



METRO

Contract No. 925178

PERSONAL SERVICES AGREEMENT

THIS AGREEMENT is between Metro, a metropolitan service district organized under the laws of the State of Oregon and the Metro Charter, located at 600 NE Grand Avenue, Portland, OR 97232-2736, and North Creek Analytical, 9405 SW Nimbus, Beaverton, OR 97008, referred to herein as "Contractor".

In exchange for the promises and other consideration set forth below, the parties agree as follows:

- Duration:** This personal services Agreement shall be effective August 6, 2003, and shall remain in effect until and including Sept. 30, 2003, unless terminated or extended as provided in this Agreement.
- Payment:** Metro shall pay Contractor for services performed in the amount of/not to exceed (written amount) Two thousand two hundred and no/100 and XXX /100 Dollars (\$ 2,200.00).
- Terms:** Payment for services will be made in the manner: lump sum (lump sum, monthly installments, progress payments, etc.). *Payment to be made within 30 days of receipt of an approved invoice.*
- Scope of Work:** Contractor shall provide all services and materials specified below which is incorporated into this Agreement by reference. All services and materials shall be provided by Contractor in accordance with the Scope of Work in a competent and professional manner.

Scope of Work: (attach additional pages as needed)
 Provide analytical services including testing of soil for metals, pesticides and SVOCs as shown on the attached quotation. Turnaround time not to exceed 10 days from delivery of samples to lab; shorter turnaround may be requested at the time of sample delivery, but will not be less than 5 days. Soil to be tested will be collected from Smith and Bybee Lakes Wildlife Area and delivered to North Creek; North Creek is not responsible for collecting or transporting the sample.

All terms on the reverse side of this document are hereby made a part of this AGREEMENT.

CONTRACTOR North Creek Analytical
 Signature Philip Nevenberg
 Date 8/8/03
 Name Philip Nevenberg
 Address 9405 SW Nimbus
Beaverton, OR 97008
 Tax ID No. or
 Social Security No. _____
 Telephone (503) 906-9200
 Fax (503) 906-9210

METRO
 Signature Janne Redmond
 Date 8/06/03
 Title Director
 Department Regional Parks and Greenspaces
 Division Smith and Bybee Lakes
 Telephone (503) 797-1848
 Project Manager Elaine Stewart
 Telephone & Fax (503) 797-1515, 797-1849 fax

White Copy -- Business Services Canary -- Department Pink -- Contractor

Analytical Services Quotation

Soil Testing from Dam
 METRO-REM
 Elaine Stewart

Bid Date: 08/04/2003
 Bid Expires: 12/31/2003
 Prices Expire: 12/31/2003

Matrix	Parameters	Method	#	TAT (days)	Unit Price	Extended Price
Soil	Metals, Misc Soil (1)	EPA 6000/7000	4	10	\$102.00	\$408.00
Soil	8081A Pesticides (2)	EPA 8081A	4	10	\$106.25	\$425.00
Soil	8270 SIM PAH (3)	EPA 8270m	4	10	\$182.75	\$731.00
						\$1,564.00

(1) Metals include: AsCuHgNiPbZn

(2) DDT, DDD, DDE only

(3) Benzo(a)Anthracene, Benzo(a)Pyrene, Benzo(b)Fluoranthene, Ideno(1,2,3-cd)Pyrene only

 Crystal Jones
 Project Manager
 North Creek Analytical - Portland

Turnaround Pricing

Parameter	SpecificMethod	0 days	1 days	2 days	3 days	4 days	5 days	7 days	10 days
Metals, Misc Soil		\$306.00	\$204.00	\$183.60	\$163.20	\$153.00	\$142.80	\$122.40	\$102.00
8081A Pest	EPA 8081A	\$318.75	\$212.50	\$191.25	\$170.00	\$159.38	\$148.75	\$127.50	\$106.25
8270 SIM PAH	EPA 8270m	\$548.25	\$365.50	\$328.95	\$292.40	\$274.13	\$255.85	\$219.30	\$182.75

