

September 2025

Monitoring Well Groundwater Data Attachments

Badger Army Ammunition Plant

Deterrent Burning Ground Plume

Nitrocellulose Production Area Plume

Propellant Burning Ground Plume

List of Attachments

Figure 1 September 2025 Sampled Wells

Figure 2 Total DNT September 2025 DBG Plume

Figure 3 Total DNT September 2025 NC Plume

Figure 4 Total DNT September 2025 PBG Plume

Table 1 DNT Summary Table DBG Plume

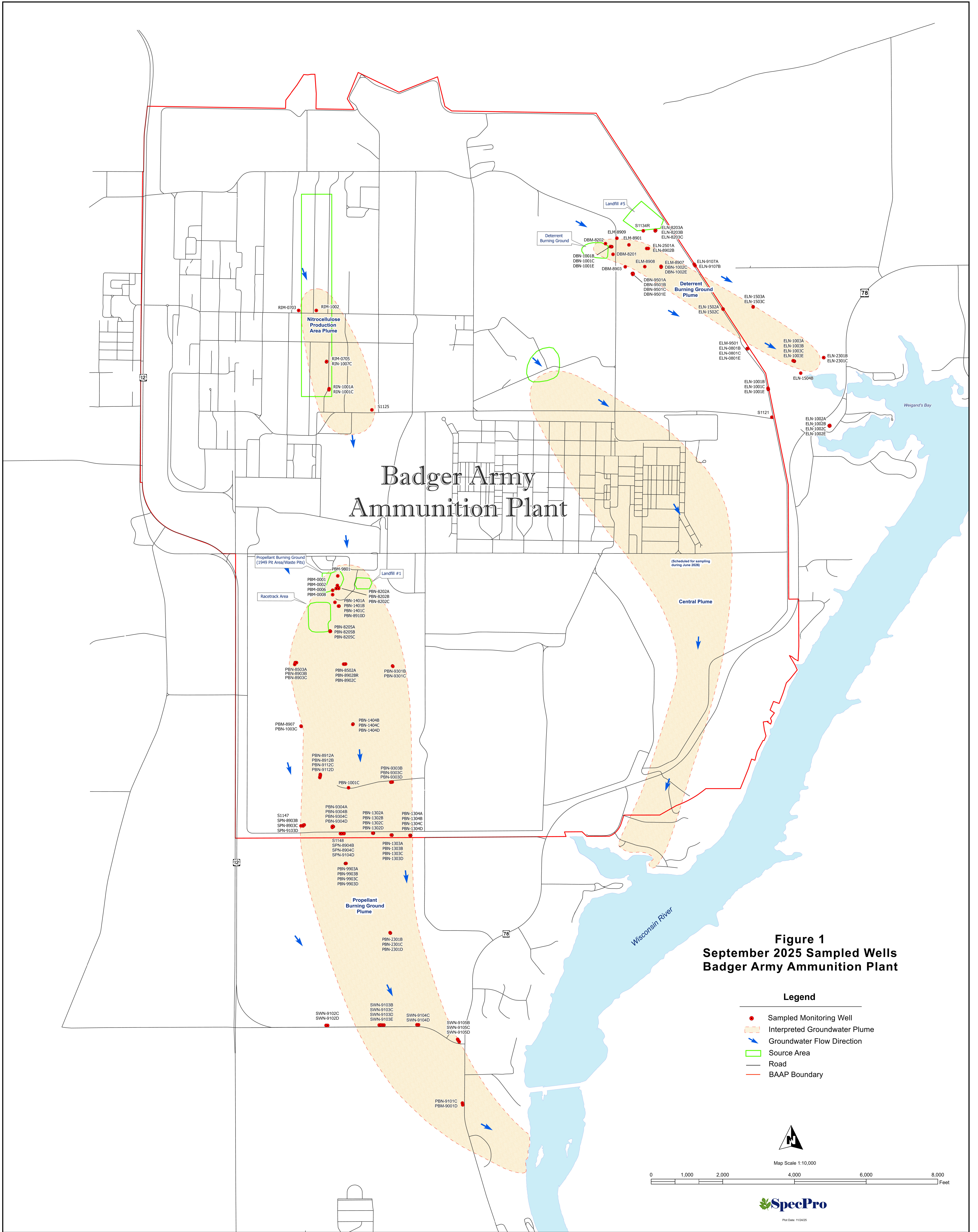
Table 2 DNT Summary Table PBG Plume

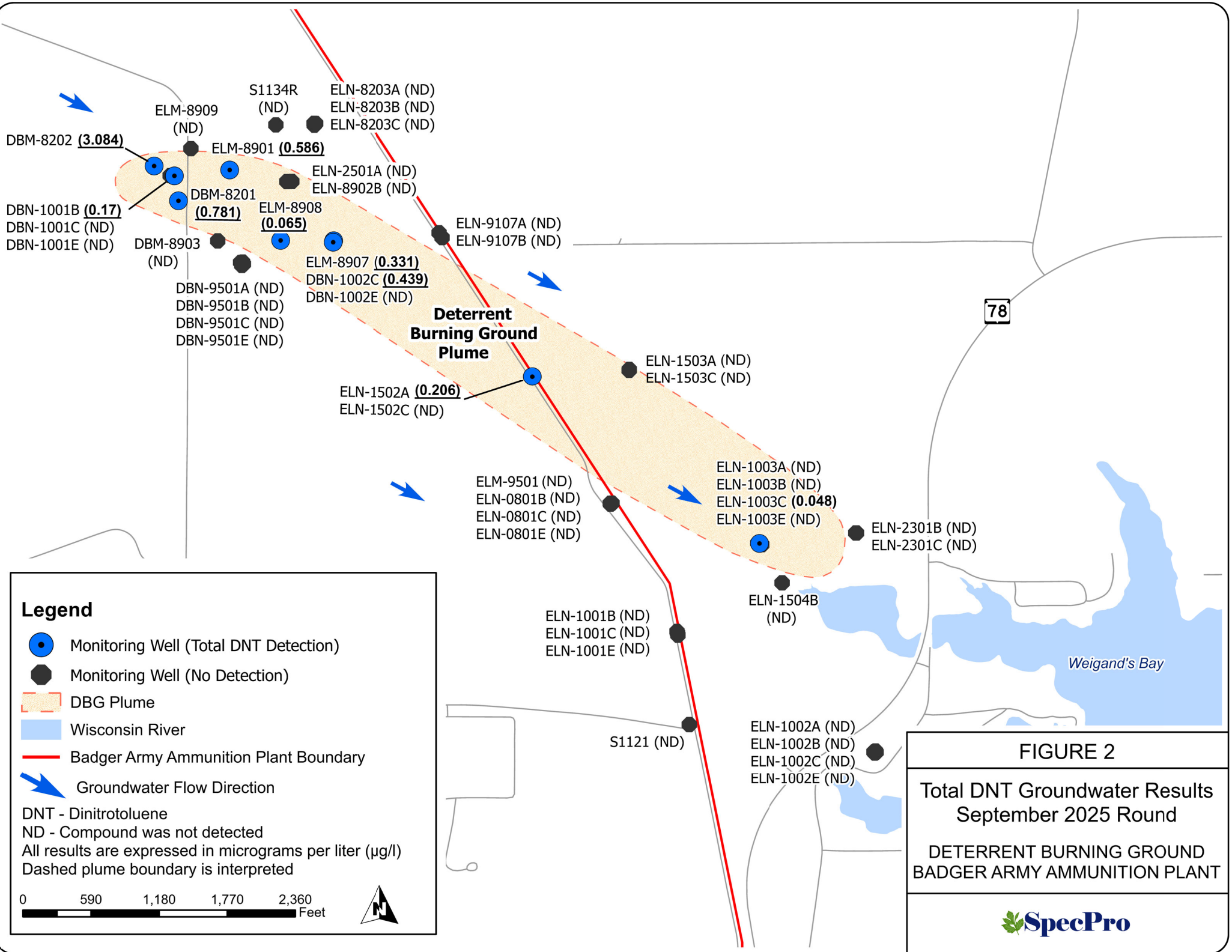
Graph of Total DNT vs Groundwater Elevation in PBN-8202A

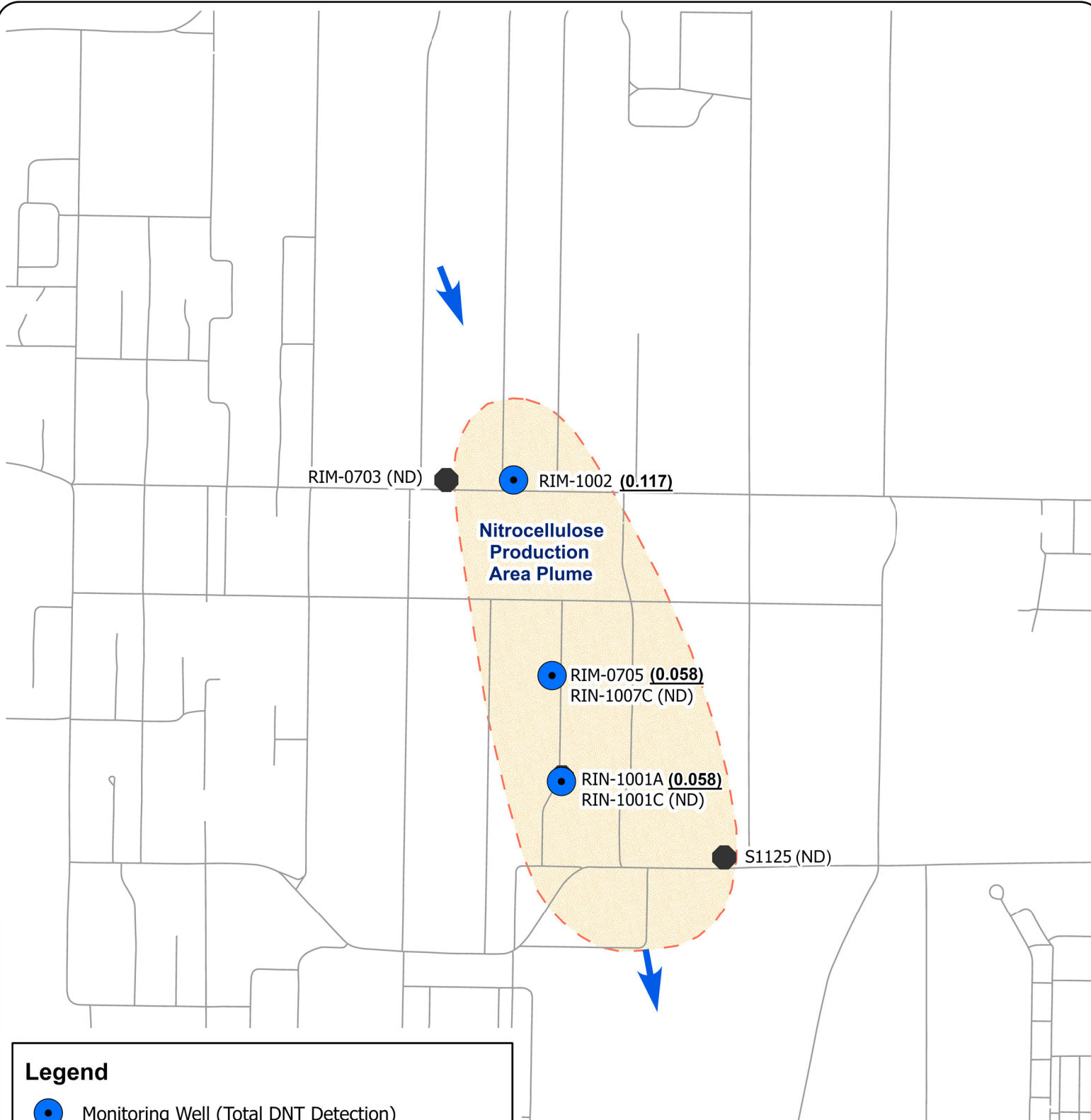
September 2025 Sampled Wells List

Environmental Monitoring Data Certification Forms per License Area

Groundwater Monitoring Exceedance & Hits Reports per License Area







Legend

-  Monitoring Well (Total DNT Detection)
-  Monitoring Well (No Detection)
-  NC Plume
-  Groundwater Flow Direction

DNT - Dinitrotoluene
 ND - Compound was not detected
 All results are expressed in micrograms per liter ($\mu\text{g/l}$)
 Dashed plume boundary is interpreted

0 590 1,180 1,770 2,360 Feet



FIGURE 3

Total DNT Groundwater Results
 September 2025 Round

NITROCELLULOSE PRODUCTION AREA
 BADGER ARMY AMMUNITION PLANT



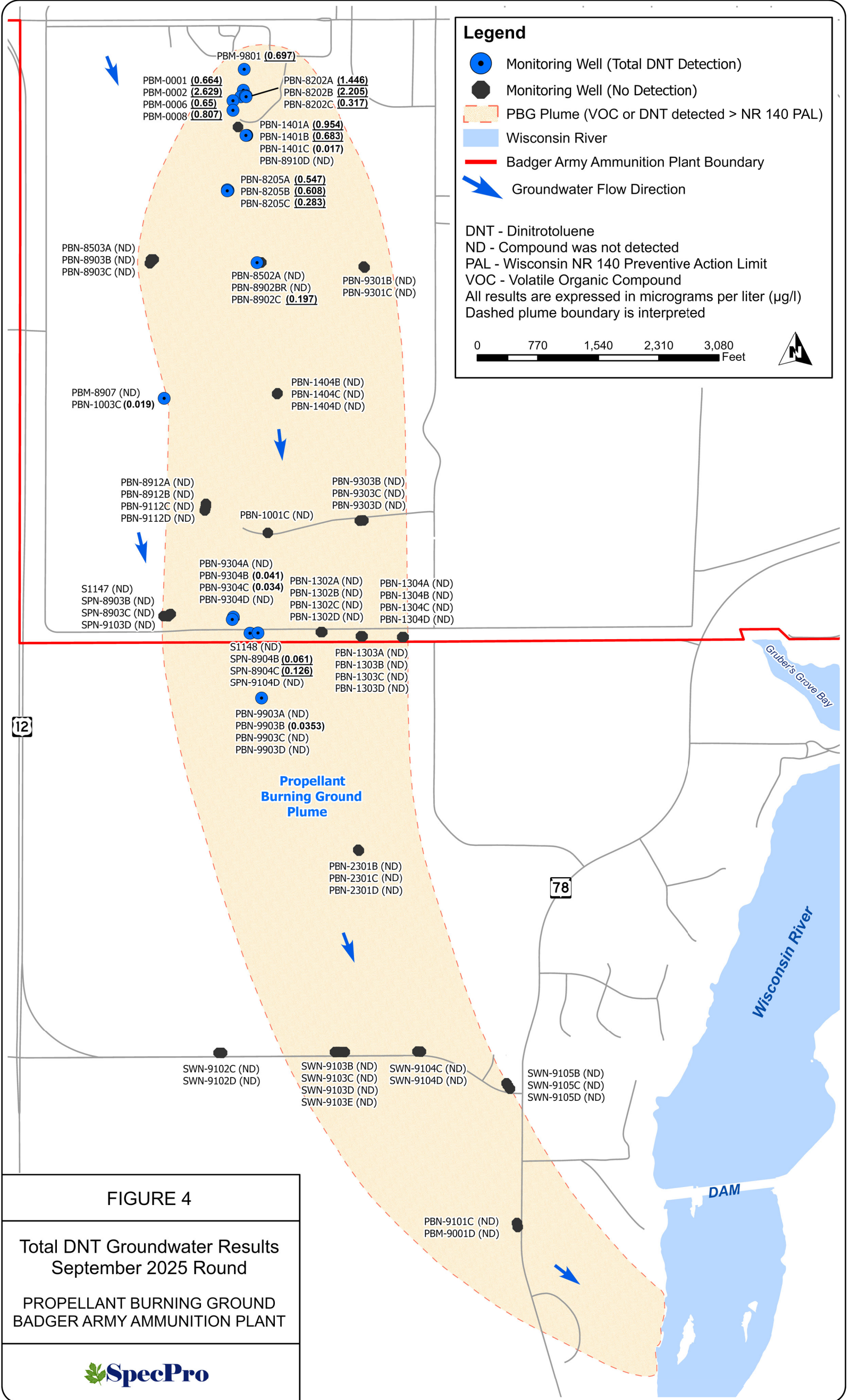


Table 1
2016 - 2025 Summary
Dinitrotoluene Groundwater Results
Deterrent Burning Ground
Badger Army Ammunition Plant

