



PARAGON ANALYTICS

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

June 21, 2004

Ms. Sally Cuffin
New Horizons
6585 S. Wright St.
Littleton, CO 80127

Re: Paragon Workorder: 04-05-025
Client Project Name: CSMRI
Client Project Number: 2135

Dear Ms. Cuffin:

Seven soil samples were received from New Horizons on May 4, 2004. The samples were scheduled for the following analyses:

Isotopic Thorium	pages 1-12	Gamma Spectroscopy	pages 1-44
Isotopic Uranium	pages 1-12	Lead-210 by Liquid Scintillation	pages 1-14
Isotopic Polonium	pages 1-13		

The results for these analyses 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
Debbie Fazio
Project Manager

DJF/ja
Enclosure: Report

Paragon Analytics

Sample Number(s) Cross-Reference Table

Paragon OrderNum: 0405025

Client Name: New Horizons

Client Project Name: CSMRI

Client Project Number: 2135

Client PO Number:

Client Sample	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
IC1001	0405025-1		SOIL	29-Apr-04	10:00
IC1001	0405025-2		SOIL	29-Apr-04	10:00
IC1002	0405025-3		SOIL	29-Apr-04	10:10
IC1002	0405025-4		SOIL	29-Apr-04	10:10
IC1003	0405025-5		SOIL	29-Apr-04	10:15
IC1003	0405025-6		SOIL	29-Apr-04	10:15
KC1004	0405025-7		SOIL	29-Apr-04	14:00
KC1004	0405025-8		SOIL	29-Apr-04	14:00
IC1005	0405025-9		SOIL	03-May-04	10:25
IC1005	0405025-10		SOIL	03-May-04	10:25
IC1006	0405025-11		SOIL	03-May-04	11:12
IC1006	0405025-12		SOIL	03-May-04	11:12
IC1007	0405025-13		SOIL	03-May-04	11:29
IC1007	0405025-14		SOIL	03-May-04	11:29



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Paragon Analyticals, Inc.

Accession Number (LAB ID) 0405025

Chain-of-Custody Date 5/4/04 Page 1 of 1

Project Name / No.: CSMRI / 2135 Sampler(s): See Comments Turnaround: Standard of Rush (Due) Dispose or Return to Client: Alphax Spec (Right in Lab - 238)

Report To: Sally Cuffin
 Phone: 303-995-3590
 Fax: 303-973-8906 (Call first)
 Company: New Horizons Environmental
 Address: Consultants
21 Dawn Health Drive
Littleton, CO 80127

Sample ID	Date	Time*	Lab ID	Matrix	No. of Containers	VOCS	BTEX (only)	SVOCs	OC Pesticides	PCBS	OP Pesticides	Herbicides	TCLP Organics	TCLP Metals	Total Metals	Dissolved Metals	Reactive CN / S	Hexavalent Chromium	Inorganic Anions **	pH	Oil & Grease	TPH	TOX	Gross Alpha / Beta	Actinides by PAI SOP (circle)	Tritium	Total Alpha-Emitting Radium	Radium 226	Strontium 90	Gamma Isotopes **	
IC1001	5/27/04	1000	125	2																											
IC1002	5/27/04	1010	34	2																											
IC1003	5/27/04	1015	56	2																											
KC1004	5/27/04	1400	78	2																											
IC1005	5/31/04	1025	90	2																											
IC1006	5/31/04	1112	142	2																											
IC1007	5/31/04	1129	134	2																											

Relinquished By: Sally Cuffin (1)
 Signature: Sally Cuffin
 Printed Name: Sally Cuffin
 Date: 5/4/04 Time: 1445
 Company: NHES

Received By: Frank Ogata (2)
 Signature: Frank Ogata
 Printed Name: Frank Ogata
 Date: 5/4/04 Time: 1530
 Company: NHES

Comments:
 * Frank Ogata
 Drew Pitzer
 George Trip

CONDITION OF SAMPLE UPON RECEIPT FORM

CLIENT: New Horizons WORKORDER NO: 0405025

PROJECT MANAGER: DF INITIALS: DF DATE: 5-4-04

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

Cooler #'s

Temperature Ambient ° C

Project Manager Signature / Date: Debbie Figlio 5/5/04

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