

APPENDIX F: Complete Data

Sample ID#	Sample identification number assigned by the logging computer.
Date	Date the sample was collected.
Start Time	Time sample collection was started.
End Time	Time sample collection was completed.
Start Lat	The latitude of the beginning of the test interval for the sample listed as degrees, minutes and ten thousandths of a minute.
Start Long	The longitude of the beginning of the test interval for the sample listed as degrees, minutes and ten thousandths of a minute.
Type	Blank signifies that the sample was an air blank. Test signifies that the sample was a test sample.
Sample Tube # 1st tube	Lists the serial number of the sampling tube, 1 st of a duplicate pair.
1st R in pg	Lists the amount of Tracer R in the 1 st tube of a duplicate pair in picograms. A picogram is one trillionth of a gram or 10^{-12} grams.
2nd R in pg	Listed the amount of Tracer R in the 2 nd tube of a duplicate pair in picograms. A picogram is one trillionth of a gram or 10^{-12} grams.
Validated R	The validated result of the duplicate pair, usually the average. See Analysis section.
1st E in pg	Lists the amount of Tracer E in the 1 st tube of a duplicate pair in picograms. A picogram is one trillionth of a gram or 10^{-12} grams.
2nd E in pg	Listed the amount of Tracer E in the 2 nd tube of a duplicate pair in picograms. A picogram is one trillionth of a gram or 10^{-12} grams.
Validated E	The validated result of the duplicate pair, usually the average. See Analysis section.
End Lat	The latitude of the end of the test interval for the sample listed as degrees, minutes and ten thousandths of a minute.
End Long	The longitude of the end of the test interval for the sample listed as degrees, minutes and ten thousandths of a minute.
Comments	Descriptions of special circumstances associated with a sample.

Table F1: Analytical Results

Sample ID#	1st R in pg	2nd R in pg	Valldate d R	1st E in pg	2nd E in pg	Validated E	Comment
10600493	0.5	NR	0.5	2.8	NR	2.8	*Retest-14405749 -time is not actual date 7 27 2001 E carry over
10600494	0.7	NR	0.7	2.0	NR	2.0	*Retest 15015963 run time apx 6 to 6.5 min. Not actual start/stop time....
10600495	0.6	NR	0.6	1.9	NR	1.9	retest 15015965 date 7 27 2001 .
10600496	0.5	NR	0.5	1.4	NR	1.4	retest 15015972 date 7 27 2001 ..
10600497	0.5	0.5	0.5	26.1	27.3	26.7	LS 1 normal speed apx 2 mph but pump broke along way
10600498	0.5	0.6	0.6	14.5	15.9	15.2	LS 1 retest after repairing pump very windy total pump run 7 min.
10600499	0.4	0.5	0.4	69.6	69.1	69.4	fix broken pump tube.. run LS 2 ..very windy ..no GPS fix for end run...
10600500	0.5	0.9	0.7	39.9	38.4	39.1	LS 3 run very windy
10600501	0.5	0.9	0.7	80.9	98.4	89.7	LS 4 run very windy
14405720	0.7	0.7	0.7	2.2	2.2	2.2	air blank
14405721	0.7	0.2	0.5	165.8	150.1	158.0	leak sim 1 with E
14405722	0.5	0.5	0.5	8.7	7.3	8.0	air blank
14405723	1.0	0.6	0.8	222.4	220.3	221.4	leak sim 2 with E
14405724	0.7	0.7	0.7	3.8	3.5	3.6	air blank
14405725	2.2	2.1	2.2	268.0	267.0	267.5	leak sim 3 with E
14405726	5.4	0.6	3.0	NST	9.1	9.1	air blank
14405727	0.7	0.7	0.7	49.9	48.2	49.1	leak sim 4 with E
14405728	0.6	0.4	0.5	1.2	1.0	1.1	run start at 47.9 miles
