

MEMORANDUM FOR Commander, U.S. Army Engineer District, Omaha, ATTN:  
CENWO-PM-H (Hector Santiago), 106 S. 15<sup>th</sup> Street, Omaha, NE 68102

SUBJECT: Laboratory Assessment of SpecPro, Inc. Environmental Service Division, Badger Army Ammunition Plant, Baraboo, WI, Contract No. DACA45-96-D-00007, DO#s 24, 47

1. This correspondence addresses the recent laboratory assessment of SpecPro, Inc. Environmental Service Division, Badger Army Ammunition Plant, Baraboo, WI, by the USACE HTRW Center of Expertise for compliance with the DOD QSM Policy (9/30/2005). Technical assistance was requested by your office, via formal request, to support the evaluation of the Self-Declaration Form and supporting documentation submitted to you by the laboratory dated November 24, 2004.

2. The laboratory was assessed for the parameters listed below:

METHOD <sup>(1)</sup>	PARAMETER	MATRIX <sup>(2)</sup>	STATUS
3005A/3010A/6010B/7000As	TAL Metals <sup>(3)</sup>	Water <sup>(4)</sup>	Acceptable
3050B/6010B/7000As	TAL Metals <sup>(3)</sup>	Solids <sup>(4)</sup>	Acceptable
5030B/8260B	Volatile Organics	Water <sup>(4)</sup>	Acceptable
3510C/8270C	Semivolatile Organics	Water <sup>(4)</sup>	Acceptable
3550B/8270C	Semivolatile Organics	Solids <sup>(4)</sup>	Acceptable
3510C/8091	2,4- & 2,6-Dinitrotoluene	Water <sup>(4)</sup>	Acceptable
8332	Nitroglycerin	Water <sup>(5)</sup>	Acceptable
8332	Nitroglycerin	Solids <sup>(5)</sup>	Acceptable

- Remarks:
- 1) Analytical methods include sample preparation and measurement methods.
  - 2) "Water" includes surface, ground, and waste water, and "Solids" includes soils, sediments, and solid waste.
  - 3) TAL Metals: Aluminum, antimony, arsenic, barium, beryllium, cadmium, calcium, chromium, cobalt, copper, iron, lead, magnesium, manganese, mercury, nickel, potassium, selenium, silver, sodium, thallium, vanadium, and zinc.
  - 4) The laboratory has successfully analyzed a Proficiency Testing (PT) sample for this method/matrix.
  - 5) Approval status for this parameter is based on review of laboratory's SOPs and performance data only.

3. Enclosed for your information and use is a copy of the Laboratory Inspection and Evaluation Report. The laboratory has been provided a copy of the On-Site Inspection Report, and has responded to the deficiencies as noted in the report with an acceptable corrective action plan (also enclosed). It is your responsibility to provide final correspondence to the laboratory

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regarding their DOD QSM Compliance, and to determine ongoing compliance on an annual basis, in accordance with your project needs for analytical capacity, and associated business processes prescribed in the HQ policy letter. This laboratory assessment is not considered valid beyond two years from the date of this letter. You are also urged to forward a copy of this correspondence to appropriate Project Management staff for their files. A record of this assessment will be posted on our website so that other USACE Districts can be apprised.

4. Based on acceptable past performance, successful analysis of NELAC PTs, and evaluation of all supporting documentation, this laboratory has been determined to be compliant with the DOD Quality Systems Manual for Environmental Laboratories, Version 2, for methods and matrices shown in paragraph 2.

5. Any questions or comments can be directed to Chung-Rei Mao at (402) 697-2570.

Encl  
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MARCIA C. DAVIES, Ph.D.  
Director, USACE Hazardous,  
Toxic and Radioactive Waste  
Center of Expertise