



600 East 17th Street South  
Newton, IA 50208  
641-792-8451 Phone  
641-792-7989 Fax

12 October 2006

Mary Lade  
MVTL Laboratories, Inc. - New Ulm  
1126 North Front Street, Box 249  
New Ulm, MN 56073

RE: Explosives

Enclosed are the results of analyses for samples received by the laboratory on 09/11/06 12:13-09/20/06 11:30. If you have any questions concerning this report, please feel free to contact me at 1-800-858-5227.

Sincerely,

A handwritten signature in black ink that reads "Jeffrey King". The signature is written in a cursive style and is placed on a light gray rectangular background.

Jeffrey King, Ph.D. For Kathy Van Zee  
Project Manager

MVTL Laboratories, Inc. - New Ullm  
1126 North Front Street, Box 249  
New Ullm MN, 56073

Project: Explosives  
Project Number: 16069.01  
Project Manager: Mary Lade

**Reported:**  
10/12/06 10:35

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
N6565 TT-8 (1-2') 102B4 North	16I0358-01	Soil	09/06/06 13:10	09/11/06 12:13
N6566 TT-9 (0-3") 108B	16I0358-02	Soil	09/06/06 13:35	09/11/06 12:13
N6570 TT-11 (4-5') 109 B North	16I0358-03	Soil	09/06/06 14:45	09/11/06 12:13
N6573 TT-12 (6') 501B	16I0358-04	Soil	09/06/06 15:30	09/11/06 12:13
N6575 TT-13 (4') 102B1	16I0358-05	Soil	09/06/06 15:45	09/11/06 12:13
N6576 TT-13 (6') 102B1	16I0358-06	Soil	09/06/06 16:00	09/11/06 12:13
N6618 TT-20 (0-1') 201B	16I0359-01	Soil	09/07/06 09:13	09/11/06 12:21
N6620 TT-22 (5') 202C	16I0359-02	Soil	09/07/06 10:09	09/11/06 12:21
N6621 TT-24 (0-1') 208C	16I0359-03	Soil	09/07/06 10:55	09/11/06 12:21
N6625 TT-27 (0-1') 263B	16I0359-04	Soil	09/07/06 12:59	09/11/06 12:21
N6636 TT-36 (0-1') 209A	16I0359-05	Soil	09/07/06 16:59	09/11/06 12:21
N6637 TT-36 (4') 209A	16I0359-06	Soil	09/07/06 16:45	09/11/06 12:21
N6638 TT-37 (4') 233A	16I0359-07	Soil	09/07/06 17:15	09/11/06 12:21
N6667 TT-38(6" - 12") 205A (East)	16I0367-01	Soil	09/08/06 08:30	09/11/06 15:00
N6669 TT-40 (0-1') 214C13	16I0367-02	Soil	09/08/06 09:30	09/11/06 15:00
N6671 TT-41 (0-1') 269B	16I0367-03	Soil	09/08/06 10:12	09/11/06 15:00
N6675 TT-43 (6.5') 236A	16I0367-04	Soil	09/08/06 11:05	09/11/06 15:00
N6676 TT-43(0-1') 236B	16I0367-05	Soil	09/08/06 10:47	09/11/06 15:00
N6679 TT-45 (5') 228C	16I0367-06	Soil	09/08/06 13:10	09/11/06 15:00
N6680 TT-45 (0-1') 228C	16I0367-07	Soil	09/08/06 13:07	09/11/06 15:00
N6844 TT-63(6")-220C	16I0520-01	Soil	09/11/06 12:20	09/13/06 14:28
N6845 TT-63(0-1")220C	16I0520-02	Soil	09/11/06 12:18	09/13/06 14:28
N6847 TT-64(2')-220C	16I0520-03	Soil	09/11/06 13:00	09/13/06 14:28

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Jeffrey King, Ph.D. For Kathy Van Zee, Project Manager

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Project Number: 16069.01  
Project Manager: Mary Lade

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**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
N6848 TT-65(0-6")-222A	16I0520-04	Soil	09/11/06 13:50	09/13/06 14:28
N6849 TT-65(3.5')-222A	16I0520-05	Soil	09/11/06 13:20	09/13/06 14:28
N6850 TT-65(3')-222A	16I0520-06	Soil	09/11/06 13:25	09/13/06 14:28
N6851 TT-66(0-1')-222A	16I0520-07	Soil	09/11/06 14:00	09/13/06 14:28
N6852 TT-67(0-6")-240B	16I0520-08	Soil	09/11/06 15:00	09/13/06 14:28
N6853 TT-67(0-6")-240B	16I0520-09	Soil	09/11/06 14:55	09/13/06 14:28
N6855 TT-68(3')-240B	16I0520-10	Soil	09/11/06 15:35	09/13/06 14:28
N6898 TT-69(0-2")-224A	16I0590-01	Soil	09/12/06 07:35	09/14/06 11:24
N6904 TT-70(0-1')-239A	16I0590-02	Soil	09/12/06 08:15	09/14/06 11:24
N6905 TT-70(4')-239A	16I0590-03	Soil	09/12/06 08:50	09/14/06 11:24
N6907 TT-71-2(surface)-238B	16I0590-04	Soil	09/12/06 09:15	09/14/06 11:24
N6908 TT-71-3(surface)-238B	16I0590-05	Soil	09/12/06 09:20	09/14/06 11:24
N6909 TT-71(0-1')-238B	16I0590-06	Soil	09/12/06 09:10	09/14/06 11:24
N6913 TT-72(1.5')-237K	16I0590-07	Soil	09/12/06 10:20	09/14/06 11:24
N6914 TT-72(8')-237K	16I0590-08	Soil	09/12/06 10:42	09/14/06 11:24
N6915 TT-72(3.5')-237K	16I0590-09	Soil	09/12/06 10:45	09/14/06 11:24
N6916 TT-72(0-6")-237K	16I0590-10	Soil	09/12/06 10:25	09/14/06 11:24
N7174 CS-38-209A	16I0820-01	Solid	09/15/06 07:35	09/19/06 16:38
N7182 CS-45-205A	16I0820-02	Solid	09/15/06 10:30	09/19/06 16:38
N7183 CS-46-205A	16I0820-03	Solid	09/15/06 11:00	09/19/06 16:38
N7184 CS-47-214C-13	16I0820-04	Solid	09/15/06 12:00	09/19/06 16:38
N7188 CS-49-220C	16I0820-05	Solid	09/15/06 13:10	09/19/06 16:38
N7190 CS-51-222A	16I0820-06	Solid	09/15/06 13:45	09/19/06 16:38

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Project Number: 16069.01  
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10/12/06 10:35

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
N7191 CS-52-240B	16I0820-07	Solid	09/15/06 14:30	09/19/06 16:38
N7192 CS-53-224A	16I0820-08	Solid	09/15/06 15:15	09/19/06 16:38
N7193 CS-54-239A	16I0820-09	Solid	09/15/06 15:55	09/19/06 16:38
N7196 CS-56-1-238B	16I0820-10	Solid	09/15/06 16:32	09/19/06 16:38
N7051 CS-14-108B	16I0821-01	Solid	09/14/06 08:00	09/19/06 16:44
N7054 CS-17-109B	16I0821-02	Solid	09/14/06 08:25	09/19/06 16:44
N7058 CS-20-112B	16I0821-03	Solid	09/14/06 09:45	09/19/06 16:44
N7060 CS-22-120B1	16I0821-04	Solid	09/14/06 11:10	09/19/06 16:44
N7061 CS-23-113B	16I0821-05	Solid	09/14/06 11:40	09/19/06 16:44
N7065 CS-26-201B	16I0821-06	Solid	09/14/06 12:50	09/19/06 16:44
N7066 CS-27-202C	16I0821-07	Solid	09/14/06 13:05	09/19/06 16:44
N7068 CS-29-1-208C	16I0821-08	Solid	09/14/06 13:55	09/19/06 16:44
N7069 CS-30-208C	16I0821-09	Solid	09/14/06 14:05	09/19/06 16:44
N7072 CS-32-263A	16I0821-10	Solid	09/14/06 15:06	09/19/06 16:44
N7077 CS-36-2-233A	16I0821-11	Solid	09/14/06 16:45	09/19/06 16:44
N6995 CS-7-2-106B	16I0821-12	Solid	09/13/06 13:10	09/19/06 16:44
N6998 CS-10-102B4	16I0821-13	Solid	09/13/06 15:35	09/19/06 16:44
N7265 CS-58-237K	16I0857-01	Solid	09/18/06 07:40	09/20/06 11:30
N7266 CS-59-235A	16I0857-02	Solid	09/18/06 08:30	09/20/06 11:30
N7267 CS-60-228C	16I0857-03	Solid	09/18/06 08:45	09/20/06 11:30
N7269 CS-62-1-236B	16I0857-04	Solid	09/18/06 09:45	09/20/06 11:30
N7271 CS-63-269B	16I0857-05	Solid	09/18/06 10:18	09/20/06 11:30

Keystone Laboratories, Inc. - Newton

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Project: Explosives  
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 10/12/06 10:35

**N6565 TT-8 (1-2') 102B4 North  
 16I0358-01(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	0.95	mg/kg dry	1	1161807	09/13/06	09/14/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.20	0.95	"	"	"	"	"	"	"
RDX	ND	0.14	0.95	"	"	"	"	"	"	"
1,3-Dinitrobenzene	ND	0.18	0.95	"	"	"	"	"	"	"
2,4,6-Trinitrotoluene	ND	0.23	0.95	"	"	"	"	"	"	"
Tetryl	ND	0.23	0.95	"	"	"	"	"	"	"
Nitrobenzene	ND	0.34	0.95	"	"	"	"	"	"	"
2,4-Dinitrotoluene	ND	0.18	0.95	"	"	"	"	"	"	"
2,6-Dinitrotoluene	ND	0.17	0.95	"	"	"	"	"	"	"
2-Amino-4,6-Dinitrotoluene	ND	0.16	0.95	"	"	"	"	"	"	"
4-Amino-2,6-Dinitrotoluene	ND	0.18	0.95	"	"	"	"	"	"	"
3-Nitrotoluene	ND	0.35	0.95	"	"	"	"	"	"	"
2-Nitrotoluene	ND	0.63	0.95	"	"	"	"	"	"	"
4-Nitrotoluene	ND	0.63	0.95	"	"	"	"	"	"	"
<i>Surrogate: 1,2-Dinitrobenzene</i>			<i>102 %</i>	<i>70-130</i>						

**Determination of Conventional Chemistry Parameters**

% Solids	90.1	0.1	0.1	%	1	1161115	09/11/06	09/12/06	% calculation	
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Reported:  
 10/12/06 10:35

**N6566 TT-9 (0-3'') 108B**  
**16I0358-02(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.39	2.10	mg/kg dry	1	1161807	09/13/06	09/14/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.45	2.10	"	"	"	"	"	"	
RDX	ND	0.31	2.10	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.39	2.10	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.51	2.10	"	"	"	"	"	"	
Tetryl	ND	0.51	2.10	"	"	"	"	"	"	
Nitrobenzene	ND	0.75	2.10	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.40	2.10	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.37	2.10	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.35	2.10	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.40	2.10	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.77	2.10	"	"	"	"	"	"	
2-Nitrotoluene	ND	1.39	2.10	"	"	"	"	"	"	
4-Nitrotoluene	ND	1.39	2.10	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			95.2 %	70-130		"	"	"	"	

**Determination of Conventional Chemistry Parameters**

<b>% Solids</b>	<b>43.5</b>	0.1	0.1	%	1	1161115	09/11/06	09/12/06	% calculation	
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 New Ullm MN, 56073

Project: Explosives  
 Project Number: 16069.01  
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 10/12/06 10:35

**N6570 TT-11 (4-5') 109 B North**  
**16I0358-03(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	0.95	mg/kg dry	1	1161807	09/13/06	09/14/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.20	0.95	"	"	"	"	"	"	"
RDX	ND	0.14	0.95	"	"	"	"	"	"	"
1,3-Dinitrobenzene	ND	0.18	0.95	"	"	"	"	"	"	"
2,4,6-Trinitrotoluene	ND	0.23	0.95	"	"	"	"	"	"	"
Tetryl	ND	0.23	0.95	"	"	"	"	"	"	"
Nitrobenzene	ND	0.34	0.95	"	"	"	"	"	"	"
2,4-Dinitrotoluene	ND	0.18	0.95	"	"	"	"	"	"	"
2,6-Dinitrotoluene	ND	0.17	0.95	"	"	"	"	"	"	"
2-Amino-4,6-Dinitrotoluene	ND	0.16	0.95	"	"	"	"	"	"	"
4-Amino-2,6-Dinitrotoluene	ND	0.18	0.95	"	"	"	"	"	"	"
3-Nitrotoluene	ND	0.35	0.95	"	"	"	"	"	"	"
2-Nitrotoluene	ND	0.63	0.95	"	"	"	"	"	"	"
4-Nitrotoluene	ND	0.63	0.95	"	"	"	"	"	"	"
<i>Surrogate: 1,2-Dinitrobenzene</i>			<i>101 %</i>	<i>70-130</i>						

**Determination of Conventional Chemistry Parameters**

<b>% Solids</b>	<b>86.4</b>	0.1	0.1	%	1	1161115	09/11/06	09/12/06	% calculation	
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Project: Explosives  
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 10/12/06 10:35

**N6573 TT-12 (6') 501B**  
**16I0358-04(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.17	0.95	mg/kg dry	1	1161807	09/13/06	09/15/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.20	0.95	"	"	"	"	"	"	
RDX	ND	0.14	0.95	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.18	0.95	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.23	0.95	"	"	"	"	"	"	
Tetryl	ND	0.23	0.95	"	"	"	"	"	"	
Nitrobenzene	ND	0.34	0.95	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.18	0.95	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.17	0.95	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.16	0.95	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.18	0.95	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.35	0.95	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.63	0.95	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.63	0.95	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			99.8 %	70-130		"	"	"	"	