Plume	Well Name	Well ID	License	Sample Level	Date	Dinitrotoluenes						
						2,3-Dinitrotoluene	2,4-Dinitrotoluene	2,5-Dinitrotoluene	2,6-Dinitrotoluene	3,4-Dinitrotoluene	3,5-Dinitrotoluene	Dinitrotoluene, Total
DBG	ELN-1003B	468	2813	B	9/19/16	<0.006	<0.008	<0.003	<0.004	<0.004	<0.004	<0.008
					9/19/16 (D)	<0.006	<0.008	<0.003	<0.004	<0.004	<0.004	<0.008
					4/25/17	<0.006	<0.008	<0.003	<0.004	0.051	<0.004	<u>0.051</u>
					9/12/17	0.014 (J)	<0.0082	<0.0031	<0.0041	0.054	<0.0041	<u>0.068</u>
					4/26/18	0.029 (J)	0.026 (J)	0.028 (J)	0.024 (J)	0.1	0.025 (J)	<u>0.232</u>
					4/26/18 (D)	0.029 (J)	0.024 (J)	0.027 (J)	0.023 (J)	0.097	0.025 (J)	<u>0.225</u>
					5/14/18	0.03	<0.008	<0.003	0.036	0.12	<0.004	<u>0.186</u>
					6/28/18	0.059	<0.0076	<0.0029	<0.0038	0.12	<0.0038	<u>0.179</u>
					10/3/18	0.032	<0.0078	<0.0029	0.01 (J)	0.15	<0.0039	<u>0.192</u>
					10/3/18 (D)	0.031	<0.0081	<0.003	0.01 (J)	0.13	<0.004	<u>0.171</u>
					11/15/18	0.078	<0.0081	<0.003	<u>0.072</u>	0.17	<0.004	<u>0.32</u>
					4/23/19	0.045	<0.0078	<0.0029	<0.0039	0.12	<0.0039	<u>0.165</u>
					6/13/19	0.033	<0.0078	<0.0029	0.02 (J)	0.13	<0.0039	<u>0.183</u>
					6/13/19 (D)	0.033	<0.0077	<0.0029	0.019 (J)	0.13	<0.0038	<u>0.182</u>
					9/17/19	0.048	<0.0082	<0.0031	0.023 (J)	0.16	<0.0041	<u>0.231</u>
					9/17/19 (D)	0.048	<0.0082	<0.0031	0.022 (J)	0.15	<0.0041	<u>0.22</u>
					11/20/19	0.053	<0.0078	<0.0029	<0.0039	0.17	<0.0039	<u>0.223</u>
					5/6/20	<0.0063	<0.0083	<0.0031	<0.0042	0.13	<0.0042	<u>0.13</u>
					6/11/20	0.051	<0.0081	<0.003	<0.004	0.13	<0.004	<u>0.181</u>
					9/22/20	0.041	<0.0076	<0.0029	<0.0038	0.13	<0.0038	<u>0.171</u>
					11/9/20	0.04	<0.0082	<0.0031	<0.0041	0.13	<0.0041	<u>0.17</u>
					4/22/21	0.051 (J)	<0.0084	<0.0053	0.022 (J)	0.12	<0.0053	<u>0.193</u>
					4/22/21 (D)	0.048 (J)	<0.0082	<0.0051	0.022 (J)	0.12	<0.0051	<u>0.19</u>
					6/8/21	0.051 (J)	<0.0082	<0.0052	0.027 (J)	0.1	<0.0052	<u>0.178</u>
					6/8/21 (D)	0.053	<0.0084	<0.0053	0.029 (J)	0.1	<0.0053	<u>0.182</u>
					9/30/21	0.037 (J)	<0.0082	<0.0051	<0.0051	0.083	<0.0051	<u>0.12</u>
					11/9/21	0.038 (J)	<0.0077	<0.0048	<0.0048	0.086	<0.0048	<u>0.124</u>
					5/5/22	0.038 (J)	<0.0078	<0.0049	<0.0049	0.083	<0.0049	<u>0.121</u>
					7/7/22	0.041 (J)	<0.0078	<0.0049	<0.0049	0.084	<0.0049	<u>0.125</u>
					9/26/22	0.022 (J)	<0.0077	<0.0048	<0.0048	0.047 (J)	<0.0048	<u>0.069</u>
					11/9/22	0.038 (J)	<0.0076	<0.0048	<0.0048	0.092	<0.0048	<u>0.13</u>
					4/25/23	0.034 (J)	<0.0076	<0.0048	<0.0048	0.062	<0.0048	<u>0.096</u>
					6/27/23	0.022 (J)	<0.0077	<0.0048	<0.0048	0.061	<0.0048	<u>0.083</u>
					9/13/23	<0.0059	<0.0078	<0.0049	<0.0049	0.027 (J)	<0.0049	0.027 (J)
					9/13/23 (D)	<0.0058	<0.0077	<0.0048	<0.0048	0.025 (J)	<0.0048	0.025 (J)
					11/14/23	<0.0058	<0.0077	<0.0048	<0.0048	0.054	<0.0048	<u>0.054</u>
					4/10/24	<0.0057	<0.0076	<0.0048	<0.0048	0.026 (J)	<0.0048	0.026 (J)
					6/12/24	<0.0057	<0.0076	<0.0048	<0.0048	0.029 (J)	<0.0048	0.029 (J)
					9/11/24	<0.0057	<0.0076	<0.0048	<0.0048	0.028 (J)	<0.0048	0.028 (J)
					11/13/24	<0.0058	<0.0077	<0.0048	<0.0048	<0.0048	<0.0048	<0.0077
					4/21/25	<0.0059	<0.0079	<0.005	<0.005	0.034 (J)	<0.005	0.034 (J)
					6/30/25	<0.0058	<0.0077	<0.0048	<0.0048	0.045 (J)	<0.0048	0.045 (J)
					9/29/25	<0.0058	<0.0077	<0.0048	<0.0048	<0.0048	<0.0048	<0.0077

Table 1
2016 - 2025 Summary
Dinitrotoluene Groundwater Results
Deterrent Burning Ground
Badger Army Ammunition Plant

Plume	Well Name	Well ID	License	Sample Level	Date	Dinitrotoluenes						
						2,3-Dinitrotoluene	2,4-Dinitrotoluene	2,5-Dinitrotoluene	2,6-Dinitrotoluene	3,4-Dinitrotoluene	3,5-Dinitrotoluene	Dinitrotoluene, Total
DBG	ELN-1003C	469	2813	C	9/19/16	<0.0061	<0.0081	<0.003	<0.004	<0.004	<0.004	<0.0081
					4/25/17	<0.006	<0.008	<0.003	0.0085 (J)	<0.004	<0.004	0.0085 (J)
					9/12/17	<0.0064	<0.0085	<0.0032	<0.0043	<0.0043	<0.0043	<0.0085
					4/26/18	0.025 (J)	0.026 (J)	<0.003	0.023 (J)	<0.004	<0.004	0.074
					5/14/18	<0.0061	<0.0081	<0.003	0.029 (J)	0.079	<0.004	0.108
					6/28/18	<0.0057	<0.0076	<0.0029	<0.0038	<0.0038	<0.0038	<0.0076
					6/28/18 (D)	<0.0058	<0.0077	<0.0029	<0.0038	<0.0038	<0.0038	<0.0077
					10/3/18	0.024 (J)	<0.0078	<0.0029	0.0087 (J)	0.1	<0.0039	0.1327
					11/15/18	0.07	<0.0078	<0.0029	0.068	0.14	<0.0039	0.278
					4/23/19	<0.0058	<0.0078	<0.0029	<0.0039	0.09	<0.0039	0.09
					4/23/19 (D)	<0.0058	<0.0078	<0.0029	<0.0039	0.093	<0.0039	0.093
					6/13/19	0.028 (J)	<0.0082	<0.0031	0.022 (J)	0.11	<0.0041	0.16
					9/17/19	0.039	<0.0082	<0.0031	0.022 (J)	0.11	<0.0041	0.171
					11/20/19	<0.0059	<0.0079	<0.003	<0.004	0.13	<0.004	0.13
					11/20/19 (D)	<0.0059	<0.0079	<0.003	<0.004	0.13	<0.004	0.13
					5/6/20	<0.0064	<0.0085	<0.0032	<0.0043	0.13	<0.0043	0.13
					5/6/20 (D)	<0.0064	<0.0085	<0.0032	<0.0043	0.11	<0.0043	0.11
					6/11/20	0.05	<0.0084	<0.0032	0.035	0.13	<0.0042	0.215
					9/22/20	0.039	<0.0078	<0.0029	<0.0039	0.13	<0.0039	0.169
					11/9/20	0.038	<0.0082	<0.0031	<0.0041	0.14	<0.0041	0.178
					4/22/21	0.048 (J)	<0.0083	<0.0052	0.026 (J)	0.13	<0.0052	0.204
					6/8/21	0.054	<0.0084	<0.0053	0.031 (J)	0.12	<0.0053	0.205
					9/30/21	0.037 (J)	<0.008	<0.005	0.024 (J)	0.11	<0.005	0.171
					11/9/21	0.045 (J)	<0.0081	<0.0051	<0.0051	0.11	<0.0051	0.155
					5/5/22	0.046 (J)	<0.0083	<0.0052	0.033 (J)	0.11	<0.0052	0.189
					5/5/22 (D)	0.045 (J)	<0.0081	<0.0051	<0.0051	0.11	<0.0051	0.155
					7/7/22	0.044 (J)	<0.0079	<0.005	0.035 (J)	0.11	<0.005	0.189
					9/26/22	0.028 (J)	<0.0078	<0.0049	<0.0049	0.077	<0.0049	0.105
					11/9/22	0.047 (J)	<0.0076	<0.0048	0.031 (J)	0.13	<0.0048	0.208
					11/9/22 (D)	0.051	<0.008	<0.005	0.037 (J)	0.13	<0.005	0.218
					4/25/23	0.042 (J)	<0.008	<0.005	0.023 (J)	0.099	<0.005	0.164
					4/25/23 (D)	0.039 (J)	<0.0077	<0.0048	0.02 (J)	0.091	<0.0048	0.15
					6/27/23	0.032 (J)	<0.0079	<0.005	0.018 (J)	0.097	<0.005	0.147
					9/13/23	0.012 (J)	<0.0077	<0.0048	<0.0048	0.054	<0.0048	0.066
					11/14/23	0.036 (J)	<0.0078	<0.0049	<0.0049	0.08	<0.0048	0.116
					4/10/24	0.011 (J)	<0.0078	<0.0049	<0.0049	0.055	<0.0049	0.066
					6/12/24	0.018 (J)	<0.0078	<0.0049	<0.0049	0.06	<0.0049	0.078
					9/11/24	0.019 (J)	<0.0078	<0.0049	<0.0049	0.06	<0.0049	0.079
					11/13/24	0.019 (J)	<0.0077	<0.0048	<0.0048	0.053	<0.0048	0.072
					4/21/25	0.018 (J)	<0.0077	<0.0048	<0.0048	0.059	<0.0048	0.077
					6/30/25	0.028 (J)	<0.0085	<0.0053	<0.0053	0.074	<0.0053	0.102
					9/29/25	<0.0058	<0.0078	<0.0049	<0.0049	0.048 (J)	<0.0053	0.048 (J)

Table 1
2016 - 2025 Summary
Dinitrotoluene Groundwater Results
Deterrent Burning Ground
Badger Army Ammunition Plant

Plume	Well Name	Well ID	License	Sample Level	Date	Dinitrotoluenes						
						2,3-Dinitrotoluene	2,4-Dinitrotoluene	2,5-Dinitrotoluene	2,6-Dinitrotoluene	3,4-Dinitrotoluene	3,5-Dinitrotoluene	Dinitrotoluene, Total
DBG	ELN-1502A	533	2813	A	9/15/16	0.065	<0.008	<0.003	<0.004	0.13	<0.004	<u>0.195</u>
					4/18/17	0.11	<0.0082	<0.0031	0.011 (J)	0.28	<0.0041	<u>0.401</u>
					4/18/17 (D)	0.12	<0.0084	<0.0032	0.012 (J)	0.31	<0.0042	<u>0.442</u>
					9/5/17	0.13	<0.0082	<0.0031	<0.0041	0.28	0.023 (J)	<u>0.433</u>
					9/5/17 (D)	0.13	<0.008	<0.003	<0.004	0.34	0.022 (J)	<u>0.492</u>
					4/24/18	0.14	<0.0083	<0.0031	0.03 (J)	0.39	0.034	<u>0.594</u>
					4/24/18 (D)	0.13	<0.008	<0.003	0.027 (J)	0.38	<0.004	<u>0.537</u>
					5/14/18	0.17	<0.008	<0.003	<u>0.08</u>	0.44	<0.004	<u>0.69</u>
					9/4/18	0.16	<0.0082	<0.0031	0.011 (J)	0.42	0.036	<u>0.627</u>
					9/4/18 (D)	0.21	<0.008	<0.003	0.02 (J)	0.53	0.041	<u>0.801</u>
					4/1/19	0.17	<0.0082	<0.0031	0.024 (J)	0.37	0.054	<u>0.618</u>
					4/1/19 (D)	0.16	<0.0082	<0.0031	0.023 (J)	0.35	0.053	<u>0.586</u>
					9/10/19	0.13	<0.0083	<0.0031	0.026 (J)	0.3	0.051	<u>0.507</u>
					9/10/19 (D)	0.14	<0.0081	<0.003	0.027 (J)	0.32	0.05	<u>0.537</u>
					4/6/20	0.085	<0.0087	<0.0033	<0.0043	0.19	<0.0043	<u>0.275</u>
					4/6/20 (D)	0.076	<0.0082	<0.0031	<0.0041	0.17	<0.0041	<u>0.246</u>
					9/21/20	0.078	<0.008	<0.003	<0.004	0.16	0.03	<u>0.268</u>
					4/5/21	0.059	0.022 (J)	<0.0051	0.011 (J)	0.12	0.028 (J)	<u>0.24</u>
					4/5/21 (D)	0.058	0.027 (J)	<0.0052	0.012 (J)	0.12	0.028 (J)	<u>0.245</u>
					9/9/21	0.06	<0.0079	<0.005	<0.005	0.13	0.027 (J)	<u>0.217</u>
					9/9/21 (D)	0.061	<0.0078	<0.0049	0.018 (J)	0.13	0.026 (J)	<u>0.235</u>
					4/25/22	0.067	<0.0082	<0.0051	<0.0051	0.11	<0.0051	<u>0.177</u>
					4/25/22 (D)	0.069	<0.008	<0.005	<0.005	0.12	<0.005	<u>0.189</u>
					9/15/22	0.067	<0.0078	<0.0049	<0.0049	0.13	0.025 (J)	<u>0.222</u>
					4/10/23	0.091	<0.008	<0.005	<0.005	0.17	<0.005	<u>0.261</u>
					4/10/23 (D)	0.094	<0.005	<0.005	<0.005	0.17	<0.005	<u>0.264</u>
					9/11/23	0.084	<0.0082	<0.005	<0.005	0.17	<0.005	<u>0.254</u>
					9/11/23 (D)	0.091	<0.0079	<0.005	<0.005	0.2	<0.005	<u>0.291</u>
					4/8/24	0.072	<0.0078	<0.0049	<0.0049	0.16	0.013 (J)	<u>0.245</u>
					4/8/24 (D)	0.067	<0.0077	<0.0048	<0.0048	0.15	0.012 (J)	<u>0.229</u>
					9/9/24	0.092	0.014 (J)	<0.0049	<0.0049	0.18	0.023 (J)	<u>0.309</u>
					9/9/24 (D)	0.1	0.015 (J)	<0.0049	<0.0049	0.2	0.023 (J)	<u>0.338</u>
					4/14/25	0.079	<0.0082	<0.0052	<0.0052	0.15	0.024 (J)	<u>0.253</u>
					9/23/25	0.076	<0.01	<0.0063	<0.0063	0.13	<0.0063	<u>0.206</u>

Table 1
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Dinitrotoluene Groundwater Results
Deterrent Burning Ground
Badger Army Ammunition Plant

						Dinitrotoluenes						
Plume	Well Name	Well ID	License	Sample Level	Date	2,3-Dinitrotoluene	2,4-Dinitrotoluene	2,5-Dinitrotoluene	2,6-Dinitrotoluene	3,4-Dinitrotoluene	3,5-Dinitrotoluene	Dinitrotoluene, Total
DBG	ELN-1503A	535	2813	A	4/26/21	<0.0065	<0.0087	<0.0054	<0.0054	<0.0054	<0.0054	<0.0087
					9/28/21	<0.0058	<0.0077	<0.0048	<0.0048	<0.0048	<0.0048	<0.0077
					11/9/21	0.035 (J)	<0.0081	<0.0051	<0.0051	0.05 (J)	<0.0051	<u>0.085 (J)</u>
					4/28/22	0.043 (J)	<0.008	<0.005	<0.005	0.07	<0.005	<u>0.113</u>
					4/28/22 (D)	0.04 (J)	<0.008	<0.005	<0.005	0.067	<0.005	<u>0.107</u>
					7/7/22	<0.006	<0.008	<0.005	<0.005	<0.005	<0.005	<0.008
					7/7/22 (D)	0.037 (J)	<0.008	<0.005	<0.005	<0.005	<0.005	0.037 (J)
					9/22/22	0.018 (J)	<0.008	<0.005	<0.005	0.02 (J)	<0.005	0.038 (J)
					11/8/22	<0.0058	<0.0078	<0.005	<0.005	<0.005	<0.005	<0.0078
					4/27/23	0.041 (J)	<0.008	<0.005	<0.005	0.064	<0.005	<u>0.105</u>
					4/27/23 (D)	0.04 (J)	<0.008	<0.005	<0.005	0.06	<0.005	<u>0.1</u>
					6/27/23	<0.006	<0.008	<0.005	<0.005	0.034 (J)	<0.005	0.034 (J)
					9/13/23	<0.0058	<0.0077	<0.0048	<0.0048	0.012 (J)	<0.0048	0.012 (J)
					11/14/23	<0.0061	<0.0081	<0.0051	<0.0051	<0.0051	<0.0051	<0.0081
					4/10/24	0.0062 (J)	<0.0079	<0.005	<0.005	0.017 (J)	<0.005	0.0232 (J)
					6/12/24	<0.0058	<0.0079	<0.005	<0.005	0.024 (J)	<0.005	0.024 (J)
					6/12/24 (D)	<0.0058	<0.0079	<0.005	<0.005	0.023 (J)	<0.005	0.023 (J)
					9/11/24	0.017 (J)	<0.0082	<0.0052	<0.0052	0.032 (J)	<0.0052	0.049 (J)
					11/13/24	<0.006	<0.008	<0.005	<0.005	<0.005	<0.005	<0.008
					4/30/25	<0.0059	<0.0078	<0.0049	<0.0049	0.039 (J)	<0.0049	0.039 (J)
					6/30/25	0.027 (J)	<0.0078	<0.0049	<0.0049	0.055	<0.0049	<u>0.082</u>
					6/30/25 (D)	0.027 (J)	<0.0077	<0.0048	<0.0048	0.055	<0.0048	<u>0.082</u>
					9/29/25	<0.0058	<0.0078	<0.0049	<0.0049	<0.0049	<0.0049	<0.0078
Chapter NR 140 PAL						NE	0.005	NE	0.005	NE	NE	0.005
Chapter NR 140 ES						NE	0.05	NE	0.05	NE	NE	0.05

Notes:

DBG - Deterrent Burning Ground

The Sample Level references the typical well depth configuration

All results are expressed in micrograms per liter (µg/l)

DNT analysis was performed by CT Laboratories

D = Duplicate sample

J = Analytical result is between the Limit of Detection (LOD) and Limit of Quantitation (LOQ)

NE = Not Established

Chapter NR 140 PAL - Chapter NR 140, Wisconsin Administrative Code, Preventive Action Limit (bold values)

Chapter NR 140 ES - Chapter NR 140, Wisconsin Administrative Code, Enforcement Standard (bold & underline values)

Table 2
2017 - 2025 Summary
Dinitrotoluene Groundwater Results
Propellant Burning Ground
Badger Army Ammunition Plant

