



# PARAGON ANALYTICS, INC.

225 Commerce Drive ♦ Fort Collins, CO 80524 ♦ (800) 443-1511 ♦ (970) 490-1511 ♦ FAX (970) 490-1522

January 16, 2003

Mr. Robert Krumberger  
New Horizons  
6585 S. Wright St.  
Littleton CO, 80127

RE: Paragon Workorder: 02-12-096  
Client Project Name: CSMRI  
Client Project Number: 2112

Dear Mr. Krumberger:

Three filter samples were received from New Horizons on December 19, 2002. The samples were scheduled for the following analyses:

Isotopic Uranium	pages 1-9
Isotopic Thorium	pages 1-11
226Radium by EPA Method 903.1(m)	pages 1-11

The results for this analysis are contained in the enclosed reports.

Thank you for your confidence in Paragon Analytics, Inc. Should you have any questions, please call.

Sincerely,

Paragon Analytics, Inc.  
Lori Pacheco  
Project Manager

LMP/hc  
Enclosure: Report

# Paragon Analytics, Incorporated

## Sample Number(s) Cross-Reference Table

Paragon OrderNum: 0212096

Client Name: New Horizons

Client Project Name: CSMRI

Client Project Number: 2112

Client PO Number:

Client Sample	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
11072002-2	0212096-1		FILTER	11/7/02	
11062002-1	0212096-2		FILTER	11/6/02	
10312002-2	0212096-3		FILTER	10/31/02	



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**Paragon Analytics, Inc. -- Fort Collins, Colorado**

**CONDITION OF SAMPLE UPON RECEIPT FORM**

CLIENT: New Horizons WORKORDER NO: 0212096

PROJECT MANAGER: Lori Pacheco INITIALS: (LP) DATE: 12/19/02

1. Does this project require any special handling in addition to standard Paragon procedures? <b>IS PRE-SCREENING REQUIRED? (radiochemistry, DOE, etc.)</b>	Yes	<input type="radio"/> No
2. Are custody seals on shipping containers intact? How many custody seals are provided? _____	<input type="radio"/> N/A	Yes <input type="radio"/> No
3. Are the custody seals on sample containers intact?	<input type="radio"/> N/A	Yes <input type="radio"/> No
4. Is there a Chain-of-Custody (COC) or other representative documents, letters, or shipping memos?	<input type="radio"/> Yes	<input type="radio"/> No
5. Is the COC complete? Relinquished: Yes <input checked="" type="checkbox"/> No ___ Analyses Requested: Yes <input checked="" type="checkbox"/> No ___	N/A	<input type="radio"/> Yes <input type="radio"/> No
6. Is the COC in agreement with the samples received? No. of Samples: Yes <input checked="" type="checkbox"/> No ___ Sample ID's: Yes <input checked="" type="checkbox"/> No ___ Matrix: Yes <input checked="" type="checkbox"/> No ___ No. of Containers: Yes <input checked="" type="checkbox"/> No ___	N/A	<input type="radio"/> Yes <input type="radio"/> No
7. Were COC (if applicable) and sample labels legible?	<input type="radio"/> Yes	<input type="radio"/> No
8. Were airbills present and/or removable?	N/A	<input type="radio"/> Yes <input type="radio"/> No
9. Are all aqueous samples requiring chemical preservation preserved correctly (excluding volatile organics)? Are all aqueous <b>non-preserved</b> samples at the correct pH?	<input type="radio"/> N/A	Yes <input type="radio"/> No
10. Is there enough sample for requested analyses? If so, were samples placed in the proper containers?	<input type="radio"/> Yes	<input type="radio"/> No
11. Are all samples within holding times for the requested analyses?	<input type="radio"/> Yes	<input type="radio"/> No
12. Were all sample containers received intact? (not broken or leaking, etc.)	<input type="radio"/> Yes	<input type="radio"/> No
13. Are samples requiring no headspace (volatiles, reactive cyanide/sulfide, radon), headspace free? <b>Size of bubble: ___ &lt; green pea; ___ &gt; green pea</b> (List sample IDs and affected containers on Page 2)	<input type="radio"/> N/A	Yes <input type="radio"/> No
14. Were samples checked for and free from the presence of residual chlorine?	<input type="radio"/> N/A	Yes <input type="radio"/> No
15. Were the sample(s) shipped on ice?	<input type="radio"/> N/A	Yes <input type="radio"/> No
16. Were cooler temperatures measured at 0.1 - 6 °C? <b>IR Gun Used*: 1 2</b>	<input type="radio"/> N/A	Yes <input type="radio"/> No
17. Were all samples cooled that should have been cooled?	<input type="radio"/> N/A	Yes <input type="radio"/> No

Cooler #'s 1  
 Temperature Ambient (Rad Only) °C  
 Project Manager Signature / Date: LP 12/20/02

A NO RESPONSE TO ANY QUESTION EXCEPT # 1 REQUIRES THE COMPLETION OF PAGE 2 OF THIS FORM

\* IR Gun #1 (original): Raytek, SN SC-PM3/T29403  
 IR Gun #2 (newer): Oakton, SN 2SCIR1201

**FedEx** Express  
Form ID No. 0200

035362046084

1 From  
Date 12/12/02

Sender's Name Robert K. Longenecker  
Phone 303 617-1655

Company New Horizons  
Address 1583 S. Wright St.  
City Littleton State CO ZIP 80127

2 Your Internal Billing Reference 2112

3 To Recipient's Name  
Company  
Address  
City Littleton State CO ZIP 80127

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City Littleton State CO ZIP 80127

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City Littleton State CO ZIP 80127

Form ID No. 0200

4a Express Package Service  
FedEx Standard Overnight  
FedEx First Overnight  
FedEx 2Day Freight  
FedEx 3Day Freight

4b Express Freight Service  
FedEx 2Day  
FedEx 3Day  
FedEx 4Day  
FedEx 5Day

5 Packaging  
FedEx Pak  
FedEx Envelope  
Other

6 Special Handling  
SATURDAY Delivery  
HOLD Saturday at FedEx Location  
HOLD Saturday at FedEx Location  
HOLD Saturday at FedEx Location

7 Payment Bill to  
Sender  
Recipient  
Third Party  
Credit Card  
Cash/Check

Total Packages  
Total Weight  
Total Declared Value  
Total Charges

Release Signature  
446

By signing you authorize us to release this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

Questions? Visit our Web site at [fedex.com](http://fedex.com)

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1583 S. Wright St.  
Littleton, CO 80127

303 617-1655

12/12/02

Robert K. Longenecker

Signature