**Determination of Conventional Chemistry Parameters**

<b>% Solids</b>	<b>87.8</b>	0.1	0.1	%	1	1161115	09/11/06	09/12/06	% calculation	
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**N6575 TT-13 (4') 102B1**  
**16I0358-05(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.16	0.87	mg/kg dry	1	1161807	09/13/06	09/15/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.19	0.87	"	"	"	"	"	"	"
RDX	ND	0.13	0.87	"	"	"	"	"	"	"
1,3-Dinitrobenzene	ND	0.16	0.87	"	"	"	"	"	"	"
2,4,6-Trinitrotoluene	ND	0.21	0.87	"	"	"	"	"	"	"
Tetryl	ND	0.21	0.87	"	"	"	"	"	"	"
Nitrobenzene	ND	0.31	0.87	"	"	"	"	"	"	"
2,4-Dinitrotoluene	ND	0.17	0.87	"	"	"	"	"	"	"
2,6-Dinitrotoluene	ND	0.16	0.87	"	"	"	"	"	"	"
2-Amino-4,6-Dinitrotoluene	ND	0.14	0.87	"	"	"	"	"	"	"
4-Amino-2,6-Dinitrotoluene	ND	0.17	0.87	"	"	"	"	"	"	"
3-Nitrotoluene	ND	0.32	0.87	"	"	"	"	"	"	"
2-Nitrotoluene	ND	0.58	0.87	"	"	"	"	"	"	"
4-Nitrotoluene	ND	0.58	0.87	"	"	"	"	"	"	"
<i>Surrogate: 1,2-Dinitrobenzene</i>			<i>101 %</i>	<i>70-130</i>						

**Determination of Conventional Chemistry Parameters**

<b>% Solids</b>	<b>96.4</b>	0.1	0.1	%	1	1161115	09/11/06	09/12/06	% calculation	
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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N6576 TT-13 (6') 102B1**  
**16I0358-06(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.16	0.87	mg/kg dry	1	1161807	09/13/06	09/15/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.19	0.87	"	"	"	"	"	"	"
RDX	ND	0.13	0.87	"	"	"	"	"	"	"
1,3-Dinitrobenzene	ND	0.16	0.87	"	"	"	"	"	"	"
2,4,6-Trinitrotoluene	ND	0.21	0.87	"	"	"	"	"	"	"
Tetryl	ND	0.21	0.87	"	"	"	"	"	"	"
Nitrobenzene	ND	0.31	0.87	"	"	"	"	"	"	"
2,4-Dinitrotoluene	ND	0.17	0.87	"	"	"	"	"	"	"
2,6-Dinitrotoluene	ND	0.15	0.87	"	"	"	"	"	"	"
2-Amino-4,6-Dinitrotoluene	ND	0.14	0.87	"	"	"	"	"	"	"
4-Amino-2,6-Dinitrotoluene	ND	0.17	0.87	"	"	"	"	"	"	"
3-Nitrotoluene	ND	0.32	0.87	"	"	"	"	"	"	"
2-Nitrotoluene	ND	0.58	0.87	"	"	"	"	"	"	"
4-Nitrotoluene	ND	0.58	0.87	"	"	"	"	"	"	"
<i>Surrogate: 1,2-Dinitrobenzene</i>			105 %	70-130		"	"	"	"	"

**Determination of Conventional Chemistry Parameters**

<b>% Solids</b>	<b>90.4</b>	0.1	0.1	%	1	1161115	09/11/06	09/12/06	% calculation	
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Keystone Laboratories, Inc. - Newton

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Jeffrey King, Ph.D. For Kathy Van Zee, Project Manager



600 East 17th Street South  
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 641-792-8451 Phone  
 641-792-7989 Fax

MVTL Laboratories, Inc. - New Ullm 1126 North Front Street, Box 249 New Ulm MN, 56073	Project: Explosives Project Number: 16069.01 Project Manager: Mary Lade	Reported: 10/12/06 10:35
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**N6618 TT-20 (0-1') 201B**  
**16I0359-01(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	0.98	mg/kg dry	1	1161807	09/13/06	09/15/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.21	0.98	"	"	"	"	"	"	"
RDX	ND	0.14	0.98	"	"	"	"	"	"	"
1,3-Dinitrobenzene	ND	0.18	0.98	"	"	"	"	"	"	"
2,4,6-Trinitrotoluene	ND	0.24	0.98	"	"	"	"	"	"	"
Tetryl	ND	0.24	0.98	"	"	"	"	"	"	"
Nitrobenzene	ND	0.35	0.98	"	"	"	"	"	"	"
2,4-Dinitrotoluene	ND	0.19	0.98	"	"	"	"	"	"	"
2,6-Dinitrotoluene	ND	0.17	0.98	"	"	"	"	"	"	"
2-Amino-4,6-Dinitrotoluene	ND	0.16	0.98	"	"	"	"	"	"	"
4-Amino-2,6-Dinitrotoluene	ND	0.19	0.98	"	"	"	"	"	"	"
3-Nitrotoluene	ND	0.36	0.98	"	"	"	"	"	"	"
2-Nitrotoluene	ND	0.65	0.98	"	"	"	"	"	"	"
4-Nitrotoluene	ND	0.65	0.98	"	"	"	"	"	"	"
<i>Surrogate: 1,2-Dinitrobenzene</i>			99.5 %	70-130		"	"	"	"	"

**Determination of Conventional Chemistry Parameters**

<b>% Solids</b>	<b>88.8</b>	0.1	0.1	%	1	1161115	09/11/06	09/12/06	% calculation	
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Jeffrey King, Ph.D. For Kathy Van Zee, Project Manager



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 1126 North Front Street, Box 249  
 New Ullm MN, 56073

Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N6620 TT-22 (5') 202C**  
**16I0359-02(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.17	0.91	mg/kg dry	1	1161807	09/13/06	09/15/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.19	0.91	"	"	"	"	"	"	"
RDX	ND	0.13	0.91	"	"	"	"	"	"	"
1,3-Dinitrobenzene	ND	0.17	0.91	"	"	"	"	"	"	"
2,4,6-Trinitrotoluene	ND	0.22	0.91	"	"	"	"	"	"	"
Tetryl	ND	0.22	0.91	"	"	"	"	"	"	"
Nitrobenzene	ND	0.33	0.91	"	"	"	"	"	"	"
2,4-Dinitrotoluene	ND	0.17	0.91	"	"	"	"	"	"	"
2,6-Dinitrotoluene	ND	0.16	0.91	"	"	"	"	"	"	"
2-Amino-4,6-Dinitrotoluene	ND	0.15	0.91	"	"	"	"	"	"	"
4-Amino-2,6-Dinitrotoluene	ND	0.17	0.91	"	"	"	"	"	"	"
3-Nitrotoluene	ND	0.33	0.91	"	"	"	"	"	"	"
2-Nitrotoluene	ND	0.60	0.91	"	"	"	"	"	"	"
4-Nitrotoluene	ND	0.60	0.91	"	"	"	"	"	"	"
<i>Surrogate: 1,2-Dinitrobenzene</i>			<i>107 %</i>	<i>70-130</i>						

**Determination of Conventional Chemistry Parameters**

<b>% Solids</b>	<b>99.5</b>	0.1	0.1	%	1	1161115	09/11/06	09/12/06	% calculation	
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Jeffrey King, Ph.D. For Kathy Van Zee, Project Manager



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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N6621 TT-24 (0-1') 208C**  
**16I0359-03(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	0.96	mg/kg dry	1	1161807	09/13/06	09/15/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.20	0.96	"	"	"	"	"	"	"
RDX	ND	0.14	0.96	"	"	"	"	"	"	"
1,3-Dinitrobenzene	ND	0.18	0.96	"	"	"	"	"	"	"
2,4,6-Trinitrotoluene	ND	0.23	0.96	"	"	"	"	"	"	"
Tetryl	ND	0.23	0.96	"	"	"	"	"	"	"
Nitrobenzene	ND	0.34	0.96	"	"	"	"	"	"	"
2,4-Dinitrotoluene	ND	0.18	0.96	"	"	"	"	"	"	"
2,6-Dinitrotoluene	ND	0.17	0.96	"	"	"	"	"	"	"
2-Amino-4,6-Dinitrotoluene	ND	0.16	0.96	"	"	"	"	"	"	"
4-Amino-2,6-Dinitrotoluene	ND	0.18	0.96	"	"	"	"	"	"	"
3-Nitrotoluene	ND	0.35	0.96	"	"	"	"	"	"	"
2-Nitrotoluene	ND	0.63	0.96	"	"	"	"	"	"	"
4-Nitrotoluene	ND	0.63	0.96	"	"	"	"	"	"	"
<i>Surrogate: 1,2-Dinitrobenzene</i>			<i>105 %</i>	<i>70-130</i>						

**Determination of Conventional Chemistry Parameters**

<b>% Solids</b>	<b>88.1</b>	0.1	0.1	%	1	1161115	09/11/06	09/12/06	% calculation	
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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N6625 TT-27 (0-1') 263B**  
**16I0359-04(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.16	0.87	mg/kg dry	1	1161807	09/13/06	09/15/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.19	0.87	"	"	"	"	"	"	
RDX	ND	0.13	0.87	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.16	0.87	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.21	0.87	"	"	"	"	"	"	
Tetryl	ND	0.21	0.87	"	"	"	"	"	"	
Nitrobenzene	ND	0.31	0.87	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.16	0.87	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.15	0.87	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.14	0.87	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.17	0.87	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.32	0.87	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.57	0.87	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.57	0.87	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			106 %	70-130		"	"	"	"	

**Determination of Conventional Chemistry Parameters**

<b>% Solids</b>	<b>93.5</b>	0.1	0.1	%	1	1161115	09/11/06	09/12/06	% calculation	
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 New Ulm MN, 56073

Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N6636 TT-36 (0-1') 209A**  
**16I0359-05(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.17	0.92	mg/kg dry	1	1161807	09/13/06	09/15/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.20	0.92	"	"	"	"	"	"	
RDX	ND	0.13	0.92	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.17	0.92	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.22	0.92	"	"	"	"	"	"	
Tetryl	ND	0.22	0.92	"	"	"	"	"	"	
Nitrobenzene	ND	0.33	0.92	"	"	"	"	"	"	
<b>2,4-Dinitrotoluene</b>	<b>0.35</b>	0.17	0.92	"	"	"	"	"	"	J
2,6-Dinitrotoluene	ND	0.16	0.92	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.15	0.92	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.18	0.92	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.34	0.92	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.61	0.92	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.61	0.92	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			<i>102 %</i>	<i>70-130</i>						

**Determination of Conventional Chemistry Parameters**

<b>% Solids</b>	<b>95.3</b>	0.1	0.1	%	1	1161115	09/11/06	09/12/06	% calculation	
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Jeffrey King, Ph.D. For Kathy Van Zee, Project Manager



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 1126 North Front Street, Box 249  
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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N6637 TT-36 (4') 209A**  
**16I0359-06(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.24	1.30	mg/kg dry	1	1161807	09/13/06	09/15/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.28	1.30	"	"	"	"	"	"	
<b>RDX</b>	<b>0.21</b>	0.19	1.30	"	"	"	"	"	"	J
1,3-Dinitrobenzene	ND	0.24	1.30	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.32	1.30	"	"	"	"	"	"	
Tetryl	ND	0.32	1.30	"	"	"	"	"	"	
Nitrobenzene	ND	0.47	1.30	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.25	1.30	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.23	1.30	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.22	1.30	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.25	1.30	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.48	1.30	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.86	1.30	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.86	1.30	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			54.3 %	70-130		"	"	"	"	S-07

**Determination of Conventional Chemistry Parameters**

<b>% Solids</b>	<b>62.5</b>	0.1	0.1	%	1	1161115	09/11/06	09/12/06	% calculation	
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Jeffrey King, Ph.D. For Kathy Van Zee, Project Manager





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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N6638 TT-37 (4') 233A**  
**16I0359-07(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	0.97	mg/kg dry	1	1161807	09/13/06	09/15/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.21	0.97	"	"	"	"	"	"	
RDX	ND	0.14	0.97	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.18	0.97	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.24	0.97	"	"	"	"	"	"	
Tetryl	ND	0.24	0.97	"	"	"	"	"	"	
Nitrobenzene	ND	0.35	0.97	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.18	0.97	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.17	0.97	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.16	0.97	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.19	0.97	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.35	0.97	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.64	0.97	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.64	0.97	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			<i>108 %</i>	<i>70-130</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

**Determination of Conventional Chemistry Parameters**

<b>% Solids</b>	<b>96.2</b>	0.1	0.1	%	1	1161115	09/11/06	09/12/06	% calculation	
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Jeffrey King, Ph.D. For Kathy Van Zee, Project Manager



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 New Ulm MN, 56073

Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N6667 TT-38(6" - 12") 205A (East)**  
**16I0367-01(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.17	0.90	mg/kg dry	1	1161807	09/13/06	09/15/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.19	0.90	"	"	"	"	"	"	"
RDX	ND	0.13	0.90	"	"	"	"	"	"	"
1,3-Dinitrobenzene	ND	0.17	0.90	"	"	"	"	"	"	"
2,4,6-Trinitrotoluene	ND	0.22	0.90	"	"	"	"	"	"	"
Tetryl	ND	0.22	0.90	"	"	"	"	"	"	"
Nitrobenzene	ND	0.32	0.90	"	"	"	"	"	"	"
2,4-Dinitrotoluene	ND	0.17	0.90	"	"	"	"	"	"	"
2,6-Dinitrotoluene	ND	0.16	0.90	"	"	"	"	"	"	"
2-Amino-4,6-Dinitrotoluene	ND	0.15	0.90	"	"	"	"	"	"	"
4-Amino-2,6-Dinitrotoluene	ND	0.17	0.90	"	"	"	"	"	"	"
3-Nitrotoluene	ND	0.33	0.90	"	"	"	"	"	"	"
2-Nitrotoluene	ND	0.60	0.90	"	"	"	"	"	"	"
4-Nitrotoluene	ND	0.60	0.90	"	"	"	"	"	"	"
<i>Surrogate: 1,2-Dinitrobenzene</i>			<i>105 %</i>	<i>70-130</i>						