14405729	0.6	1.1	0.9	1.3	1.3	1.3	dry soil surface
14405730	0.7	0.9	0.8	1.6	1.7	1.7	
14405731	0.8	0.8	0.8	2.5	2.1	2.3	
14405732	3.2	3.2	3.2	3.2	2.1	2.7	
14405733	0.7	0.7	0.7	2.4	2.1	2.3	
14405734	0.7	1.1	0.9	2.0	2.0	2.0	stop at river crossing
14405735	20.0	NR	20.0	1.0	NR	1.0	start on bank of canal Pass Mi.Ma. 48.8. valve, cross 1 gravel road
14405736	0.8	0.6	0.7	3.0	2.4	2.7	Start Wes run
14405737	0.8	0.9	0.9	2.3	2.8	2.5	
14405739	5.8	4.0	4.9	1.9	2.3	2.1	reporters Reno Gazette-did-story on Tuesday
14405740	5.4	NST	5.4	181.0	177.5	179.3	drag over leak sim 2
14405741	0.7	0.9	0.8	2.5	3.2	2.9	past marker 49.6
14405742	0.7	1.0	0.8	1.6	1.9	1.8	cross RR tracks note..stopped Test to look for dropped tube. Total runtime 5 min
14405743	0.9	1.3	1.1	1.9	2.0	1.9	no notes
14405745	9.5	11.3	10.4	1.7	1.9	1.8	air blank
14405746	12.0	10.4	11.2	1.8	1.7	1.7	start edge sm canal
14405747	3.0	NR	3.0	1.9	NR	1.9	just past 50.3
14405748	0.9	1.2	1.1	1.4	1.4	1.4	deep sand
14405749	NR	1.2	1.2	NR	1.8	1.8	60 sec a stra to go around canal
14405750	NR	NR	NR	NR	NR	NR	cunous horses
14405751	1.1	0.8	0.9	1.9	1.3	1.6	mm 51.1 -met Van crossed sm paved road
14405752	2.2	2.0	2.1	1.9	1.7	1.8	start Wes run
14405753	NR	0.9	0.9	1.5	1.8	1.6	no notes
14405754	1.1	1.5	1.3	1.9	1.4	1.6	no notes
14405755	NR	5.0	5.0	NR	0.6	0.6	slow marsh but no water extra time
14405756	1.1	1.1	1.1	1.9	1.6	1.7	includes 1.5-min. around drain area 15 ft across
14405757	1.0	NST	1.0	2.8	2.1	2.5	very bumpy slow
14405758	1.1	0.6	0.8	1.1	1.3	1.2	steep slope behind homes slow
14405759	NR	1.9	1.9	NR	1.9	1.9	at 54.1 ...
14405760	33.9	39.1	36.5	1.4	1.4	1.4	start-on other side of RR-bridge and canal
14405761	NST	11.5	11.5	1.4	0.2	0.8	mm 56.3
14405762	NST	0.8	0.8	2.3	2.0	2.1	start with new battery .5 hr delay

Sample ID#	1st R In pg	2nd R In pg	Validated R	1st R In pg	2nd R In pg	Validated R	Comment
14405763	2.4	NST	2.4	2.0	2.2	2.1	stopped at edge of paved road
14405764	NST	0.9	0.9	1.4	1.1	1.2	
14405765	0.2	NST	0.2	0.4	1.9	1.2	heavy brush slow
14405766	NST	0.9	0.9	NST	0.9	0.9	mm 56.8 stop at RR vent...
14405767	NR	NR	NR	NR	NR	NR	start other side of road. Taylor Rd 396 lost tube
14405768	34.0	NR	34.0	NR	NR	NR	5 min run but delay around junk...
14405769	4.4	4.7	4.5	2.0	1.9	1.9	air blank was
14405770	251.5	252.5	252.0	7.2	7.0	7.1	blank Emanuel Church
14405771	16.6	17.3	17.0	3.2	3.6	3.4	no notes
14405773	4.0	NR	4.0	3.3	NR	3.3	alfalfa field
14405774	2.7	3.4	3.1	2.9	2.9	2.9	
14405775	1.5	2.1	1.8	3.1	2.8	3.0	pipe parallel to field then 45 degrees diagonal across field
14405776	2.3	3.2	2.7	2.3	2.7	2.5	along cottonwood treeline
14405777	2.2	2.6	2.4	2.6	2.9	2.8	mm 59.5 follow treeline across field
14405778	0.5	NST	0.5	1.6	2.2	1.9	across field
14405779	2.5	2.8	2.7	2.0	2.6	2.3	behind sewer plant on road
14405780	0.5	NST	0.5	1.8	4.4	3.1	5 Min total evac .35 mile detour swamp 25 ft wide
14405781	2.5	3.1	2.8	2.9	2.9	2.9	couple of fences to get over
14405782	NST	1.0	1.0	3.3	3.3	3.3	crossed several fences sm canals...
14405790	1.2	1.4	1.3	3.8	3.8	3.8	mm 61.7 on Fallon/NAS side...
14405792	1.0	0.8	0.9	149.8	145.3	147.5	uncleared field
14405793	0.9	0.7	0.8	7.4	6.8	7.1	mm 61.9 5min total evac...
