
trans-1,2-Dichloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
trans-1,3-Dichloropropene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Trichloroethene	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Trichlorofluoromethane	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Vinyl acetate	< 1	U	ug/L	1	2	11/20/2018	11/26/2018	SW8260C
Vinyl chloride	< 0.1	U	ug/L	0.1	0.2	11/20/2018	11/26/2018	SW8260C
Dinitrotoluenes SIM								
2,3-Dinitrotoluene	< 0.006	U	ug/L	0.006	0.03	11/20/2018	12/3/2018	SW8270DSIM
2,4-Dinitrotoluene	< 0.008	U	ug/L	0.008	0.03	11/20/2018	12/3/2018	SW8270DSIM
2,5-Dinitrotoluene	< 0.003	U	ug/L	0.003	0.03	11/20/2018	12/3/2018	SW8270DSIM
2,6-Dinitrotoluene	< 0.004	U	ug/L	0.004	0.03	11/20/2018	12/3/2018	SW8270DSIM
3,4-Dinitrotoluene	< 0.004	U	ug/L	0.004	0.03	11/20/2018	12/3/2018	SW8270DSIM
3,5-Dinitrotoluene	< 0.004	U	ug/L	0.004	0.03	11/20/2018	12/3/2018	SW8270DSIM
Total Dinitrotoluenes	< 0.008	U	ug/L	0.008	0.03	11/20/2018	12/3/2018	SW8270DSIM

CT Laboratories, LLC
Badger Army Ammunition Plant
Laboratory Results
November 2018

Well Code: 963
Well Address: S8897 Keller Road

Parameter	Result	Qualifier	Unit	LOD	LOQ	Date Collected	Date Analyzed	Method

Qualifier Definitions:

=	Parameter was detected at the indicated concentration.
J	Parameter was detected above the reported level of detection but below the level of quantitation.
U	Parameter was not detected above the reported level of detection.