

**November 2025**

**Monitoring Well and Residential Well Groundwater Data**

**Badger Army Ammunition Plant**

**Central Plume**

**Deterrent Burning Ground Plume**

**List of Attachments**

Figure 1 November 2025 Sampled Wells

Figure 2 Total DNT November 2025 Central Plume

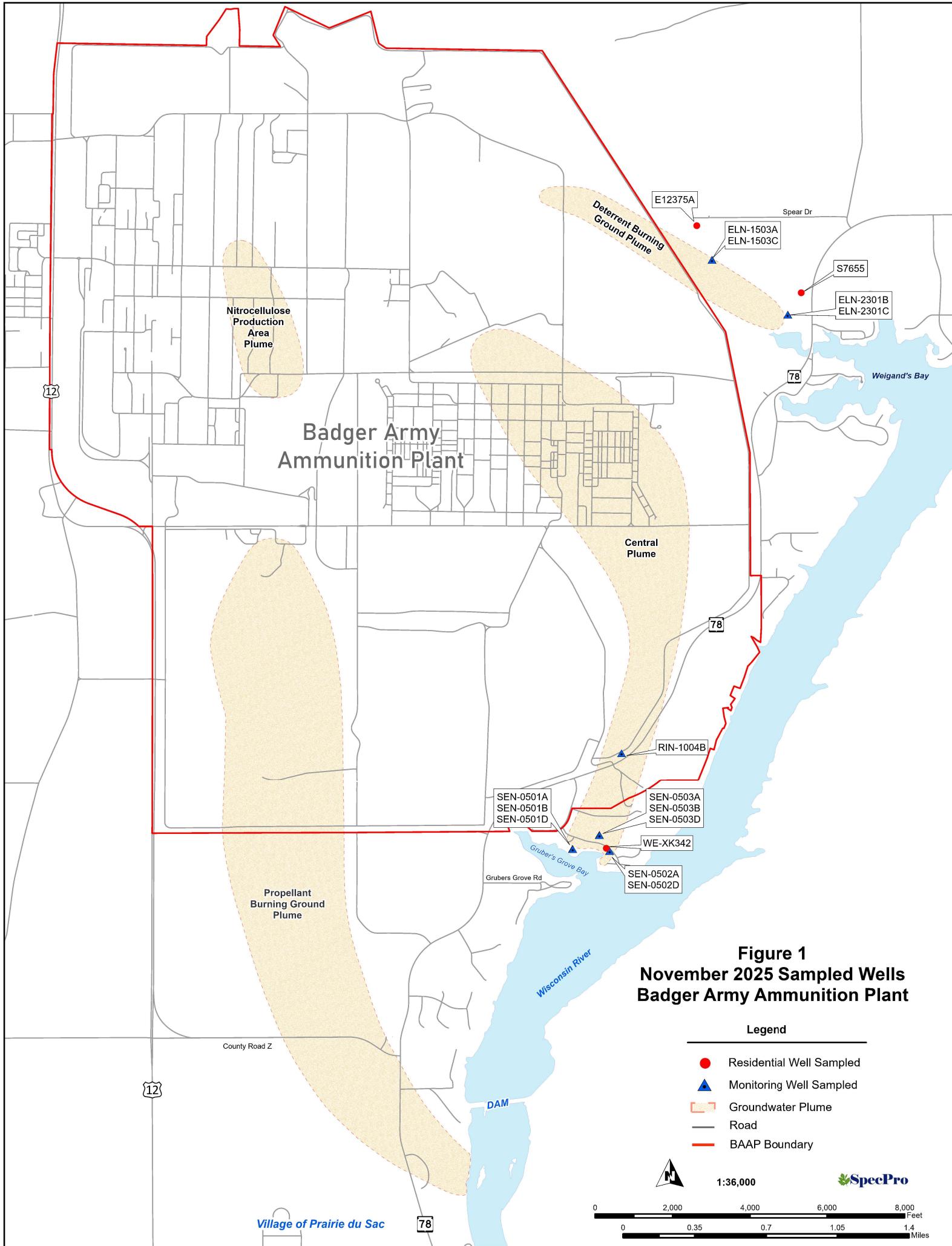
Figure 3 Total DNT November 2025 DBG Plume