14405794	1.2	0.6	0.9	2.8	2.6	2.7	alfalfa field
14405795	1.1	0.9	1.0	3.0	3.2	3.1	alfalfa field
14405798	1.0	1.2	1.1	2.9	3.2	3.1	alfalfa field
14405800	1.5	1.0	1.2	3.3	3.0	3.2	pipeline runs under shallow dry cement canal so both sides of canal were testep
14405801	0.8	NST	0.8	2.2	2.1	2.2	along road next to canal
14405802	1.4	0.7	1.1	3.4	2.4	2.9	alfalfa field from road
14405803	0.6	0.5	0.6	2.1	2.3	2.2	mm 62.7-vent...
14405804	0.5	NR	0.5	NR	NR	NR	END of line
14405809	0.9	1.1	1.0	2.8	2.5	2.7	*Retest Air Blank
14405812	0.9	0.6	0.7	176.4	172.3	174.3	*Retest M.M. 48.8 start edge canal over LS 1 and over valve
14405815	1.1	1.0	1.1	5.0	3.5	4.2	Retest M.M. 48.8- sample valve stationary 5 min
14405816	0.7	0.6	0.7	1.8	1.5	1.6	*Retest Start at 49.6 moving opposite from previous run.
14405818	NST	0.6	0.6	97.0	117.3	107.1	*Retest over LS 2 moving backwards from previous test
14405820	0.3	0.5	0.4	1.4	1.6	1.5	*Retest 3rd of section Total run time 4.5 min. .30 sec around sm canal 5 ft across
14405822	0.3	0.5	0.4	1.9	1.6	1.8	*Retest air blank next to sm post...
14405823	0.4	0.5	0.5	1.6	1.9	1.8	*Retest run edge of paved rd and sm canal dry
14405824	0.2	0.6	0.4	1.4	1.2	1.3	*Retest end just past 5 0.3
14405826	0.7	0.6	0.7	2.8	1.9	2.3	canal bank test stationary apx 20 ft of pipe under water...
14405828	0.7	0.6	0.7	2.7	2.2	2.4	other side of canal stationary test
14405829	0.6	0.8	0.7	2.4	2.3	2.4	canal test stationary 5 min...
14405830	0.6	0.7	0.6	2.4	2.1	2.3	canal test opposite side see previous
14405831	0.5	0.6	0.6	2.2	2.4	2.3	mm 53.1 road vent test ...
14405832	0.5	0.5	0.5	2.4	1.9	2.1	*Retest stopped 20 ft from previous run
14405834	0.7	0.7	0.7	2.8	2.7	2.7	*Retest 6.20 sec run swamp but dry now
14405836	1.3	1.5	1.4	2.7	2.8	2.7	blank mm 61.9 Fallon NAS...
14405837	1.2	1.1	1.1	1.9	2.6	2.3	road vent test mm 61.9 ...
14405838	1.2	0.9	1.0	2.5	2.4	2.4	blank road vent test mm 62.7...
14405839	1.1	0.9	1.0	2.3	2.3	2.3	road vent 35 ft long mm 62.7 Fallon NAS .5 mile from from tank farm
14405840	0.5	0.6	0.6	1.8	2.5	2.2	Ken run retest date ong sampled when Fed DOT visit. Blank 250 ft from start of retest
14405841	0.7	0.6	0.6	2.2	2.2	2.2	*Retest 15 ft from original start

Sample ID#	1st R In pg	2nd R In pg	Validated R	1st E In pg	2nd E In pg	Validated E	Comment
14405844	0.5	0.6	0.6	1.7	1.4	1.6	*Retest run
14405846	0.6	0.5	0.6	2.5	2.3	2.4	blank 300 ft upwind of LS 4
14405848	0.7	0.4	0.6	89.9	87.5	88.7	LS 4 test wellong 2-3 mph
14405850	0.6	0.6	0.6	2.6	2.3	2.5	static Test test 100 ft from LS 4...
14405851	0.6	0.6	0.6	8.4	8.5	8.4	vent test Fallon NAS entrance MM 61 7 near LS 4...
14405852	0.5	0.2	0.4	NST	0.6	0.6	edge of canal behind sewer plant
14405853	0.5	0.6	0.5	1.8	2.0	1.9	other side of canal-sewer plant side 25 ft across
14405854	0.5	NST	0.5	1.9	NST	1.9	*Retest Emmanuel Church parking lot previous blanks
14405855	1.1	1.3	1.2	3.2	2.9	3.0	vent test across Maine Street...
14405856	0.6	0.7	0.7	1.6	1.9	1.7	*Retest blank RR bridge
14405857	0.6	0.6	0.6	1.5	1.4	1.4	*Retest 14405760 7 13 01...