Plume	Well Name	Well ID	License	Sample Level	Date	Dinitrotoluenes						
						2,3-Dinitrotoluene	2,4-Dinitrotoluene	2,5-Dinitrotoluene	2,6-Dinitrotoluene	3,4-Dinitrotoluene	3,5-Dinitrotoluene	Dinitrotoluene, Total
PBG	PBM-9801	360	2814	A	9/20/17	0.18	<u>0.11</u>	<0.0031	<u>0.2</u>	0.058	<0.0041	<u>0.548</u>
					9/17/18	0.48	<u>2</u>	0.028	<u>0.81</u>	0.19	0.074	<u>3.582</u>
					9/25/19	0.31	<u>5.7</u>	0.039	<u>0.61</u>	0.13	0.07	<u>6.859</u>
					9/1/20	0.37	<u>110</u>	<0.0032	<u>2.1</u>	0.18	<0.0042	<u>112.65</u>
					9/21/21	0.45	<u>64</u>	0.044 (J)	<u>2.2</u>	0.2	0.081	<u>66.975</u>
					5/4/22	0.44	<u>0.26</u>	0.055	<u>0.28</u>	0.19	0.078	<u>1.303</u>
					9/21/22	0.41	<u>0.16</u>	0.031 (J)	<u>0.11</u>	0.18	0.059	<u>0.95</u>
					4/26/23	0.34	<u>0.12</u>	0.057	<u>0.1</u>	0.17	0.07	<u>0.857</u>
					9/20/23	0.31	<u>0.08</u>	<0.005	<u>0.08</u>	0.12	0.038 (J)	<u>0.628</u>
					4/15/24	0.27	<u>0.084</u>	0.016 (J)	<u>0.1</u>	0.11	0.037 (J)	<u>0.617</u>
					9/16/24	0.28	<u>0.13</u>	0.026 (J)	<u>0.097</u>	0.12	0.041 (J)	<u>0.694</u>
					9/16/24 (D)	0.28	<u>0.12</u>	0.026 (J)	<u>0.11</u>	0.12	0.043 (J)	<u>0.699</u>
					4/22/25	0.32	<u>0.12</u>	0.031 (J)	<u>0.11</u>	0.14	0.05	<u>0.771</u>
					9/30/25	0.25	<u>0.17</u>	<0.0049	<u>0.11</u>	0.12	0.047 (J)	<u>0.697</u>
PBG	PBN-8202A	613	2814	A	9/20/17	0.91	<u>0.059</u>	0.02 (J)	<u>0.07</u>	0.27	0.14	<u>1.469</u>
					9/20/17 (D)	0.83	<u>0.056</u>	0.019 (J)	<u>0.066</u>	0.25	0.12	<u>1.341</u>
					4/23/18	45	<u>2.1</u>	0.14	<u>27</u>	17	2.1	<u>93.34</u>
					4/23/18 (D)	48	<u>2.2</u>	0.15	<u>24</u>	18	2.3	<u>94.65</u>
					5/14/18	78	<u>33</u>	0.094	<u>270</u>	35	4.2	<u>420.294</u>
					9/17/18	70	<u>6.3</u>	0.12	<u>2</u>	32	6	<u>116.42</u>
					9/17/18 (D)	62	<u>5.1</u>	0.12	<u>4.4</u>	27	4.7	<u>103.32</u>
					4/8/19	20	<u>0.26</u>	0.12	<u>0.31</u>	4.6	5.2	<u>30.49</u>
					9/25/19	75	<u>9.1</u>	0.14	<u>110</u>	15	6.5	<u>215.74</u>
					1/14/20	49	<u>30</u>	<0.14	<u>79</u>	13	4.9	<u>175.9</u>
					1/14/20 (D)	49	<u>39</u>	<0.14	<u>88</u>	15	5	<u>196</u>
					4/30/20	72	<u>670</u>	<0.15	<u>500</u>	35	9.9	<u>1,286.9</u>
					6/8/20	17	<u>0.35</u>	0.1	<u>17</u>	7.9	1.9	<u>44.25</u>
					6/8/20 (D)	18	<u>0.4</u>	0.12	<u>15</u>	8.1	2.6	<u>44.22</u>
					9/1/20	9.1	<u>0.3</u>	0.078	<u>0.14</u>	3.3	1.2	<u>14.118</u>
					4/7/21	14	<u>0.24</u>	0.065	<u>0.17</u>	2.1	1	<u>17.575</u>
					9/21/21	21	<u>0.38</u>	0.082	<u>0.22</u>	1.8	1.4	<u>24.882</u>
					9/21/21 (D)	19	<u>0.37</u>	0.081	<u>0.22</u>	1.7	1.4	<u>22.771</u>
					5/4/22	36	<u>2.3</u>	0.051	<u>0.2</u>	12	3.4	<u>53.951</u>
					9/21/22	13	<u>0.27</u>	0.032 (J)	<u>0.17</u>	1.6	1.3	<u>16.372</u>
					4/26/23	0.38	<u>0.11</u>	0.06	<u>0.085</u>	0.4	0.093	<u>1.128</u>
					9/20/23	1.9	<u>0.11</u>	<0.0048	<u>0.11</u>	0.3	0.32	<u>2.740</u>
					4/15/24	1.3	<u>0.091</u>	0.018 (J)	<u>0.088</u>	0.24	0.23	<u>1.967</u>
					9/16/24	0.97	<u>0.12</u>	0.022 (J)	<u>0.08</u>	0.23	0.16	<u>1.582</u>
					4/22/25	0.93	<u>0.13</u>	0.029 (J)	<u>0.088</u>	0.26	0.16	<u>1.597</u>
					9/11/25	0.84	<u>0.095</u>	0.018 (J)	<u>0.083</u>	0.24	0.17	<u>1.446</u>

Table 2
2017 - 2025 Summary
Dinitrotoluene Groundwater Results
Propellant Burning Ground
Badger Army Ammunition Plant

Plume	Well Name	Well ID	License	Sample Level	Date	Dinitrotoluenes						
						2,3-Dinitrotoluene	2,4-Dinitrotoluene	2,5-Dinitrotoluene	2,6-Dinitrotoluene	3,4-Dinitrotoluene	3,5-Dinitrotoluene	Dinitrotoluene, Total
PBG	PBN-8202B	614	2814	B	9/20/17	0.54	<u>0.055</u>	<0.0031	<u>0.049</u>	0.15	0.087	<u>0.881</u>
					4/23/18	0.99	<0.0081	<0.003	<u>0.12</u>	0.36	0.13	<u>1.6</u>
					9/17/18	9.2	<u>0.26</u>	0.054	<u>0.038</u>	4.6	0.46	<u>14.612</u>
					4/8/19	39	<u>0.63</u>	0.13	<u>0.54</u>	36	8.8	<u>85.1</u>
					9/25/19	16	<u>0.18</u>	0.12	<u>0.26</u>	6.3	1.6	<u>24.46</u>
					1/14/20	9.9	<u>0.44</u>	<0.029	<u>0.25</u>	2.8	1	<u>14.39</u>
					4/30/20	11	<u>0.35</u>	0.091	<u>0.21</u>	1.7	1.2	<u>14.551</u>
					6/8/20	8.7	<u>0.2</u>	0.075	<u>0.055</u>	1.2	1.1	<u>11.33</u>
					9/1/20	7.3	<u>0.22</u>	0.4	<u>0.058</u>	0.71	0.88	<u>9.208</u>
					4/7/21	4.2	<u>0.11</u>	0.032 (J)	<u>0.086</u>	0.2	0.53	<u>5.158</u>
					9/21/21	2.4	<u>0.19</u>	0.049 (J)	<u>0.13</u>	0.13	0.28	<u>3.179</u>
					5/4/22	15	<u>0.18</u>	0.076	<u>0.16</u>	0.35	0.82	<u>16.586</u>
					9/21/22	24	<u>0.18</u>	0.063	<u>0.19</u>	0.8	1.1	<u>26.333</u>
					4/26/23	2.5	<u>0.23</u>	0.055	<u>0.15</u>	0.38	0.46	<u>3.775</u>
					9/20/23	4.2	<0.04	<0.025	<0.025	0.32	0.44	<u>4.96</u>
					4/15/24	2.9	<u>0.13 (J)</u>	<0.024	<u>0.078 (J)</u>	0.24	0.41	<u>3.76</u>
					9/16/24	1.4	<u>0.12</u>	0.022 (J)	<u>0.055</u>	0.19	0.21	<u>1.997</u>
					4/22/25	1.4	<u>0.1</u>	0.021 (J)	<u>0.07</u>	0.22	0.25	<u>2.061</u>
					9/11/25	1.5	<u>0.09</u>	<0.0051	<u>0.065</u>	0.26	0.29	<u>2.205</u>
PBG	PBN-8202C	615	2814	C	9/20/17	0.15	<u>0.061</u>	<0.0031	<u>0.078</u>	0.055	0.033	<u>0.377</u>
					4/23/18	0.16	<u>0.19</u>	0.04	<u>0.19</u>	0.091	0.065	<u>0.736</u>
					9/17/18	0.2	<u>0.19</u>	0.036	<u>0.16</u>	0.11	0.075	<u>0.77</u>
					4/8/19	0.13	<u>0.088</u>	0.054	<u>0.064</u>	0.081	0.065	<u>0.482</u>
					9/25/19	0.19	<u>0.16</u>	0.082	<u>0.078</u>	0.12	0.095	<u>0.725</u>
					1/14/20	0.13	<u>0.12</u>	0.059	<u>0.062</u>	0.078	0.07	<u>0.519</u>
					4/30/20	<0.0062	<u>0.39</u>	0.08	<u>0.44</u>	0.14	0.13	<u>1.18</u>
					6/8/20	<0.0058	<u>0.47</u>	0.06	<u>0.46</u>	0.11	0.11	<u>1.21</u>
					9/1/20	0.17	<u>0.29</u>	<0.0031	<u>0.26</u>	0.072	0.076	<u>0.868</u>
					4/7/21	0.091	<u>0.16</u>	0.038 (J)	<u>0.093</u>	0.043 (J)	0.057	<u>0.482</u>
					9/21/21	0.099	<u>0.26</u>	0.044 (J)	<u>0.094</u>	0.053	0.063	<u>0.613</u>
					5/4/22	0.45	<u>0.15</u>	0.047 (J)	<u>0.1</u>	0.072	0.094	<u>0.913</u>
					9/21/22	0.49	<u>0.094</u>	0.032 (J)	<u>0.074</u>	0.045 (J)	0.076	<u>0.811</u>
					4/26/23	8.2	<u>0.2</u>	0.075	<u>0.095</u>	1.2	1	<u>10.77</u>
					9/20/23	0.11	<u>0.034 (J)</u>	<0.0049	<u>0.053</u>	0.022 (J)	0.034 (J)	<u>0.253</u>
					4/15/24	0.081	<u>0.043 (J)</u>	0.017 (J)	<u>0.058</u>	0.026 (J)	0.038 (J)	<u>0.263</u>
					9/16/24	0.061	<u>0.061</u>	0.02 (J)	<u>0.049</u>	0.036 (J)	0.035 (J)	<u>0.262</u>
					4/22/25	0.077	<u>0.083</u>	0.024 (J)	<u>0.082</u>	0.048	0.044 (J)	<u>0.358</u>
					9/11/25	0.069	<u>0.065</u>	0.017 (J)	<u>0.081</u>	0.048 (J)	0.037 (J)	<u>0.317</u>

Table 2
2017 - 2025 Summary
Dinitrotoluene Groundwater Results
Propellant Burning Ground
Badger Army Ammunition Plant

Plume	Well Name	Well ID	License	Sample Level	Date	Dinitrotoluenes						
						2,3-Dinitrotoluene	2,4-Dinitrotoluene	2,5-Dinitrotoluene	2,6-Dinitrotoluene	3,4-Dinitrotoluene	3,5-Dinitrotoluene	Dinitrotoluene, Total
PBG	PBM-0001	367	2814	A	9/20/17	0.41	<u>0.059</u>	0.015	<u>0.059</u>	0.11	0.048	<u>0.701</u>
					4/23/18	0.74	<0.008	<0.003	<u>0.13</u>	0.23	0.099	<u>1.199</u>
					9/17/18	8.7	<u>0.24</u>	0.07	<u>0.19</u>	3.1	0.68	<u>12.98</u>
					4/23/19	14	<u>0.19</u>	0.12	<u>0.068</u>	6.2	1.6	<u>22.178</u>
					9/25/19	2.9	<u>0.15</u>	0.085	<u>0.12</u>	1.3	0.39	<u>4.945</u>
					1/14/20	1	<u>0.38</u>	0.069	<u>0.43</u>	0.2	0.17	<u>2.249</u>
					4/30/20	8	<u>0.25</u>	0.18	<u>0.22</u>	1.5	0.9	<u>11.05</u>
					9/1/20	5.6	<u>0.25</u>	0.093	<u>0.15</u>	0.62	0.58	<u>7.293</u>
					4/7/21	8.5	<u>0.13</u>	0.058	<u>0.1</u>	0.4	0.58	<u>9.768</u>
					9/21/21	4.9	<u>0.26</u>	0.083	<u>0.15</u>	0.45	0.46	<u>6.303</u>
					5/4/22	2.6	<u>0.2</u>	0.088	<u>0.24</u>	0.28	0.28	<u>3.688</u>
					9/21/22	29	<u>110</u>	0.059	<u>130</u>	9.4	1.8	<u>280.259</u>
					4/26/23	7.6	<u>0.24</u>	0.068	<u>0.13</u>	0.86	1.1	<u>9.998</u>
					9/20/23	0.98	<u>0.066</u>	<0.0049	<u>0.081</u>	0.058	0.15	<u>1.335</u>
					4/15/24	0.42	<u>0.059</u>	0.011 (J)	<u>0.081</u>	0.11	0.076	<u>0.757</u>
					9/16/24	0.32	<u>0.11</u>	0.022 (J)	<u>0.085</u>	0.12	0.062	<u>0.719</u>
					4/22/25	0.34	<u>0.11</u>	0.025 (J)	<u>0.12</u>	0.14	0.065	<u>0.8</u>
					9/30/25	0.27	<u>0.11</u>	<0.0049	<u>0.096</u>	0.13	0.058	<u>0.664</u>
PBG	PBM-0002	368	2814	A	9/20/17	0.7	<u>0.089</u>	0.11	<u>0.068</u>	0.27	0.11	<u>1.347</u>
					4/23/18	0.82	<u>0.24</u>	0.12	<u>0.13</u>	0.35	0.14	<u>1.8</u>
					9/17/18	1.1	<u>0.29</u>	0.12	<u>0.14</u>	0.51	0.17	<u>2.33</u>
					4/24/19	2.7	<u>0.17</u>	0.14	<u>0.12</u>	1.8	0.28	<u>5.21</u>
					9/25/19	7.1	<u>0.19</u>	0.16	<u>0.14</u>	3.1	0.63	<u>11.32</u>
					4/30/20	1.2	<u>0.16</u>	0.097	<u>0.12</u>	0.6	0.19	<u>2.367</u>
					9/1/20	0.82	<u>0.15</u>	0.055	<u>0.089</u>	0.35	0.13	<u>1.594</u>
					4/7/21	0.52	<u>0.12</u>	0.039 (J)	<u>0.07</u>	0.23	0.093	<u>1.072</u>
					9/21/21	0.74	<u>0.2</u>	0.06	<u>0.099</u>	0.31	0.12	<u>1.529</u>
					5/4/22	4.7	<u>0.21</u>	0.11	<u>0.15</u>	0.64	0.36	<u>6.17</u>
					9/21/22	4.1	<u>0.15</u>	0.075	<u>0.12</u>	0.57	0.32	<u>5.335</u>
					4/26/23	0.032 (J)	<0.0078	<0.0049	<0.0049	<0.0049	<0.0049	<u>0.032 (J)</u>
					9/20/23	5.7	<u>0.087</u>	0.069	<u>0.054</u>	1	0.36	<u>7.27</u>
					4/15/24	4.9	<u>0.15 (J)</u>	0.07 (J)	<u>0.087 (J)</u>	0.87	0.24	<u>6.317</u>
					9/16/24	6.4	<u>31</u>	0.1 (J)	<u>6.4</u>	2	0.39	<u>46.29</u>
					4/22/25	1.6	<u>0.13</u>	0.061	<u>0.094</u>	0.42	0.13	<u>2.435</u>
					9/30/25	1.6	<u>0.13</u>	0.049	<u>0.23</u>	0.48	0.14	<u>2.629</u>

Table 2
2017 - 2025 Summary
Dinitrotoluene Groundwater Results
Propellant Burning Ground
Badger Army Ammunition Plant

						Dinitrotoluenes						
Plume	Well Name	Well ID	License	Sample Level	Date	2,3-Dinitrotoluene	2,4-Dinitrotoluene	2,5-Dinitrotoluene	2,6-Dinitrotoluene	3,4-Dinitrotoluene	3,5-Dinitrotoluene	Dinitrotoluene, Total
PBG	PBM-0006	372	2814	A	9/20/17	0.42	<u>0.063</u>	0.016 (J)	<u>0.046</u>	0.27	0.068	<u>0.883</u>
					4/23/18	0.79	0.27	0.04	<u>0.11</u>	0.62	0.14	<u>1.97</u>
					9/17/18	0.73	<u>0.27</u>	0.031	<u>0.11</u>	0.57	0.13	<u>1.841</u>
					4/8/19	0.34	<u>0.12</u>	0.042	<u>0.057</u>	0.31	0.086	<u>0.955</u>
					9/25/19	0.58	<u>0.16</u>	0.048	<u>0.12</u>	0.53	0.12	<u>1.588</u>
					4/30/20	0.84	<u>0.16</u>	0.068	<u>0.13</u>	0.73	0.14	<u>2.068</u>
					9/1/20	0.63	<u>0.13</u>	<0.0031	<u>0.067</u>	0.52	0.098	<u>1.445</u>
					4/7/21	0.72	<u>0.12</u>	0.034 (J)	<u>0.069</u>	0.5	0.11	<u>1.553</u>
					4/7/21 (D)	0.7	<u>0.13</u>	0.033 (J)	<u>0.065</u>	0.48	0.11	<u>1.518</u>
					9/21/21	0.77	<u>0.2</u>	0.043 (J)	<u>0.088</u>	0.55	0.11	<u>1.761</u>
					5/4/22	0.64	<u>0.17</u>	0.06	<u>0.12</u>	0.54	0.12	<u>1.65</u>
					5/4/2022 (D)	0.64	<u>0.18</u>	0.059	<u>0.12</u>	0.52	0.12	<u>1.639</u>
					9/21/22	0.39	<u>0.09</u>	0.03 (J)	<u>0.082</u>	0.36	0.074	<u>1.026</u>
					4/26/23	7.8	<u>0.21</u>	0.14	<u>0.098</u>	0.16	0.55	<u>10.398</u>
					9/20/23	0.27	<u>0.061</u>	<0.0049	<u>0.062</u>	0.22	0.046 (J)	<u>0.659</u>
					4/15/24	0.2	<u>0.046 (J)</u>	0.011 (J)	<u>0.055</u>	0.17	0.041 (J)	<u>0.523</u>
					9/16/24	0.22	<u>0.081 (J)</u>	0.023 (J)	<u>0.054</u>	0.18	0.05	<u>0.608</u>
					4/22/25	0.2	<u>0.073</u>	0.024 (J)	<u>0.057</u>	0.16	0.048 (J)	<u>0.562</u>
					9/30/25	0.24	<u>0.079</u>	0.011 (J)	<u>0.066</u>	0.2	0.054	<u>0.65</u>
					Chapter NR 140 PAL						NE	0.005
Chapter NR 140 ES						NE	0.05	NE	0.05	NE	NE	0.05

Notes:

PBG - Propellant Burning Ground

The Sample Level references the typical well depth configuration

All results are expressed in micrograms per liter (µg/l)

DNT analysis was performed by CT Laboratories

D = Duplicate sample

J = Analytical result is between the Limit of Detection (LOD) and Limit of Quantitation (LOQ)