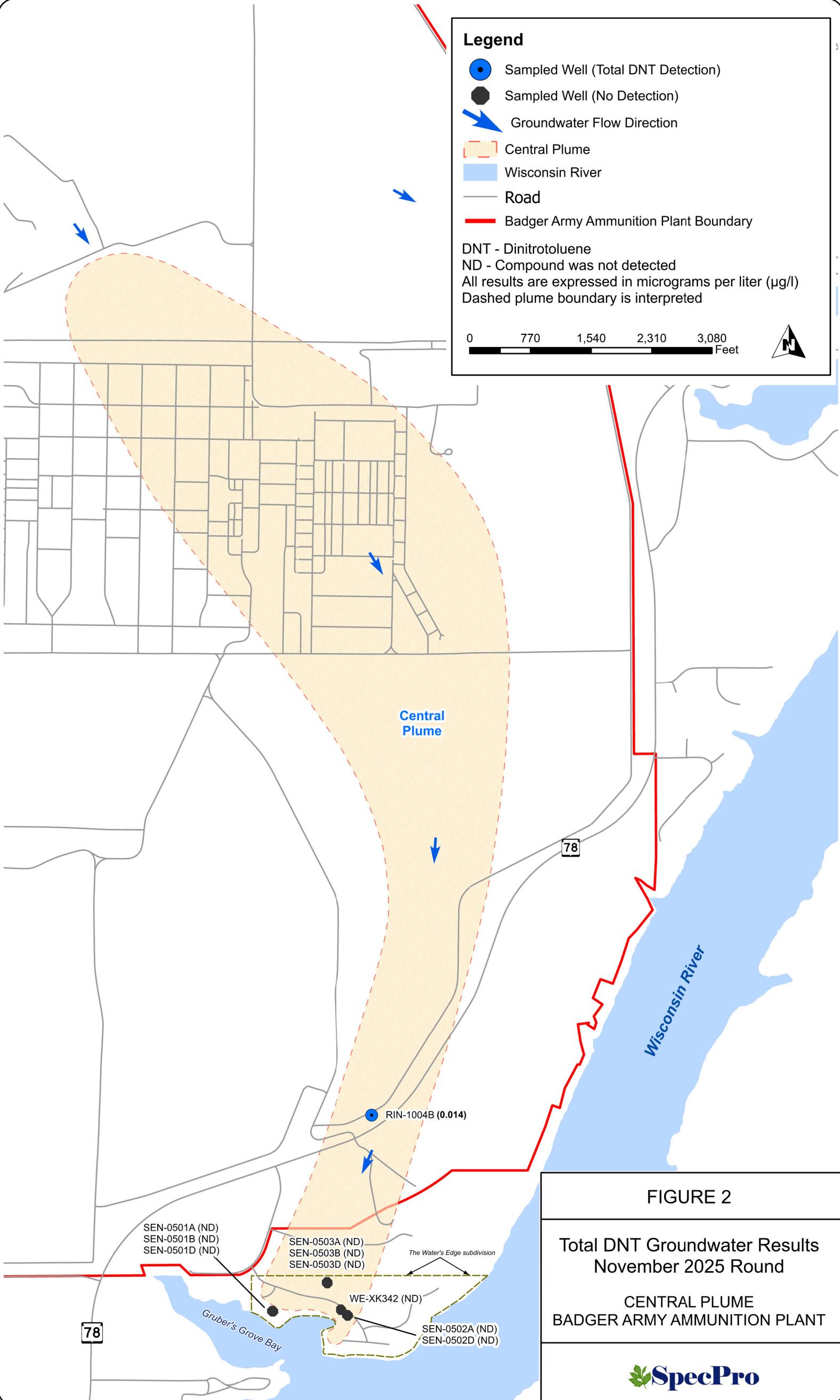
November 2025 Sampled Wells List

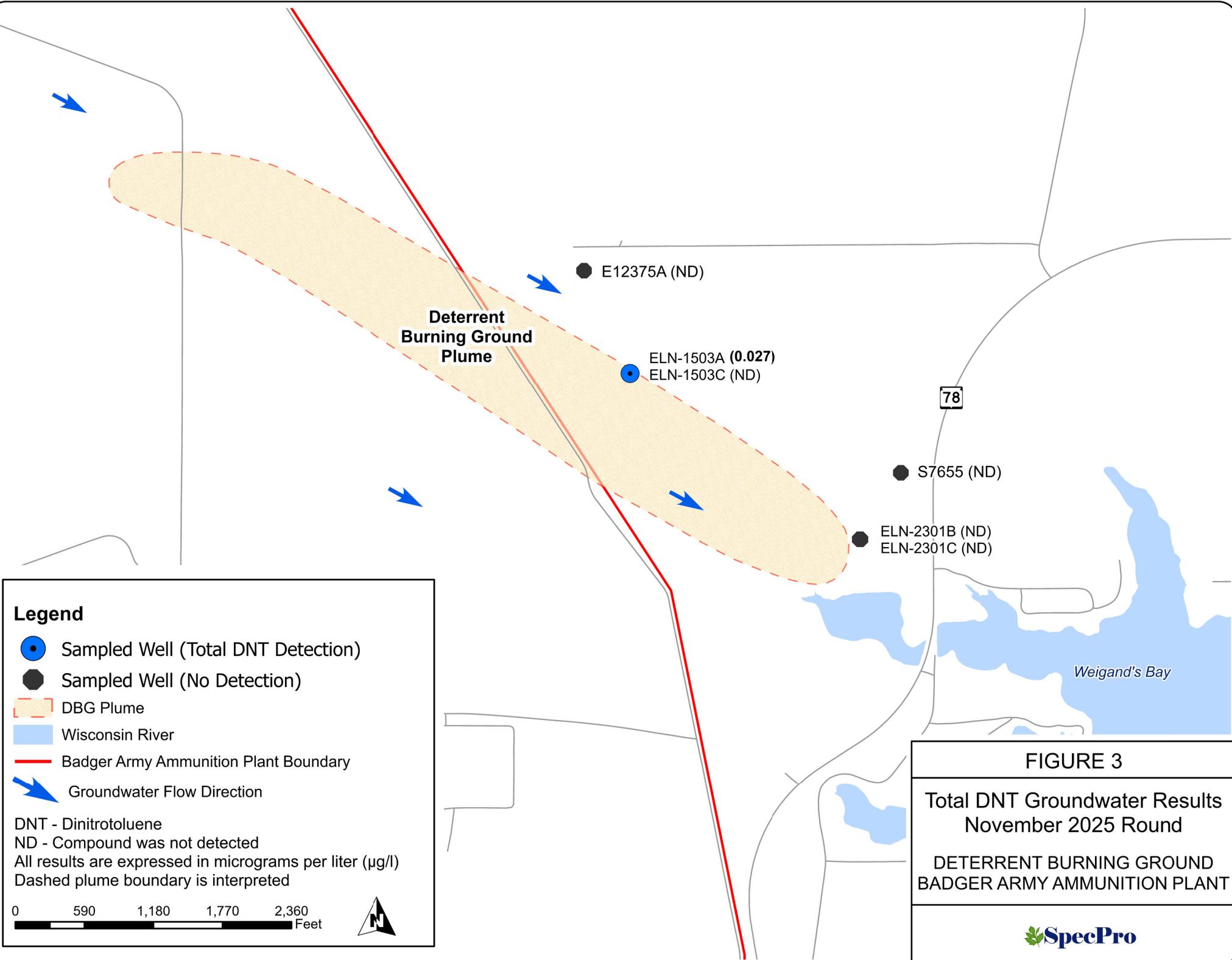
Residential Groundwater Results Summary - November 2025

Environmental Monitoring Data Certification Forms per License Area

Groundwater Monitoring Exceedance & Hits Reports per License Area







November 2025  
Badger Army Ammunition Plant  
Sampled Wells List

<u>License Area</u>	<u>Well ID</u>	<u>Reporting Name</u>	<u>Date</u>	<u>Plume</u>
2813	535	ELN-1503A	11/4/25	Deterrent Burning Ground
2813	536	ELN-1503C	11/4/25	Deterrent Burning Ground
2813	547	ELN-2301B	11/4/25	Deterrent Burning Ground
2813	548	ELN-2301C	11/4/25	Deterrent Burning Ground
3487	498	RIN-1004B	11/4/25	Central
3497	435	WE-XK342	11/4/25	Central
3497	803	E12375A	11/4/25	Deterrent Burning Ground
3497	916	S7655	11/4/25	Deterrent Burning Ground
4330	580	SEN-0501A	11/4/25	Central
4330	581	SEN-0501B	11/4/25	Central
4330	582	SEN-0501D	11/4/25	Central
4330	583	SEN-0502A	11/4/25	Central
4330	584	SEN-0502D	11/4/25	Central
4330	585	SEN-0503A	11/4/25	Central
4330	586	SEN-0503B	11/4/25	Central
4330	587	SEN-0503D	11/4/25	Central