14405858	0.5	0.6	0.6	1.1	1.4	1.2	*Retest 14905561 along cornells... blank other side Taylor Rd near 14405767 use this blank to retest Ken blank 14 15015993
14405860	0.6	0.5	0.5	1.3	1.4	1.3	*Retest of 14405767 Taylor Rd
14405861	0.5	0.5	0.5	1.2	1.3	1.5	*Retest 14405768 5 min run around junk
14405863	0.6	0.6	0.6	1.6	1.4	1.2	*Retest 15015993 Maine St stop at mm 57.8 and vent
14405866	0.5	0.5	0.5	1.2	1.3	1.2	*Retest 15015994-start at mm 57.8
14405868	0.5	NST	0.5	1.2	1.2	1.6	*Retest 15015995 stopped short of LS 3 175 ft
14405870	0.8	0.6	0.7	1.8	1.4	79.9	*Retest 15015996 over asphalt road and LS 3
14405872	0.9	0.7	0.8	82.8	77.0	1.7	*Retest 15015997 pass mm 58.4
14405874	0.7	0.8	0.8	2.0	1.4	1.7	*Retest 15015998 and 15015999-parallel to fence 6 min run stop 100 ft mm 58.6
14405877	1.1	NST	1.1	1.8	1.6	1.0	*Retest 15016000 start mm 58.6 cross hiway deep ditch 5 apx min run total...
14405879	0.4	0.6	0.5	0.9	1.2	1.7	*Retest 15016001 pass mm 58.7 dry canal storage bldg
14405881	0.7	0.7	0.7	1.6	1.8	1.0	*Retest 15016002 start storage unit and Emmanuel Church
14405883	0.5	0.5	0.5	1.0	1.1	0.7	*Retest blank church parking lot...
14405885	NST	0.4	0.4	NST	0.7	1.1	*Retest 14405771 Was run
14405886	0.6	NR	0.6	1.1	NR	0.7	*Retest 14405773 allafa field sample cap loose
14405889	0.5	NR	0.5	0.7	NR	2.2	*Retest 14405774
14405891	0.7	NR	0.7	2.2	NR	2.0	*Retest 14405775 and 14405776-pipe parallel to field then 45 degress 200 ft short of 2.0 mm 59.5 progress-tester field just cut
14405893	0.8	0.6	0.7	2.1	1.8	2.2	*Retest 14405 776 and 14405777 passing mm 59.5-on run
14405894	0.5	NR	0.5	2.2	NR	1.7	*Retest 14405777, 14405778 cross field then on dirt road
14405897	0.6	NR	0.6	1.7	NR	1.4	*Retest 14405779 behind sewer plant end at edge of swamp 25 ft across
14405899	0.5	NR	0.5	1.4	NR	2.1	Blank Retest run
14405902	NR	0.6	0.6	NR	2.1	1.3	*Retest part of 14405780 and part of 1440581 edge of 25 ft wide swamp by sewer plant
14405903	0.5	NR	0.5	1.3	NR	1.5	*Retest part of 14405781 and part of 14405782 cross several fences total run apx 5 1.5 min
14405905	0.8	0.5	0.7	1.5	1.5	1.5	*Retest rest of 14405782 crossed several fences and dry canal End Was run.
14405907	0.6	NR	0.6	1.5	NR	1.5	*Retest Ken 15016013 edge of canal through yard. apx 5 min total run time
14405909	0.9	0.6	0.8	1.4	1.6	1.8	*Retest 15016014
14405911	1.0	0.5	0.7	1.9	1.7	1.9	*Retest 15016018 start at edge-of dry canal
14405913	0.8	0.7	0.7	1.8	2.0	1.6	*Retest 15016019 cross paved road and two dry ing canals
14405915	0.5	NR	0.5	1.6	NR	1.7	*Retest 15016020-cross 1 canal
14405917	0.7	NR	0.7	1.7	NR	1.9	*Retest 15016021 6 min run time
14405919	0.7	0.6	0.6	2.1	1.7	3.3	*Retest at edge of ig canal entrance to Fallon NAS ...