NE = Not Established

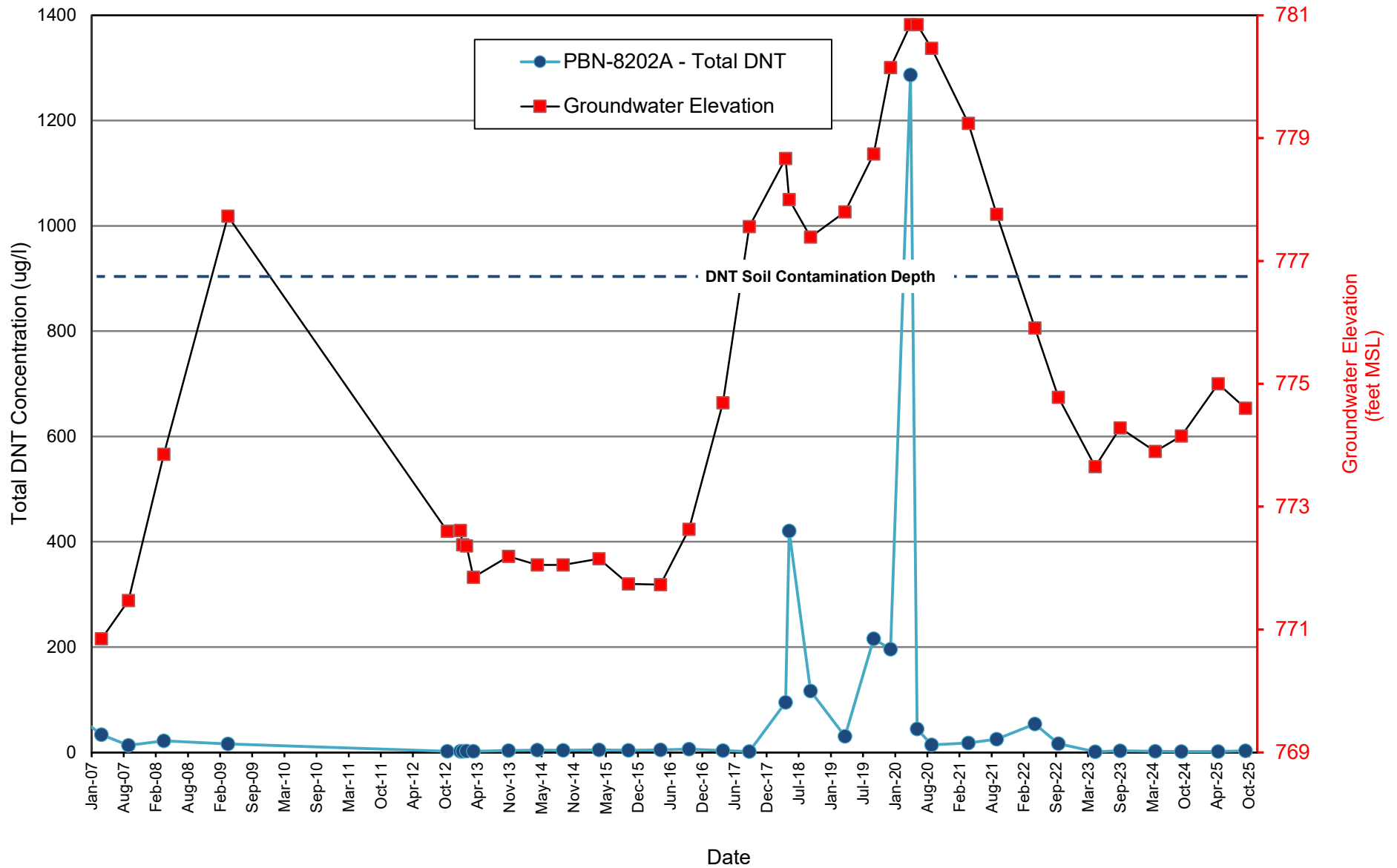
Chapter NR 140 PAL - Chapter NR 140, Wisconsin Administrative Code, Preventive Action Limit (bold values)

Chapter NR 140 ES - Chapter NR 140, Wisconsin Administrative Code, Enforcement Standard (bold & underline values)

PBN-8202A

Total Dinitrotoluene vs Groundwater Elevation

2007 - 2025



September 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	210	ELN-8203A	9/23/2025	Deterrent Burning Ground
2813	211	ELN-8203B	9/23/2025	Deterrent Burning Ground
2813	212	ELN-8203C	9/23/2025	Deterrent Burning Ground
2813	216	ELM-8901	9/23/2025	Deterrent Burning Ground
2813	220	ELM-8907	9/24/2025	Deterrent Burning Ground
2813	221	ELM-8908	9/24/2025	Deterrent Burning Ground
2813	222	ELM-8909	9/23/2025	Deterrent Burning Ground
2813	224	ELN-8902B	9/23/2025	Deterrent Burning Ground
2813	227	ELN-9107A	9/23/2025	Deterrent Burning Ground
2813	228	ELN-9107B	9/23/2025	Deterrent Burning Ground
2813	232	ELN-2501A	9/30/2025	Deterrent Burning Ground
2813	234	ELM-9501	9/23/2025	Deterrent Burning Ground
2813	236	S1134R	9/23/2025	Deterrent Burning Ground
2813	455	ELN-0801B	9/23/2025	Deterrent Burning Ground
2813	456	ELN-0801C	9/23/2025	Deterrent Burning Ground
2813	457	ELN-0801E	9/23/2025	Deterrent Burning Ground
2813	460	ELN-1001B	9/23/2025	Deterrent Burning Ground
2813	461	ELN-1001C	9/23/2025	Deterrent Burning Ground
2813	462	ELN-1001E	9/23/2025	Deterrent Burning Ground
2813	463	ELN-1002A	9/24/2025	Deterrent Burning Ground
2813	464	ELN-1002B	9/24/2025	Deterrent Burning Ground
2813	465	ELN-1002C	9/24/2025	Deterrent Burning Ground
2813	466	ELN-1002E	9/24/2025	Deterrent Burning Ground
2813	467	ELN-1003A	9/29/2025	Deterrent Burning Ground
2813	468	ELN-1003B	9/29/2025	Deterrent Burning Ground
2813	469	ELN-1003C	9/29/2025	Deterrent Burning Ground
2813	470	ELN-1003E	9/29/2025	Deterrent Burning Ground
2813	533	ELN-1502A	9/23/2025	Deterrent Burning Ground
2813	534	ELN-1502C	9/23/2025	Deterrent Burning Ground
2813	535	ELN-1503A	9/29/2025	Deterrent Burning Ground
2813	536	ELN-1503C	9/29/2025	Deterrent Burning Ground
2813	537	ELN-1504B	9/29/2025	Deterrent Burning Ground
2813	547	ELN-2301B	9/29/2025	Deterrent Burning Ground
2813	548	ELN-2301C	9/29/2025	Deterrent Burning Ground
3037	301	DBM-8201	9/24/2025	Deterrent Burning Ground
3037	302	DBM-8202	9/24/2025	Deterrent Burning Ground
3037	306	DBM-8903	9/24/2025	Deterrent Burning Ground
3037	314	DBN-9501A	9/24/2025	Deterrent Burning Ground
3037	315	DBN-9501B	9/24/2025	Deterrent Burning Ground
3037	316	DBN-9501C	9/24/2025	Deterrent Burning Ground
3037	317	DBN-9501E	9/24/2025	Deterrent Burning Ground
3037	472	DBN-1001B	9/24/2025	Deterrent Burning Ground
3037	473	DBN-1001C	9/24/2025	Deterrent Burning Ground
3037	474	DBN-1001E	9/24/2025	Deterrent Burning Ground
3037	476	DBN-1002C	9/24/2025	Deterrent Burning Ground
3037	477	DBN-1002E	9/24/2025	Deterrent Burning Ground
3038	755	S1121	9/23/2025	Deterrent Burning Ground

September 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>
3487	440	RIM-0703	9/22/2025	Nitrocellulose Production Area
3487	442	RIM-0705	9/22/2025	Nitrocellulose Production Area
3487	478	RIM-1002	9/22/2025	Nitrocellulose Production Area
3487	479	RIN-1007C	9/22/2025	Nitrocellulose Production Area
3487	480	RIN-1001A	9/22/2025	Nitrocellulose Production Area
3487	481	RIN-1001C	9/22/2025	Nitrocellulose Production Area
3487	504	S1125	9/22/2025	Nitrocellulose Production Area
2814	360	PBM-9801	9/30/2025	Propellant Burning Ground
2814	367	PBM-0001	9/30/2025	Propellant Burning Ground
2814	368	PBM-0002	9/30/2025	Propellant Burning Ground
2814	372	PBM-0006	9/30/2025	Propellant Burning Ground
2814	374	PBM-0008	9/11/2025	Propellant Burning Ground
2814	544	PBN-2301B	9/25/2025	Propellant Burning Ground
2814	545	PBN-2301C	9/25/2025	Propellant Burning Ground
2814	546	PBN-2301D	9/25/2025	Propellant Burning Ground
2814	592	PBN-1003C	9/25/2025	Propellant Burning Ground
2814	595	PBN-1001C	9/10/2025	Propellant Burning Ground
2814	613	PBN-8202A	9/11/2025	Propellant Burning Ground
2814	614	PBN-8202B	9/11/2025	Propellant Burning Ground
2814	615	PBN-8202C	9/11/2025	Propellant Burning Ground
2814	622	PBN-8205A	9/10/2025	Propellant Burning Ground
2814	623	PBN-8205B	9/10/2025	Propellant Burning Ground
2814	624	PBN-8205C	9/10/2025	Propellant Burning Ground
2814	632	PBN-8502A	9/10/2025	Propellant Burning Ground
2814	633	PBN-8503A	9/10/2025	Propellant Burning Ground
2814	637	PBM-8907	9/10/2025	Propellant Burning Ground
2814	645	PBN-8902C	9/10/2025	Propellant Burning Ground
2814	646	PBN-8903B	9/10/2025	Propellant Burning Ground
2814	647	PBN-8903C	9/10/2025	Propellant Burning Ground
2814	653	PBN-8910D	9/11/2025	Propellant Burning Ground
2814	654	PBN-8912A	9/11/2025	Propellant Burning Ground
2814	655	PBN-8912B	9/11/2025	Propellant Burning Ground
2814	665	PBN-9112C	9/11/2025	Propellant Burning Ground
2814	666	PBN-9112D	9/11/2025	Propellant Burning Ground
2814	668	PBN-9301B	9/10/2025	Propellant Burning Ground
2814	669	PBN-9301C	9/10/2025	Propellant Burning Ground
2814	673	PBN-9303B	9/10/2025	Propellant Burning Ground
2814	674	PBN-9303C	9/10/2025	Propellant Burning Ground
2814	675	PBN-9303D	9/10/2025	Propellant Burning Ground
2814	684	PBN-9304A	9/9/2025	Propellant Burning Ground
2814	685	PBN-9304B	9/9/2025	Propellant Burning Ground
2814	686	PBN-9304C	9/9/2025	Propellant Burning Ground
2814	687	PBN-9304D	9/9/2025	Propellant Burning Ground
2814	692	PBN-9903A	9/8/2025	Propellant Burning Ground
2814	693	PBN-9903B	9/8/2025	Propellant Burning Ground
2814	694	PBN-9903C	9/8/2025	Propellant Burning Ground
2814	695	PBN-9903D	9/8/2025	Propellant Burning Ground

September 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>
2814	770	PBN-1302A	9/9/2025	Propellant Burning Ground
2814	771	PBN-1302B	9/9/2025	Propellant Burning Ground
2814	772	PBN-1302C	9/9/2025	Propellant Burning Ground
2814	773	PBN-1302D	9/9/2025	Propellant Burning Ground
2814	774	PBN-1303A	9/8/2025	Propellant Burning Ground
2814	775	PBN-1303B	9/8/2025	Propellant Burning Ground
2814	776	PBN-1303C	9/8/2025	Propellant Burning Ground
2814	777	PBN-1303D	9/8/2025	Propellant Burning Ground
2814	778	PBN-1304A	9/8/2025	Propellant Burning Ground
2814	779	PBN-1304B	9/8/2025	Propellant Burning Ground
2814	780	PBN-1304C	9/8/2025	Propellant Burning Ground
2814	781	PBN-1304D	9/8/2025	Propellant Burning Ground
2814	782	PBN-1401A	9/11/2025	Propellant Burning Ground
2814	783	PBN-1401B	9/11/2025	Propellant Burning Ground
2814	784	PBN-1401C	9/11/2025	Propellant Burning Ground
2814	791	PBN-1404B	9/10/2025	Propellant Burning Ground
2814	792	PBN-1404C	9/10/2025	Propellant Burning Ground
2814	793	PBN-1404D	9/10/2025	Propellant Burning Ground
2814	795	PBN-8902BR	9/10/2025	Propellant Burning Ground
3485	981	PBM-9001D	9/25/2025	Propellant Burning Ground
3493	561	PBN-9101C	9/25/2025	Propellant Burning Ground
3493	569	SWN-9102C	9/29/2025	Propellant Burning Ground
3493	570	SWN-9102D	9/29/2025	Propellant Burning Ground
3493	571	SWN-9103B	9/29/2025	Propellant Burning Ground
3493	572	SWN-9103C	9/29/2025	Propellant Burning Ground
3493	573	SWN-9103D	9/29/2025	Propellant Burning Ground
3493	574	SWN-9103E	9/29/2025	Propellant Burning Ground
3493	575	SWN-9104C	9/25/2025	Propellant Burning Ground
3493	576	SWN-9104D	9/25/2025	Propellant Burning Ground
3493	577	SWN-9105B	9/25/2025	Propellant Burning Ground
3493	578	SWN-9105C	9/25/2025	Propellant Burning Ground
3493	579	SWN-9105D	9/25/2025	Propellant Burning Ground
3499	709	S1147	9/11/2025	Propellant Burning Ground
3499	710	S1148	9/9/2025	Propellant Burning Ground
3499	718	SPN-8903B	9/11/2025	Propellant Burning Ground
3499	719	SPN-8903C	9/11/2025	Propellant Burning Ground
3499	720	SPN-8904B	9/9/2025	Propellant Burning Ground
3499	721	SPN-8904C	9/9/2025	Propellant Burning Ground
3499	725	SPN-9103D	9/11/2025	Propellant Burning Ground
3499	726	SPN-9104D	9/9/2025	Propellant Burning Ground

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@SpecProSvc.com

Facility name:	License # / Monitoring ID	Facility ID [FID]	Actual sampling dates (e.g., July 2-6, 2003)
BAAP - Landfill #5	02813	157005530	9/23 - 9/30/25

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

September 2025

Type of Data Submitted (Check all that apply)

- | | |
|---|--|
| ☒ Groundwater monitoring data from monitoring wells | ☐ Gas monitoring data |
| ☐ Groundwater monitoring data from private water supply wells | ☐ Air monitoring data |
| ☐ Leachate 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

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
September 2025
Badger Army Ammunition Plant

Groundwater is currently being monitored by the facility because of past production activities. Thirty-four (34) monitoring wells were sampled to assist with determining the degree and lateral extent of dinitrotoluene (DNT) in the Deterrent Burning Ground Plume. ELN-9402AR (231) was abandoned and replaced with ELN-2501A (232).

Total DNT exceeded the Enforcement Standard (ES) in ELM-8901 (216), ELM-8907 (220), ELM-8908 (221), and ELN-1502A (533).

2,6-DNT exceeded the Preventive Action Limit (PAL) in ELM-8901 (216) and ELM-8907 (220). Total DNT exceeded the PAL in ELN-1003C (469).

DNT analysis was performed by CT Laboratories 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.

Badger Army Ammunition Plant

SpecPro Professional Services, LLC

GROUNDWATER MONITORING EXCEEDANCE REPORT

September 2025

Report Date: 11/25/2025

Parameter Name	Lic No.	Well No.	Well Name	Date	Dup	Result	Units	PAL	ES
2,6-Dinitrotoluene	2813	216	ELM-8901	9/23/2025	1	0.016	ug/l	0.005	0.05
Total Dinitrotoluenes	2813	216	ELM-8901	9/23/2025	1	0.586	ug/l	0.005	0.05
2,6-Dinitrotoluene	2813	220	ELM-8907	9/24/2025	1	0.018	ug/l	0.005	0.05
Total Dinitrotoluenes	2813	220	ELM-8907	9/24/2025	1	0.331	ug/l	0.005	0.05
Total Dinitrotoluenes	2813	221	ELM-8908	9/24/2025	1	0.065	ug/l	0.005	0.05
Total Dinitrotoluenes	2813	469	ELN-1003C	9/29/2025	1	0.048	ug/l	0.005	0.05
Total Dinitrotoluenes	2813	533	ELN-1502A	9/23/2025	1	0.206	ug/l	0.005	0.05

Badger Army Ammunition Plant

SpecPro Professional Services, LLC

September 2025

GROUNDWATER MONITORING ALL HITS REPORT

License No: 2813

Report Date: 11/25/2025

Parameter Name	Well	Well Name	Date	Dup	Result	LOD	LOQ	Units	PAL	ES
2,3-Dinitrotoluene	216	ELM-8901	9/23/2025	1	0.27	0.0058	0.049	ug/l		
2,6-Dinitrotoluene	216	ELM-8901	9/23/2025	1	0.016	0.0049	0.049	ug/l	0.005	0.05
3,4-Dinitrotoluene	216	ELM-8901	9/23/2025	1	0.18	0.0049	0.049	ug/l		
3,5-Dinitrotoluene	216	ELM-8901	9/23/2025	1	0.12	0.0049	0.049	ug/l		
Total Dinitrotoluenes	216	ELM-8901	9/23/2025	1	0.586	0.0078	0.049	ug/l	0.005	0.05
2,3-Dinitrotoluene	220	ELM-8907	9/24/2025	1	0.19	0.0058	0.049	ug/l		
2,6-Dinitrotoluene	220	ELM-8907	9/24/2025	1	0.018	0.0049	0.049	ug/l	0.005	0.05
3,4-Dinitrotoluene	220	ELM-8907	9/24/2025	1	0.07	0.0049	0.049	ug/l		
3,5-Dinitrotoluene	220	ELM-8907	9/24/2025	1	0.053	0.0049	0.049	ug/l		
Total Dinitrotoluenes	220	ELM-8907	9/24/2025	1	0.331	0.0078	0.049	ug/l	0.005	0.05
2,3-Dinitrotoluene	221	ELM-8908	9/24/2025	1	0.037	0.0059	0.05	ug/l		
3,4-Dinitrotoluene	221	ELM-8908	9/24/2025	1	0.028	0.005	0.05	ug/l		
Total Dinitrotoluenes	221	ELM-8908	9/24/2025	1	0.065	0.0079	0.05	ug/l	0.005	0.05
3,4-Dinitrotoluene	469	ELN-1003C	9/29/2025	1	0.048	0.0049	0.049	ug/l		
Total Dinitrotoluenes	469	ELN-1003C	9/29/2025	1	0.048	0.0078	0.049	ug/l	0.005	0.05
2,3-Dinitrotoluene	533	ELN-1502A	9/23/2025	1	0.076	0.0075	0.063	ug/l		
3,4-Dinitrotoluene	533	ELN-1502A	9/23/2025	1	0.13	0.0063	0.063	ug/l		
Total Dinitrotoluenes	533	ELN-1502A	9/23/2025	1	0.206	0.01	0.063	ug/l	0.005	0.05

State of Wisconsin
Department of Natural Resources

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

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Instructions:

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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@SpecProSvc.com

Facility name:	License # / Monitoring ID	Facility ID [FID]	Actual sampling dates (e.g., July 2-6, 2003)
BAAP - Propellant Burning Grounds	02814	157005420	9/8 - 9/30/25

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

September 2025

Type of Data Submitted (Check all that apply)

- | | |
|---|--|
| ☒ Groundwater monitoring data from monitoring wells | ☐ Gas monitoring data |
| ☐ Groundwater monitoring data from private water supply wells | ☐ Air monitoring data |
| ☐ Leachate 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

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 2814
Propellant Burning Grounds
September 2025
Badger Army Ammunition Plant

Groundwater is currently being monitored by the facility because of past production activities. Contamination from the Propellant Burning Ground (PBG) impacts groundwater quality in wells associated with this license. Fifty-nine (59) monitoring wells were sampled to assist with determining the degree and lateral extent of dinitrotoluene (DNT) and volatile organic compounds (VOCs) in the PBG Plume.