## Residential Groundwater Results Summary - November 2025 Sampling Event

All results are expressed as $\mu\text{g/l}$ (micrograms per liter)											
Nov '25 Round	Level of Detection	Level of Quantitation									
2,3-DNT	0.0058	0.048		= Under PAL and ES							
2,4-DNT	0.0077	0.048		= Over Preventive Action Limit (PAL)							
2,5-DNT	0.0048	0.048		= Over Enforcement Standard (ES)							
2,6-DNT	0.0048	0.048		= No PAL or ES established							
3,4-DNT	0.0048	0.048		= Not Tested							
3,5-DNT	0.0077	0.048	ND	= Compound was not detected							
*Level of detection and level of quantitation may change each round.											
Well No.	Well Name or Address	Shared With	Analyzed By	Sample Date	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2,3-Dinitrotoluene	3,4-Dinitrotoluene	2,5-Dinitrotoluene	3,5-Dinitrotoluene	Dinitrotoluene, Total
435	WE-XK342	S8741, S8737	CT Lab	11/4/2025	ND						
803	E12375A		CT Lab	11/4/2025	ND						
916	S7655		CT Lab	11/4/2025	ND						

CT Lab = CT Laboratories, LLC

2,4-DNT, 2,6-DNT & Total DNT - NR 140 PAL = 0.005 µg/l

2,4-DNT, 2,6-DNT & Total DNT - NR 140 ES = 0.05 µg/l

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 - WA5

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 Facility Solutions - 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 - Landfill #5	02813	157005530	11/4/25

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

November 2025

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

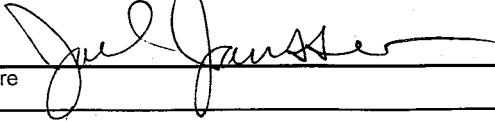
Project Manager

(608) 438-1110

Facility Representative Name (Print)

Title

(Area Code) Telephone No.



12/22/25

Signature

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 2813  
Landfill #5  
November 2025  
Badger Army Ammunition Plant

Groundwater is currently being monitored by the facility because of past production activities. Four monitoring wells were sampled to assist with determining the degree and lateral extent of dinitrotoluene (DNT) in the Deterrent Burning Ground Plume.

Total DNT exceeded the Preventive Action Limit (PAL) in ELN-1503A (535).

DNT analysis was performed by CT Laboratories using method SW 8270D SIM. 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.

# Badger Army Ammunition Plant

SpecPro Professional Services, LLC

## GROUNDWATER MONITORING EXCEEDANCE REPORT

November 2025

Report Date: 12/22/2025

Parameter Name	Lic No.	Well No.	Well Name	Date	Dup	Result	Units	PAL	ES
Total Dinitrotoluenes	2813	535	ELN-1503A	11/4/2025	1	0.016	ug/l	0.005	0.05
Total Dinitrotoluenes	2813	535	ELN-1503A	11/4/2025	2	0.027	ug/l	0.005	0.05

# Badger Army Ammunition Plant

SpecPro Professional Services, LLC

November 2025

## GROUNDWATER MONITORING ALL HITS REPORT

License No: 2813

Report Date: 12/22/2025

Parameter Name	Well	Well Name	Date	Dup	Result	LOD	LOQ	Units	PAL	ES
3,4-Dinitrotoluene	535	ELN-1503A	11/4/2025	1	0.016	0.0048	0.048	ug/l		
3,4-Dinitrotoluene	535	ELN-1503A	11/4/2025	2	0.027	0.0049	0.049	ug/l		
Total Dinitrotoluenes	535	ELN-1503A	11/4/2025	2	0.027	0.0078	0.049	ug/l	0.005	0.05
Total Dinitrotoluenes	535	ELN-1503A	11/4/2025	1	0.016	0.0077	0.048	ug/l	0.005	0.05

State of Wisconsin  
Department of Natural Resources

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- 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

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

SpecPro Facility Solutions - 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 - Nitroglycerine Pond/Rocket Paste Area	03487	157005530	11/4/25

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

November 2025

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

Date

*12/22/25*

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

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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 3487  
Nitroglycerine Pond/Rocket Paste Area  
November 2025  
Badger Army Ammunition Plant

Groundwater is currently being monitored by the facility because of past production activities. One monitoring well, RIN-1004B, was sampled to assist with determining the degree and lateral extent of dinitrotoluene (DNT) in the Central Plume.

2,6-DNT and total DNT exceeded the Preventive Action Limit (PAL) in RIN-1004B (498).

DNT analysis was performed by CT Laboratories using method SW 8270D SIM. 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.