14405922	1.5	1.6	1.5	3.4	3.2	4.0	*Retest 14405762 pass mm 58.3
14405924	1.5	2.2	1.9	3.8	4.1	1.9	*Retest 14405763 stop at edge of paved road
14405926	NST	0.8	0.8	1.9	1.9	1.5	*Retest 14405764
14405928	0.6	0.5	0.6	1.7	1.3	1.7	*Retest run at RR vent and mm 56.8
14405932	0.7	NR	0.7	1.7	NR	2.3	blank mm 54.1 just behind me
14405934	2.9	1.0	1.9	2.3	2.3	1.5	*Retest 15015990 start at vent cross York Rd mm 54.1 just behind
14405935	0.6	NR	0.6	1.5	NR	1.6	*Retest 15015981
14405936	0.6	NR	0.6	1.6	NR	1.7	*Retest 15015982
14405938	0.6	NR	0.6	1.7	NR		

Sample ID#	1st B In pg	2nd B In pg	Validated R	1st E In pg	2nd E In pg	Validated E	Comment
14405940	0.6	NR	0.6	1.6	NR	1.6	*Retest 15015983
14405942	0.6	NR	0.6	1.6	NR	1.6	*Retest 15015984
14405944	0.9	0.7	0.8	1.7	1.8	1.8	*Retest 15015985
14405946	1.0	1.0	1.0	1.6	1.6	1.6	*Retest 15015986 cross road stop at mm 55.3
14405948	0.6	NR	0.6	1.5	NR	1.5	*Retest 15015987 start mm 55.3 end Carson River
14405950	1.3	0.7	1.0	1.9	1.6	1.8	edge of Carson River static test
14405951	0.7	NR	0.7	2.0	NR	2.0	*Retest-15015988 start other side of Carson River swamp but passable
14405952	0.8	0.7	0.8	2.0	1.7	1.9	more swamp. End location not accurate
14405954	0.8	1.2	1.0	1.8	2.1	1.9	*Retest 15015988 and 15015989 stop at lg canal 80 ft across -1906 bridge
14405956	0.7	0.5	0.6	1.8	1.6	1.7	*Retest 15107990 blank behind Walmart
14405958	NR	0.7	0.7	NR	1.8	1.8	*Retest 15015991 start at vent behind Walmart near mm 58.8
14405961	1.9	1.8	1.8	3.5	3.3	3.4	*Retest 15015992 Adjust conc for 6 min total run time... grass dirt road cross Taylor road
14405963	NR	0.6	0.6	NR	1.6	1.6	*Retest.. Ken called in coord but no lab ref... mm 58.6 and hiway vent end...
14405966	NR	0.7	0.7	NR	1.8	1.8	vent test mm 58.6 under main hwy 55-60 ft long
14405967	NR	0.5	0.5	NR	1.7	1.7	vent test near mm 58.6 behind Walmart apx 65 ft long
14405968	NR	0.6	0.6	NR	1.2	1.2	*Retest 15015971 start edge of sm canal
14405970	0.7	NR	0.7	1.6	NR	1.6	blank between mm 50.3 and 51.1
14405971	0.7	NR	0.7	1.0	NR	1.0	*Retest 14405750 curious horses
14405974	0.8	NR	0.8	160.2	NR	160.2	LS test mm 48.8
14405975	0.9	NR	0.9	151.2	NR	151.2	LS 2 test
15015949	6.3	6.3	6.3	2.9	3.6	3.3	is-2 tracer E
15015952	13.1	14.1	13.6	2.1	3.1	2.6	is-3 air blank recent rain
15015953	0.9	1.3	1.1	251.9	253.4	252.7	Test over leak 3 sim E rain 1 hour prior
15015955	2.1	1.9	2.0	NST	3.0	3.0	is 4 air blank rain 1 hour prior
15015957	0.8	0.8	0.8	218.3	215.0	216.6	leak sim 4 ...
15015958	7.8	6.5	7.2	291.2	289.4	290.3	leak sim 2 rain
15015959	3.9	2.5	3.2	NST	4.5	4.5	air blank is 1 rain prior
15015960	18.4	25.4	21.9	258.8	271.1	265.0	is 1 rain
15015961	NST	1.1	1.1	2.3	1.7	2.0	air blank at 51.1 mark
15015962	7.9	4.8	6.4	NR	1.5	1.5	start at 51.1 cross small river 1 minute
15015963	0.7	0.9	0.8	0.6	1.5	1.1	
15015965	2.0	1.4	1.7	1.9	1.1	1.5	
15015966	NR	1.1	1.1	NR	2.3	2.3	
15015967	NR	2.8	2.8	NR	3.8	3.8	
15015968	NR	16.9	16.9	NR	0.9	0.9	
15015969	10.0	10.8	10.4	NR	NR	NR	stop at river
15015970	NR	12.8	12.8	NR	1.4	1.4	air blank start of day Ken