**Determination of Conventional Chemistry Parameters**

<b>% Solids</b>	<b>95.1</b>	0.1	0.1	%	1	1161319	09/13/06	09/14/06	% calculation	
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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N6669 TT-40 (0-1') 214C13**  
**16I0367-02(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	1.00	mg/kg dry	1	1161807	09/13/06	09/15/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.21	1.00	"	"	"	"	"	"	"
RDX	ND	0.15	1.00	"	"	"	"	"	"	"
1,3-Dinitrobenzene	ND	0.19	1.00	"	"	"	"	"	"	"
2,4,6-Trinitrotoluene	ND	0.24	1.00	"	"	"	"	"	"	"
Tetryl	ND	0.24	1.00	"	"	"	"	"	"	"
Nitrobenzene	ND	0.36	1.00	"	"	"	"	"	"	"
2,4-Dinitrotoluene	ND	0.19	1.00	"	"	"	"	"	"	"
2,6-Dinitrotoluene	ND	0.18	1.00	"	"	"	"	"	"	"
2-Amino-4,6-Dinitrotoluene	ND	0.17	1.00	"	"	"	"	"	"	"
4-Amino-2,6-Dinitrotoluene	ND	0.19	1.00	"	"	"	"	"	"	"
3-Nitrotoluene	ND	0.36	1.00	"	"	"	"	"	"	"
2-Nitrotoluene	ND	0.66	1.00	"	"	"	"	"	"	"
4-Nitrotoluene	ND	0.66	1.00	"	"	"	"	"	"	"
<i>Surrogate: 1,2-Dinitrobenzene</i>			<i>107 %</i>	<i>70-130</i>						

**Determination of Conventional Chemistry Parameters**

<b>% Solids</b>	<b>92.8</b>	0.1	0.1	%	1	1161319	09/13/06	09/14/06	% calculation	
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Keystone Laboratories, Inc. - Newton

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Jeffrey King, Ph.D. For Kathy Van Zee, Project Manager



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MVTL Laboratories, Inc. - New Ullm  
 1126 North Front Street, Box 249  
 New Ullm MN, 56073

Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N6671 TT-41 (0-1') 269B**  
**16I0367-03(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.16	0.86	mg/kg dry	1	1161807	09/13/06	09/15/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.18	0.86	"	"	"	"	"	"	"
RDX	ND	0.13	0.86	"	"	"	"	"	"	"
1,3-Dinitrobenzene	ND	0.16	0.86	"	"	"	"	"	"	"
2,4,6-Trinitrotoluene	ND	0.21	0.86	"	"	"	"	"	"	"
Tetryl	ND	0.21	0.86	"	"	"	"	"	"	"
Nitrobenzene	ND	0.31	0.86	"	"	"	"	"	"	"
2,4-Dinitrotoluene	ND	0.16	0.86	"	"	"	"	"	"	"
2,6-Dinitrotoluene	ND	0.15	0.86	"	"	"	"	"	"	"
2-Amino-4,6-Dinitrotoluene	ND	0.14	0.86	"	"	"	"	"	"	"
4-Amino-2,6-Dinitrotoluene	ND	0.16	0.86	"	"	"	"	"	"	"
3-Nitrotoluene	ND	0.31	0.86	"	"	"	"	"	"	"
2-Nitrotoluene	ND	0.57	0.86	"	"	"	"	"	"	"
4-Nitrotoluene	ND	0.57	0.86	"	"	"	"	"	"	"
<i>Surrogate: 1,2-Dinitrobenzene</i>			108 %	70-130	"	"	"	"	"	"

**Determination of Conventional Chemistry Parameters**

<b>% Solids</b>	<b>96.1</b>	0.1	0.1	%	1	1161319	09/13/06	09/14/06	% calculation	
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Jeffrey King, Ph.D. For Kathy Van Zee, Project Manager



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MVTL Laboratories, Inc. - New Ullm  
 1126 North Front Street, Box 249  
 New Ullm MN, 56073

Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N6675 TT-43 (6.5') 236A**  
**16I0367-04(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	0.97	mg/kg dry	1	1161807	09/13/06	09/15/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.21	0.97	"	"	"	"	"	"	"
RDX	ND	0.14	0.97	"	"	"	"	"	"	"
1,3-Dinitrobenzene	ND	0.18	0.97	"	"	"	"	"	"	"
2,4,6-Trinitrotoluene	ND	0.24	0.97	"	"	"	"	"	"	"
Tetryl	ND	0.24	0.97	"	"	"	"	"	"	"
Nitrobenzene	ND	0.35	0.97	"	"	"	"	"	"	"
2,4-Dinitrotoluene	ND	0.18	0.97	"	"	"	"	"	"	"
2,6-Dinitrotoluene	ND	0.17	0.97	"	"	"	"	"	"	"
2-Amino-4,6-Dinitrotoluene	ND	0.16	0.97	"	"	"	"	"	"	"
4-Amino-2,6-Dinitrotoluene	ND	0.19	0.97	"	"	"	"	"	"	"
3-Nitrotoluene	ND	0.35	0.97	"	"	"	"	"	"	"
2-Nitrotoluene	ND	0.64	0.97	"	"	"	"	"	"	"
4-Nitrotoluene	ND	0.64	0.97	"	"	"	"	"	"	"
<i>Surrogate: 1,2-Dinitrobenzene</i>			<i>108 %</i>	<i>70-130</i>						

**Determination of Conventional Chemistry Parameters**

<b>% Solids</b>	<b>98.5</b>	0.1	0.1	%	1	1161319	09/13/06	09/14/06	% calculation	
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Jeffrey King, Ph.D. For Kathy Van Zee, Project Manager



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 1126 North Front Street, Box 249  
 New Ullm MN, 56073

Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N6676 TT-43(0-1') 236B**  
**16I0367-05(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.17	0.93	mg/kg dry	1	1161807	09/13/06	09/15/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.20	0.93	"	"	"	"	"	"	"
RDX	ND	0.14	0.93	"	"	"	"	"	"	"
1,3-Dinitrobenzene	ND	0.17	0.93	"	"	"	"	"	"	"
2,4,6-Trinitrotoluene	ND	0.23	0.93	"	"	"	"	"	"	"
Tetryl	ND	0.23	0.93	"	"	"	"	"	"	"
Nitrobenzene	ND	0.33	0.93	"	"	"	"	"	"	"
2,4-Dinitrotoluene	ND	0.18	0.93	"	"	"	"	"	"	"
2,6-Dinitrotoluene	ND	0.17	0.93	"	"	"	"	"	"	"
2-Amino-4,6-Dinitrotoluene	ND	0.16	0.93	"	"	"	"	"	"	"
4-Amino-2,6-Dinitrotoluene	ND	0.18	0.93	"	"	"	"	"	"	"
3-Nitrotoluene	ND	0.34	0.93	"	"	"	"	"	"	"
2-Nitrotoluene	ND	0.62	0.93	"	"	"	"	"	"	"
4-Nitrotoluene	ND	0.62	0.93	"	"	"	"	"	"	"
<i>Surrogate: 1,2-Dinitrobenzene</i>			<i>108 %</i>	<i>70-130</i>						

**Determination of Conventional Chemistry Parameters**

<b>% Solids</b>	<b>96.9</b>	0.1	0.1	%	1	1161319	09/13/06	09/14/06	% calculation	
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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N6679 TT-45 (5') 228C**  
**16I0367-06(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	0.97	mg/kg dry	1	1161807	09/13/06	09/15/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.21	0.97	"	"	"	"	"	"	"
RDX	ND	0.14	0.97	"	"	"	"	"	"	"
1,3-Dinitrobenzene	ND	0.18	0.97	"	"	"	"	"	"	"
2,4,6-Trinitrotoluene	ND	0.24	0.97	"	"	"	"	"	"	"
Tetryl	ND	0.24	0.97	"	"	"	"	"	"	"
Nitrobenzene	ND	0.35	0.97	"	"	"	"	"	"	"
2,4-Dinitrotoluene	ND	0.18	0.97	"	"	"	"	"	"	"
2,6-Dinitrotoluene	ND	0.17	0.97	"	"	"	"	"	"	"
2-Amino-4,6-Dinitrotoluene	ND	0.16	0.97	"	"	"	"	"	"	"
4-Amino-2,6-Dinitrotoluene	ND	0.19	0.97	"	"	"	"	"	"	"
3-Nitrotoluene	ND	0.36	0.97	"	"	"	"	"	"	"
2-Nitrotoluene	ND	0.64	0.97	"	"	"	"	"	"	"
4-Nitrotoluene	ND	0.64	0.97	"	"	"	"	"	"	"
<i>Surrogate: 1,2-Dinitrobenzene</i>			<i>109 %</i>	<i>70-130</i>						

**Determination of Conventional Chemistry Parameters**

<b>% Solids</b>	<b>96.9</b>	0.1	0.1	%	1	1161319	09/13/06	09/14/06	% calculation	
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Jeffrey King, Ph.D. For Kathy Van Zee, Project Manager



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MVTL Laboratories, Inc. - New Ullm 1126 North Front Street, Box 249 New Ulm MN, 56073	Project: Explosives Project Number: 16069.01 Project Manager: Mary Lade	Reported: 10/12/06 10:35
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**N6680 TT-45 (0-1') 228C**  
**16I0367-07(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	0.99	mg/kg dry	1	1161807	09/13/06	09/15/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.21	0.99	"	"	"	"	"	"	
RDX	ND	0.14	0.99	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.18	0.99	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.24	0.99	"	"	"	"	"	"	
Tetryl	ND	0.24	0.99	"	"	"	"	"	"	
Nitrobenzene	ND	0.35	0.99	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.19	0.99	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.18	0.99	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.16	0.99	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.19	0.99	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.36	0.99	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.66	0.99	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.66	0.99	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			<i>109 %</i>	<i>70-130</i>						

**Determination of Conventional Chemistry Parameters**

<b>% Solids</b>	<b>96.1</b>	0.1	0.1	%	1	1161319	09/13/06	09/14/06	% calculation	
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Jeffrey King, Ph.D. For Kathy Van Zee, Project Manager





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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N6844 TT-63(6'')-220C**  
**16I0520-01(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.17	0.91	mg/kg dry	1	1162027	09/18/06	09/19/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.20	0.91	"	"	"	"	"	"	
RDX	ND	0.13	0.91	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.17	0.91	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.22	0.91	"	"	"	"	"	"	
Tetryl	ND	0.22	0.91	"	"	"	"	"	"	
Nitrobenzene	ND	0.33	0.91	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.17	0.91	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.16	0.91	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.15	0.91	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.18	0.91	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.33	0.91	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.60	0.91	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.60	0.91	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			<i>117 %</i>	<i>70-130</i>						

**Determination of Conventional Chemistry Parameters**

<b>% Solids</b>	<b>86.9</b>	0.1	0.1	%	1	1161901	09/19/06	09/20/06	% calculation	
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Jeffrey King, Ph.D. For Kathy Van Zee, Project Manager



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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N6845 TT-63(0-1'')220C**  
**16I0520-02(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	0.97	mg/kg dry	1	1162027	09/18/06	09/19/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.21	0.97	"	"	"	"	"	"	"
RDX	ND	0.14	0.97	"	"	"	"	"	"	"
1,3-Dinitrobenzene	ND	0.18	0.97	"	"	"	"	"	"	"
2,4,6-Trinitrotoluene	ND	0.24	0.97	"	"	"	"	"	"	"
Tetryl	ND	0.24	0.97	"	"	"	"	"	"	"
Nitrobenzene	ND	0.35	0.97	"	"	"	"	"	"	"
<b>2,4-Dinitrotoluene</b>	<b>1.74</b>	0.18	0.97	"	"	"	"	"	"	"
2,6-Dinitrotoluene	ND	0.17	0.97	"	"	"	"	"	"	"
2-Amino-4,6-Dinitrotoluene	ND	0.16	0.97	"	"	"	"	"	"	"
4-Amino-2,6-Dinitrotoluene	ND	0.19	0.97	"	"	"	"	"	"	"
3-Nitrotoluene	ND	0.36	0.97	"	"	"	"	"	"	"
2-Nitrotoluene	ND	0.64	0.97	"	"	"	"	"	"	"
4-Nitrotoluene	ND	0.64	0.97	"	"	"	"	"	"	"
<i>Surrogate: 1,2-Dinitrobenzene</i>			<i>110 %</i>	<i>70-130</i>		"	"	"	"	"

**Determination of Conventional Chemistry Parameters**

<b>% Solids</b>	<b>75.8</b>	0.1	0.1	%	1	1161901	09/19/06	09/20/06	% calculation	
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 1126 North Front Street, Box 249  
 New Ulm MN, 56073

Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N6847 TT-64(2')-220C**  
**16I0520-03(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.77	4.19	mg/kg dry	1	1162027	09/18/06	09/19/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.90	4.19	"	"	"	"	"	"	
RDX	ND	0.61	4.19	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.78	4.19	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	1.02	4.19	"	"	"	"	"	"	
Tetryl	ND	1.02	4.19	"	"	"	"	"	"	
Nitrobenzene	ND	1.50	4.19	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.80	4.19	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.75	4.19	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.70	4.19	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.80	4.19	"	"	"	"	"	"	
3-Nitrotoluene	ND	1.53	4.19	"	"	"	"	"	"	
2-Nitrotoluene	ND	2.77	4.19	"	"	"	"	"	"	
4-Nitrotoluene	ND	2.77	4.19	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			<i>138 %</i>	<i>70-130</i>						<i>S-07</i>