Crystal Jones
Project Manager
North Creek Analytical - Portland

Analytical Method Details - North Creek Analytical - Portland

Method	Analyte	MDL	MRL Units
Total Metals per EPA 6000/7000 Series Methods			
In Soil			
EPA 6020	Arsenic	0.427	0.500 mg/kg dry wt
EPA 6020	Copper	0.955	2.00 mg/kg dry wt
EPA 6020	Lead	0.106	0.500 mg/kg dry wt
EPA 6020	Nickel	0.213	1.00 mg/kg dry wt
EPA 6020	Zinc	0.630	2.00 mg/kg dry wt
EPA 7471A	Mercury	0.00496	0.100 mg/kg dry wt
Organochlorine Pesticides per EPA Method 8081A			
In Soil			
EPA 8081A	4,4'-DDD	2.00	6.70 ug/kg dry wt
EPA 8081A	4,4'-DDE	1.00	6.70 ug/kg dry wt
EPA 8081A	4,4'-DDT	2.00	6.70 ug/kg dry wt
EPA 8081A	Decachlorobiphenyl		Surrogate
EPA 8081A	2,4,5,6-Tetrachloro-m-xylene		Surrogate
Polynuclear Aromatic Compounds per EPA 8270M-SIM			
In Soil			
EPA 8270m	Benzo (a) anthracene	3.30	13.4 ug/kg dry wt
EPA 8270m	Benzo (a) pyrene	3.30	13.4 ug/kg dry wt
EPA 8270m	Benzo (b) fluoranthene	3.30	13.4 ug/kg dry wt
EPA 8270m	Indeno (1,2,3-cd) pyrene	3.30	13.4 ug/kg dry wt
EPA 8270m	Fluorene-d10		Surrogate
EPA 8270m	Pyrene-d10		Surrogate
EPA 8270m	Benzo (a) pyrene-d12		Surrogate

Sampling Guide - North Creek Analytical - Portland

Analysis	Specific Method	Container	Preservation	Hold (days)	Amount Needed
Total Metals per EPA 6000/7000 Series Methods					
In Soil					
As Total ICPMS 6020	EPA 6020	8 oz. jar	Store cool at 4°C	180	100 grams
Cu Total ICPMS 6020	EPA 6020	8 oz. jar	Store cool at 4°C	180	100 grams
Ni Total ICPMS 6020	EPA 6020	8 oz. jar	Store cool at 4°C	180	100 grams
Pb Total ICPMS 6020	EPA 6020	8 oz. jar	Store cool at 4°C	180	100 grams
Zn Total ICPMS 6020	EPA 6020	8 oz. jar	Store cool at 4°C	180	100 grams
Hg Total - 7000	EPA 7471A	8 oz. jar	Store cool at 4°C	28	100 grams
Organochlorine Pesticides per EPA Method 8081A					
In Soil					
8081A Pest	EPA 8081A	8 oz. jar	Store cool at 4°C	14	250 grams
Polynuclear Aromatic Compounds per EPA 8270M-SIM					
In Soil					
8270 SIM PAH	EPA 8270m	8 oz. jar	Store cool at 4°C	14	250 grams

North Creek

9405 SW Nimbus

Butn 97008

From: Crystal Jones <Crystal.Jones@ncalabs.com>
To: "Elaine Stewart - Metro (E-mail)" <stewarte@metro.dst.or.us>
Date: 8/4/03 5:19PM
Subject: requested price quotation

<<Soil Testing from Dam STD BID 04 Aug 03 1655.pdf>>
Are you collecting core samples? If not, 2 of our 8oz. soil jars would be enough sample to run these analyses. Let me know if you have any questions.
Thanks!

Crystal Jones, Project Manager
North Creek Analytical - Beaverton
Phone: 503-906-9200
Direct: 503-906-9233
Fax: 503-906-9210
email: cjones@ncalabs.com

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North Creek Analytical - Beaverton
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