

All Data		Summary Three years						
Lab Group	Study Type	Number of Analytes	Number of individual Labs	Total Number Data Points	Total Number Not Acceptable	Failure Rate	Failure Rate Ratio 1PT/2PT Group	
1PT	All	428	63	19781	1113	5.63%	2.7	
2PT	All	428	17	33239	696	2.09%		
Failure Rate Significantly Different								
All Analyte Summary								
Lab Group	Number of Analytes	Failure Rate Number of analytes Significantly Different High	Failure Rate Percentage of Analytes Significantly Different High	Number of Analytes	Average Recovery Variance Number of analytes Significantly Different High	Average Recovery Variance Percentage Significantly Different High		
1PT	428	125	29.2%	423	224	53.0%		
2PT	428	2	0.5%	423	20	4.7%		
Same	428	301	70.3%	423	179	42.3%		

WP		Summary													
Lab Group	Study Type	Study Open Date Minimum	Study Open Date Maximum	Class Name	Number of Analytes	Number of individual Labs	Average Number PT per Year	Total Number Data Points	Total Number Not Acceptable	Failure Rate	Average Absolute z score	Average Recovery	Average Recovery Standard Deviation	Failure Rate Ratio 1PT/2PT Group	Average Recovery Standard Deviation 1PT/2PT Group
1PT	WP	6/6/2005	12/10/2007	Metals	25	38	1.13	1690	87	5.15%	0.9709	99.5%	12.2%	2.3	1.6
2PT	WP	6/6/2005	4/14/2008	Metals	25	17	3.14	3519	78	2.22%	0.8355	100.4%	7.8%		
1PT	WP	6/6/2005	12/10/2007	Pesticides	22	11	1.06	618	27	4.37%	1.0300	89.5%	25.7%	6.1	1.6
2PT	WP	6/6/2005	4/14/2008	Pesticides	22	12	2.44	1809	13	0.72%	0.6803	88.8%	16.2%		
1PT	WP	6/6/2005	12/10/2007	Volatiles	36	19	1.18	1416	67	4.73%	1.0033	96.6%	22.5%	1.4	1.3
2PT	WP	6/6/2005	4/14/2008	Volatiles	36	14	2.04	2763	92	3.33%	0.9052	98.7%	17.4%		
1PT	WP	6/6/2005	12/10/2007	BNA	59	15	1.05	1765	53	3.00%	0.9342	73.5%	22.6%	3.6	1.1
2PT	WP	6/6/2005	4/14/2008	BNA	59	13	1.92	4034	34	0.84%	0.7159	75.0%	19.9%		
1PT	WP	5/9/2005	12/10/2007	Minerals	7	38	0.99	440	20	4.55%	1.0135	98.7%	7.8%	1.7	1.2
2PT	WP	6/6/2005	4/14/2008	Minerals	7	17	2.65	780	21	2.69%	0.9356	98.6%	6.3%		
1PT	WP	5/9/2005	4/14/2008	Nutrients	6	36	1.06	446	33	7.40%	1.1084	100.6%	22.6%	1.2	1.5
2PT	WP	5/9/2005	4/14/2008	Nutrients	6	17	2.20	557	33	5.92%	0.9868	99.3%	15.3%		
1PT	WP	5/9/2005	12/10/2007	Soilds	3	44	1.05	318	32	10.06%	1.1875	97.2%	16.5%	1.8	1.9
2PT	WP	6/6/2005	4/14/2008	Soilds	3	16	1.93	254	14	5.51%	0.9863	97.8%	8.5%		
1PT	WP	5/9/2005	4/14/2008	Anions	4	35	1.13	306	30	9.80%	1.2278	100.3%	21.7%	3.1	1.1
2PT	WP	5/9/2005	4/14/2008	Anions	4	17	2.62	474	15	3.16%	0.8930	97.5%	19.3%		
1PT	WP	5/9/2005	4/14/2008	Inorganic Misc	8	53	1.13	660	64	9.70%	1.1437	99.9%	18.7%	2.5	1.4
2PT	WP	5/9/2005	4/14/2008	Inorganic Misc	8	17	2.60	765	30	3.92%	0.8336	99.1%	13.4%		
1PT	WP	5/9/2005	12/10/2007	Demand	4	36	1.03	262	14	5.34%	1.0158	103.1%	22.3%	1.7	1.7
2PT	WP	6/6/2005	4/14/2008	Demand	4	14	2.16	309	10	3.24%	0.9013	100.3%	13.1%		
1PT	WP	6/6/2005	12/10/2007	Quan Micro	2	34	1.76	150	3	2.00%	0.8637			-	-
2PT	WP	5/9/2005	3/17/2008	Quan Micro	2	9	2.92	75	0	0.00%	0.7019				
Failure Rate Significantly Different															
Average Recovery Variance Significantly Different															
1PT	WP	5/9/2005	4/14/2008	All	176	57	-	8071	430	5.33%				2.4	
2PT	WP	5/9/2005	4/14/2008	All	176	17	-	15339	340	2.22%					