**Determination of Conventional Chemistry Parameters**

<b>% Solids</b>	<b>21.6</b>	<b>0.1</b>	<b>0.1</b>	<b>%</b>	<b>1</b>	<b>1161901</b>	<b>09/19/06</b>	<b>09/20/06</b>	<b>% calculation</b>	
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MVTL Laboratories, Inc. - New Ullm 1126 North Front Street, Box 249 New Ullm MN, 56073	Project: Explosives Project Number: 16069.01 Project Manager: Mary Lade	Reported: 10/12/06 10:35
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**N6848 TT-65(0-6'')-222A  
16I0520-04(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.17	0.93	mg/kg dry	1	1162027	09/18/06	09/19/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.20	0.93	"	"	"	"	"	"	
RDX	ND	0.14	0.93	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.17	0.93	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.23	0.93	"	"	"	"	"	"	
Tetryl	ND	0.23	0.93	"	"	"	"	"	"	
Nitrobenzene	ND	0.33	0.93	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.18	0.93	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.17	0.93	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.15	0.93	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.18	0.93	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.34	0.93	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.62	0.93	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.62	0.93	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			<i>108 %</i>	<i>70-130</i>						

**Determination of Conventional Chemistry Parameters**

<b>% Solids</b>	<b>87.4</b>	0.1	0.1	%	1	1161901	09/19/06	09/20/06	% calculation	
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Keystone Laboratories, Inc. - Newton

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Jeffrey King, Ph.D. For Kathy Van Zee, Project Manager



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MVTL Laboratories, Inc. - New Ulm  
 1126 North Front Street, Box 249  
 New Ulm MN, 56073

Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N6849 TT-65(3.5')-222A**  
**16I0520-05(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.17	0.93	mg/kg dry	1	1162027	09/18/06	09/19/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.20	0.93	"	"	"	"	"	"	
RDX	ND	0.14	0.93	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.17	0.93	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.23	0.93	"	"	"	"	"	"	
Tetryl	ND	0.23	0.93	"	"	"	"	"	"	
Nitrobenzene	ND	0.33	0.93	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.18	0.93	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.17	0.93	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.15	0.93	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.18	0.93	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.34	0.93	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.62	0.93	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.62	0.93	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			112 %	70-130		"	"	"	"	

**Determination of Conventional Chemistry Parameters**

<b>% Solids</b>	<b>92.9</b>	0.1	0.1	%	1	1161901	09/19/06	09/20/06	% calculation	
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Jeffrey King, Ph.D. For Kathy Van Zee, Project Manager



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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N6850 TT-65(3')-222A**  
**16I0520-06(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.17	0.94	mg/kg dry	1	1162027	09/18/06	09/19/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.20	0.94	"	"	"	"	"	"	"
RDX	ND	0.14	0.94	"	"	"	"	"	"	"
1,3-Dinitrobenzene	ND	0.18	0.94	"	"	"	"	"	"	"
2,4,6-Trinitrotoluene	ND	0.23	0.94	"	"	"	"	"	"	"
Tetryl	ND	0.23	0.94	"	"	"	"	"	"	"
Nitrobenzene	ND	0.34	0.94	"	"	"	"	"	"	"
2,4-Dinitrotoluene	ND	0.18	0.94	"	"	"	"	"	"	"
2,6-Dinitrotoluene	ND	0.17	0.94	"	"	"	"	"	"	"
2-Amino-4,6-Dinitrotoluene	ND	0.16	0.94	"	"	"	"	"	"	"
4-Amino-2,6-Dinitrotoluene	ND	0.18	0.94	"	"	"	"	"	"	"
3-Nitrotoluene	ND	0.35	0.94	"	"	"	"	"	"	"
2-Nitrotoluene	ND	0.62	0.94	"	"	"	"	"	"	"
4-Nitrotoluene	ND	0.62	0.94	"	"	"	"	"	"	"
<i>Surrogate: 1,2-Dinitrobenzene</i>			<i>113 %</i>	<i>70-130</i>						

**Determination of Conventional Chemistry Parameters**

<b>% Solids</b>	<b>95.4</b>	0.1	0.1	%	1	1161901	09/19/06	09/20/06	% calculation	
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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N6851 TT-66(0-1')-222A**  
**16I0520-07(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	0.99	mg/kg dry	1	1162027	09/18/06	09/19/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.21	0.99	"	"	"	"	"	"	"
RDX	ND	0.14	0.99	"	"	"	"	"	"	"
1,3-Dinitrobenzene	ND	0.18	0.99	"	"	"	"	"	"	"
2,4,6-Trinitrotoluene	ND	0.24	0.99	"	"	"	"	"	"	"
Tetryl	ND	0.24	0.99	"	"	"	"	"	"	"
Nitrobenzene	ND	0.35	0.99	"	"	"	"	"	"	"
2,4-Dinitrotoluene	ND	0.19	0.99	"	"	"	"	"	"	"
2,6-Dinitrotoluene	ND	0.18	0.99	"	"	"	"	"	"	"
2-Amino-4,6-Dinitrotoluene	ND	0.16	0.99	"	"	"	"	"	"	"
4-Amino-2,6-Dinitrotoluene	ND	0.19	0.99	"	"	"	"	"	"	"
3-Nitrotoluene	ND	0.36	0.99	"	"	"	"	"	"	"
2-Nitrotoluene	ND	0.65	0.99	"	"	"	"	"	"	"
4-Nitrotoluene	ND	0.65	0.99	"	"	"	"	"	"	"
<i>Surrogate: 1,2-Dinitrobenzene</i>			<i>108 %</i>	<i>70-130</i>						

**Determination of Conventional Chemistry Parameters**

<b>% Solids</b>	<b>97.2</b>	0.1	0.1	%	1	1161901	09/19/06	09/20/06	% calculation	
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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N6852 TT-67(0-6'')-240B**  
**16I0520-08(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.17	0.92	mg/kg dry	1	1162027	09/18/06	09/19/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.20	0.92	"	"	"	"	"	"	
RDX	ND	0.13	0.92	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.17	0.92	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.22	0.92	"	"	"	"	"	"	
Tetryl	ND	0.22	0.92	"	"	"	"	"	"	
Nitrobenzene	ND	0.33	0.92	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.18	0.92	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.16	0.92	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.15	0.92	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.18	0.92	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.34	0.92	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.61	0.92	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.61	0.92	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			<i>115 %</i>	<i>70-130</i>						

**Determination of Conventional Chemistry Parameters**

<b>% Solids</b>	<b>72.5</b>	<b>0.1</b>	<b>0.1</b>	<b>%</b>	<b>1</b>	<b>1161901</b>	<b>09/19/06</b>	<b>09/20/06</b>	<b>% calculation</b>	
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Jeffrey King, Ph.D. For Kathy Van Zee, Project Manager





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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N6853 TT-67(0-6'')-240B**  
**16I0520-09(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.28	1.53	mg/kg dry	1	1162027	09/18/06	09/20/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.33	1.53	"	"	"	"	"	"	"
RDX	ND	0.22	1.53	"	"	"	"	"	"	"
1,3-Dinitrobenzene	ND	0.28	1.53	"	"	"	"	"	"	"
2,4,6-Trinitrotoluene	ND	0.37	1.53	"	"	"	"	"	"	"
Tetryl	ND	0.37	1.53	"	"	"	"	"	"	"
Nitrobenzene	ND	0.55	1.53	"	"	"	"	"	"	"
2,4-Dinitrotoluene	ND	0.29	1.53	"	"	"	"	"	"	"
2,6-Dinitrotoluene	ND	0.27	1.53	"	"	"	"	"	"	"
2-Amino-4,6-Dinitrotoluene	ND	0.25	1.53	"	"	"	"	"	"	"
4-Amino-2,6-Dinitrotoluene	ND	0.29	1.53	"	"	"	"	"	"	"
3-Nitrotoluene	ND	0.56	1.53	"	"	"	"	"	"	"
2-Nitrotoluene	ND	1.01	1.53	"	"	"	"	"	"	"
4-Nitrotoluene	ND	1.01	1.53	"	"	"	"	"	"	"
<i>Surrogate: 1,2-Dinitrobenzene</i>			<i>115 %</i>	<i>70-130</i>						

**Determination of Conventional Chemistry Parameters**

<b>% Solids</b>	<b>63.9</b>	0.1	0.1	%	1	1161901	09/19/06	09/20/06	% calculation	
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Jeffrey King, Ph.D. For Kathy Van Zee, Project Manager



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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N6855 TT-68(3')-240B**  
**16I0520-10(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.16	0.89	mg/kg dry	1	1162027	09/18/06	09/20/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.19	0.89	"	"	"	"	"	"	
RDX	ND	0.13	0.89	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.17	0.89	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.22	0.89	"	"	"	"	"	"	
Tetryl	ND	0.22	0.89	"	"	"	"	"	"	
Nitrobenzene	ND	0.32	0.89	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.17	0.89	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.16	0.89	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.15	0.89	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.17	0.89	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.33	0.89	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.59	0.89	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.59	0.89	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			110 %	70-130		"	"	"	"	

**Determination of Conventional Chemistry Parameters**

<b>% Solids</b>	<b>95.9</b>	0.1	0.1	%	1	1161901	09/19/06	09/20/06	% calculation	
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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N6898 TT-69(0-2'')-224A**  
**16I0590-01(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	0.99	mg/kg dry	1	1162027	09/18/06	09/20/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.21	0.99	"	"	"	"	"	"	"
RDX	ND	0.14	0.99	"	"	"	"	"	"	"
1,3-Dinitrobenzene	ND	0.18	0.99	"	"	"	"	"	"	"
2,4,6-Trinitrotoluene	ND	0.24	0.99	"	"	"	"	"	"	"
Tetryl	ND	0.24	0.99	"	"	"	"	"	"	"
Nitrobenzene	ND	0.35	0.99	"	"	"	"	"	"	"
2,4-Dinitrotoluene	ND	0.19	0.99	"	"	"	"	"	"	"
2,6-Dinitrotoluene	ND	0.18	0.99	"	"	"	"	"	"	"
2-Amino-4,6-Dinitrotoluene	ND	0.16	0.99	"	"	"	"	"	"	"
4-Amino-2,6-Dinitrotoluene	ND	0.19	0.99	"	"	"	"	"	"	"
3-Nitrotoluene	ND	0.36	0.99	"	"	"	"	"	"	"
2-Nitrotoluene	ND	0.66	0.99	"	"	"	"	"	"	"
4-Nitrotoluene	ND	0.66	0.99	"	"	"	"	"	"	"
<i>Surrogate: 1,2-Dinitrobenzene</i>			<i>115 %</i>	<i>70-130</i>						

**Determination of Conventional Chemistry Parameters**

<b>% Solids</b>	<b>87.1</b>	0.1	0.1	%	1	1161901	09/19/06	09/20/06	% calculation	
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Keystone Laboratories, Inc. - Newton

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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N6904 TT-70(0-1')-239A**  
**16I0590-02(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	0.97	mg/kg dry	1	1162027	09/18/06	09/20/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.21	0.97	"	"	"	"	"	"	"
RDX	ND	0.14	0.97	"	"	"	"	"	"	"
1,3-Dinitrobenzene	ND	0.18	0.97	"	"	"	"	"	"	"
2,4,6-Trinitrotoluene	ND	0.24	0.97	"	"	"	"	"	"	"
Tetryl	ND	0.24	0.97	"	"	"	"	"	"	"
Nitrobenzene	ND	0.35	0.97	"	"	"	"	"	"	"
2,4-Dinitrotoluene	ND	0.18	0.97	"	"	"	"	"	"	"
2,6-Dinitrotoluene	ND	0.17	0.97	"	"	"	"	"	"	"
2-Amino-4,6-Dinitrotoluene	ND	0.16	0.97	"	"	"	"	"	"	"
4-Amino-2,6-Dinitrotoluene	ND	0.19	0.97	"	"	"	"	"	"	"
3-Nitrotoluene	ND	0.36	0.97	"	"	"	"	"	"	"
2-Nitrotoluene	ND	0.64	0.97	"	"	"	"	"	"	"
4-Nitrotoluene	ND	0.64	0.97	"	"	"	"	"	"	"
<i>Surrogate: 1,2-Dinitrobenzene</i>			<i>106 %</i>	<i>70-130</i>						

**Determination of Conventional Chemistry Parameters**

<b>% Solids</b>	<b>93.9</b>	0.1	0.1	%	1	1161901	09/19/06	09/20/06	% calculation	
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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N6905 TT-70(4')-239A**  
**16I0590-03(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	0.99	mg/kg dry	1	1162027	09/18/06	09/20/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.21	0.99	"	"	"	"	"	"	
RDX	ND	0.14	0.99	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.18	0.99	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.24	0.99	"	"	"	"	"	"	
Tetryl	ND	0.24	0.99	"	"	"	"	"	"	
Nitrobenzene	ND	0.35	0.99	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.19	0.99	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.18	0.99	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.16	0.99	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.19	0.99	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.36	0.99	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.66	0.99	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.66	0.99	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			<i>101 %</i>	<i>70-130</i>						

**Determination of Conventional Chemistry Parameters**

<b>% Solids</b>	<b>96.3</b>	0.1	0.1	%	1	1161901	09/19/06	09/20/06	% calculation	
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Keystone Laboratories, Inc. - Newton

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Jeffrey King, Ph.D. For Kathy Van Zee, Project Manager



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MVTL Laboratories, Inc. - New Ullm  
 1126 North Front Street, Box 249  
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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N6907 TT-71-2(surface)-238B**  
**16I0590-04(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.41	2.24	mg/kg dry	1	1162027	09/18/06	09/20/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.48	2.24	"	"	"	"	"	"	
RDX	ND	0.33	2.24	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.42	2.24	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.55	2.24	"	"	"	"	"	"	
Tetryl	ND	0.55	2.24	"	"	"	"	"	"	
Nitrobenzene	ND	0.80	2.24	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.42	2.24	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.40	2.24	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.37	2.24	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.43	2.24	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.82	2.24	"	"	"	"	"	"	
2-Nitrotoluene	ND	1.48	2.24	"	"	"	"	"	"	
4-Nitrotoluene	ND	1.48	2.24	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			<i>118 %</i>	<i>70-130</i>						