2,4-DNT, 2,6-DNT, and total DNT exceeded the Enforcement Standards (ES) in PBM-9801 (360), PBM-0001 (367), PBM-0002 (368), PBM-0006 (372), PBM-0008 (374), PBN-8202A (613), PBN-8202B (614), and PBN-8202C (615). 2,6-DNT exceeded the ES in PBN-8205A (622), PBN-8205B (623), PBN-1401A (782), and PBN-1401B (783). Total DNT exceeded the ES in PBN-8205A (622), PBN-8205B (623), PBN-8205C (624), PBN-8902C (645), PBN-1401A (782), and PBN-1401B (783).

2,4-DNT exceeded the Preventive Action Limit (PAL) in PBN-8205A (622), PBN-8205B (623), PBN-1401A (782), and PBN-1401B (783). 2,6-DNT exceeded the PAL in PBN-1003C (592), PBN-8205C (624), PBN-8902C (645), PBN-9304B (685), PBN-9304C (686), and PBN-9903B (693). Total DNT exceeded the PAL in PBN-1003C (592), PBN-9304B (685), PBN-9304C (686), PBN-9903B (693), and PBN-1401C (784).

Bromodichloromethane exceeded the PAL in PBN-1003C (592), PBN-1001C (595), PBN-9301C (669), PBN-9303B (673), PBN-9303C (674), and PBN-1404C (792).

Carbon tetrachloride exceeded the ES in PBN-8502A (632), PBN-9903C (694), and the PAL in 25 wells.

Chloroform exceeded the PAL in PBN-1001C (595), PBN-9301C (669), PBN-9303B (673), PBN-9303C (674), PBN-9903C (694), PBN-1302C (772), and PBN-1404C (792).

Nitrate plus nitrite exceeded the PAL in PBM-9801 (360), PBM-0001 (367), PBM-0002 (368), and PBM-0006 (372).

Trichloroethene exceeded the PAL in PBN-8202B (614), PBN-8205A (622), PBN-8205B (623), PBN-8502A (632), PBN-9903B (693), PBN-9903C (694), and PBN-8902BR (795).

VOC 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.

Nitrate plus nitrite analysis was also performed by CT Lab using method SW 9056A.

Badger Army Ammunition Plant

SpecPro Professional Services, LLC

GROUNDWATER MONITORING EXCEEDANCE REPORT

September 2025

Report Date: 11/25/2025

Parameter Name	Lic No.	Well No.	Well Name	Date	Dup	Result	Units	PAL	ES
2,4-Dinitrotoluene	2814	360	PBM-9801	9/30/2025	1	0.17	ug/l	0.005	0.05
2,6-Dinitrotoluene	2814	360	PBM-9801	9/30/2025	1	0.11	ug/l	0.005	0.05
Nitrate+Nitrite Nitrogen	2814	360	PBM-9801	9/30/2025	1	3.9	mg/l	2	10
Total Dinitrotoluenes	2814	360	PBM-9801	9/30/2025	1	0.697	ug/l	0.005	0.05
2,4-Dinitrotoluene	2814	367	PBM-0001	9/30/2025	1	0.11	ug/l	0.005	0.05
2,6-Dinitrotoluene	2814	367	PBM-0001	9/30/2025	1	0.096	ug/l	0.005	0.05
Nitrate+Nitrite Nitrogen	2814	367	PBM-0001	9/30/2025	1	3.7	mg/l	2	10
Total Dinitrotoluenes	2814	367	PBM-0001	9/30/2025	1	0.664	ug/l	0.005	0.05
2,4-Dinitrotoluene	2814	368	PBM-0002	9/30/2025	1	0.13	ug/l	0.005	0.05
2,6-Dinitrotoluene	2814	368	PBM-0002	9/30/2025	1	0.23	ug/l	0.005	0.05
Nitrate+Nitrite Nitrogen	2814	368	PBM-0002	9/30/2025	1	4.5	mg/l	2	10
Total Dinitrotoluenes	2814	368	PBM-0002	9/30/2025	1	2.629	ug/l	0.005	0.05
2,4-Dinitrotoluene	2814	372	PBM-0006	9/30/2025	1	0.079	ug/l	0.005	0.05
2,6-Dinitrotoluene	2814	372	PBM-0006	9/30/2025	1	0.066	ug/l	0.005	0.05
Nitrate+Nitrite Nitrogen	2814	372	PBM-0006	9/30/2025	1	2.9	mg/l	2	10
Total Dinitrotoluenes	2814	372	PBM-0006	9/30/2025	1	0.65	ug/l	0.005	0.05
2,4-Dinitrotoluene	2814	374	PBM-0008	9/11/2025	1	0.095	ug/l	0.005	0.05
2,6-Dinitrotoluene	2814	374	PBM-0008	9/11/2025	1	0.1	ug/l	0.005	0.05
Total Dinitrotoluenes	2814	374	PBM-0008	9/11/2025	1	0.807	ug/l	0.005	0.05
Carbon tetrachloride	2814	544	PBN-2301B	9/25/2025	1	2.3	ug/l	0.5	5
Carbon tetrachloride	2814	545	PBN-2301C	9/25/2025	1	2.7	ug/l	0.5	5
2,6-Dinitrotoluene	2814	592	PBN-1003C	9/25/2025	1	0.019	ug/l	0.005	0.05
Bromodichloromethane	2814	592	PBN-1003C	9/25/2025	1	0.1	ug/l	0.06	0.6
Total Dinitrotoluenes	2814	592	PBN-1003C	9/25/2025	1	0.019	ug/l	0.005	0.05
Bromodichloromethane	2814	595	PBN-1001C	9/10/2025	1	0.2	ug/l	0.06	0.6
Carbon tetrachloride	2814	595	PBN-1001C	9/10/2025	1	0.85	ug/l	0.5	5
Chloroform	2814	595	PBN-1001C	9/10/2025	1	1.5	ug/l	0.6	6
2,4-Dinitrotoluene	2814	613	PBN-8202A	9/11/2025	1	0.095	ug/l	0.005	0.05
2,6-Dinitrotoluene	2814	613	PBN-8202A	9/11/2025	1	0.083	ug/l	0.005	0.05
Total Dinitrotoluenes	2814	613	PBN-8202A	9/11/2025	1	1.446	ug/l	0.005	0.05
2,4-Dinitrotoluene	2814	614	PBN-8202B	9/11/2025	1	0.09	ug/l	0.005	0.05
2,6-Dinitrotoluene	2814	614	PBN-8202B	9/11/2025	1	0.065	ug/l	0.005	0.05
Carbon tetrachloride	2814	614	PBN-8202B	9/11/2025	1	0.65	ug/l	0.5	5
Total Dinitrotoluenes	2814	614	PBN-8202B	9/11/2025	1	2.205	ug/l	0.005	0.05
Trichloroethene	2814	614	PBN-8202B	9/11/2025	1	0.55	ug/l	0.5	5
2,4-Dinitrotoluene	2814	615	PBN-8202C	9/11/2025	1	0.065	ug/l	0.005	0.05
2,6-Dinitrotoluene	2814	615	PBN-8202C	9/11/2025	1	0.081	ug/l	0.005	0.05
Total Dinitrotoluenes	2814	615	PBN-8202C	9/11/2025	1	0.317	ug/l	0.005	0.05
2,4-Dinitrotoluene	2814	622	PBN-8205A	9/10/2025	1	0.027	ug/l	0.005	0.05
2,6-Dinitrotoluene	2814	622	PBN-8205A	9/10/2025	1	0.057	ug/l	0.005	0.05
Carbon tetrachloride	2814	622	PBN-8205A	9/10/2025	1	2.9	ug/l	0.5	5
Total Dinitrotoluenes	2814	622	PBN-8205A	9/10/2025	1	0.547	ug/l	0.005	0.05
Trichloroethene	2814	622	PBN-8205A	9/10/2025	1	0.64	ug/l	0.5	5
2,4-Dinitrotoluene	2814	623	PBN-8205B	9/10/2025	1	0.031	ug/l	0.005	0.05
2,4-Dinitrotoluene	2814	623	PBN-8205B	9/10/2025	2	0.028	ug/l	0.005	0.05
2,6-Dinitrotoluene	2814	623	PBN-8205B	9/10/2025	1	0.059	ug/l	0.005	0.05
2,6-Dinitrotoluene	2814	623	PBN-8205B	9/10/2025	2	0.055	ug/l	0.005	0.05
Carbon tetrachloride	2814	623	PBN-8205B	9/10/2025	1	3	ug/l	0.5	5

Parameter Name	Lic No.	Well No.	Well Name	Date	Dup	Result	Units	PAL	ES
Carbon tetrachloride	2814	623	PBN-8205B	9/10/2025	2	1.8	ug/l	0.5	5
Total Dinitrotoluenes	2814	623	PBN-8205B	9/10/2025	1	0.577	ug/l	0.005	0.05
Total Dinitrotoluenes	2814	623	PBN-8205B	9/10/2025	2	0.608	ug/l	0.005	0.05
Trichloroethene	2814	623	PBN-8205B	9/10/2025	1	0.63	ug/l	0.5	5
2,6-Dinitrotoluene	2814	624	PBN-8205C	9/10/2025	1	0.044	ug/l	0.005	0.05
Total Dinitrotoluenes	2814	624	PBN-8205C	9/10/2025	1	0.283	ug/l	0.005	0.05
Carbon tetrachloride	2814	632	PBN-8502A	9/10/2025	1	8.9	ug/l	0.5	5
Trichloroethene	2814	632	PBN-8502A	9/10/2025	1	1	ug/l	0.5	5
Carbon tetrachloride	2814	633	PBN-8503A	9/10/2025	1	0.98	ug/l	0.5	5
2,6-Dinitrotoluene	2814	645	PBN-8902C	9/10/2025	1	0.033	ug/l	0.005	0.05
Carbon tetrachloride	2814	645	PBN-8902C	9/10/2025	1	1.1	ug/l	0.5	5
Total Dinitrotoluenes	2814	645	PBN-8902C	9/10/2025	1	0.197	ug/l	0.005	0.05
Carbon tetrachloride	2814	668	PBN-9301B	9/10/2025	1	2.3	ug/l	0.5	5
Bromodichloromethane	2814	669	PBN-9301C	9/10/2025	1	0.19	ug/l	0.06	0.6
Carbon tetrachloride	2814	669	PBN-9301C	9/10/2025	1	0.59	ug/l	0.5	5
Chloroform	2814	669	PBN-9301C	9/10/2025	1	1.5	ug/l	0.6	6
Bromodichloromethane	2814	673	PBN-9303B	9/10/2025	1	0.1	ug/l	0.06	0.6
Carbon tetrachloride	2814	673	PBN-9303B	9/10/2025	1	3.5	ug/l	0.5	5
Chloroform	2814	673	PBN-9303B	9/10/2025	1	0.74	ug/l	0.6	6
Bromodichloromethane	2814	674	PBN-9303C	9/10/2025	1	0.13	ug/l	0.06	0.6
Carbon tetrachloride	2814	674	PBN-9303C	9/10/2025	1	1.7	ug/l	0.5	5
Chloroform	2814	674	PBN-9303C	9/10/2025	1	1.3	ug/l	0.6	6
2,6-Dinitrotoluene	2814	685	PBN-9304B	9/9/2025	1	0.025	ug/l	0.005	0.05
Carbon tetrachloride	2814	685	PBN-9304B	9/9/2025	1	1.2	ug/l	0.5	5
Total Dinitrotoluenes	2814	685	PBN-9304B	9/9/2025	1	0.041	ug/l	0.005	0.05
2,6-Dinitrotoluene	2814	686	PBN-9304C	9/9/2025	1	0.014	ug/l	0.005	0.05
Carbon tetrachloride	2814	686	PBN-9304C	9/9/2025	1	1.2	ug/l	0.5	5
Total Dinitrotoluenes	2814	686	PBN-9304C	9/9/2025	1	0.034	ug/l	0.005	0.05
Carbon tetrachloride	2814	692	PBN-9903A	9/8/2025	1	0.88	ug/l	0.5	5
2,6-Dinitrotoluene	2814	693	PBN-9903B	9/8/2025	1	0.026	ug/l	0.005	0.05
Carbon tetrachloride	2814	693	PBN-9903B	9/8/2025	1	1.9	ug/l	0.5	5
Total Dinitrotoluenes	2814	693	PBN-9903B	9/8/2025	1	0.0353	ug/l	0.005	0.05
Trichloroethene	2814	693	PBN-9903B	9/8/2025	1	0.55	ug/l	0.5	5
Carbon tetrachloride	2814	694	PBN-9903C	9/8/2025	1	5.2	ug/l	0.5	5
Chloroform	2814	694	PBN-9903C	9/8/2025	1	0.79	ug/l	0.6	6
Trichloroethene	2814	694	PBN-9903C	9/8/2025	1	2.4	ug/l	0.5	5
Carbon tetrachloride	2814	770	PBN-1302A	9/9/2025	1	3.2	ug/l	0.5	5
Carbon tetrachloride	2814	771	PBN-1302B	9/9/2025	1	3.1	ug/l	0.5	5
Carbon tetrachloride	2814	772	PBN-1302C	9/9/2025	1	1.7	ug/l	0.5	5
Chloroform	2814	772	PBN-1302C	9/9/2025	1	0.73	ug/l	0.6	6
Carbon tetrachloride	2814	774	PBN-1303A	9/8/2025	1	1.5	ug/l	0.5	5
Carbon tetrachloride	2814	775	PBN-1303B	9/8/2025	1	1.8	ug/l	0.5	5
Carbon tetrachloride	2814	776	PBN-1303C	9/8/2025	1	2	ug/l	0.5	5
Carbon tetrachloride	2814	780	PBN-1304C	9/8/2025	1	0.67	ug/l	0.5	5
2,4-Dinitrotoluene	2814	782	PBN-1401A	9/11/2025	1	0.029	ug/l	0.005	0.05
2,6-Dinitrotoluene	2814	782	PBN-1401A	9/11/2025	1	0.073	ug/l	0.005	0.05
Total Dinitrotoluenes	2814	782	PBN-1401A	9/11/2025	1	0.954	ug/l	0.005	0.05
2,4-Dinitrotoluene	2814	783	PBN-1401B	9/11/2025	1	0.033	ug/l	0.005	0.05
2,6-Dinitrotoluene	2814	783	PBN-1401B	9/11/2025	1	0.069	ug/l	0.005	0.05
Total Dinitrotoluenes	2814	783	PBN-1401B	9/11/2025	1	0.683	ug/l	0.005	0.05
Total Dinitrotoluenes	2814	784	PBN-1401C	9/11/2025	1	0.017	ug/l	0.005	0.05
Total Dinitrotoluenes	2814	784	PBN-1401C	9/11/2025	2	0.013	ug/l	0.005	0.05
Carbon tetrachloride	2814	791	PBN-1404B	9/10/2025	1	1.5	ug/l	0.5	5
Bromodichloromethane	2814	792	PBN-1404C	9/10/2025	1	0.11	ug/l	0.06	0.6
Chloroform	2814	792	PBN-1404C	9/10/2025	1	0.85	ug/l	0.6	6
Carbon tetrachloride	2814	795	PBN-8902BR	9/10/2025	1	2.1	ug/l	0.5	5
Trichloroethene	2814	795	PBN-8902BR	9/10/2025	1	0.59	ug/l	0.5	5