WP Analyte Summary						
Lab Group	Number of Analytes	Failure Rate Number of analytes Significantly Different High	Failure Rate Percentage of Analytes Significantly Different High	Number of Analytes	Average Recovery Variance Number of analytes Significantly Different High	Average Recovery Variance Percentage Significantly Different High
1PT	176	49	27.8%	174	90	51.7%
2PT	176	2	1.1%	174	11	6.3%
Same	176	125	71.0%	174	73	42.0%

Soil		Summary													
Lab Group	Study Type	Study Open Date Minimum	Study Open Date Maximum	Class Name	Number of Analytes	Number of individual Labs	Average Number PT per Year	Total Number Data Points	Total Number Not Acceptable	Failure Rate	Average Absolute z score	Average Recovery	Average Recovery Standard Deviation	Failure Rate Ratio 1PT/2PT Group	Average Recovery Standard Deviation 1PT/2PT Group
1PT	SOIL	7/25/2005	4/21/2008	Metals	29	23	1.22	1467	67	4.57%	0.9039	89.8%	22.4%	3.5	1.2
2PT	SOIL	4/25/2005	4/21/2008	Metals	29	16	2.75	3711	48	1.29%	0.7386	90.3%	17.9%		
1PT	SOIL	7/25/2005	4/21/2008	Pesticides	22	10	1.13	675	35	5.19%	1.0796	72.7%	33.6%	4.9	1.7
2PT	SOIL	4/25/2005	4/21/2008	Pesticides	22	13	1.99	1691	18	1.06%	0.6776	74.8%	20.2%		
1PT	SOIL	7/25/2005	4/21/2008	Volatiles	44	14	1.04	1130	53	4.69%	0.9281	93.5%	24.2%	3.7	1.6
2PT	SOIL	4/25/2005	4/21/2008	Volatiles	44	13	1.78	2497	32	1.28%	0.7759	94.6%	14.8%		
1PT	SOIL	7/25/2005	4/21/2008	BNA	55	12	1.12	1561	102	6.53%	1.0943	64.5%	26.9%	11.4	1.4
2PT	SOIL	4/25/2005	4/21/2008	BNA	55	14	1.71	3474	20	0.58%	0.6673	67.3%	19.4%		
1PT	SOIL	7/25/2005	4/21/2008	Inorganic Misc	1	11	0.90	27	3	11.11%	1.2199	77.6%	37.8%	2.6	1.1
2PT	SOIL	4/25/2005	4/21/2008	Inorganic Misc	1	15	2.05	92	4	4.35%	0.7864	81.9%	34.7%		
Failure Rate Significantly Different															
Average Recovery Variance Significantly Different															
1PT	SOIL	5/9/2005	4/14/2008	All	151	28	-	4860	260	5.35%				5.0	
2PT	SOIL	5/9/2005	4/14/2008	All	151	16	-	11465	122	1.06%					

Soil Analyte Summary						
Lab Group	Number of Analytes	Failure Rate Number of analytes Significantly Different High	Failure Rate Percentage of Analytes Significantly Different High	Number of Analytes	Average Recovery Variance Number of analytes Significantly Different High	Average Recovery Variance Percentage Significantly Different High
1PT	151	59	39.1%	151	95	62.9%
2PT	151	0	0.0%	151	3	2.0%
Same	151	92	60.9%	151	53	35.1%