**Determination of Conventional Chemistry Parameters**

<b>% Solids</b>	<b>41.6</b>	<b>0.1</b>	<b>0.1</b>	<b>%</b>	<b>1</b>	<b>1161901</b>	<b>09/19/06</b>	<b>09/20/06</b>	<b>% calculation</b>	
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Jeffrey King, Ph.D. For Kathy Van Zee, Project Manager



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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N6908 TT-71-3(surface)-238B**  
**16I0590-05(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	0.95	mg/kg dry	1	1162027	09/18/06	09/20/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.20	0.95	"	"	"	"	"	"	
RDX	ND	0.14	0.95	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.18	0.95	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.23	0.95	"	"	"	"	"	"	
Tetryl	ND	0.23	0.95	"	"	"	"	"	"	
Nitrobenzene	ND	0.34	0.95	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.18	0.95	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.17	0.95	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.16	0.95	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.18	0.95	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.35	0.95	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.63	0.95	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.63	0.95	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			<i>106 %</i>	<i>70-130</i>						

**Determination of Conventional Chemistry Parameters**

<b>% Solids</b>	<b>71.7</b>	<b>0.1</b>	<b>0.1</b>	<b>%</b>	<b>1</b>	<b>1161901</b>	<b>09/19/06</b>	<b>09/20/06</b>	<b>% calculation</b>	
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Jeffrey King, Ph.D. For Kathy Van Zee, Project Manager



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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N6909 TT-71(0-1')-238B**  
**16I0590-06(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	1.00	mg/kg dry	1	1162027	09/18/06	09/20/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.21	1.00	"	"	"	"	"	"	"
RDX	ND	0.15	1.00	"	"	"	"	"	"	"
1,3-Dinitrobenzene	ND	0.19	1.00	"	"	"	"	"	"	"
2,4,6-Trinitrotoluene	ND	0.24	1.00	"	"	"	"	"	"	"
Tetryl	ND	0.24	1.00	"	"	"	"	"	"	"
Nitrobenzene	ND	0.36	1.00	"	"	"	"	"	"	"
2,4-Dinitrotoluene	ND	0.19	1.00	"	"	"	"	"	"	"
2,6-Dinitrotoluene	ND	0.18	1.00	"	"	"	"	"	"	"
2-Amino-4,6-Dinitrotoluene	ND	0.17	1.00	"	"	"	"	"	"	"
4-Amino-2,6-Dinitrotoluene	ND	0.19	1.00	"	"	"	"	"	"	"
3-Nitrotoluene	ND	0.37	1.00	"	"	"	"	"	"	"
2-Nitrotoluene	ND	0.66	1.00	"	"	"	"	"	"	"
4-Nitrotoluene	ND	0.66	1.00	"	"	"	"	"	"	"
<i>Surrogate: 1,2-Dinitrobenzene</i>			<i>111 %</i>	<i>70-130</i>						

**Determination of Conventional Chemistry Parameters**

<b>% Solids</b>	<b>92.0</b>	0.1	0.1	%	1	1161901	09/19/06	09/20/06	% calculation	
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Jeffrey King, Ph.D. For Kathy Van Zee, Project Manager





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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N6913 TT-72(1.5')-237K  
 16I0590-07(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.51	2.79	mg/kg dry	1	1162027	09/18/06	09/20/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.60	2.79	"	"	"	"	"	"	
RDX	ND	0.41	2.79	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.52	2.79	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.68	2.79	"	"	"	"	"	"	
Tetryl	ND	0.68	2.79	"	"	"	"	"	"	
Nitrobenzene	ND	1.00	2.79	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.53	2.79	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.50	2.79	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.46	2.79	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.53	2.79	"	"	"	"	"	"	
3-Nitrotoluene	ND	1.02	2.79	"	"	"	"	"	"	
2-Nitrotoluene	ND	1.84	2.79	"	"	"	"	"	"	
4-Nitrotoluene	ND	1.84	2.79	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			<i>113 %</i>	<i>70-130</i>						

**Determination of Conventional Chemistry Parameters**

<b>% Solids</b>	<b>35.2</b>	0.1	0.1	%	1	1161901	09/19/06	09/20/06	% calculation	
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 New Ulm MN, 56073

Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N6914 TT-72(8')-237K**  
**16I0590-08(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	0.97	mg/kg dry	1	1162027	09/18/06	09/20/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.21	0.97	"	"	"	"	"	"	"
RDX	ND	0.14	0.97	"	"	"	"	"	"	"
1,3-Dinitrobenzene	ND	0.18	0.97	"	"	"	"	"	"	"
2,4,6-Trinitrotoluene	ND	0.24	0.97	"	"	"	"	"	"	"
Tetryl	ND	0.24	0.97	"	"	"	"	"	"	"
Nitrobenzene	ND	0.35	0.97	"	"	"	"	"	"	"
2,4-Dinitrotoluene	ND	0.18	0.97	"	"	"	"	"	"	"
2,6-Dinitrotoluene	ND	0.17	0.97	"	"	"	"	"	"	"
2-Amino-4,6-Dinitrotoluene	ND	0.16	0.97	"	"	"	"	"	"	"
4-Amino-2,6-Dinitrotoluene	ND	0.19	0.97	"	"	"	"	"	"	"
3-Nitrotoluene	ND	0.35	0.97	"	"	"	"	"	"	"
2-Nitrotoluene	ND	0.64	0.97	"	"	"	"	"	"	"
4-Nitrotoluene	ND	0.64	0.97	"	"	"	"	"	"	"
<i>Surrogate: 1,2-Dinitrobenzene</i>			<i>102 %</i>	<i>70-130</i>						

**Determination of Conventional Chemistry Parameters**

<b>% Solids</b>	<b>99.1</b>	0.1	0.1	%	1	1161901	09/19/06	09/20/06	% calculation	
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Jeffrey King, Ph.D. For Kathy Van Zee, Project Manager



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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N6915 TT-72(3.5')-237K**  
**16I0590-09(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.48	2.60	mg/kg dry	1	1162027	09/18/06	09/20/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.56	2.60	"	"	"	"	"	"	"
RDX	ND	0.38	2.60	"	"	"	"	"	"	"
1,3-Dinitrobenzene	ND	0.48	2.60	"	"	"	"	"	"	"
2,4,6-Trinitrotoluene	ND	0.63	2.60	"	"	"	"	"	"	"
Tetryl	ND	0.63	2.60	"	"	"	"	"	"	"
Nitrobenzene	ND	0.93	2.60	"	"	"	"	"	"	"
2,4-Dinitrotoluene	ND	0.49	2.60	"	"	"	"	"	"	"
2,6-Dinitrotoluene	ND	0.46	2.60	"	"	"	"	"	"	"
2-Amino-4,6-Dinitrotoluene	ND	0.43	2.60	"	"	"	"	"	"	"
4-Amino-2,6-Dinitrotoluene	ND	0.50	2.60	"	"	"	"	"	"	"
3-Nitrotoluene	ND	0.95	2.60	"	"	"	"	"	"	"
2-Nitrotoluene	ND	1.72	2.60	"	"	"	"	"	"	"
4-Nitrotoluene	ND	1.72	2.60	"	"	"	"	"	"	"
<i>Surrogate: 1,2-Dinitrobenzene</i>			105 %	70-130		"	"	"	"	"

**Determination of Conventional Chemistry Parameters**

<b>% Solids</b>	<b>38.3</b>	0.1	0.1	%	1	1161901	09/19/06	09/20/06	% calculation	
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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N6916 TT-72(0-6'')-237K**  
**16I0590-10(Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.16	0.87	mg/kg dry	1	1162027	09/18/06	09/20/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.19	0.87	"	"	"	"	"	"	
RDX	ND	0.13	0.87	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.16	0.87	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.21	0.87	"	"	"	"	"	"	
Tetryl	ND	0.21	0.87	"	"	"	"	"	"	
Nitrobenzene	ND	0.31	0.87	"	"	"	"	"	"	
<b>2,4-Dinitrotoluene</b>	<b>1.06</b>	0.17	0.87	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.15	0.87	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.14	0.87	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.17	0.87	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.32	0.87	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.58	0.87	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.58	0.87	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			<i>112 %</i>	<i>70-130</i>						

**Determination of Conventional Chemistry Parameters**

<b>% Solids</b>	<b>71.4</b>	0.1	0.1	%	1	1161901	09/19/06	09/20/06	% calculation	
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MVTL Laboratories, Inc. - New Ullm 1126 North Front Street, Box 249 New Ullm MN, 56073	Project: Explosives Project Number: 16069.01 Project Manager: Mary Lade	Reported: 10/12/06 10:35
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**N7174 CS-38-209A**  
**16I0820-01(Solid)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	0.97	mg/kg	1	1162037	09/20/06	09/21/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.21	0.97	"	"	"	"	"	"	
RDX	ND	0.14	0.97	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.18	0.97	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.24	0.97	"	"	"	"	"	"	
Tetryl	ND	0.24	0.97	"	"	"	"	"	"	
Nitrobenzene	ND	0.35	0.97	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.18	0.97	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.17	0.97	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.16	0.97	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.19	0.97	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.35	0.97	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.64	0.97	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.64	0.97	"	"	"	"	"	"	
Surrogate: 1,2-Dinitrobenzene			115 %	70-130		"	"	"	"	

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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N7182 CS-45-205A**  
**1610820-02(Solid)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	0.98	mg/kg	1	1162037	09/20/06	09/21/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.21	0.98	"	"	"	"	"	"	
RDX	ND	0.14	0.98	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.18	0.98	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.24	0.98	"	"	"	"	"	"	
Tetryl	ND	0.24	0.98	"	"	"	"	"	"	
Nitrobenzene	ND	0.35	0.98	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.19	0.98	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.17	0.98	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.16	0.98	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.19	0.98	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.36	0.98	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.65	0.98	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.65	0.98	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			109 %	70-130		"	"	"	"	

Keystone Laboratories, Inc. - Newton

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Jeffrey King, Ph.D. For Kathy Van Zee, Project Manager



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MVTL Laboratories, Inc. - New Ullm  
 1126 North Front Street, Box 249  
 New Ullm MN, 56073

Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N7183 CS-46-205A**  
**1610820-03(Solid)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	1.00	mg/kg	1	1162037	09/20/06	09/21/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.21	1.00	"	"	"	"	"	"	
RDX	ND	0.15	1.00	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.19	1.00	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.24	1.00	"	"	"	"	"	"	
Tetryl	ND	0.24	1.00	"	"	"	"	"	"	
Nitrobenzene	ND	0.36	1.00	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.19	1.00	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.18	1.00	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.17	1.00	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.19	1.00	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.36	1.00	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.66	1.00	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.66	1.00	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			107 %	70-130	"	"	"	"	"	

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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N7184 CS-47-214C-13**  
**16I0820-04(Solid)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.19	1.02	mg/kg	1	1162037	09/20/06	09/21/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.22	1.02	"	"	"	"	"	"	
RDX	ND	0.15	1.02	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.19	1.02	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.25	1.02	"	"	"	"	"	"	
Tetryl	ND	0.25	1.02	"	"	"	"	"	"	
Nitrobenzene	ND	0.36	1.02	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.19	1.02	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.18	1.02	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.17	1.02	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.19	1.02	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.37	1.02	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.67	1.02	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.67	1.02	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			107 %	70-130		"	"	"	"	

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**N7188 CS-49-220C**  
**16I0820-05(Solid)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	0.99	mg/kg	1	1162037	09/20/06	09/21/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.21	0.99	"	"	"	"	"	"	
RDX	ND	0.14	0.99	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.18	0.99	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.24	0.99	"	"	"	"	"	"	
Tetryl	ND	0.24	0.99	"	"	"	"	"	"	
Nitrobenzene	ND	0.35	0.99	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.19	0.99	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.18	0.99	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.16	0.99	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.19	0.99	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.36	0.99	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.65	0.99	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.65	0.99	"	"	"	"	"	"	
Surrogate: 1,2-Dinitrobenzene			106 %	70-130		"	"	"	"	

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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N7190 CS-51-222A**  
**1610820-06(Solid)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	0.98	mg/kg	1	1162037	09/20/06	09/21/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.21	0.98	"	"	"	"	"	"	
RDX	ND	0.14	0.98	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.18	0.98	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.24	0.98	"	"	"	"	"	"	
Tetryl	ND	0.24	0.98	"	"	"	"	"	"	
Nitrobenzene	ND	0.35	0.98	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.19	0.98	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.17	0.98	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.16	0.98	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.19	0.98	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.36	0.98	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.65	0.98	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.65	0.98	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			106 %	70-130	"	"	"	"	"	

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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N7191 CS-52-240B**  
**16I0820-07(Solid)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	0.99	mg/kg	1	1162037	09/20/06	09/21/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.21	0.99	"	"	"	"	"	"	
RDX	ND	0.14	0.99	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.18	0.99	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.24	0.99	"	"	"	"	"	"	
Tetryl	ND	0.24	0.99	"	"	"	"	"	"	
Nitrobenzene	ND	0.35	0.99	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.19	0.99	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.18	0.99	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.16	0.99	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.19	0.99	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.36	0.99	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.66	0.99	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.66	0.99	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			103 %	70-130		"	"	"	"	

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**N7192 CS-53-224A**  
**16I0820-08(Solid)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	0.99	mg/kg	1	1162037	09/20/06	09/21/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.21	0.99	"	"	"	"	"	"	
RDX	ND	0.14	0.99	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.18	0.99	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.24	0.99	"	"	"	"	"	"	
Tetryl	ND	0.24	0.99	"	"	"	"	"	"	
Nitrobenzene	ND	0.35	0.99	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.19	0.99	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.18	0.99	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.16	0.99	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.19	0.99	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.36	0.99	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.65	0.99	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.65	0.99	"	"	"	"	"	"	
Surrogate: 1,2-Dinitrobenzene			104 %	70-130		"	"	"	"	