Badger Army Ammunition Plant

SpecPro Professional Services, LLC

September 2025

GROUNDWATER MONITORING ALL HITS REPORT

License No: 2814

Report Date: 11/25/2025

Parameter Name	Well	Well Name	Date	Dup	Result	LOD	LOQ	Units	PAL	ES
2,3-Dinitrotoluene	360	PBM-9801	9/30/2025	1	0.25	0.0058	0.049	ug/l		
2,4-Dinitrotoluene	360	PBM-9801	9/30/2025	1	0.17	0.0078	0.049	ug/l	0.005	0.05
2,6-Dinitrotoluene	360	PBM-9801	9/30/2025	1	0.11	0.0049	0.049	ug/l	0.005	0.05
3,4-Dinitrotoluene	360	PBM-9801	9/30/2025	1	0.12	0.0049	0.049	ug/l		
3,5-Dinitrotoluene	360	PBM-9801	9/30/2025	1	0.047	0.0049	0.049	ug/l		
Carbon tetrachloride	360	PBM-9801	9/30/2025	1	0.13	0.1	0.2	ug/l	0.5	5
Nitrate+Nitrite Nitrogen	360	PBM-9801	9/30/2025	1	3.9	0.05	0.5	mg/l	2	10
Total Dinitrotoluenes	360	PBM-9801	9/30/2025	1	0.697	0.0078	0.049	ug/l	0.005	0.05
Trichloroethene	360	PBM-9801	9/30/2025	1	0.11	0.1	0.2	ug/l	0.5	5
2,3-Dinitrotoluene	367	PBM-0001	9/30/2025	1	0.27	0.0058	0.049	ug/l		
2,4-Dinitrotoluene	367	PBM-0001	9/30/2025	1	0.11	0.0078	0.049	ug/l	0.005	0.05
2,6-Dinitrotoluene	367	PBM-0001	9/30/2025	1	0.096	0.0049	0.049	ug/l	0.005	0.05
3,4-Dinitrotoluene	367	PBM-0001	9/30/2025	1	0.13	0.0049	0.049	ug/l		
3,5-Dinitrotoluene	367	PBM-0001	9/30/2025	1	0.058	0.0049	0.049	ug/l		
Carbon tetrachloride	367	PBM-0001	9/30/2025	1	0.19	0.1	0.2	ug/l	0.5	5
Nitrate+Nitrite Nitrogen	367	PBM-0001	9/30/2025	1	3.7	0.05	0.5	mg/l	2	10
Total Dinitrotoluenes	367	PBM-0001	9/30/2025	1	0.664	0.0078	0.049	ug/l	0.005	0.05
Trichloroethene	367	PBM-0001	9/30/2025	1	0.22	0.1	0.2	ug/l	0.5	5
2,3-Dinitrotoluene	368	PBM-0002	9/30/2025	1	1.6	0.0058	0.049	ug/l		
2,4-Dinitrotoluene	368	PBM-0002	9/30/2025	1	0.13	0.0078	0.049	ug/l	0.005	0.05
2,5-Dinitrotoluene	368	PBM-0002	9/30/2025	1	0.049	0.0049	0.049	ug/l		
2,6-Dinitrotoluene	368	PBM-0002	9/30/2025	1	0.23	0.0049	0.049	ug/l	0.005	0.05
3,4-Dinitrotoluene	368	PBM-0002	9/30/2025	1	0.48	0.0049	0.049	ug/l		
3,5-Dinitrotoluene	368	PBM-0002	9/30/2025	1	0.14	0.0049	0.049	ug/l		
Carbon tetrachloride	368	PBM-0002	9/30/2025	1	0.22	0.1	0.2	ug/l	0.5	5
Nitrate+Nitrite Nitrogen	368	PBM-0002	9/30/2025	1	4.5	0.05	0.5	mg/l	2	10
Total Dinitrotoluenes	368	PBM-0002	9/30/2025	1	2.629	0.0078	0.049	ug/l	0.005	0.05
Trichloroethene	368	PBM-0002	9/30/2025	1	0.39	0.1	0.2	ug/l	0.5	5
2,3-Dinitrotoluene	372	PBM-0006	9/30/2025	1	0.24	0.0058	0.049	ug/l		
2,4-Dinitrotoluene	372	PBM-0006	9/30/2025	1	0.079	0.0078	0.049	ug/l	0.005	0.05
2,5-Dinitrotoluene	372	PBM-0006	9/30/2025	1	0.011	0.0049	0.049	ug/l		
2,6-Dinitrotoluene	372	PBM-0006	9/30/2025	1	0.066	0.0049	0.049	ug/l	0.005	0.05
3,4-Dinitrotoluene	372	PBM-0006	9/30/2025	1	0.2	0.0049	0.049	ug/l		
3,5-Dinitrotoluene	372	PBM-0006	9/30/2025	1	0.054	0.0049	0.049	ug/l		
Carbon tetrachloride	372	PBM-0006	9/30/2025	1	0.29	0.1	0.2	ug/l	0.5	5
Nitrate+Nitrite Nitrogen	372	PBM-0006	9/30/2025	1	2.9	0.05	0.5	mg/l	2	10
Total Dinitrotoluenes	372	PBM-0006	9/30/2025	1	0.65	0.0078	0.049	ug/l	0.005	0.05
Trichloroethene	372	PBM-0006	9/30/2025	1	0.42	0.1	0.2	ug/l	0.5	5
2,3-Dinitrotoluene	374	PBM-0008	9/11/2025	1	0.3	0.0058	0.049	ug/l		
2,4-Dinitrotoluene	374	PBM-0008	9/11/2025	1	0.095	0.0078	0.049	ug/l	0.005	0.05
2,5-Dinitrotoluene	374	PBM-0008	9/11/2025	1	0.032	0.0049	0.049	ug/l		
2,6-Dinitrotoluene	374	PBM-0008	9/11/2025	1	0.1	0.0049	0.049	ug/l	0.005	0.05
3,4-Dinitrotoluene	374	PBM-0008	9/11/2025	1	0.19	0.0049	0.049	ug/l		
3,5-Dinitrotoluene	374	PBM-0008	9/11/2025	1	0.09	0.0049	0.049	ug/l		
Carbon tetrachloride	374	PBM-0008	9/11/2025	1	0.12	0.1	0.2	ug/l	0.5	5
Total Dinitrotoluenes	374	PBM-0008	9/11/2025	1	0.807	0.0078	0.049	ug/l	0.005	0.05
Trichloroethene	374	PBM-0008	9/11/2025	1	0.15	0.1	0.2	ug/l	0.5	5
1,1,1-Trichloroethane	544	PBN-2301B	9/25/2025	1	0.15	0.1	0.2	ug/l	40	200

Parameter Name	Well	Well Name	Date	Dup	Result	LOD	LOQ	Units	PAL	ES
Carbon tetrachloride	544	PBN-2301B	9/25/2025	1	2.3	0.1	0.2	ug/l	0.5	5
Chloroform	544	PBN-2301B	9/25/2025	1	0.28	0.1	0.2	ug/l	0.6	6
1,1,1-Trichloroethane	545	PBN-2301C	9/25/2025	1	0.22	0.1	0.2	ug/l	40	200
Carbon tetrachloride	545	PBN-2301C	9/25/2025	1	2.7	0.1	0.2	ug/l	0.5	5
Chloroform	545	PBN-2301C	9/25/2025	1	0.28	0.1	0.2	ug/l	0.6	6
1,1-Dichloroethane	546	PBN-2301D	9/25/2025	2	0.26	0.1	0.2	ug/l	85	850
1,1-Dichloroethane	546	PBN-2301D	9/25/2025	1	0.25	0.1	0.2	ug/l	85	850
Ethyl ether	546	PBN-2301D	9/25/2025	2	15	0.1	0.2	ug/l	100	1000
Ethyl ether	546	PBN-2301D	9/25/2025	1	15	0.1	0.2	ug/l	100	1000
2,6-Dinitrotoluene	592	PBN-1003C	9/25/2025	1	0.019	0.0048	0.048	ug/l	0.005	0.05
Bromodichloromethane	592	PBN-1003C	9/25/2025	1	0.1	0.1	0.2	ug/l	0.06	0.6
Chloroform	592	PBN-1003C	9/25/2025	1	0.51	0.1	0.2	ug/l	0.6	6
Total Dinitrotoluenes	592	PBN-1003C	9/25/2025	1	0.019	0.0076	0.048	ug/l	0.005	0.05
1,1,1-Trichloroethane	595	PBN-1001C	9/10/2025	1	0.11	0.1	0.2	ug/l	40	200
Bromodichloromethane	595	PBN-1001C	9/10/2025	1	0.2	0.1	0.2	ug/l	0.06	0.6
Carbon tetrachloride	595	PBN-1001C	9/10/2025	1	0.85	0.1	0.2	ug/l	0.5	5
Chloroform	595	PBN-1001C	9/10/2025	1	1.5	0.1	0.2	ug/l	0.6	6
Trichloroethene	595	PBN-1001C	9/10/2025	1	0.24	0.1	0.2	ug/l	0.5	5
2,3-Dinitrotoluene	613	PBN-8202A	9/11/2025	1	0.84	0.0058	0.048	ug/l		
2,4-Dinitrotoluene	613	PBN-8202A	9/11/2025	1	0.095	0.0077	0.048	ug/l	0.005	0.05
2,5-Dinitrotoluene	613	PBN-8202A	9/11/2025	1	0.018	0.0048	0.048	ug/l		
2,6-Dinitrotoluene	613	PBN-8202A	9/11/2025	1	0.083	0.0048	0.048	ug/l	0.005	0.05
3,4-Dinitrotoluene	613	PBN-8202A	9/11/2025	1	0.24	0.0048	0.048	ug/l		
3,5-Dinitrotoluene	613	PBN-8202A	9/11/2025	1	0.17	0.0048	0.048	ug/l		
Carbon tetrachloride	613	PBN-8202A	9/11/2025	1	0.19	0.1	0.2	ug/l	0.5	5
Total Dinitrotoluenes	613	PBN-8202A	9/11/2025	1	1.446	0.0077	0.048	ug/l	0.005	0.05
Trichloroethene	613	PBN-8202A	9/11/2025	1	0.22	0.1	0.2	ug/l	0.5	5
2,3-Dinitrotoluene	614	PBN-8202B	9/11/2025	1	1.5	0.0061	0.051	ug/l		
2,4-Dinitrotoluene	614	PBN-8202B	9/11/2025	1	0.09	0.0081	0.051	ug/l	0.005	0.05
2,6-Dinitrotoluene	614	PBN-8202B	9/11/2025	1	0.065	0.0051	0.051	ug/l	0.005	0.05
3,4-Dinitrotoluene	614	PBN-8202B	9/11/2025	1	0.26	0.0051	0.051	ug/l		
3,5-Dinitrotoluene	614	PBN-8202B	9/11/2025	1	0.29	0.0051	0.051	ug/l		
Carbon tetrachloride	614	PBN-8202B	9/11/2025	1	0.65	0.1	0.2	ug/l	0.5	5
Total Dinitrotoluenes	614	PBN-8202B	9/11/2025	1	2.205	0.0081	0.051	ug/l	0.005	0.05
Trichloroethene	614	PBN-8202B	9/11/2025	1	0.55	0.1	0.2	ug/l	0.5	5
2,3-Dinitrotoluene	615	PBN-8202C	9/11/2025	1	0.069	0.006	0.05	ug/l		
2,4-Dinitrotoluene	615	PBN-8202C	9/11/2025	1	0.065	0.008	0.05	ug/l	0.005	0.05
2,5-Dinitrotoluene	615	PBN-8202C	9/11/2025	1	0.017	0.005	0.05	ug/l		
2,6-Dinitrotoluene	615	PBN-8202C	9/11/2025	1	0.081	0.005	0.05	ug/l	0.005	0.05
3,4-Dinitrotoluene	615	PBN-8202C	9/11/2025	1	0.048	0.005	0.05	ug/l		
3,5-Dinitrotoluene	615	PBN-8202C	9/11/2025	1	0.037	0.005	0.05	ug/l		
Total Dinitrotoluenes	615	PBN-8202C	9/11/2025	1	0.317	0.008	0.05	ug/l	0.005	0.05
1,1,1-Trichloroethane	622	PBN-8205A	9/10/2025	1	0.23	0.1	0.2	ug/l	40	200
2,3-Dinitrotoluene	622	PBN-8205A	9/10/2025	1	0.26	0.0058	0.049	ug/l		
2,4-Dinitrotoluene	622	PBN-8205A	9/10/2025	1	0.027	0.0078	0.049	ug/l	0.005	0.05
2,5-Dinitrotoluene	622	PBN-8205A	9/10/2025	1	0.015	0.0049	0.049	ug/l		
2,6-Dinitrotoluene	622	PBN-8205A	9/10/2025	1	0.057	0.0049	0.049	ug/l	0.005	0.05
3,4-Dinitrotoluene	622	PBN-8205A	9/10/2025	1	0.13	0.0049	0.049	ug/l		
3,5-Dinitrotoluene	622	PBN-8205A	9/10/2025	1	0.058	0.0049	0.049	ug/l		
Carbon tetrachloride	622	PBN-8205A	9/10/2025	1	2.9	0.1	0.2	ug/l	0.5	5
Chloroform	622	PBN-8205A	9/10/2025	1	0.12	0.1	0.2	ug/l	0.6	6
Total Dinitrotoluenes	622	PBN-8205A	9/10/2025	1	0.547	0.0078	0.049	ug/l	0.005	0.05
Trichloroethene	622	PBN-8205A	9/10/2025	1	0.64	0.1	0.2	ug/l	0.5	5
1,1,1-Trichloroethane	623	PBN-8205B	9/10/2025	2	0.14	0.1	0.2	ug/l	40	200
1,1,1-Trichloroethane	623	PBN-8205B	9/10/2025	1	0.2	0.1	0.2	ug/l	40	200
2,3-Dinitrotoluene	623	PBN-8205B	9/10/2025	2	0.29	0.0067	0.056	ug/l		
2,3-Dinitrotoluene	623	PBN-8205B	9/10/2025	1	0.29	0.0067	0.056	ug/l		

Parameter Name	Well	Well Name	Date	Dup	Result	LOD	LOQ	Units	PAL	ES
2,4-Dinitrotoluene	623	PBN-8205B	9/10/2025	2	0.028	0.0089	0.056	ug/l	0.005	0.05
2,4-Dinitrotoluene	623	PBN-8205B	9/10/2025	1	0.031	0.0089	0.056	ug/l	0.005	0.05
2,5-Dinitrotoluene	623	PBN-8205B	9/10/2025	2	0.019	0.0056	0.056	ug/l		
2,6-Dinitrotoluene	623	PBN-8205B	9/10/2025	2	0.055	0.0056	0.056	ug/l	0.005	0.05
2,6-Dinitrotoluene	623	PBN-8205B	9/10/2025	1	0.059	0.0056	0.056	ug/l	0.005	0.05
3,4-Dinitrotoluene	623	PBN-8205B	9/10/2025	2	0.14	0.0056	0.056	ug/l		
3,4-Dinitrotoluene	623	PBN-8205B	9/10/2025	1	0.13	0.0056	0.056	ug/l		
3,5-Dinitrotoluene	623	PBN-8205B	9/10/2025	2	0.076	0.0056	0.056	ug/l		
3,5-Dinitrotoluene	623	PBN-8205B	9/10/2025	1	0.067	0.0056	0.056	ug/l		
Carbon tetrachloride	623	PBN-8205B	9/10/2025	2	1.8	0.1	0.2	ug/l	0.5	5
Carbon tetrachloride	623	PBN-8205B	9/10/2025	1	3	0.1	0.2	ug/l	0.5	5
Chloroform	623	PBN-8205B	9/10/2025	1	0.13	0.1	0.2	ug/l	0.6	6
Total Dinitrotoluenes	623	PBN-8205B	9/10/2025	2	0.608	0.0089	0.056	ug/l	0.005	0.05
Total Dinitrotoluenes	623	PBN-8205B	9/10/2025	1	0.577	0.0089	0.056	ug/l	0.005	0.05
Trichloroethene	623	PBN-8205B	9/10/2025	2	0.42	0.1	0.2	ug/l	0.5	5
Trichloroethene	623	PBN-8205B	9/10/2025	1	0.63	0.1	0.2	ug/l	0.5	5
2,3-Dinitrotoluene	624	PBN-8205C	9/10/2025	1	0.12	0.0058	0.048	ug/l		
2,6-Dinitrotoluene	624	PBN-8205C	9/10/2025	1	0.044	0.0048	0.048	ug/l	0.005	0.05
3,4-Dinitrotoluene	624	PBN-8205C	9/10/2025	1	0.069	0.0048	0.048	ug/l		
3,5-Dinitrotoluene	624	PBN-8205C	9/10/2025	1	0.05	0.0048	0.048	ug/l		
Carbon tetrachloride	624	PBN-8205C	9/10/2025	1	0.13	0.1	0.2	ug/l	0.5	5
Total Dinitrotoluenes	624	PBN-8205C	9/10/2025	1	0.283	0.0077	0.048	ug/l	0.005	0.05
Trichloroethene	624	PBN-8205C	9/10/2025	1	0.16	0.1	0.2	ug/l	0.5	5
1,1,1-Trichloroethane	632	PBN-8502A	9/10/2025	1	0.48	0.1	0.2	ug/l	40	200
Carbon tetrachloride	632	PBN-8502A	9/10/2025	1	8.9	0.1	0.2	ug/l	0.5	5
Chloroform	632	PBN-8502A	9/10/2025	1	0.12	0.1	0.2	ug/l	0.6	6
Trichloroethene	632	PBN-8502A	9/10/2025	1	1	0.1	0.2	ug/l	0.5	5
Carbon tetrachloride	633	PBN-8503A	9/10/2025	1	0.98	0.1	0.2	ug/l	0.5	5
Carbon tetrachloride	637	PBN-8907	9/10/2025	1	0.28	0.1	0.2	ug/l	0.5	5
2,3-Dinitrotoluene	645	PBN-8902C	9/10/2025	1	0.13	0.0057	0.048	ug/l		
2,6-Dinitrotoluene	645	PBN-8902C	9/10/2025	1	0.033	0.0048	0.048	ug/l	0.005	0.05
3,4-Dinitrotoluene	645	PBN-8902C	9/10/2025	1	0.034	0.0048	0.048	ug/l		
Carbon tetrachloride	645	PBN-8902C	9/10/2025	1	1.1	0.1	0.2	ug/l	0.5	5
Total Dinitrotoluenes	645	PBN-8902C	9/10/2025	1	0.197	0.0076	0.048	ug/l	0.005	0.05
Trichloroethene	645	PBN-8902C	9/10/2025	1	0.45	0.1	0.2	ug/l	0.5	5
Carbon tetrachloride	655	PBN-8912B	9/11/2025	1	0.17	0.1	0.2	ug/l	0.5	5
Toluene	655	PBN-8912B	9/11/2025	1	0.98	0.1	0.2	ug/l	160	800
Trichloroethene	655	PBN-8912B	9/11/2025	1	0.18	0.1	0.2	ug/l	0.5	5
Carbon tetrachloride	665	PBN-9112C	9/11/2025	1	0.42	0.1	0.2	ug/l	0.5	5
Chloroform	665	PBN-9112C	9/11/2025	1	0.16	0.1	0.2	ug/l	0.6	6
Trichloroethene	665	PBN-9112C	9/11/2025	1	0.12	0.1	0.2	ug/l	0.5	5
Carbon tetrachloride	668	PBN-9301B	9/10/2025	1	2.3	0.1	0.2	ug/l	0.5	5
Chloroform	668	PBN-9301B	9/10/2025	1	0.21	0.1	0.2	ug/l	0.6	6
Trichloroethene	668	PBN-9301B	9/10/2025	1	0.22	0.1	0.2	ug/l	0.5	5
1,1,1-Trichloroethane	669	PBN-9301C	9/10/2025	1	0.33	0.1	0.2	ug/l	40	200
Bromodichloromethane	669	PBN-9301C	9/10/2025	1	0.19	0.1	0.2	ug/l	0.06	0.6
Carbon tetrachloride	669	PBN-9301C	9/10/2025	1	0.59	0.1	0.2	ug/l	0.5	5
Chloroform	669	PBN-9301C	9/10/2025	1	1.5	0.1	0.2	ug/l	0.6	6
Trichloroethene	669	PBN-9301C	9/10/2025	1	0.18	0.1	0.2	ug/l	0.5	5
1,1,1-Trichloroethane	673	PBN-9303B	9/10/2025	1	0.24	0.1	0.2	ug/l	40	200
Bromodichloromethane	673	PBN-9303B	9/10/2025	1	0.1	0.1	0.2	ug/l	0.06	0.6
Carbon tetrachloride	673	PBN-9303B	9/10/2025	1	3.5	0.1	0.2	ug/l	0.5	5
Chloroform	673	PBN-9303B	9/10/2025	1	0.74	0.1	0.2	ug/l	0.6	6
Trichloroethene	673	PBN-9303B	9/10/2025	1	0.21	0.1	0.2	ug/l	0.5	5
1,1,1-Trichloroethane	674	PBN-9303C	9/10/2025	1	1.1	0.1	0.2	ug/l	40	200
1,1-Dichloroethene	674	PBN-9303C	9/10/2025	1	0.1	0.1	0.2	ug/l	0.7	7
Bromodichloromethane	674	PBN-9303C	9/10/2025	1	0.13	0.1	0.2	ug/l	0.06	0.6