15015971	2.6	5.6	4.1	1.6	1.8	1.7	start run at river sun
15015972	1.3	1.4	1.3	0.8	1.3	1.0	Pass over 40 feet asphalt
15015973	NR	1.8	1.8	NR	1.8	1.8	
15015974	NR	1.1	1.1	NR	1.1	1.1	
15015975	0.4	0.7	0.5	0.6	1.6	1.1	river crossings 3 min into run stop run at river meet with state
15015976	NR	1.5	1.5	NR	1.5	1.5	start at river crossing
15015978	1.7	1.4	1.5	1.3	2.2	1.8	
15015979	16.5	NR	16.5	0.9	NR	0.9	cross road, river @ 53.1 m vent
15015980	34.1	23.5	28.8	1.2	1.0	1.1	start at vent cross road
15015981	37.9	31.8	34.9	1.4	1.4	1.4	mixed grass bare soil
15015982	1.0	5.3	3.2	1.0	1.8	1.4	
15015983	2.2	NST	2.2	1.2	1.7	1.5	
15015984	1.8	NST	1.8	1.5	1.9	1.7	
15015985	6.8	11.6	9.2	0.6	2.0	1.3	
15015986	0.9	NST	0.9	0.8	1.7	1.2	cross paved road @ 55.3 vent stop

Sample ID#	1st R In pg	2nd R In pg	Validated R	1st E In pg	2nd E In pg	Validated E	Comment
15015987	1.1	NST	1.1	1.4	1.9	1.7	start 53.3 end at river
15015988	6.6	7.0	6.8	0.8	2.1	1.4	Start at swamp
15015989	0.6	NST	0.6	0.9	1.9	1.4	cross road stop at river
15015990	189.6	187.3	188.5	2.3	1.9	2.1	air blank near 58.8
15015991	NST	19.0	19.0	1.9	0.8	1.3	start at RR tracks cross dirt lot . asphalt road
15015992	7.8	8.9	8.4	1.9	1.9	1.9	grass dirt road cross taylor road
15015993	39.8	49.2	44.5	2.6	3.2	2.9	start at Maine St stop at 57.8 and vent cross road Ken
15015994	5.5	NR	5.5	2.4	NR	2.4	start-at 57.8
15015995	1.9	3.8	2.9	3.1	3.3	3.2	
15015996	1.9	3.3	2.6	178.0	171.4	174.7	pass asphalt road & leak sim 3
15015997	2.9	3.2	3.1	5.9	5.6	5.7	pass 58.4 marker stop at fence row
15015998	3.1	3.4	3.3	3.2	3.3	3.3	
15015999	1.9	1.9	1.9	3.1	2.8	3.0	Stop at 58.6 mile
15016000	1.7	NST	1.7	2.6	3.4	3.0	start 58.8 cross road . wash
15016001	2.9	1.9	2.4	2.6	2.3	2.4	pass 58.7 dry canal, storage bldg stop before road
15016002	3.4	NR	3.4	1.8	NR	1.8	start storage bldg
15016003	3.1	NST	3.1	1.4	3.0	2.2	air blank at church
15016013	0.5	NST	0.5	2.0	2.0	2.0	start at canal through fenced yard
15016014	1.0	0.9	1.0	2.2	2.8	2.5	
15016015	1.7	1.5	1.6	3.0	3.2	3.1	
15016017	2.2	2.6	2.4	2.2	2.9	2.6	stop at dry img ditch
15016018	1.1	1.1	1.1	2.1	2.1	2.1	stop at k.m. sign before road
15016019	0.8	1.0	0.9	2.2	2.6	2.4	Cross Road. cross two rverbeds
15016020	0.8	1.0	0.9	2.6	2.4	2.5	cross img.
15016021	0.8	1.1	1.0	2.2	2.5	2.3	
15016023	0.7	0.9	0.8	2.1	2.4	2.3	
15016024	0.7	1.0	0.9	1.9	2.4	2.1	stop at river...
15016025	0.6	NST	0.6	1.6	1.9	1.7	5 min sample from n. side of river
15016027	0.7	0.8	0.8	2.8	2.7	2.7	south side of river crosses 61.7 mile 5 minute run
15016028	0.6	0.4	0.5	169.5	159.1	164.3	start S. side of canal at 61.7 cross road . l.s. 4 stop at fence of base
15016029	0.6	0.7	0.6	4.4	3.7	4.0	Air Blank
15016030	0.7	0.7	0.7	2.5	2.6	2.5	air blank
15016032	0.7	0.9	0.8	2.3	2.8	2.5	5 min run E. side of Y river
15016033	0.8	0.7	0.8	2.2	2.3	2.3	5 min run W. side of Y river
15016034	1.0	1.4	1.2	1.7	1.7	1.7	*Retest start cross road, pass 51.1, cross stream...
15016035	0.8	0.7	0.8	2.4	2.2	2.3	W side of im. can.