Keystone Laboratories, Inc. - Newton

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**N7193 CS-54-239A**  
**16I0820-09(Solid)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	1.00	mg/kg	1	1162037	09/20/06	09/22/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.21	1.00	"	"	"	"	"	"	
RDX	ND	0.15	1.00	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.19	1.00	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.24	1.00	"	"	"	"	"	"	
Tetryl	ND	0.24	1.00	"	"	"	"	"	"	
Nitrobenzene	ND	0.36	1.00	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.19	1.00	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.18	1.00	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.17	1.00	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.19	1.00	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.37	1.00	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.66	1.00	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.66	1.00	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			102 %	70-130		"	"	"	"	

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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N7196 CS-56-1-238B**  
**1610820-10(Solid)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	0.98	mg/kg	1	1162037	09/20/06	09/22/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.21	0.98	"	"	"	"	"	"	
RDX	ND	0.14	0.98	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.18	0.98	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.24	0.98	"	"	"	"	"	"	
Tetryl	ND	0.24	0.98	"	"	"	"	"	"	
Nitrobenzene	ND	0.35	0.98	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.19	0.98	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.17	0.98	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.16	0.98	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.19	0.98	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.36	0.98	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.65	0.98	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.65	0.98	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			103 %	70-130		"	"	"	"	

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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N7051 CS-14-108B**  
**1610821-01(Solid)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	1.00	mg/kg	1	1162037	09/20/06	09/22/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.21	1.00	"	"	"	"	"	"	
RDX	ND	0.15	1.00	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.19	1.00	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.24	1.00	"	"	"	"	"	"	
Tetryl	ND	0.24	1.00	"	"	"	"	"	"	
Nitrobenzene	ND	0.36	1.00	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.19	1.00	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.18	1.00	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.17	1.00	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.19	1.00	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.36	1.00	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.66	1.00	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.66	1.00	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			102 %	70-130	"	"	"	"	"	

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**N7054 CS-17-109B**  
**16I0821-02(Solid)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	0.99	mg/kg	1	1162037	09/20/06	09/22/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.21	0.99	"	"	"	"	"	"	
RDX	ND	0.14	0.99	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.18	0.99	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.24	0.99	"	"	"	"	"	"	
Tetryl	ND	0.24	0.99	"	"	"	"	"	"	
Nitrobenzene	ND	0.35	0.99	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.19	0.99	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.18	0.99	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.16	0.99	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.19	0.99	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.36	0.99	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.65	0.99	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.65	0.99	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			101 %	70-130		"	"	"	"	

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Jeffrey King, Ph.D. For Kathy Van Zee, Project Manager





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MVTL Laboratories, Inc. - New Ullm  
 1126 North Front Street, Box 249  
 New Ullm MN, 56073

Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N7058 CS-20-112B**  
**16I0821-03(Solid)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	0.99	mg/kg	1	1162037	09/20/06	09/22/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.21	0.99	"	"	"	"	"	"	
RDX	ND	0.14	0.99	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.18	0.99	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.24	0.99	"	"	"	"	"	"	
Tetryl	ND	0.24	0.99	"	"	"	"	"	"	
Nitrobenzene	ND	0.35	0.99	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.19	0.99	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.18	0.99	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.16	0.99	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.19	0.99	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.36	0.99	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.66	0.99	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.66	0.99	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			102 %	70-130		"	"	"	"	

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 New Ullm MN, 56073

Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N7060 CS-22-120B1**  
**16I0821-04(Solid)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	1.00	mg/kg	1	1162037	09/20/06	09/22/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.21	1.00	"	"	"	"	"	"	
RDX	ND	0.15	1.00	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.19	1.00	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.24	1.00	"	"	"	"	"	"	
Tetryl	ND	0.24	1.00	"	"	"	"	"	"	
Nitrobenzene	ND	0.36	1.00	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.19	1.00	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.18	1.00	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.17	1.00	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.19	1.00	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.37	1.00	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.66	1.00	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.66	1.00	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			103 %	70-130		"	"	"	"	

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MVTL Laboratories, Inc. - New Ullm 1126 North Front Street, Box 249 New Ullm MN, 56073	Project: Explosives Project Number: 16069.01 Project Manager: Mary Lade	Reported: 10/12/06 10:35
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**N7061 CS-23-113B**  
**16I0821-05(Solid)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	1.00	mg/kg	1	1162037	09/20/06	09/22/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.21	1.00	"	"	"	"	"	"	
RDX	ND	0.15	1.00	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.19	1.00	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.24	1.00	"	"	"	"	"	"	
Tetryl	ND	0.24	1.00	"	"	"	"	"	"	
Nitrobenzene	ND	0.36	1.00	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.19	1.00	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.18	1.00	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.17	1.00	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.19	1.00	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.37	1.00	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.66	1.00	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.66	1.00	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			104 %	70-130		"	"	"	"	

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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N7065 CS-26-201B**  
**1610821-06(Solid)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.17	0.93	mg/kg	1	1162633	09/22/06	09/25/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.20	0.93	"	"	"	"	"	"	
RDX	ND	0.14	0.93	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.17	0.93	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.23	0.93	"	"	"	"	"	"	
Tetryl	ND	0.23	0.93	"	"	"	"	"	"	
Nitrobenzene	ND	0.33	0.93	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.18	0.93	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.17	0.93	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.15	0.93	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.18	0.93	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.34	0.93	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.62	0.93	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.62	0.93	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			96.6 %		70-130	"	"	"	"	

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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N7066 CS-27-202C**  
**1610821-07(Solid)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	0.99	mg/kg	1	1162633	09/22/06	09/25/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.21	0.99	"	"	"	"	"	"	
RDX	ND	0.14	0.99	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.18	0.99	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.24	0.99	"	"	"	"	"	"	
Tetryl	ND	0.24	0.99	"	"	"	"	"	"	
Nitrobenzene	ND	0.35	0.99	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.19	0.99	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.18	0.99	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.16	0.99	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.19	0.99	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.36	0.99	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.66	0.99	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.66	0.99	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			99.8 %	70-130		"	"	"	"	

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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N7068 CS-29-1-208C**  
**1610821-08(Solid)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	1.00	mg/kg	1	1162633	09/22/06	09/25/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.21	1.00	"	"	"	"	"	"	
RDX	ND	0.15	1.00	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.19	1.00	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.24	1.00	"	"	"	"	"	"	
Tetryl	ND	0.24	1.00	"	"	"	"	"	"	
Nitrobenzene	ND	0.36	1.00	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.19	1.00	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.18	1.00	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.17	1.00	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.19	1.00	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.36	1.00	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.66	1.00	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.66	1.00	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			97.4 %		70-130	"	"	"	"	

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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N7069 CS-30-208C**  
**1610821-09(Solid)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.16	0.88	mg/kg	1	1162633	09/22/06	09/25/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.19	0.88	"	"	"	"	"	"	
RDX	ND	0.13	0.88	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.16	0.88	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.21	0.88	"	"	"	"	"	"	
Tetryl	ND	0.21	0.88	"	"	"	"	"	"	
Nitrobenzene	ND	0.32	0.88	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.17	0.88	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.16	0.88	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.15	0.88	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.17	0.88	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.32	0.88	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.58	0.88	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.58	0.88	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			98.4 %	70-130		"	"	"	"	

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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N7072 CS-32-263A**  
**1610821-10(Solid)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	1.00	mg/kg	1	1162633	09/22/06	09/25/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.21	1.00	"	"	"	"	"	"	
RDX	ND	0.15	1.00	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.19	1.00	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.24	1.00	"	"	"	"	"	"	
Tetryl	ND	0.24	1.00	"	"	"	"	"	"	
Nitrobenzene	ND	0.36	1.00	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.19	1.00	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.18	1.00	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.17	1.00	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.19	1.00	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.36	1.00	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.66	1.00	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.66	1.00	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			98.4 %		70-130	"	"	"	"	

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 New Ullm MN, 56073

Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N7077 CS-36-2-233A**  
**16I0821-11(Solid)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.16	0.89	mg/kg	1	1162633	09/22/06	09/25/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.19	0.89	"	"	"	"	"	"	
RDX	ND	0.13	0.89	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.17	0.89	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.22	0.89	"	"	"	"	"	"	
Tetryl	ND	0.22	0.89	"	"	"	"	"	"	
Nitrobenzene	ND	0.32	0.89	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.17	0.89	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.16	0.89	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.15	0.89	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.17	0.89	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.33	0.89	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.59	0.89	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.59	0.89	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			101 %	70-130	"	"	"	"	"	

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 New Ullm MN, 56073

Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N6995 CS-7-2-106B**  
**1610821-12(Solid)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	0.98	mg/kg	1	1162633	09/22/06	09/25/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.21	0.98	"	"	"	"	"	"	
RDX	ND	0.14	0.98	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.18	0.98	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.24	0.98	"	"	"	"	"	"	
Tetryl	ND	0.24	0.98	"	"	"	"	"	"	
Nitrobenzene	ND	0.35	0.98	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.19	0.98	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.17	0.98	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.16	0.98	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.19	0.98	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.36	0.98	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.65	0.98	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.65	0.98	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			97.8 %		70-130	"	"	"	"	

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Jeffrey King, Ph.D. For Kathy Van Zee, Project Manager



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MVTL Laboratories, Inc. - New Ullm  
 1126 North Front Street, Box 249  
 New Ullm MN, 56073

Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N6998 CS-10-102B4**  
**16I0821-13(Solid)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.17	0.94	mg/kg	1	1162633	09/22/06	09/26/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.20	0.94	"	"	"	"	"	"	
RDX	ND	0.14	0.94	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.17	0.94	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.23	0.94	"	"	"	"	"	"	
Tetryl	ND	0.23	0.94	"	"	"	"	"	"	
Nitrobenzene	ND	0.34	0.94	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.18	0.94	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.17	0.94	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.16	0.94	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.18	0.94	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.34	0.94	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.62	0.94	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.62	0.94	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			97.9 %	70-130		"	"	"	"	

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 1126 North Front Street, Box 249  
 New Ullm MN, 56073

Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N7265 CS-58-237K**  
**1610857-01(Solid)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	0.96	mg/kg	1	1162037	09/20/06	09/22/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.20	0.96	"	"	"	"	"	"	
RDX	ND	0.14	0.96	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.18	0.96	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.23	0.96	"	"	"	"	"	"	
Tetryl	ND	0.23	0.96	"	"	"	"	"	"	
Nitrobenzene	ND	0.34	0.96	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.18	0.96	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.17	0.96	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.16	0.96	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.18	0.96	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.35	0.96	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.63	0.96	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.63	0.96	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			101 %	70-130	"	"	"	"	"	

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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N7266 CS-59-235A**  
**1610857-02(Solid)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	0.97	mg/kg	1	1162037	09/20/06	09/22/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.21	0.97	"	"	"	"	"	"	
RDX	ND	0.14	0.97	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.18	0.97	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.24	0.97	"	"	"	"	"	"	
Tetryl	ND	0.24	0.97	"	"	"	"	"	"	
Nitrobenzene	ND	0.35	0.97	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.18	0.97	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.17	0.97	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.16	0.97	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.19	0.97	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.35	0.97	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.64	0.97	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.64	0.97	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			102 %	70-130		"	"	"	"	

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**N7267 CS-60-228C**  
**1610857-03(Solid)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	0.99	mg/kg	1	1162037	09/20/06	09/22/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.21	0.99	"	"	"	"	"	"	
RDX	ND	0.14	0.99	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.18	0.99	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.24	0.99	"	"	"	"	"	"	
Tetryl	ND	0.24	0.99	"	"	"	"	"	"	
Nitrobenzene	ND	0.35	0.99	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.19	0.99	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.18	0.99	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.16	0.99	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.19	0.99	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.36	0.99	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.66	0.99	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.66	0.99	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			106 %	70-130		"	"	"	"	

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**N7269 CS-62-1-236B**  
**16I0857-04(Solid)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	0.99	mg/kg	1	1162037	09/20/06	09/22/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.21	0.99	"	"	"	"	"	"	
RDX	ND	0.14	0.99	"	"	"	"	"	"	
1,3-Dinitrobenzene	ND	0.18	0.99	"	"	"	"	"	"	
2,4,6-Trinitrotoluene	ND	0.24	0.99	"	"	"	"	"	"	
Tetryl	ND	0.24	0.99	"	"	"	"	"	"	
Nitrobenzene	ND	0.35	0.99	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.19	0.99	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.18	0.99	"	"	"	"	"	"	
2-Amino-4,6-Dinitrotoluene	ND	0.16	0.99	"	"	"	"	"	"	
4-Amino-2,6-Dinitrotoluene	ND	0.19	0.99	"	"	"	"	"	"	
3-Nitrotoluene	ND	0.36	0.99	"	"	"	"	"	"	
2-Nitrotoluene	ND	0.66	0.99	"	"	"	"	"	"	
4-Nitrotoluene	ND	0.66	0.99	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dinitrobenzene</i>			102 %	70-130	"	"	"	"	"	

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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**N7271 CS-63-269B**  
**1610857-05(Solid)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Keystone Laboratories, Inc. - Newton