Parameter Name	Well	Well Name	Date	Dup	Result	LOD	LOQ	Units	PAL	ES
Carbon tetrachloride	674	PBN-9303C	9/10/2025	1	1.7	0.1	0.2	ug/l	0.5	5
Chloroform	674	PBN-9303C	9/10/2025	1	1.3	0.1	0.2	ug/l	0.6	6
Trichloroethene	674	PBN-9303C	9/10/2025	1	0.2	0.1	0.2	ug/l	0.5	5
1,1-Dichloroethane	675	PBN-9303D	9/10/2025	1	1.3	0.1	0.2	ug/l	85	850
1,1-Dichloroethene	675	PBN-9303D	9/10/2025	1	0.22	0.1	0.2	ug/l	0.7	7
Ethyl ether	675	PBN-9303D	9/10/2025	1	81	1	2	ug/l	100	1000
1,1,1-Trichloroethane	685	PBN-9304B	9/9/2025	1	0.1	0.1	0.2	ug/l	40	200
2,3-Dinitrotoluene	685	PBN-9304B	9/9/2025	1	0.016	0.0057	0.048	ug/l		
2,6-Dinitrotoluene	685	PBN-9304B	9/9/2025	1	0.025	0.0048	0.048	ug/l	0.005	0.05
Carbon tetrachloride	685	PBN-9304B	9/9/2025	1	1.2	0.1	0.2	ug/l	0.5	5
Chloroform	685	PBN-9304B	9/9/2025	1	0.15	0.1	0.2	ug/l	0.6	6
Total Dinitrotoluenes	685	PBN-9304B	9/9/2025	1	0.041	0.0076	0.048	ug/l	0.005	0.05
Trichloroethene	685	PBN-9304B	9/9/2025	1	0.31	0.1	0.2	ug/l	0.5	5
2,3-Dinitrotoluene	686	PBN-9304C	9/9/2025	1	0.02	0.0058	0.049	ug/l		
2,6-Dinitrotoluene	686	PBN-9304C	9/9/2025	1	0.014	0.0049	0.049	ug/l	0.005	0.05
Carbon tetrachloride	686	PBN-9304C	9/9/2025	1	1.2	0.1	0.2	ug/l	0.5	5
Chloroform	686	PBN-9304C	9/9/2025	1	0.21	0.1	0.2	ug/l	0.6	6
Total Dinitrotoluenes	686	PBN-9304C	9/9/2025	1	0.034	0.0078	0.049	ug/l	0.005	0.05
Trichloroethene	686	PBN-9304C	9/9/2025	1	0.43	0.1	0.2	ug/l	0.5	5
1,2-Dichloroethane	687	PBN-9304D	9/9/2025	2	0.15	0.1	0.2	ug/l	0.5	5
1,2-Dichloroethane	687	PBN-9304D	9/9/2025	1	0.15	0.1	0.2	ug/l	0.5	5
Ethyl ether	687	PBN-9304D	9/9/2025	1	34	0.5	1	ug/l	100	1000
Ethyl ether	687	PBN-9304D	9/9/2025	2	35	0.5	1	ug/l	100	1000
Carbon tetrachloride	692	PBN-9903A	9/8/2025	1	0.88	0.1	0.2	ug/l	0.5	5
Chloroform	692	PBN-9903A	9/8/2025	1	0.1	0.1	0.2	ug/l	0.6	6
Trichloroethene	692	PBN-9903A	9/8/2025	1	0.23	0.1	0.2	ug/l	0.5	5
1,1,1-Trichloroethane	693	PBN-9903B	9/8/2025	1	0.15	0.1	0.2	ug/l	40	200
2,3-Dinitrotoluene	693	PBN-9903B	9/8/2025	1	0.0093	0.0059	0.049	ug/l		
2,6-Dinitrotoluene	693	PBN-9903B	9/8/2025	1	0.026	0.0049	0.049	ug/l	0.005	0.05
Carbon tetrachloride	693	PBN-9903B	9/8/2025	1	1.9	0.1	0.2	ug/l	0.5	5
Chloroform	693	PBN-9903B	9/8/2025	1	0.21	0.1	0.2	ug/l	0.6	6
Total Dinitrotoluenes	693	PBN-9903B	9/8/2025	1	0.0353	0.0078	0.049	ug/l	0.005	0.05
Trichloroethene	693	PBN-9903B	9/8/2025	1	0.55	0.1	0.2	ug/l	0.5	5
1,1,1-Trichloroethane	694	PBN-9903C	9/8/2025	1	0.28	0.1	0.2	ug/l	40	200
Carbon tetrachloride	694	PBN-9903C	9/8/2025	1	5.2	0.1	0.2	ug/l	0.5	5
Chloroform	694	PBN-9903C	9/8/2025	1	0.79	0.1	0.2	ug/l	0.6	6
Trichloroethene	694	PBN-9903C	9/8/2025	1	2.4	0.1	0.2	ug/l	0.5	5
1,2-Dichloroethane	695	PBN-9903D	9/8/2025	1	0.36	0.1	0.2	ug/l	0.5	5
Ethyl ether	695	PBN-9903D	9/8/2025	1	35	5	10	ug/l	100	1000
1,1,1-Trichloroethane	770	PBN-1302A	9/9/2025	1	0.15	0.1	0.2	ug/l	40	200
Carbon tetrachloride	770	PBN-1302A	9/9/2025	1	3.2	0.1	0.2	ug/l	0.5	5
Chloroform	770	PBN-1302A	9/9/2025	1	0.38	0.1	0.2	ug/l	0.6	6
Trichloroethene	770	PBN-1302A	9/9/2025	1	0.23	0.1	0.2	ug/l	0.5	5
1,1,1-Trichloroethane	771	PBN-1302B	9/9/2025	1	0.12	0.1	0.2	ug/l	40	200
Carbon tetrachloride	771	PBN-1302B	9/9/2025	1	3.1	0.1	0.2	ug/l	0.5	5
Chloroform	771	PBN-1302B	9/9/2025	1	0.42	0.1	0.2	ug/l	0.6	6
Trichloroethene	771	PBN-1302B	9/9/2025	1	0.4	0.1	0.2	ug/l	0.5	5
1,1,1-Trichloroethane	772	PBN-1302C	9/9/2025	1	0.77	0.1	0.2	ug/l	40	200
Carbon tetrachloride	772	PBN-1302C	9/9/2025	1	1.7	0.1	0.2	ug/l	0.5	5
Chloroform	772	PBN-1302C	9/9/2025	1	0.73	0.1	0.2	ug/l	0.6	6
1,1,1-Trichloroethane	774	PBN-1303A	9/8/2025	1	0.31	0.1	0.2	ug/l	40	200
Carbon tetrachloride	774	PBN-1303A	9/8/2025	1	1.5	0.1	0.2	ug/l	0.5	5
Chloroform	774	PBN-1303A	9/8/2025	1	0.33	0.1	0.2	ug/l	0.6	6
1,1,1-Trichloroethane	775	PBN-1303B	9/8/2025	1	0.36	0.1	0.2	ug/l	40	200
Carbon tetrachloride	775	PBN-1303B	9/8/2025	1	1.8	0.1	0.2	ug/l	0.5	5
Chloroform	775	PBN-1303B	9/8/2025	1	0.34	0.1	0.2	ug/l	0.6	6
1,1,1-Trichloroethane	776	PBN-1303C	9/8/2025	1	0.55	0.1	0.2	ug/l	40	200

Parameter Name	Well	Well Name	Date	Dup	Result	LOD	LOQ	Units	PAL	ES
Carbon tetrachloride	776	PBN-1303C	9/8/2025	1	2	0.1	0.2	ug/l	0.5	5
Chloroform	776	PBN-1303C	9/8/2025	1	0.41	0.1	0.2	ug/l	0.6	6
Trichloroethene	776	PBN-1303C	9/8/2025	1	0.12	0.1	0.2	ug/l	0.5	5
1,1-Dichloroethane	777	PBN-1303D	9/8/2025	1	0.64	0.1	0.2	ug/l	85	850
1,1-Dichloroethene	777	PBN-1303D	9/8/2025	1	0.15	0.1	0.2	ug/l	0.7	7
Ethyl ether	777	PBN-1303D	9/8/2025	1	3.8	0.1	0.2	ug/l	100	1000
1,1,1-Trichloroethane	778	PBN-1304A	9/8/2025	1	0.22	0.1	0.2	ug/l	40	200
Carbon tetrachloride	778	PBN-1304A	9/8/2025	1	0.46	0.1	0.2	ug/l	0.5	5
Chloroform	778	PBN-1304A	9/8/2025	1	0.15	0.1	0.2	ug/l	0.6	6
1,1,1-Trichloroethane	779	PBN-1304B	9/8/2025	1	0.18	0.1	0.2	ug/l	40	200
Carbon tetrachloride	779	PBN-1304B	9/8/2025	1	0.44	0.1	0.2	ug/l	0.5	5
Chloroform	779	PBN-1304B	9/8/2025	1	0.2	0.1	0.2	ug/l	0.6	6
1,1,1-Trichloroethane	780	PBN-1304C	9/8/2025	1	0.29	0.1	0.2	ug/l	40	200
Carbon tetrachloride	780	PBN-1304C	9/8/2025	1	0.67	0.1	0.2	ug/l	0.5	5
Chloroform	780	PBN-1304C	9/8/2025	1	0.17	0.1	0.2	ug/l	0.6	6
1,1-Dichloroethane	781	PBN-1304D	9/8/2025	1	0.6	0.1	0.2	ug/l	85	850
2,3-Dinitrotoluene	782	PBN-1401A	9/11/2025	1	0.63	0.0057	0.048	ug/l		
2,4-Dinitrotoluene	782	PBN-1401A	9/11/2025	1	0.029	0.0076	0.048	ug/l	0.005	0.05
2,5-Dinitrotoluene	782	PBN-1401A	9/11/2025	1	0.023	0.0048	0.048	ug/l		
2,6-Dinitrotoluene	782	PBN-1401A	9/11/2025	1	0.073	0.0048	0.048	ug/l	0.005	0.05
3,4-Dinitrotoluene	782	PBN-1401A	9/11/2025	1	0.13	0.0048	0.048	ug/l		
3,5-Dinitrotoluene	782	PBN-1401A	9/11/2025	1	0.069	0.0048	0.048	ug/l		
Total Dinitrotoluenes	782	PBN-1401A	9/11/2025	1	0.954	0.0076	0.048	ug/l	0.005	0.05
2,3-Dinitrotoluene	783	PBN-1401B	9/11/2025	1	0.45	0.0058	0.049	ug/l		
2,4-Dinitrotoluene	783	PBN-1401B	9/11/2025	1	0.033	0.0078	0.049	ug/l	0.005	0.05
2,5-Dinitrotoluene	783	PBN-1401B	9/11/2025	1	0.016	0.0049	0.049	ug/l		
2,6-Dinitrotoluene	783	PBN-1401B	9/11/2025	1	0.069	0.0049	0.049	ug/l	0.005	0.05
3,4-Dinitrotoluene	783	PBN-1401B	9/11/2025	1	0.07	0.0049	0.049	ug/l		
3,5-Dinitrotoluene	783	PBN-1401B	9/11/2025	1	0.045	0.0049	0.049	ug/l		
Total Dinitrotoluenes	783	PBN-1401B	9/11/2025	1	0.683	0.0078	0.049	ug/l	0.005	0.05
2,3-Dinitrotoluene	784	PBN-1401C	9/11/2025	1	0.017	0.0059	0.049	ug/l		
2,3-Dinitrotoluene	784	PBN-1401C	9/11/2025	2	0.013	0.0058	0.048	ug/l		
Total Dinitrotoluenes	784	PBN-1401C	9/11/2025	2	0.013	0.0077	0.048	ug/l	0.005	0.05
Total Dinitrotoluenes	784	PBN-1401C	9/11/2025	1	0.017	0.0078	0.049	ug/l	0.005	0.05
Carbon tetrachloride	791	PBN-1404B	9/10/2025	1	1.5	0.1	0.2	ug/l	0.5	5
Chloroform	791	PBN-1404B	9/10/2025	1	0.25	0.1	0.2	ug/l	0.6	6
Trichloroethene	791	PBN-1404B	9/10/2025	1	0.27	0.1	0.2	ug/l	0.5	5
Bromodichloromethane	792	PBN-1404C	9/10/2025	1	0.11	0.1	0.2	ug/l	0.06	0.6
Carbon tetrachloride	792	PBN-1404C	9/10/2025	1	0.34	0.1	0.2	ug/l	0.5	5
Chloroform	792	PBN-1404C	9/10/2025	1	0.85	0.1	0.2	ug/l	0.6	6
Trichloroethene	792	PBN-1404C	9/10/2025	1	0.17	0.1	0.2	ug/l	0.5	5
Ethyl ether	793	PBN-1404D	9/10/2025	1	60	1	2	ug/l	100	1000
1,1,1-Trichloroethane	795	PBN-8902BR	9/10/2025	1	0.15	0.1	0.2	ug/l	40	200
Carbon tetrachloride	795	PBN-8902BR	9/10/2025	1	2.1	0.1	0.2	ug/l	0.5	5
Chloroform	795	PBN-8902BR	9/10/2025	1	0.16	0.1	0.2	ug/l	0.6	6
Trichloroethene	795	PBN-8902BR	9/10/2025	1	0.59	0.1	0.2	ug/l	0.5	5

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 - Deterrent Burning Grounds	03037	157065260	9/24/25

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

September 2025

Type of Data Submitted (Check all that apply)

- | | |
|---|--|
| ☒ Groundwater monitoring data from monitoring wells | ☐ Gas monitoring data |
| ☐ Groundwater monitoring data from private water supply wells | ☐ Air monitoring data |
| ☐ Leachate 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

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

Case Narrative
Groundwater Monitoring
License Number 3037
Deterrent Burning Grounds
September 2025
Badger Army Ammunition Plant

Groundwater is currently being monitored by the facility because of past production activities. Twelve (12) monitoring wells were sampled to assist with determining the degree and lateral extent of dinitrotoluene (DNT) in the Deterrent Burning Ground Plume.

2,6-DNT exceeded the Enforcement Standard (ES) in DBM-8202 (302). Total DNT exceeded the ES in DBM-8201 (301), DBM-8202 (302), DBN-1001B (472), and DBN-1002C (476).

2,4-DNT exceeded the Preventive Action Limit (PAL) in DBM-8202 (302). 2,6-DNT exceeded the PAL in DBM-8201 (301) and DBN-1002C (476).

DNT analysis was performed by CT Laboratories 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.

Badger Army Ammunition Plant

SpecPro Professional Services, LLC

GROUNDWATER MONITORING EXCEEDANCE REPORT

September 2025

Report Date: 11/25/2025

Parameter Name	Lic No.	Well No.	Well Name	Date	Dup	Result	Units	PAL	ES
2,6-Dinitrotoluene	3037	301	DBM-8201	9/24/2025	1	0.031	ug/l	0.005	0.05
Total Dinitrotoluenes	3037	301	DBM-8201	9/24/2025	1	0.781	ug/l	0.005	0.05
2,4-Dinitrotoluene	3037	302	DBM-8202	9/24/2025	1	0.027	ug/l	0.005	0.05
2,6-Dinitrotoluene	3037	302	DBM-8202	9/24/2025	1	0.091	ug/l	0.005	0.05
Total Dinitrotoluenes	3037	302	DBM-8202	9/24/2025	1	3.084	ug/l	0.005	0.05
Total Dinitrotoluenes	3037	472	DBN-1001B	9/24/2025	1	0.17	ug/l	0.005	0.05
2,6-Dinitrotoluene	3037	476	DBN-1002C	9/24/2025	1	0.016	ug/l	0.005	0.05
2,6-Dinitrotoluene	3037	476	DBN-1002C	9/24/2025	2	0.017	ug/l	0.005	0.05
Total Dinitrotoluenes	3037	476	DBN-1002C	9/24/2025	1	0.414	ug/l	0.005	0.05
Total Dinitrotoluenes	3037	476	DBN-1002C	9/24/2025	2	0.439	ug/l	0.005	0.05

Badger Army Ammunition Plant

SpecPro Professional Services, LLC

September 2025

GROUNDWATER MONITORING ALL HITS REPORT

License No: 3037

Report Date: 11/25/2025

Parameter Name	Well	Well Name	Date	Dup	Result	LOD	LOQ	Units	PAL	ES
2,3-Dinitrotoluene	301	DBM-8201	9/24/2025	1	0.51	0.0059	0.05	ug/l		
2,6-Dinitrotoluene	301	DBM-8201	9/24/2025	1	0.031	0.005	0.05	ug/l	0.005	0.05
3,4-Dinitrotoluene	301	DBM-8201	9/24/2025	1	0.11	0.005	0.05	ug/l		
3,5-Dinitrotoluene	301	DBM-8201	9/24/2025	1	0.13	0.005	0.05	ug/l		
Total Dinitrotoluenes	301	DBM-8201	9/24/2025	1	0.781	0.0079	0.05	ug/l	0.005	0.05
2,3-Dinitrotoluene	302	DBM-8202	9/24/2025	1	1.9	0.0058	0.048	ug/l		
2,4-Dinitrotoluene	302	DBM-8202	9/24/2025	1	0.027	0.0077	0.048	ug/l	0.005	0.05
2,6-Dinitrotoluene	302	DBM-8202	9/24/2025	1	0.091	0.0048	0.048	ug/l	0.005	0.05
3,4-Dinitrotoluene	302	DBM-8202	9/24/2025	1	0.096	0.0048	0.048	ug/l		
3,5-Dinitrotoluene	302	DBM-8202	9/24/2025	1	0.97	0.0048	0.048	ug/l		
Total Dinitrotoluenes	302	DBM-8202	9/24/2025	1	3.084	0.0077	0.048	ug/l	0.005	0.05
2,3-Dinitrotoluene	472	DBN-1001B	9/24/2025	1	0.06	0.0059	0.049	ug/l		
3,4-Dinitrotoluene	472	DBN-1001B	9/24/2025	1	0.11	0.0049	0.049	ug/l		
Total Dinitrotoluenes	472	DBN-1001B	9/24/2025	1	0.17	0.0078	0.049	ug/l	0.005	0.05
2,3-Dinitrotoluene	476	DBN-1002C	9/24/2025	2	0.17	0.0059	0.049	ug/l		
2,3-Dinitrotoluene	476	DBN-1002C	9/24/2025	1	0.16	0.0058	0.049	ug/l		
2,6-Dinitrotoluene	476	DBN-1002C	9/24/2025	1	0.016	0.0049	0.049	ug/l	0.005	0.05
2,6-Dinitrotoluene	476	DBN-1002C	9/24/2025	2	0.017	0.0049	0.049	ug/l	0.005	0.05
3,4-Dinitrotoluene	476	DBN-1002C	9/24/2025	1	0.2	0.0049	0.049	ug/l		
3,4-Dinitrotoluene	476	DBN-1002C	9/24/2025	2	0.21	0.0049	0.049	ug/l		
3,5-Dinitrotoluene	476	DBN-1002C	9/24/2025	2	0.042	0.0049	0.049	ug/l		
3,5-Dinitrotoluene	476	DBN-1002C	9/24/2025	1	0.038	0.0049	0.049	ug/l		
Total Dinitrotoluenes	476	DBN-1002C	9/24/2025	2	0.439	0.0078	0.049	ug/l	0.005	0.05
Total Dinitrotoluenes	476	DBN-1002C	9/24/2025	1	0.414	0.0078	0.049	ug/l	0.005	0.05

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@SpecProSvc.com

Facility name:	License # / Monitoring ID	Facility ID [FID]	Actual sampling dates (e.g., July 2-6, 2003)
BAAP - Southeast Boundary	03038	157005530	9/23/25

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

September 2025

Type of Data Submitted (Check all that apply)

- | | |
|---|--|
| ☒ Groundwater monitoring data from monitoring wells | ☐ Gas monitoring data |
| ☐ Groundwater monitoring data from private water supply wells | ☐ Air monitoring data |
| ☐ Leachate 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

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Case Narrative
Groundwater Monitoring
License Number 3038
Southeast Boundary
September 2025
Badger Army Ammunition Plant

Groundwater is currently being monitored by the facility because of past production activities. One monitoring well, S1121 (755), was sampled to assist with determining the degree and lateral extent of dinitrotoluene (DNT) in the Deterrent Burning Ground Plume.

