



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: 04-04-284
Client Project Name: CSMRI
Client Project Number: 2135

Dear Ms. Cuffin:

Three soil samples were received from New Horizons on April 28, 2004. The samples were scheduled for the following analyses:

Isotopic Thorium	pages 1-11	Isotopic Polonium	pages 1-7
Isotopic Uranium	pages 1- 13	Lead-210 by Liquid Scintillation	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: 0404284

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
Area I Bottom	0404284-1		SOIL	27-Apr-04	11:30
Area K Bottom	0404284-2		SOIL	28-Apr-04	11:45
H-10-2	0404284-3		SOIL	26-Apr-04	14:25



Paragon Analytics, Inc.

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

Rest TCLP

Accession Number (LAB ID)

Chain-of-Custody

Date

Page 1 of 1

Project Name / No.: CSRR / 2135 Sample(s): 1 Turnaround (Standard) of Rush (Due) Dispose or Return to Client

Report To: Sally Cuffin
Phone: 303 6995-3590
Fax: 303-973-8906 (call first)
Company: New Horizons Environmental
Address: 21 Dawn Health Drive
Littleton, CO 80127

circle method or specify under comments

Sample ID	Date	Time	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) Pu / U / Am / Th / Cm	Total Uranium by KPA D5174-91	Tritium	Total Alpha-Emitting Radium	Radium 226 SW9315 E903.0	Strontium 90 D5811-95	Gamma Isotopes ** E901.1
Area I Bottom	4/21/04	1130	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Area K Bottom	4/21/04	1145	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Area J Exc	4/28/04	1130	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
H-10-2	4/21/04	1425	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

Comments:

* Dave Barnes
Efrain Aguilar
Jack Todor
** Add tin if possible

* Rad Chem analyses only
(Boggy) any 12/10/04

Relinquished By: Signature _____ Printed Name _____ Date _____ Time _____ Company _____	Relinquished By: Signature _____ Printed Name _____ Date _____ Time _____ Company _____
Received By: Signature _____ Printed Name _____ Date _____ Time _____ Company _____	Received By: Signature _____ Printed Name _____ Date _____ Time _____ Company _____

* Time Zone (circle one): EST CST MST PST

** Indicate specific analytes under comments.

Distribution: white / yellow (Paragon); pink retained by originator.

Paragon Analytics, Inc. -- Fort Collins, Colorado

CONDITION OF SAMPLE UPON RECEIPT FORM

CLIENT: New Horizons WORKORDER NO: 0404284

PROJECT MANAGER: Deb Fazio INITIALS: DF DATE: 4/29/04

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>1</u>	N/A	<u>Yes</u>	No
3. Are the custody seals on sample containers intact?	<u>N/A</u>	Yes	No
4. Is there a Chain-of-Custody (COC) or other representative documents, letters, or shipping memos?		<u>Yes</u>	No
5. Is the COC complete? Relinquished: Yes <u>✓</u> No <u> </u> Analyses Requested: Yes <u>✓</u> No <u> </u>	N/A	<u>Yes</u>	No
6. Is the COC in agreement with the samples received? No. of Samples: Yes <u>✓</u> No <u> </u> Sample ID's: Yes <u>✓</u> No <u> </u> Matrix: Yes <u>✓</u> No <u> </u> No. of Containers: Yes <u>✓</u> No <u> </u>	N/A	<u>Yes</u>	No
7. Were COC (if applicable) and sample labels legible?		<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	No
10. Is there enough sample for requested analyses? If so, were samples placed in the proper containers?		<u>Yes</u>	No
11. Are all samples within holding times for the requested analyses?		<u>Yes</u>	No
12. Were all sample containers received intact? (not broken or leaking, etc.)		<u>Yes</u>	No
13. Are samples requiring no headspace (volatiles, reactive cyanide/sulfide, radon), headspace free? Size of bubble: <u> </u> < green pea; <u> </u> > green pea (List sample IDs and affected containers on Page 2)	<u>N/A</u>	Yes	No
14. Were samples checked for and free from the presence of residual chlorine?	<u>N/A</u>	Yes	No
15. Were the sample(s) shipped on ice?	<u>N/A</u>	Yes	No
16. Were cooler temperatures measured at 0.1 - 6 °C? IR Gun Used*: 1 2	<u>N/A</u>	Yes	No
17. Were all samples cooled that should have been cooled?	<u>N/A</u>	Yes	No

Cooler #'s 1
Temperature Ambient °C

Project Manager Signature / Date: Debbie Fazio 4/30/04

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