2022 North American Proficiency Testing Program
Quarter 4 Environmental Report - 1/17/2023

Laboratory ID
General

Environmental			Soil 2022-116			Soil 2022-117			Soil 2022-118			Soil 2022-119			Soil 2022-120		
Soil Analyses	**Units**	***n***	**Median**	**MAD**	**Lab Result**	**Median**	**MAD**	**Lab Result**	**Median**	**MAD**	**Lab Result**	**Median**	**MAD**	**Lab Result**	**Median**	**MAD**	**Lab Result**
Metals																	
Ag	mg/kg																
Al	mg/kg	6	**13500.0**	1740.0		**8280.0**	841.0		**8080.0**	N/A		**3480.0**	369.0		**17600.0**	N/A	
As	mg/kg	5	**2.31**	N/A		**5.39**	N/A		**2.79**	N/A		**2.37**	N/A		**2.21**	N/A	
Ba	mg/kg	2	**117.0**	N/A		**60.7**	N/A		**94.4**	N/A		**29.6**	N/A		**191.0**	N/A	
Be	mg/kg		**0.12**	N/A													
Bi	mg/kg																
B	mg/kg	3	**6.92**	N/A		**3.50**	N/A		**6.11**	N/A		**3.75**	N/A		**7.14**	N/A	
Ca	mg/kg	5	**3050.0**	N/A		**1600.0**	N/A		**2310.0**	N/A		**5330.0**	N/A		**8580.0**	N/A	
Cd	mg/kg	5	**0.19**	N/A		**0.28**	N/A		**0.26**	N/A		**0.20**	N/A		**0.50**	N/A	
Co	mg/kg	6	**4.06**	0.77		**6.21**	0.60		**4.83**	0.22		**0.82**	0.21		**10.9**	1.55	
Cr	mg/kg	6	**23.9**	1.45		**16.9**	2.13		**10.1**	0.83		**4.89**	0.36		**13.1**	1.08	
Cu	mg/kg	5	**7.86**	N/A		**23.4**	N/A		**9.86**	N/A		**4.13**	N/A		**16.8**	N/A	
Fe	mg/kg	5	**9640.0**	N/A		**13100.0**	N/A		**10900.0**	N/A		**3240.0**	N/A		**24900.0**	N/A	
K	mg/kg	5	**1790.0**	N/A		**2260.0**	N/A		**2530.0**	N/A		**394.0**	N/A		**3870.0**	N/A	
Li	mg/kg																
Mg	mg/kg	4	**2410.0**	N/A		**1950.0**	N/A		**2140.0**	N/A		**2250.0**	N/A		**6350.0**	N/A	
Mn	mg/kg	5	**164.0**	N/A		**299.0**	N/A		**422.0**	N/A		**56.4**	N/A		**509.0**	N/A	
Mo	mg/kg	4	**0.22**	N/A		**0.26**	N/A		**0.42**	N/A		**0.43**	N/A		**0.15**	N/A	
Na	mg/kg	3	**32.6**	N/A		**82.8**	N/A		**42.1**	N/A		**28.5**	N/A		**423.0**	N/A	
Ni	mg/kg	6	**9.89**	1.91		**9.88**	1.71		**8.25**	0.64		**2.50**	0.40		**9.76**	0.67	
P	mg/kg	5	**588.0**	N/A		**357.0**	N/A		**352.0**	N/A		**446.0**	N/A		**1020.0**	N/A	
Pb	mg/kg	6	**15.7**	2.60		**9.96**	1.60		**9.94**	1.72		**6.17**	0.69		**7.24**	2.41	
S	mg/kg	5	**303.0**	N/A		**114.0**	N/A		**203.0**	N/A		**234.0**	N/A		**307.0**	N/A	
Sb	mg/kg																
Se	mg/kg	2	**1.87**	N/A		**0.92**	N/A		**1.16**	N/A		**0.66**	N/A		**1.38**	N/A	
Sn	mg/kg																
Sr	mg/kg	1	**6.81**	N/A		**13.8**	N/A		**13.3**	N/A		**6.30**	N/A		**52.3**	N/A	
V	mg/kg	1	**16.5**	N/A		**30.2**	N/A		**12.7**	N/A		**6.89**	N/A		**54.4**	N/A	
Zn	mg/kg	5	**21.8**	N/A		**78.8**	N/A		**28.9**	N/A		**24.6**	N/A		**86.8**	N/A	
Hg (US-EPA 7470 or 7471)	mg/kg																