WP	Soilds		Summary - All Studies											z_{CALC} Failure Rate	Significance of difference H0:p1=p2 Failure Rate	H0: p1=p2 (< 5% Significant) Failure Rate	F_{CALC} Average Recovery Variance	Critial F at p=0.05 for Average Recovery Variance / probability H0:V1=V2	F Test Average Recovery Variance (F_{CALC} < Critical F)
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						
1PT	WP	5/9/2005	12/10/2007	Soilds	3	44	1.05	318	32	10.06%	1.1875	97.2%	16.5%	1.989	0.023	Significantly Different	3.767	1.219	Significantly Different
2PT	WP	6/6/2005	4/14/2008	Soilds: V1=V2	3	16	1.93	254	14	5.51%	0.9863	97.8%	8.5%					0.0000	prob H0: V1=V2
Studies by Accreditation Period (12 months)																			
1PT	WP	6/18/2007	12/10/2007	Soilds	3	43	NA	130	9	6.92%	1.0805	97.1%	14.7%	0.529	0.299	Same	2.743	1.378	Significantly Different
2PT	WP	6/18/2007	4/14/2008	Soilds: V1=V2	3	16	NA	96	5	5.21%	1.0921	98.3%	8.9%					0.0000	prob H0: V1=V2
1PT	WP	6/12/2006	4/16/2007	Soilds	3	41	NA	132	20	15.15%	1.4350	98.0%	20.4%	2.785	0.003	Significantly Different	8.121	1.369	Significantly Different
2PT	WP	6/12/2006	4/16/2007	Soilds	3	15	NA	101	4	3.96%	0.8510	96.5%	7.1%					0.0000	prob H0: V1=V2
1PT	WP	5/9/2005	12/5/2005	Soilds	3	25	NA	56	3	5.36%	0.8523	95.4%	8.3%	0.708	0.240	Same	0.721	1.560	Same
2PT	WP	6/6/2005	3/13/2006	Soilds	3	13	NA	57	5	8.77%	1.0479	99.2%	9.8%					0.8868	prob H0: V1=V2

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	3	1	33.3%	3	3	100.0%
2PT	3	0	0.0%	3	0	0.0%
Same	3	2	66.7%	3	0	0.0%

Lab Group	Study Type	Study Open Date Minimum	Study Open Date Maximum	Analyte Name	NELAC Analyte Number	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	z_{CALC} Failure Rate	Significance of difference H0:p1=p2 Failure Rate	H0: p1=p2 (< 5% Significant) Failure Rate	F_{CALC} Average Recovery Variance	Critial F at p=0.05 for Average Recovery Variance / probability H0:V1=V2	F Test Average Recovery Variance (F_{CALC} < Critical F)
1PT	WP	5/9/2005	12/10/2007	Total Solids at 105°C	1950	38	1.06	104	12	11.54%	1.3402	99.4%	16.3%	0.751	0.226	Same	4.691	1.415	Significantly Different
2PT	WP	6/6/2005	4/14/2008	Total Solids at 105°C	1950	15	1.98	85	7	8.24%	1.2255	99.8%	7.5%					0.0000	prob H0: V1=V2
1PT	WP	5/9/2005	12/10/2007	Total Dissolved Solids at	1955	36	1.03	96	10	10.42%	1.0368	99.1%	15.1%	2.176	0.015	Significantly Different	3.087	1.423	Significantly Different
2PT	WP	6/6/2005	4/14/2008	Total Dissolved Solids at	1955	15	1.98	85	2	2.35%	0.7249	100.7%	8.6%					0.0000	prob H0: V1=V2
1PT	WP	5/9/2005	12/10/2007	Non-Filterable Residue (1960	43	1.06	118	10	8.47%	1.1754	93.6%	17.3%	0.674	0.250	Same	6.088	1.406	Significantly Different
2PT	WP	6/6/2005	4/14/2008	Non-Filterable Residue (1960	16	1.84	84	5	5.95%	1.0088	92.7%	7.0%					0.0000	prob H0: V1=V2

WS	Soilds		Summary - All Studies															
Lab Group	Study Type	Study Open Date Minimum	Study Open Date Maximum	Analyte Name	NELAC Analyte Number	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	z_{CALC} Failure Rate	Significance of difference H0:p1=p2 Failure Rate	H0: p1=p2 (< 5% Significant) Failure Rate	F_{CALC} Average Recovery Variance	Critial F at p=0.05 for Average Recovery Variance / probability H0:V1=V2	F Test Average Recovery Variance (F_{CALC} < Critical F)
1PT	WS	7/11/2005	1/7/2008	Total Dissolved Solids at 180°C	1955	31	1.19	92	0	0.00%	0.3272	100.0%	8.5%	#DIV/0!	#DIV/0!	#DIV/0!	1.048	1.518	Same
2PT	WS	7/11/2005	4/7/2008	Total Dissolved Solids at 180°C	1955	10	1.97	54	0	0.00%	0.3296	99.4%	8.3%					0.4329	prob H0: V1=V2
Studies by Accreditation Period (12 months)																			
1PT	WS	7/9/2007	1/7/2008	Total Dissolved Solids at 180°C	1955	29	2.14	31	0	0.00%	0.3406	99.9%	8.4%	#DIV/0!	#DIV/0!	#DIV/0!	1.543	2.148	Same
2PT	WS	7/9/2007	4/7/2008	Total Dissolved Solids at 180°C	1955	9	2.67	18	0	0.00%	0.2941	102.1%	6.8%					0.1745	prob H0: V1=V2
1PT	WS	7/10/2006	1/8/2007	Total Dissolved Solids at 180°C	1955	30	2.07	31	0	0.00%	0.1837	99.5%	4.9%	#DIV/0!	#DIV/0!	#DIV/0!	0.193	2.107	Significantly Different
2PT	WS	7/10/2006	4/9/2007	Total Dissolved Solids at 180°C	1955	9	2.82	19	0	0.00%	0.4546	97.3%	11.2%					1.0000	prob H0: V1=V2
1PT	WS	7/11/2005	1/9/2006	Total Dissolved Solids at 180°C	1955	29	2.07	30	0	0.00%	0.4617	100.5%	11.3%	#DIV/0!	#DIV/0!	#DIV/0!	5.079	2.200	Significantly Different
2PT	WS	7/11/2005	1/9/2006	Total Dissolved Solids at 180°C	1955	9	3.79	17	0	0.00%	0.2274	98.8%	5.0%					0.0006	prob H0: V1=V2
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	1	0	0.0%	1	0	0.0%													
2PT	1	0	0.0%	1	0	0.0%													
Same	1	1	100.0%	1	1	100.0%													