HSWA LANL 3/1082/16 [R-25]

Los Alamos

Los Alamos National Laboratory
Los Alamos, New Mexico 87545

WATER QUALITY & HYDROLOGY GROUP, ESH-18
FAX TRANSMITTAL SHEET

FAX #: (505) 665-9344 **VERIFICATION #: (505) 665-0453**

DATE: 7-20-99 LOG NO: WQ&H-FAX-99-

FROM: H. Decker PHONE #: 665-2014

TO: J. Young FAX #: 827-1544 PHONE #: 827-1557

ORG: HRMB

TO: J. Kieling FAX #: 827-1544 PHONE #: 827-1557

ORG: HRMB

TO: FAX #: PHONE #:

ORG:

MESSAGE: John(s) - here is the data for the R-25 frac tank. I sent both of you an e-mail this morning concerning this data. One thing I left out is the volume of the frac tank. These tanks hold ~ 20,000 gallons, and this is the approximate amount of water in the tank. Thanks! Harvey Decker

NUMBER OF PAGES TO FOLLOW: 2

Cy: WQ&H Fax File

J.D. for ms.
TEAM LEADER OR GROUP LEADER

6179

TL

R-25 Tank FT-200

HPLC Explosives

Method SW8330

Sample Results

Lab Name: Paragon Analytics, Inc.
Work Order Number: 9906078
Client Name: Los Alamos National Laboratory EMC
Client/Project ID: 25TBR

[redacted]
GADV-99-0043
9906078-1

Sample Matrix: WATER
% Moisture: N/A
Date Collected: 09-Jun-99
Date Extracted: 14-Jun-99
Date Analyzed: 25-Jun-99

Prep Batch: LX990614-1
QCBatchID: LX990614-1-1
Run ID: HP990625-1
Cleanup: NONE
Basis: As Received

Sample Aliquot: 350 ML
Final Volume: 1.5 ML
Result Units: UG/L
File Name: 06250012

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	Result Qualifier	EPA Qualifier
2691-41-0	HMX	2	1	1	U	
121-82-4	RDX	2	0.86	0.84		
99-35-4	1,3,5-TRINITROBENZENE	2	0.25	0.25	U	
99-65-0	1,3-DINITROBENZENE	2	0.25	0.25	U	
479-45-8	TETRYL	2	1	1	U	
98-95-3	NITROBENZENE	2	1	1	U	
118-96-7	2,4,6-TRINITROTOLUENE	2	0.25	0.25	U	
1946-51-0	4-AMINO-2,6-DNT	2	0.25	0.25	U	
35572-78-2	2-AMINO-4,6-DNT	2	0.25	0.25	U	
606-20-2	2,6-DINITROTOLUENE	2	0.25	0.25	U	
121-14-2	2,4-DINITROTOLUENE	2	0.25	0.25	U	
88-72-2	2-NITROTOLUENE	2	1	1	U	
99-99-0	4-NITROTOLUENE	2	1	1	U	
99-08-1	3-NITROTOLUENE	2	1	1	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
PA00004	1,4-DINITROBENZENE	2.06		4.29	48	34 - 106

Data Package ID: HP9906078-1

R-25 Tank FT-200

U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

CACV-99-0043

Lab Name: PARAGON_ANALYTICS_____ Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 5680R_

Matrix (soil/water): WATER_

Lab Sample ID: 9906077-1

Level (low/med): LOW__

Date Received: 06/10/99

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_____

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10000		E	P
7440-36-0	Antimony	3.6	U		P
7440-38-2	Arsenic	11.7			P
7440-39-3	Barium	118	B		P
7440-41-7	Beryllium	3.6	B		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	27600			P
7440-47-3	Chromium	12.2			P
7440-48-4	Cobalt	10.0	B		P
7440-50-8	Copper	31.0			P
7439-89-6	Iron	44800		E	P
7439-92-1	Lead	47.0			P
7439-95-4	Magnesium	9880			P
7439-96-5	Manganese	705			P
7439-97-6	Mercury	0.02	U		AV
7440-02-0	Nickel	30.3	B		P
7440-09-7	Potassium	6550		E	P
7782-49-2	Selenium	2.2	U		P
7440-22-4	Silver	0.50	U		P
7440-23-5	Sodium	58000			P
7440-28-0	Thallium	2.2	U		P
7440-62-2	Vanadium	6.8	B		P
7440-66-6	Zinc	159			P

Color Before: BROWN_____ Clarity Before: CLOUDY Texture: N/A___

Color After: LT_BROWN_ Clarity After: CLEAR_ Artifacts: _____

Comments:

FORM I - IN