15016036	0.5	0.5	0.5	1.7	1.7	1.7	E end of river crossing
15016037	0.5	0.4	0.5	1.2	0.9	1.1	*Retest start at img canal
15016038	0.5	0.5	0.5	1.7	1.6	1.7	*Retest pipe
15016039	0.6	0.7	0.6	1.9	2.3	2.1	*Retest start at 53.1 cross road, img. vents
15016040	0.6	0.7	0.7	2.7	2.8	2.7	air blank on
15016041	1.1	0.7	0.9	209.1	195.4	202.2	Test over L.S. 1
15016042	0.7	0.7	0.7	2.2	2.3	2.3	*Retest of Pipe section
15016043	0.7	0.6	0.7	177.8	179.6	178.7	drag L.S. 2 next to SMI JOIST
15016044	0.7	0.7	0.7	134.8	129.4	132.1	L.S. 3
15016045	0.4	0.6	0.5	141.7	163.0	152.4	L.S. 4 cross road

Table F2: Sample Descriptors

Sample ID#	Date (DD/MM/YY)	Type	Sample Tube # 1st tube	Sample Tube # 2nd Tube	Start Time	End Time
10600493	27-07-2001	Test	638	356	12:00:00	12:05:30
10600494	28-07-2001	Test	54	159	12:30:00	12:36:00
10600495	28-07-2001	Test	44	114	12:45:00	12:50:00
10600496	28-07-2001	Test	358	92	13:30:00	13:35:00
10600497	29-07-2001	Test	584	183	16:03:00	16:08:10
10600498	29-07-2001	Test	590	431	17:18:00	17:24:47
10600499	29-07-2001	Test	374	343	18:13:00	18:18:00
10600500	29-07-2001	Test	362	269	18:48:00	18:53:04
10600501	29-07-2001	Test	65	93	19:12:00	19:17:00
14405720	10/07/2001	Blank	527	645	14:17:13	14:22:18
14405721	10/07/2001	Test	22	616	14:32:24	14:35:23
14405722	10/07/2001	Blank	705	646	14:50:04	14:54:57
14405723	10/07/2001	Test	180	68	15:00:06	15:02:14
14405724	10/07/2001	Blank	544	639	15:29:40	15:34:41
14405725	10/07/2001	Test	700	709	15:39:28	15:45:00
14405726	10/07/2001	Blank	652	530	16:16:37	16:21:35
14405727	10/07/2001	Test	686	660	16:26:25	16:31:41
14405728	12/07/2001	Test	604	684	14:05:08	14:10:09
14405729	12/07/2001	Test	44	634	14:22:57	14:27:59
14405730	12/07/2001	Test	361	311	14:36:58	14:41:59
14405731	12/07/2001	Test	437	312	15:15:50	15:20:50
14405732	12/07/2001	Test	638	54	15:27:45	15:32:44
14405733	12/07/2001	Test	403	510	15:38:42	15:43:42
14405734	12/07/2001	Test	374	325	15:48:49	15:53:28
14405735	12/07/2001	Test	615	583	16:02:07	16:07:11
14405736	12/07/2001	Test	163	356	16:19:56	16:24:55
14405737	12/07/2001	Test	675	48	16:32:25	16:37:29
14405739	12/07/2001	Test	535	228	16:49:25	16:54:39
14405740	12/07/2001	Test	664	656	17:09:03	17:14:08
14405741	12/07/2001	Test	537	557	17:20:16	17:25:15
14405742	12/07/2001	Test	514	422	17:30:29	17:42:01
14405743	12/07/2001	Test	344	373	17:49:50	17:55:12
14405745	12/07/2001	Blank	648	387	18:11:36	18:16:41
14405746	12/07/2001	Test	623	391	18:32:08	18:37:11
14405747	12/07/2001	Test	525	45	18:41:25	18:46:20
14405748	12/07/2001	Test	590	587	18:52:03	18:57:19
14405749	12/07/2001	Test	184	162	19:08:15	19:13:59
14405750	12/07/2001	Test	635	502	19:17:57	19:23:44
14405751	12/07/2001	Test	466	338	19:29:30	19:35:54
14405752	13-07-2001	Test	548	669	10:26:12	10:31:45
14405753	13-07-2001	Test	695	247	10:37:00	10:42:23
14405754	13-07-2001	Test	105	625	10:51:00	10:56:13
14405755	13-07-2001	Test	562	284	11:00:17	11:06:30
14405756	13-07-2001	Test	546	274	11:12:30	11:19:02
14405757	13-07-2001	Test	129	518	11:25:00	11:30:07
14405758	13-07-2001	Test	189	506	11:36:00	11:41:53
14405759	13-07-2001	Test	580	475	11:48:12	11:54:02
14405760	13-07-2001	Test	616	441	16:42:02	16:48:06