**Determination of Nitroaromatic & Explosive Compounds**

HMX	ND	0.18	1.00	mg/kg	1	1162037	09/20/06	09/22/06	EPA 8330	
1,3,5-Trinitrobenzene	ND	0.21	1.00	"	"	"	"	"	"	"
RDX	ND	0.15	1.00	"	"	"	"	"	"	"
1,3-Dinitrobenzene	ND	0.19	1.00	"	"	"	"	"	"	"
2,4,6-Trinitrotoluene	ND	0.24	1.00	"	"	"	"	"	"	"
Tetryl	ND	0.24	1.00	"	"	"	"	"	"	"
Nitrobenzene	ND	0.36	1.00	"	"	"	"	"	"	"
2,4-Dinitrotoluene	ND	0.19	1.00	"	"	"	"	"	"	"
2,6-Dinitrotoluene	ND	0.18	1.00	"	"	"	"	"	"	"
2-Amino-4,6-Dinitrotoluene	ND	0.17	1.00	"	"	"	"	"	"	"
4-Amino-2,6-Dinitrotoluene	ND	0.19	1.00	"	"	"	"	"	"	"
3-Nitrotoluene	ND	0.37	1.00	"	"	"	"	"	"	"
2-Nitrotoluene	ND	0.66	1.00	"	"	"	"	"	"	"
4-Nitrotoluene	ND	0.66	1.00	"	"	"	"	"	"	"
<i>Surrogate: 1,2-Dinitrobenzene</i>			102 %	70-130	"	"	"	"	"	"

Keystone Laboratories, Inc. - Newton

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Jeffrey King, Ph.D. For Kathy Van Zee, Project Manager





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 1126 North Front Street, Box 249  
 New Ulm MN, 56073

Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**Determination of Nitroaromatic & Explosive Compounds - Quality Control**

**Keystone Laboratories, Inc. - Newton**

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 16I1804 - 1I61807**

**Calibration Check (16I1804-CCV1)**

Prepared: 09/13/06 Analyzed: 09/14/06

Surrogate: 1,2-Dinitrobenzene	1.92			ug/l	2.00		96.0	85-115			
HMX	2.2			"	2.00		110	85-115			
1,3,5-Trinitrobenzene	2.1			"	2.00		105	85-115			
RDX	2.0			"	2.00		100	85-115			
1,3-Dinitrobenzene	1.9			"	2.00		95.0	85-115			
2,4,6-Trinitrotoluene	2.0			"	2.00		100	85-115			
Tetryl	1.7			"	2.00		85.0	85-115			
Nitrobenzene	1.8			"	2.00		90.0	85-115			
2,4-Dinitrotoluene	1.9			"	2.00		95.0	85-115			
2,6-Dinitrotoluene	2.0			"	2.00		100	85-115			
2-Amino-4,6-Dinitrotoluene	2.1			"	2.00		105	85-115			
4-Amino-2,6-Dinitrotoluene	2.2			"	2.00		110	85-115			
3-Nitrotoluene	1.8			"	2.00		90.0	85-115			
2-Nitrotoluene	1.8			"	2.00		90.0	85-115			
4-Nitrotoluene	1.9			"	2.00		95.0	85-115			

**Calibration Check (16I1804-CCV2)**

Prepared: 09/13/06 Analyzed: 09/15/06

Surrogate: 1,2-Dinitrobenzene	1.94			ug/l	2.00		97.0	85-115			
HMX	2.2			"	2.00		110	85-115			
1,3,5-Trinitrobenzene	2.0			"	2.00		100	85-115			
RDX	2.0			"	2.00		100	85-115			
1,3-Dinitrobenzene	2.0			"	2.00		100	85-115			
2,4,6-Trinitrotoluene	2.0			"	2.00		100	85-115			

Keystone Laboratories, Inc. - Newton

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 New Ullm MN, 56073

Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**Determination of Nitroaromatic & Explosive Compounds - Quality Control**

**Keystone Laboratories, Inc. - Newton**

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 16I1804 - 1I61807**

**Calibration Check (16I1804-CCV2)**

Prepared: 09/13/06 Analyzed: 09/15/06

Tetryl	0.9			ug/l	2.00		45.0	85-115			QR-05
Nitrobenzene	2.0			"	2.00		100	85-115			
2,4-Dinitrotoluene	1.9			"	2.00		95.0	85-115			
2,6-Dinitrotoluene	2.0			"	2.00		100	85-115			
2-Amino-4,6-Dinitrotoluene	2.0			"	2.00		100	85-115			
4-Amino-2,6-Dinitrotoluene	2.3			"	2.00		115	85-115			
3-Nitrotoluene	1.8			"	2.00		90.0	85-115			
2-Nitrotoluene	1.9			"	2.00		95.0	85-115			
4-Nitrotoluene	1.9			"	2.00		95.0	85-115			

**Batch 16I2015 - 1I62027**

**Calibration Check (16I2015-CCV1)**

Prepared & Analyzed: 09/19/06

Surrogate: 1,2-Dinitrobenzene	1.87			ug/l	2.00		93.5	85-115			
HMX	2.2			"	2.00		110	85-115			
1,3,5-Trinitrobenzene	2.0			"	2.00		100	85-115			
RDX	2.0			"	2.00		100	85-115			
1,3-Dinitrobenzene	1.9			"	2.00		95.0	85-115			
2,4,6-Trinitrotoluene	2.0			"	2.00		100	85-115			
Tetryl	1.8			"	2.00		90.0	85-115			
Nitrobenzene	1.9			"	2.00		95.0	85-115			
2,4-Dinitrotoluene	1.8			"	2.00		90.0	85-115			
2,6-Dinitrotoluene	2.1			"	2.00		105	85-115			
2-Amino-4,6-Dinitrotoluene	2.0			"	2.00		100	85-115			
4-Amino-2,6-Dinitrotoluene	2.3			"	2.00		115	85-115			

Keystone Laboratories, Inc. - Newton

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Jeffrey King, Ph.D. For Kathy Van Zee, Project Manager



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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**Determination of Nitroaromatic & Explosive Compounds - Quality Control**

**Keystone Laboratories, Inc. - Newton**

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 16I2015 - 1I62027**

**Calibration Check (16I2015-CCV1)**

Prepared & Analyzed: 09/19/06

3-Nitrotoluene	1.8			ug/l	2.00		90.0	85-115			
2-Nitrotoluene	1.8			"	2.00		90.0	85-115			
4-Nitrotoluene	1.9			"	2.00		95.0	85-115			

**Batch 16I2503 - 1I62037**

**Calibration Check (16I2503-CCV1)**

Prepared & Analyzed: 09/21/06

Surrogate: 1,2-Dinitrobenzene	1.87			mg/kg	2.00		93.5	85-115			
HMX	2.16			"	2.00		108	85-115			
1,3,5-Trinitrobenzene	2.03			"	2.00		102	85-115			
RDX	2.00			"	2.00		100	85-115			
1,3-Dinitrobenzene	1.91			"	2.00		95.5	85-115			
2,4,6-Trinitrotoluene	1.96			"	2.00		98.0	85-115			
Tetryl	0.86			"	2.00		43.0	85-115			QR-05
Nitrobenzene	1.97			"	2.00		98.5	85-115			
2,4-Dinitrotoluene	1.87			"	2.00		93.5	85-115			
2,6-Dinitrotoluene	2.01			"	2.00		100	85-115			
2-Amino-4,6-Dinitrotoluene	2.03			"	2.00		102	85-115			
4-Amino-2,6-Dinitrotoluene	2.16			"	2.00		108	85-115			
3-Nitrotoluene	1.78			"	2.00		89.0	85-115			
2-Nitrotoluene	1.74			"	2.00		87.0	85-115			
4-Nitrotoluene	1.85			"	2.00		92.5	85-115			

**Calibration Check (16I2503-CCV2)**

Prepared: 09/21/06 Analyzed: 09/22/06

Surrogate: 1,2-Dinitrobenzene	1.84			mg/kg	2.00		92.0	85-115			
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MVTL Laboratories, Inc. - New Ullm  
 1126 North Front Street, Box 249  
 New Ullm MN, 56073

Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**Determination of Nitroaromatic & Explosive Compounds - Quality Control**

**Keystone Laboratories, Inc. - Newton**

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 1612503 - 1162037**

**Calibration Check (1612503-CCV2)**

Prepared: 09/21/06 Analyzed: 09/22/06

HMX	2.11			mg/kg	2.00		106	85-115			
1,3,5-Trinitrobenzene	1.96			"	2.00		98.0	85-115			
RDX	1.95			"	2.00		97.5	85-115			
1,3-Dinitrobenzene	1.88			"	2.00		94.0	85-115			
2,4,6-Trinitrotoluene	1.90			"	2.00		95.0	85-115			
Tetryl	0.81			"	2.00		40.5	85-115			QR-05
Nitrobenzene	1.77			"	2.00		88.5	85-115			
2,4-Dinitrotoluene	1.80			"	2.00		90.0	85-115			
2,6-Dinitrotoluene	1.96			"	2.00		98.0	85-115			
2-Amino-4,6-Dinitrotoluene	1.97			"	2.00		98.5	85-115			
4-Amino-2,6-Dinitrotoluene	2.28			"	2.00		114	85-115			
3-Nitrotoluene	1.77			"	2.00		88.5	85-115			
2-Nitrotoluene	1.74			"	2.00		87.0	85-115			
4-Nitrotoluene	1.87			"	2.00		93.5	85-115			

**Batch 1612620 - 1162633**

**Calibration Check (1612620-CCV1)**

Prepared & Analyzed: 09/25/06

Surrogate: 1,2-Dinitrobenzene	1.83			mg/kg	2.00		91.5	85-115			
HMX	2.14			"	2.00		107	85-115			
1,3,5-Trinitrobenzene	1.95			"	2.00		97.5	85-115			
RDX	1.91			"	2.00		95.5	85-115			
1,3-Dinitrobenzene	1.88			"	2.00		94.0	85-115			
2,4,6-Trinitrotoluene	1.91			"	2.00		95.5	85-115			
Tetryl	1.36			"	2.00		68.0	85-115			QR-06

Keystone Laboratories, Inc. - Newton

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Jeffrey King, Ph.D. For Kathy Van Zee, Project Manager



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MVTL Laboratories, Inc. - New Ullm  
 1126 North Front Street, Box 249  
 New Ullm MN, 56073

Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**Determination of Nitroaromatic & Explosive Compounds - Quality Control**

**Keystone Laboratories, Inc. - Newton**

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 16I2620 - 1I62633**

**Calibration Check (16I2620-CCV1)**

Prepared & Analyzed: 09/25/06

Nitrobenzene	1.78			mg/kg	2.00		89.0	85-115			
2,4-Dinitrotoluene	1.79			"	2.00		89.5	85-115			
2,6-Dinitrotoluene	1.93			"	2.00		96.5	85-115			
2-Amino-4,6-Dinitrotoluene	2.03			"	2.00		102	85-115			
4-Amino-2,6-Dinitrotoluene	2.19			"	2.00		110	85-115			
3-Nitrotoluene	1.73			"	2.00		86.5	85-115			
2-Nitrotoluene	1.80			"	2.00		90.0	85-115			
4-Nitrotoluene	1.86			"	2.00		93.0	85-115			

**Calibration Check (16I2620-CCV2)**

Prepared: 09/25/06 Analyzed: 09/26/06

<i>Surrogate: 1,2-Dinitrobenzene</i>	1.83			mg/kg	2.00		91.5	85-115			
HMX	2.12			"	2.00		106	85-115			
1,3,5-Trinitrobenzene	1.96			"	2.00		98.0	85-115			
RDX	1.95			"	2.00		97.5	85-115			
1,3-Dinitrobenzene	1.87			"	2.00		93.5	85-115			
2,4,6-Trinitrotoluene	1.89			"	2.00		94.5	85-115			
Tetryl	1.14			"	2.00		57.0	85-115			QR-06
Nitrobenzene	1.75			"	2.00		87.5	85-115			
2,4-Dinitrotoluene	1.80			"	2.00		90.0	85-115			
2,6-Dinitrotoluene	1.92			"	2.00		96.0	85-115			
2-Amino-4,6-Dinitrotoluene	2.00			"	2.00		100	85-115			
4-Amino-2,6-Dinitrotoluene	2.18			"	2.00		109	85-115			
3-Nitrotoluene	1.77			"	2.00		88.5	85-115			
2-Nitrotoluene	1.80			"	2.00		90.0	85-115			

Keystone Laboratories, Inc. - Newton

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Jeffrey King, Ph.D. For Kathy Van Zee, Project Manager



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 New Ulm MN, 56073

Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**Determination of Nitroaromatic & Explosive Compounds - Quality Control**

**Keystone Laboratories, Inc. - Newton**

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 16I2620 - 1I62633**

**Calibration Check (16I2620-CCV2)**

Prepared: 09/25/06 Analyzed: 09/26/06

4-Nitrotoluene	1.88			mg/kg	2.00		94.0	85-115			
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**Batch 1I61807 - EPA 8330**

**Blank (1I61807-BLK1)**

Prepared: 09/13/06 Analyzed: 09/15/06

<i>Surrogate: 1,2-Dinitrobenzene</i>	5.49			mg/kg wet	5.00		110	70-130			
HMX	ND	0.18	1.00	"							
1,3,5-Trinitrobenzene	ND	0.21	1.00	"							
RDX	ND	0.15	1.00	"							
1,3-Dinitrobenzene	ND	0.19	1.00	"							
2,4,6-Trinitrotoluene	ND	0.24	1.00	"							
Tetryl	ND	0.24	1.00	"							
Nitrobenzene	ND	0.36	1.00	"							
2,4-Dinitrotoluene	ND	0.19	1.00	"							
2,6-Dinitrotoluene	ND	0.18	1.00	"							
2-Amino-4,6-Dinitrotoluene	ND	0.17	1.00	"							
4-Amino-2,6-Dinitrotoluene	ND	0.19	1.00	"							
3-Nitrotoluene	ND	0.37	1.00	"							
2-Nitrotoluene	ND	0.66	1.00	"							
4-Nitrotoluene	ND	0.66	1.00	"							

**LCS (1I61807-BS1)**

Prepared: 09/13/06 Analyzed: 09/15/06

<i>Surrogate: 1,2-Dinitrobenzene</i>	5.50			mg/kg wet	5.00		110	70-130			
Tetryl	4.71	0.24	1.00	"	5.00		94.2	70-133		13	
3-Nitrotoluene	5.32	0.37	1.00	"	5.00		106	78-132		14	