WS	Summary														
Lab Group	Study Type	Study Open Date Minimum	Study Open Date Maximum	Class Name	Number of Analytes	Number of individual Labs	Average Number PT per Year	Total Number Data Points	Total Number Not Acceptable	Failure Rate	Average Absolute z score	Average Recovery	Average Recovery Standard Deviation	Failure Rate Ratio 1PT/2PT Group	Average Recovery Standard Deviation 1PT/2PT Group
1PT	WS	5/16/2005	1/7/2008	Metals	20	31	1.48	1556	101	6.49%	0.6772	101.7%	18.1%	2.2	1.9
2PT	WS	5/16/2005	4/7/2008	Metals	20	15	2.20	1684	50	2.97%	0.5040	100.3%	9.4%		
1PT	WS	6/13/2005	1/7/2008	Volatiles	55	20	1.40	3159	177	5.60%	0.5893	99.2%	13.7%	1.4	1.2
2PT	WS	5/16/2005	4/7/2008	Volatiles	55	12	1.74	3229	128	3.96%	0.5107	99.8%	11.9%		
1PT	WS	6/13/2005	1/7/2008	Minerals	7	35	1.20	527	33	6.26%	0.7452	100.5%	9.8%	3.3	2.0
2PT	WS	5/16/2005	4/7/2008	Minerals	7	12	2.00	419	8	1.91%	0.6528	99.5%	5.0%		
1PT	WS	5/16/2005	1/7/2008	Nutrients	4	33	1.30	338	31	9.17%	0.8030	99.1%	12.4%	1.4	1.6
2PT	WS	7/11/2005	4/7/2008	Nutrients	4	12	2.20	246	16	6.50%	0.6625	99.2%	7.9%		
1PT	WS	7/11/2005	1/7/2008	Solids	1	31	1.19	92	0	0.00%	0.3272	100.0%	8.5%	-	1.0
2PT	WS	7/11/2005	4/7/2008	Solids	1	10	1.97	54	0	0.00%	0.3296	99.4%	8.3%		
1PT	WS	5/16/2005	1/7/2008	Anions	3	33	1.50	323	29	8.98%	0.8691	99.8%	12.5%	1.5	1.7
2PT	WS	6/13/2005	4/7/2008	Anions	3	11	2.31	186	11	5.91%	0.7116	98.9%	7.2%		
1PT	WS	6/13/2005	3/10/2008	Inorganic Misc	8	35	1.20	531	45	8.47%	0.8952	100.0%	14.5%	1.8	1.8
2PT	WS	5/16/2005	4/7/2008	Inorganic Misc	8	15	2.07	409	19	4.65%	0.6803	100.1%	7.9%		
1PT	WS	5/16/2005	1/7/2008	Qual Micro	2	36	1.43	273	1	0.37%				-	
2PT	WS	6/13/2005	4/7/2008	Qual Micro	2	10	3.00	169	0	0.00%					
1PT	WS	5/16/2005	1/7/2008	Quan Micro	1	20	0.96	51	6	11.76%	1.0436			2.3	
2PT	WS	6/13/2005	4/7/2008	Quan Micro	1	8	1.73	39	2	5.13%	0.6255				
Failure Rate Significantly Different															
Average Recovery Variance Significantly Different															
1PT	WS	5/9/2005	4/14/2008	All	101	43	-	6850	423	6.18%				1.7	
2PT	WS	5/9/2005	4/14/2008	All	101	15	-	6435	234	3.64%					

WS Analyte Summary						
Lab Group	Number of Analytes	Failure Rate Number of analytes Significantly Different High	Failure Rate Percentage of Analytes Significantly Different High	Number of Analytes	Average Recovery Variance Number of analytes Significantly Different High	Average Recovery Variance Percentage Significantly Different High
1PT	101	17	16.8%	98	39	39.8%
2PT	101	0	0.0%	98	6	6.1%
Same	101	84	83.2%	98	53	54.1%