14405761	13-07-2001	Test	381	415	16:56:30	17:01:42
14405762	13-07-2001	Test	306	646	17:39:06	17:44:09
14405763	13-07-2001	Test	541	78	17:50:04	17:55:37
14405764	13-07-2001	Test	180	686	18:03:00	18:08:03
14405765	13-07-2001	Test	645	22	18:12:04	18:18:01

Sample ID#	Date (DDMMYY)	Type	Sample Tube # 1st Tube	Sample Tube # 2nd Tube	Start Time	End Time
14405766	13-07-2001	Test	497	544	18:24:00	18:29:00
14405767	13-07-2001	Test	396	569	19:13:02	19:18:14
14405768	13-07-2001	Test	307	480	19:22:36	19:38:01
14405769	13-07-2001	Blank	467	104	19:49:30	19:54:30
14405770	14-07-2001	Blank	193	375	16:23:07	16:28:07
14405771	14-07-2001	Test	482	359	16:39:30	16:44:34
14405773	14-07-2001	Test	366	40	16:52:00	16:57:00
14405774	14-07-2001	Test	185	271	17:06:02	17:11:16
14405775	14-07-2001	Test	52	378	17:15:00	17:21:50
14405776	14-07-2001	Test	118	489	17:29:00	17:35:16
14405777	14-07-2001	Test	485	367	17:43:10	17:48:52
14405778	14-07-2001	Test	533	215	18:01:00	18:05:14
14405779	14-07-2001	Test	632	141	18:11:02	18:16:27
14405780	14-07-2001	Test	641	462	18:21:36	18:56:15
14405781	14-07-2001	Test	477	487	19:05:16	19:09:30
14405782	14-07-2001	Test	282	600	19:19:00	19:27:00
14405790	17-07-2001	Blank	213	187	15:18:00	15:24:00
14405792	17-07-2001	Test	79	358	15:37:00	15:42:38
14405793	17-07-2001	Test	356	82	15:49:00	15:55:00
14405794	17-07-2001	Test	258	537	16:00:00	16:06:00
14405795	17-07-2001	Test	374	214	16:11:00	16:17:02
14405798	17-07-2001	Test	445	362	17:30:03	17:35:01
14405800	17-07-2001	Test	92	246	17:51:06	17:56:02
14405801	17-07-2001	Test	568	114	18:05:00	18:10:00
14405802	17-07-2001	Test	312	34	18:15:01	18:20:00
14405803	17-07-2001	Test	642	635	18:25:11	18:30:13
14405804	17-07-2001	Test	58	562	18:39:00	18:41:45
14405809	18-07-2001	Blank	431	71	10:48:04	10:53:49
14405812	18-07-2001	Test	419	350	11:15:00	11:20:00
14405815	18-07-2001	Test	48	543	11:36:04	11:41:00
14405816	18-07-2001	Test	615	361	13:13:00	13:18:00
14405818	18-07-2001	Test	624	663	13:25:00	13:30:04
14405820	18-07-2001	Test	394	399	13:43:00	13:48:06
14405822	18-07-2001	Blank	334	590	15:37:13	15:42:13
14405823	18-07-2001	Test	44	192	15:56:23	16:01:21
14405824	18-07-2001	Test	387	195	16:05:00	16:09:00
14405826	18-07-2001	Test	176	634	16:46:00	16:50:00
14405828	18-07-2001	Test	675	109	16:58:00	17:03:00
14405829	18-07-2001	Test	407	27	18:19:09	18:24:10
14405830	18-07-2001	Test	584	343	18:30:07	18:35:07
14405831	18-07-2001	Test	483	470	19:32:00	19:37:00
14405832	18-07-2001	Test	357	93	19:59:07	20:04:07
14405834	18-07-2001	Test	384	159	20:27:05	20:33:48
14405836	20-07-2001	Blank	656	303	13:00:01	13:07:06
14405837	20-07-2001	Test	611	473	13:16:19	13:21:19
14405838	20-07-2001	Blank	278	228	13:38:00	13:43:00
14405839	20-07-2001	Test	417	455	13:46:09	13:51:25
14405840	22-07-2001	Blank	175	160	16:07:00	16:12:00
14405841	22-07-2001	Test	189	528	16:29:00	16:34:22
14405844	22-07-2001	Test	202	53	16:49:08	16:54:12
14405846	22-07-2001	Blank	478	673	17:20:33	17:25:33
14405848	22-07-2001	Test	184	110	17:32:00	17:37:00
14405850	22-07-2001	Test	63	423	17:48:00	17:53:00
14405851	22-07-2001	Test	548	311	18:07:00	18:12:00