No compounds were detected in S1121.

DNT analysis was performed by CT Laboratories 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.

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@SpecProSvc.com

Facility name:	License # / Monitoring ID	Facility ID [FID]	Actual sampling dates (e.g., July 2-6, 2003)
BAAP - Off-Site Plume Wells	03485 & 03493	157005530	9/25 - 9/29/25

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

September 2025

Type of Data Submitted (Check all that apply)

- | | |
|---|--|
| ☒ Groundwater monitoring data from monitoring wells | ☐ Gas monitoring data |
| ☐ Groundwater monitoring data from private water supply wells | ☐ Air monitoring data |
| ☐ Leachate 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

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

Case Narrative
Groundwater Monitoring
License Number 3485 & 3493
Off-Site Plume Wells
September 2025
Badger Army Ammunition Plant

Groundwater is currently being monitored by the facility because of past production activities. Contamination from the Propellant Burning Ground (PBG) impacts groundwater quality in monitoring wells associated with these licenses. Thirteen (13) monitoring wells were sampled to assist with determining the degree and lateral extent of dinitrotoluene (DNT) and volatile organic compounds (VOCs) in the PBG Plume.

No DNT isomers were detected in the thirteen sampled monitoring wells in September 2025.

Carbon tetrachloride exceeded the Enforcement Standard (ES) in PBN-9101C (561) and PBM-9001D (981). Carbon tetrachloride exceeded the Preventive Action Limit (PAL) in SWN-9103B (571), SWN-9103D (573), SWN-9104C (575), SWN-9104D (576), and SWN-9105D (579).

Ethyl ether exceeded the ES in SWN-9103D (573).

Trichloroethene exceeded the PAL in PBN-9101C (561) and PBM-9001D (981).

VOC 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.

Badger Army Ammunition Plant

SpecPro Professional Services, LLC

GROUNDWATER MONITORING EXCEEDANCE REPORT

September 2025

Report Date: 11/25/2025

Parameter Name	Lic No.	Well No.	Well Name	Date	Dup	Result	Units	PAL	ES
Carbon tetrachloride	3485	981	PBM-9001D	9/25/2025	1	5.3	ug/l	0.5	5
Trichloroethene	3485	981	PBM-9001D	9/25/2025	1	0.98	ug/l	0.5	5

Badger Army Ammunition Plant

SpecPro Professional Services, LLC

GROUNDWATER MONITORING EXCEEDANCE REPORT

September 2025

Report Date: 11/25/2025

Parameter Name	Lic No.	Well No.	Well Name	Date	Dup	Result	Units	PAL	ES
Carbon tetrachloride	3493	561	PBN-9101C	9/25/2025	1	7.8	ug/l	0.5	5
Trichloroethene	3493	561	PBN-9101C	9/25/2025	1	0.79	ug/l	0.5	5
Carbon tetrachloride	3493	571	SWN-9103B	9/29/2025	1	0.93	ug/l	0.5	5
Carbon tetrachloride	3493	573	SWN-9103D	9/29/2025	1	0.7	ug/l	0.5	5
Carbon tetrachloride	3493	573	SWN-9103D	9/29/2025	2	0.68	ug/l	0.5	5
Ethyl ether	3493	573	SWN-9103D	9/29/2025	1	1300	ug/l	100	1000
Ethyl ether	3493	573	SWN-9103D	9/29/2025	2	1200	ug/l	100	1000
Carbon tetrachloride	3493	575	SWN-9104C	9/25/2025	1	3.5	ug/l	0.5	5
Carbon tetrachloride	3493	576	SWN-9104D	9/25/2025	1	2.7	ug/l	0.5	5
Carbon tetrachloride	3493	579	SWN-9105D	9/25/2025	1	0.82	ug/l	0.5	5

Badger Army Ammunition Plant

SpecPro Professional Services, LLC

September 2025

GROUNDWATER MONITORING ALL HITS REPORT

License No: 3485

Report Date: 11/25/2025

Parameter Name	Well	Well Name	Date	Dup	Result	LOD	LOQ	Units	PAL	ES
1,1,1-Trichloroethane	981	PBM-9001D	9/25/2025	1	0.1	0.1	0.2	ug/l	40	200
Carbon tetrachloride	981	PBM-9001D	9/25/2025	1	5.3	0.1	0.2	ug/l	0.5	5
Chloroform	981	PBM-9001D	9/25/2025	1	0.27	0.1	0.2	ug/l	0.6	6
Trichloroethene	981	PBM-9001D	9/25/2025	1	0.98	0.1	0.2	ug/l	0.5	5

Badger Army Ammunition Plant

SpecPro Professional Services, LLC

September 2025

GROUNDWATER MONITORING ALL HITS REPORT

License No: 3493

Report Date: 11/25/2025

Parameter Name	Well	Well Name	Date	Dup	Result	LOD	LOQ	Units	PAL	ES
Carbon tetrachloride	561	PBN-9101C	9/25/2025	1	7.8	0.1	0.2	ug/l	0.5	5
Chloroform	561	PBN-9101C	9/25/2025	1	0.35	0.1	0.2	ug/l	0.6	6
Trichloroethene	561	PBN-9101C	9/25/2025	1	0.79	0.1	0.2	ug/l	0.5	5
1,1,1-Trichloroethane	571	SWN-9103B	9/29/2025	1	0.14	0.1	0.2	ug/l	40	200
Carbon tetrachloride	571	SWN-9103B	9/29/2025	1	0.93	0.1	0.2	ug/l	0.5	5
Chloroform	571	SWN-9103B	9/29/2025	1	0.11	0.1	0.2	ug/l	0.6	6
Trichloroethene	571	SWN-9103B	9/29/2025	1	0.14	0.1	0.2	ug/l	0.5	5
Carbon tetrachloride	573	SWN-9103D	9/29/2025	1	0.7	0.1	0.2	ug/l	0.5	5
Carbon tetrachloride	573	SWN-9103D	9/29/2025	2	0.68	0.1	0.2	ug/l	0.5	5
Chloroform	573	SWN-9103D	9/29/2025	2	0.15	0.1	0.2	ug/l	0.6	6
Chloroform	573	SWN-9103D	9/29/2025	1	0.15	0.1	0.2	ug/l	0.6	6
Ethyl ether	573	SWN-9103D	9/29/2025	1	1300	20	40	ug/l	100	1000
Ethyl ether	573	SWN-9103D	9/29/2025	2	1200	20	40	ug/l	100	1000
Trichloroethene	573	SWN-9103D	9/29/2025	1	0.17	0.1	0.2	ug/l	0.5	5
Trichloroethene	573	SWN-9103D	9/29/2025	2	0.14	0.1	0.2	ug/l	0.5	5
Ethyl ether	574	SWN-9103E	9/29/2025	1	4.3	0.1	0.2	ug/l	100	1000
1,1,1-Trichloroethane	575	SWN-9104C	9/25/2025	1	0.25	0.1	0.2	ug/l	40	200
Carbon tetrachloride	575	SWN-9104C	9/25/2025	1	3.5	0.1	0.2	ug/l	0.5	5
Chloroform	575	SWN-9104C	9/25/2025	1	0.3	0.1	0.2	ug/l	0.6	6
1,1,1-Trichloroethane	576	SWN-9104D	9/25/2025	1	0.17	0.1	0.2	ug/l	40	200
Carbon tetrachloride	576	SWN-9104D	9/25/2025	1	2.7	0.1	0.2	ug/l	0.5	5
Chloroform	576	SWN-9104D	9/25/2025	1	0.33	0.1	0.2	ug/l	0.6	6
1,1,1-Trichloroethane	577	SWN-9105B	9/25/2025	1	0.15	0.1	0.2	ug/l	40	200
Carbon tetrachloride	577	SWN-9105B	9/25/2025	1	0.36	0.1	0.2	ug/l	0.5	5
Chloroform	577	SWN-9105B	9/25/2025	1	0.11	0.1	0.2	ug/l	0.6	6
Carbon tetrachloride	578	SWN-9105C	9/25/2025	1	0.38	0.1	0.2	ug/l	0.5	5
Chloroform	578	SWN-9105C	9/25/2025	1	0.21	0.1	0.2	ug/l	0.6	6
1,1,1-Trichloroethane	579	SWN-9105D	9/25/2025	1	0.26	0.1	0.2	ug/l	40	200
Carbon tetrachloride	579	SWN-9105D	9/25/2025	1	0.82	0.1	0.2	ug/l	0.5	5
Chloroform	579	SWN-9105D	9/25/2025	1	0.39	0.1	0.2	ug/l	0.6	6

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@SpecProSvc.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	9/22/25

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

September 2025

Type of Data Submitted (Check all that apply)

- | | |
|---|--|
| ☒ Groundwater monitoring data from monitoring wells | ☐ Gas monitoring data |
| ☐ Groundwater monitoring data from private water supply wells | ☐ Air monitoring data |
| ☐ Leachate 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

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

Groundwater is currently being monitored by the facility because of past production activities. Seven (7) monitoring wells were sampled to assist with determining the degree and lateral extent of dinitrotoluene (DNT) in the Nitrocellulose Production Area Plume.

2,6-DNT exceeded the Enforcement Standard (ES) in RIM-1002 (478). Total DNT exceeded the ES in RIM-0705 (442), RIM-1002 (478), and RIN-1001A (480).

2,4-DNT exceeded the Preventive Action Limit (PAL) in RIM-0705 (442), RIM-1002 (478), and RIN-1001A (480). 2,6-DNT exceeded the PAL in RIM-0705 (442) and RIN-1001A (480).

DNT analysis was performed by CT Laboratories 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.

Badger Army Ammunition Plant

SpecPro Professional Services, LLC

GROUNDWATER MONITORING EXCEEDANCE REPORT

September 2025

Report Date: 11/25/2025

Parameter Name	Lic No.	Well No.	Well Name	Date	Dup	Result	Units	PAL	ES
2,4-Dinitrotoluene	3487	442	RIM-0705	9/22/2025	1	0.033	ug/l	0.005	0.05
2,6-Dinitrotoluene	3487	442	RIM-0705	9/22/2025	1	0.025	ug/l	0.005	0.05
Total Dinitrotoluenes	3487	442	RIM-0705	9/22/2025	1	0.058	ug/l	0.005	0.05
2,4-Dinitrotoluene	3487	478	RIM-1002	9/22/2025	1	0.039	ug/l	0.005	0.05
2,6-Dinitrotoluene	3487	478	RIM-1002	9/22/2025	1	0.078	ug/l	0.005	0.05
Total Dinitrotoluenes	3487	478	RIM-1002	9/22/2025	1	0.117	ug/l	0.005	0.05
2,4-Dinitrotoluene	3487	480	RIN-1001A	9/22/2025	1	0.029	ug/l	0.005	0.05
2,6-Dinitrotoluene	3487	480	RIN-1001A	9/22/2025	1	0.029	ug/l	0.005	0.05
Total Dinitrotoluenes	3487	480	RIN-1001A	9/22/2025	1	0.058	ug/l	0.005	0.05

Badger Army Ammunition Plant

SpecPro Professional Services, LLC

September 2025

GROUNDWATER MONITORING ALL HITS REPORT

License No: 3487

Report Date: 11/25/2025

Parameter Name	Well	Well Name	Date	Dup	Result	LOD	LOQ	Units	PAL	ES
2,4-Dinitrotoluene	442	RIM-0705	9/22/2025	1	0.033	0.0078	0.049	ug/l	0.005	0.05
2,6-Dinitrotoluene	442	RIM-0705	9/22/2025	1	0.025	0.0049	0.049	ug/l	0.005	0.05
Total Dinitrotoluenes	442	RIM-0705	9/22/2025	1	0.058	0.0078	0.049	ug/l	0.005	0.05
2,4-Dinitrotoluene	478	RIM-1002	9/22/2025	1	0.039	0.0078	0.049	ug/l	0.005	0.05
2,6-Dinitrotoluene	478	RIM-1002	9/22/2025	1	0.078	0.0049	0.049	ug/l	0.005	0.05
Total Dinitrotoluenes	478	RIM-1002	9/22/2025	1	0.117	0.0078	0.049	ug/l	0.005	0.05
2,4-Dinitrotoluene	480	RIN-1001A	9/22/2025	1	0.029	0.0078	0.049	ug/l	0.005	0.05
2,6-Dinitrotoluene	480	RIN-1001A	9/22/2025	1	0.029	0.0049	0.049	ug/l	0.005	0.05
Total Dinitrotoluenes	480	RIN-1001A	9/22/2025	1	0.058	0.0078	0.049	ug/l	0.005	0.05

State of Wisconsin
Department of Natural Resources

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

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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@SpecProSvc.com

Facility name:	License # / Monitoring ID	Facility ID [FID]	Actual sampling dates (e.g., July 2-6, 2003)
BAAP - Settling Ponds	03499	157005530	9/9 - 9/11/25

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

September 2025

Type of Data Submitted (Check all that apply)

- | | |
|---|--|
| ☒ Groundwater monitoring data from monitoring wells | ☐ Gas monitoring data |
| ☐ Groundwater monitoring data from private water supply wells | ☐ Air monitoring data |
| ☐ Leachate 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

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 3499
Settling Ponds
September 2025
Badger Army Ammunition Plant

Groundwater is currently being monitored by the facility because of past production activities. Contamination from the Propellant Burning Ground (PBG) largely impacts groundwater quality in monitoring wells associated with this license. Eight (8) monitoring wells were sampled to assist with determining the degree and lateral extent of dinitrotoluene (DNT) and volatile organic compounds (VOCs) in the PBG Plume.

Total DNT exceeded the Enforcement Standard (ES) in SPN-8904B (720) and SPN-8904C (721). 2,6-DNT exceeded the Preventive Action Limit (PAL) in SPN-8904B (720) and SPN-8904C (721).

Carbon tetrachloride exceeded the PAL in SPN-8904B (720) and SPN-8904C (721).

Trichloroethene exceeded the PAL in SPN-8904C (721).

VOC 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.

Badger Army Ammunition Plant

SpecPro Professional Services, LLC

GROUNDWATER MONITORING EXCEEDANCE REPORT

September 2025

Report Date: 11/25/2025

Parameter Name	Lic No.	Well No.	Well Name	Date	Dup	Result	Units	PAL	ES
2,6-Dinitrotoluene	3499	720	SPN-8904B	9/9/2025	1	0.02	ug/l	0.005	0.05
Carbon tetrachloride	3499	720	SPN-8904B	9/9/2025	1	1.3	ug/l	0.5	5
Total Dinitrotoluenes	3499	720	SPN-8904B	9/9/2025	1	0.061	ug/l	0.005	0.05
2,6-Dinitrotoluene	3499	721	SPN-8904C	9/9/2025	1	0.034	ug/l	0.005	0.05
Carbon tetrachloride	3499	721	SPN-8904C	9/9/2025	1	1.7	ug/l	0.5	5
Total Dinitrotoluenes	3499	721	SPN-8904C	9/9/2025	1	0.126	ug/l	0.005	0.05
Trichloroethene	3499	721	SPN-8904C	9/9/2025	1	0.86	ug/l	0.5	5

Badger Army Ammunition Plant

SpecPro Professional Services, LLC

September 2025

GROUNDWATER MONITORING ALL HITS REPORT

License No: 3499

Report Date: 11/25/2025

Parameter Name	Well	Well Name	Date	Dup	Result	LOD	LOQ	Units	PAL	ES
Carbon tetrachloride	718	SPN-8903B	9/11/2025	1	0.49	0.1	0.2	ug/l	0.5	5
Carbon tetrachloride	719	SPN-8903C	9/11/2025	1	0.49	0.1	0.2	ug/l	0.5	5
Chloroform	719	SPN-8903C	9/11/2025	1	0.22	0.1	0.2	ug/l	0.6	6
1,1,1-Trichloroethane	720	SPN-8904B	9/9/2025	1	0.12	0.1	0.2	ug/l	40	200
2,3-Dinitrotoluene	720	SPN-8904B	9/9/2025	1	0.041	0.0058	0.048	ug/l		
2,6-Dinitrotoluene	720	SPN-8904B	9/9/2025	1	0.02	0.0048	0.048	ug/l	0.005	0.05
Carbon tetrachloride	720	SPN-8904B	9/9/2025	1	1.3	0.1	0.2	ug/l	0.5	5
Chloroform	720	SPN-8904B	9/9/2025	1	0.18	0.1	0.2	ug/l	0.6	6
Total Dinitrotoluenes	720	SPN-8904B	9/9/2025	1	0.061	0.0077	0.048	ug/l	0.005	0.05
Trichloroethene	720	SPN-8904B	9/9/2025	1	0.41	0.1	0.2	ug/l	0.5	5
1,1,1-Trichloroethane	721	SPN-8904C	9/9/2025	1	0.15	0.1	0.2	ug/l	40	200
2,3-Dinitrotoluene	721	SPN-8904C	9/9/2025	1	0.051	0.0059	0.05	ug/l		
2,6-Dinitrotoluene	721	SPN-8904C	9/9/2025	1	0.034	0.005	0.05	ug/l	0.005	0.05
3,4-Dinitrotoluene	721	SPN-8904C	9/9/2025	1	0.041	0.005	0.05	ug/l		
Carbon tetrachloride	721	SPN-8904C	9/9/2025	1	1.7	0.1	0.2	ug/l	0.5	5
Chloroform	721	SPN-8904C	9/9/2025	1	0.45	0.1	0.2	ug/l	0.6	6
Total Dinitrotoluenes	721	SPN-8904C	9/9/2025	1	0.126	0.0079	0.05	ug/l	0.005	0.05
Trichloroethene	721	SPN-8904C	9/9/2025	1	0.86	0.1	0.2	ug/l	0.5	5
Ethyl ether	726	SPN-9104D	9/9/2025	1	87	5	10	ug/l	100	1000