# Badger Army Ammunition Plant

SpecPro Professional Services, LLC

## GROUNDWATER MONITORING EXCEEDANCE REPORT

November 2025

Report Date: 12/22/2025

Parameter Name	Lic No.	Well No.	Well Name	Date	Dup	Result	Units	PAL	ES
2,6-Dinitrotoluene	3487	498	RIN-1004B	11/4/2025	1	0.014	ug/l	0.005	0.05
Total Dinitrotoluenes	3487	498	RIN-1004B	11/4/2025	1	0.014	ug/l	0.005	0.05

# Badger Army Ammunition Plant

SpecPro Professional Services, LLC

November 2025

## GROUNDWATER MONITORING ALL HITS REPORT

License No: 3487

Report Date: 12/22/2025

Parameter Name	Well	Well Name	Date	Dup	Result	LOD	LOQ	Units	PAL	ES
2,6-Dinitrotoluene	498	RIN-1004B	11/4/2025	1	0.014	0.0048	0.048	ug/l	0.005	0.05
Total Dinitrotoluenes	498	RIN-1004B	11/4/2025	1	0.014	0.0077	0.048	ug/l	0.005	0.05

State of Wisconsin  
Department of Natural Resources

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Wisconsin Department of Natural Resources  
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Madison WI 53707-7921

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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	11/4/25

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

November 2025

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.  
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Joel Janssen

Project Manager

(608) 438-1110

Facility Representative Name (Print)

Title

(Area Code) Telephone No.

12/22/25

Signature

Date

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Case Narrative  
Groundwater Monitoring  
License Number 3497  
Off-Site Residential Wells  
November 2025  
Badger Army Ammunition Plant

Groundwater is currently being monitored by the facility because of past production activities. One residential well located in the Central Plume and two residential wells located east of the Deterrent Burning Ground Plume were sampled during this round.

Dinitrotoluene (DNT) was not detected in the three sampled residential wells.

DNT analysis was performed by CT Laboratories using method SW 8270D SIM. 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.

State of Wisconsin  
Department of Natural Resources

Environmental Monitoring Data Certification  
Form 4400-231(R 1/04)

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SpecPro Facility Solutions - 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 - Southeast Area	04330	157005530	11/4/25

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

November 2025

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?

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Joel Janssen

Project Manager

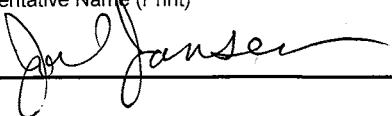
(608) 438-1110

Facility Representative Name (Print)

Title

(Area Code) Telephone No.

Signature



12/22/25

Date

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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 4330  
Southeast Area  
November 2025  
Badger Army Ammunition Plant

Groundwater is currently being monitored by the facility because of past production activities. Eight monitoring wells were sampled to assist with determining the degree and lateral extent of dinitrotoluene (DNT) in the Central Plume. All eight monitoring wells are located in the Water's Edge Subdivision on Gruber's Grove Bay.

DNT was not detected in the eight sampled monitoring wells.

Chloroform exceeded the Preventive Action Limit (PAL) in SEN-0502D (584) and SEN-0503D (587).

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 8270D SIM. 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.

# Badger Army Ammunition Plant

SpecPro Professional Services, LLC

## GROUNDWATER MONITORING EXCEEDANCE REPORT

November 2025

Report Date: 12/22/2025

Parameter Name	Lic No.	Well No.	Well Name	Date	Dup	Result	Units	PAL	ES
Chloroform	4330	584	SEN-0502D	11/4/2025	1	0.91	ug/l	0.6	6
Chloroform	4330	587	SEN-0503D	11/4/2025	1	1	ug/l	0.6	6

# Badger Army Ammunition Plant

SpecPro Professional Services, LLC

November 2025

## GROUNDWATER MONITORING ALL HITS REPORT

License No: 4330

Report Date: 12/22/2025

Parameter Name	Well	Well Name	Date	Dup	Result	LOD	LOQ	Units	PAL	ES
Chloroform	582	SEN-0501D	11/4/2025	1	0.44	0.1	0.2	ug/l	0.6	6
Chloroform	584	SEN-0502D	11/4/2025	1	0.91	0.1	0.2	ug/l	0.6	6
Chloroform	586	SEN-0503B	11/4/2025	1	0.13	0.1	0.2	ug/l	0.6	6
Chloroform	587	SEN-0503D	11/4/2025	1	1	0.1	0.2	ug/l	0.6	6