Keystone Laboratories, Inc. - Newton

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Jeffrey King, Ph.D. For Kathy Van Zee, Project Manager



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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**Determination of Nitroaromatic & Explosive Compounds - Quality Control**

**Keystone Laboratories, Inc. - Newton**

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 1161807 - EPA 8330**

**LCS (1161807-BS1)**

Prepared: 09/13/06 Analyzed: 09/15/06

2-Nitrotoluene	4.91	0.66	1.00	mg/kg wet	5.00		98.2	84-116		13	
4-Nitrotoluene	5.53	0.66	1.00	"	5.00		111	82-118		14	

**Matrix Spike (1161807-MS1)**

Source: 1610367-01

Prepared: 09/13/06 Analyzed: 09/15/06

<i>Surrogate: 1,2-Dinitrobenzene</i>	5.78			mg/kg dry	5.26		110	70-130			
Tetryl	6.03	0.24	1.00	"	5.26	ND	115	60-140		20	
3-Nitrotoluene	5.26	0.37	1.00	"	5.26	ND	100	60-140		20	
2-Nitrotoluene	5.29	0.66	1.00	"	5.26	ND	101	60-140		20	
4-Nitrotoluene	5.42	0.66	1.00	"	5.26	ND	103	60-140		20	

**Matrix Spike Dup (1161807-MSD1)**

Source: 1610367-01

Prepared: 09/13/06 Analyzed: 09/15/06

<i>Surrogate: 1,2-Dinitrobenzene</i>	5.73			mg/kg dry	5.26		109	70-130			
Tetryl	5.89	0.24	1.00	"	5.26	ND	112	60-140	2.35	20	
3-Nitrotoluene	5.24	0.37	1.00	"	5.26	ND	99.6	60-140	0.381	20	
2-Nitrotoluene	5.15	0.66	1.00	"	5.26	ND	97.9	60-140	2.68	20	
4-Nitrotoluene	5.35	0.66	1.00	"	5.26	ND	102	60-140	1.30	20	

**Batch 1162027 - EPA 8330**

**LCS (1162027-BS1)**

Prepared: 09/18/06 Analyzed: 09/20/06

<i>Surrogate: 1,2-Dinitrobenzene</i>	5.29			mg/kg wet	5.00		106	70-130			
Tetryl	4.23	0.24	1.00	"	5.00		84.6	70-133		13	
3-Nitrotoluene	5.00	0.37	1.00	"	5.00		100	78-132		14	
2-Nitrotoluene	5.02	0.66	1.00	"	5.00		100	84-116		13	
4-Nitrotoluene	5.19	0.66	1.00	"	5.00		104	82-118		14	

Keystone Laboratories, Inc. - Newton

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Jeffrey King, Ph.D. For Kathy Van Zee, Project Manager



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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**Determination of Nitroaromatic & Explosive Compounds - Quality Control**

**Keystone Laboratories, Inc. - Newton**

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 1162027 - EPA 8330**

**Matrix Spike (1162027-MS1)** Source: 1610590-08 Prepared: 09/18/06 Analyzed: 09/20/06

Surrogate: 1,2-Dinitrobenzene	2.64			mg/kg dry	2.30		115	70-130			
Tetryl	5.31	0.22	0.91	"	4.61	ND	115	60-140		20	
3-Nitrotoluene	4.62	0.33	0.91	"	4.61	ND	100	60-140		20	
2-Nitrotoluene	4.50	0.60	0.91	"	4.61	ND	97.6	60-140		20	
4-Nitrotoluene	4.79	0.60	0.91	"	4.61	ND	104	60-140		20	

**Matrix Spike Dup (1162027-MSD1)**

Source: 1610590-08 Prepared: 09/18/06 Analyzed: 09/20/06

Surrogate: 1,2-Dinitrobenzene	2.58			mg/kg dry	2.35		110	70-130			
Tetryl	5.16	0.23	0.93	"	4.69	ND	110	60-140	2.87	20	
3-Nitrotoluene	4.61	0.34	0.93	"	4.69	ND	98.3	60-140	0.217	20	
2-Nitrotoluene	4.77	0.62	0.93	"	4.69	ND	102	60-140	5.83	20	
4-Nitrotoluene	4.74	0.62	0.93	"	4.69	ND	101	60-140	1.05	20	

**Batch 1162037 - EPA 8330**

**Blank (1162037-BLK1)** Prepared: 09/20/06 Analyzed: 09/22/06

Surrogate: 1,2-Dinitrobenzene	5.24			mg/kg	5.00		105	70-130			
HMX	ND	0.18	1.00	"							
1,3,5-Trinitrobenzene	ND	0.21	1.00	"							
RDX	ND	0.15	1.00	"							
1,3-Dinitrobenzene	ND	0.19	1.00	"							
2,4,6-Trinitrotoluene	ND	0.24	1.00	"							
Tetryl	ND	0.24	1.00	"							
Nitrobenzene	ND	0.36	1.00	"							
2,4-Dinitrotoluene	ND	0.19	1.00	"							

Keystone Laboratories, Inc. - Newton

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Jeffrey King, Ph.D. For Kathy Van Zee, Project Manager





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Project: Explosives  
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 Project Manager: Mary Lade

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 10/12/06 10:35

**Determination of Nitroaromatic & Explosive Compounds - Quality Control**

**Keystone Laboratories, Inc. - Newton**

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 1162037 - EPA 8330**

**Blank (1162037-BLK1)**

Prepared: 09/20/06 Analyzed: 09/22/06

2,6-Dinitrotoluene	ND	0.18	1.00	mg/kg							
2-Amino-4,6-Dinitrotoluene	ND	0.17	1.00	"							
4-Amino-2,6-Dinitrotoluene	ND	0.19	1.00	"							
3-Nitrotoluene	ND	0.37	1.00	"							
2-Nitrotoluene	ND	0.66	1.00	"							
4-Nitrotoluene	ND	0.66	1.00	"							

**LCS (1162037-BS1)**

Prepared: 09/20/06 Analyzed: 09/22/06

<i>Surrogate: 1,2-Dinitrobenzene</i>	5.03			mg/kg	5.00		101	70-130			
Tetryl	5.38	0.24	1.00	"	5.00		108	60-140		20	
3-Nitrotoluene	5.02	0.37	1.00	"	5.00		100	60-140		20	
2-Nitrotoluene	4.96	0.66	1.00	"	5.00		99.2	60-140		20	
4-Nitrotoluene	5.13	0.66	1.00	"	5.00		103	60-140		20	

**Matrix Spike (1162037-MS1)**

Source: 1610821-02

Prepared: 09/20/06 Analyzed: 09/22/06

<i>Surrogate: 1,2-Dinitrobenzene</i>	4.95			mg/kg	4.81		103	70-130			
Tetryl	3.80	0.23	0.96	"	4.81	ND	79.0	60-140		20	
3-Nitrotoluene	4.60	0.35	0.96	"	4.81	ND	95.6	60-140		20	
2-Nitrotoluene	4.72	0.64	0.96	"	4.81	ND	98.1	60-140		20	
4-Nitrotoluene	4.94	0.64	0.96	"	4.81	ND	103	60-140		20	

**Matrix Spike Dup (1162037-MSD1)**

Source: 1610821-02

Prepared: 09/20/06 Analyzed: 09/22/06

<i>Surrogate: 1,2-Dinitrobenzene</i>	5.09			mg/kg	4.88		104	70-130			
Tetryl	3.90	0.24	0.98	"	4.88	ND	79.9	60-140	2.60	20	
3-Nitrotoluene	4.86	0.36	0.98	"	4.88	ND	99.6	60-140	5.50	20	

Keystone Laboratories, Inc. - Newton

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Jeffrey King, Ph.D. For Kathy Van Zee, Project Manager



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Project: Explosives  
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**Determination of Nitroaromatic & Explosive Compounds - Quality Control**

**Keystone Laboratories, Inc. - Newton**

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 1162037 - EPA 8330**

**Matrix Spike Dup (1162037-MSD1)**

Source: 1610821-02

Prepared: 09/20/06 Analyzed: 09/22/06

2-Nitrotoluene	4.98	0.65	0.98	mg/kg	4.88	ND	102	60-140	5.36	20	
4-Nitrotoluene	5.07	0.65	0.98	"	4.88	ND	104	60-140	2.60	20	

**Batch 1162633 - EPA 8330**

**Blank (1162633-BLK1)**

Prepared: 09/22/06 Analyzed: 09/26/06

Surrogate: 1,2-Dinitrobenzene	5.01			mg/kg	5.00		100	70-130			
HMX	ND	0.18	1.00	"							
1,3,5-Trinitrobenzene	ND	0.21	1.00	"							
RDX	ND	0.15	1.00	"							
1,3-Dinitrobenzene	ND	0.19	1.00	"							
2,4,6-Trinitrotoluene	ND	0.24	1.00	"							
Tetryl	ND	0.24	1.00	"							
Nitrobenzene	ND	0.36	1.00	"							
2,4-Dinitrotoluene	ND	0.19	1.00	"							
2,6-Dinitrotoluene	ND	0.18	1.00	"							
2-Amino-4,6-Dinitrotoluene	ND	0.17	1.00	"							
4-Amino-2,6-Dinitrotoluene	ND	0.19	1.00	"							
3-Nitrotoluene	ND	0.37	1.00	"							
2-Nitrotoluene	ND	0.66	1.00	"							
4-Nitrotoluene	ND	0.66	1.00	"							

**LCS (1162633-BS1)**

Prepared: 09/22/06 Analyzed: 09/26/06

Surrogate: 1,2-Dinitrobenzene	4.85			mg/kg	5.00		97.0	70-130			
Tetryl	4.69	0.24	1.00	"	5.00		93.8	60-140		20	

Keystone Laboratories, Inc. - Newton

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 New Ullm MN, 56073

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**Determination of Nitroaromatic & Explosive Compounds - Quality Control**

**Keystone Laboratories, Inc. - Newton**

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 1162633 - EPA 8330**

**LCS (1162633-BS1)**

Prepared: 09/22/06 Analyzed: 09/26/06

3-Nitrotoluene	4.78	0.37	1.00	mg/kg	5.00		95.6	60-140		20	
2-Nitrotoluene	4.84	0.66	1.00	"	5.00		96.8	60-140		20	
4-Nitrotoluene	5.10	0.66	1.00	"	5.00		102	60-140		20	

**Matrix Spike (1162633-MS1)**

Source: 1610821-13

Prepared: 09/22/06 Analyzed: 09/26/06

Surrogate: 1,2-Dinitrobenzene	4.67			mg/kg	4.78		97.7	70-130			
Tetryl	ND	0.23	0.96	"	4.78	ND		60-140		20	QM-05
3-Nitrotoluene	4.63	0.35	0.96	"	4.78	ND	96.9	60-140		20	
2-Nitrotoluene	4.59	0.63	0.96	"	4.78	ND	96.0	60-140		20	
4-Nitrotoluene	4.88	0.63	0.96	"	4.78	ND	102	60-140		20	

**Matrix Spike Dup (1162633-MSD1)**

Source: 1610821-13

Prepared: 09/22/06 Analyzed: 09/26/06

Surrogate: 1,2-Dinitrobenzene	4.75			mg/kg	4.98		95.4	70-130			
Tetryl	ND	0.24	1.00	"	4.98	ND		60-140		20	QR-05
3-Nitrotoluene	4.66	0.36	1.00	"	4.98	ND	93.6	60-140	0.646	20	
2-Nitrotoluene	4.59	0.66	1.00	"	4.98	ND	92.2	60-140	0.00	20	
4-Nitrotoluene	4.93	0.66	1.00	"	4.98	ND	99.0	60-140	1.02	20	

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Jeffrey King, Ph.D. For Kathy Van Zee, Project Manager



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Project: Explosives  
 Project Number: 16069.01  
 Project Manager: Mary Lade

Reported:  
 10/12/06 10:35

**Determination of Conventional Chemistry Parameters - Quality Control**

**Keystone Laboratories, Inc. - Newton**

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 1161115 - Wet Chem Preparation**

**Duplicate (1161115-DUP1)** Source: 1610359-07 Prepared: 09/11/06 Analyzed: 09/12/06

% Solids	96.0	0.1	0.1	%		96.2			0.208	20	
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**Batch 1161319 - Wet Chem Preparation**

**Duplicate (1161319-DUP1)** Source: 1610367-07 Prepared: 09/13/06 Analyzed: 09/14/06

% Solids	95.8	0.1	0.1	%		96.1			0.313	20	
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**Duplicate (1161319-DUP2)** Source: 1610437-10 Prepared: 09/13/06 Analyzed: 09/14/06

% Solids	13.0	0.1	0.1	%		12.9			0.772	20	
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**Batch 1161901 - Wet Chem Preparation**

**Duplicate (1161901-DUP1)** Source: 1610590-01 Prepared: 09/19/06 Analyzed: 09/20/06

% Solids	87.0	0.1	0.1	%		87.1			0.115	20	
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**Duplicate (1161901-DUP2)** Source: 1610671-07 Prepared: 09/19/06 Analyzed: 09/20/06

% Solids	82.1	0.1	0.1	%		82.5			0.486	20	
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**Duplicate (1161901-DUP3)** Source: 1610736-04 Prepared: 09/19/06 Analyzed: 09/20/06

% Solids	83.7	0.1	0.1	%		83.5			0.239	20	
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Keystone Laboratories, Inc. - Newton

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Jeffrey King, Ph.D. For Kathy Van Zee, Project Manager



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Project: Explosives  
Project Number: 16069.01  
Project Manager: Mary Lade

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### Notes and Definitions

- S-07 The surrogate recovery for this sample is outside of established control limits.
- QR-06 The reference standard was outside of established control limits.
- QR-05 The reference standard was outside of established control limits. The batch was accepted based on acceptable LCS, MS/MSD and RPD results.
- QM-05 The spike recovery and/or RPD was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
- J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference