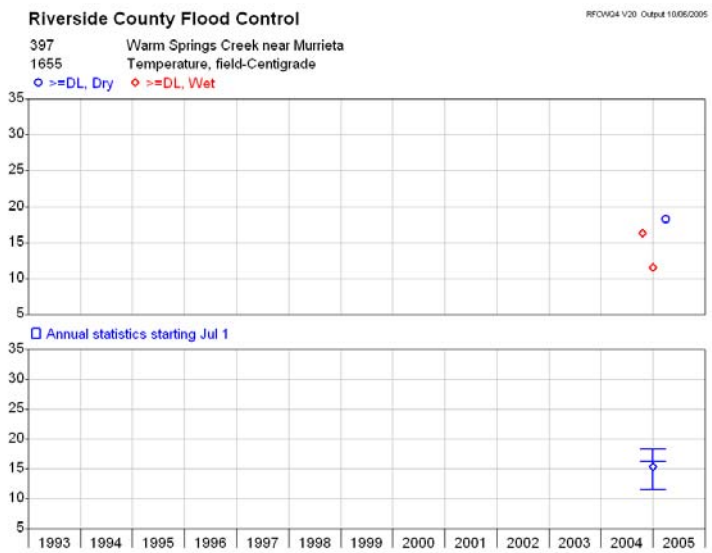
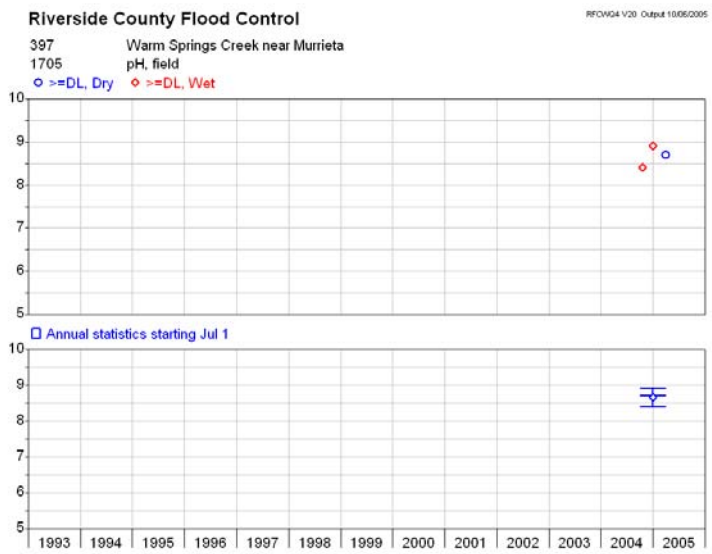
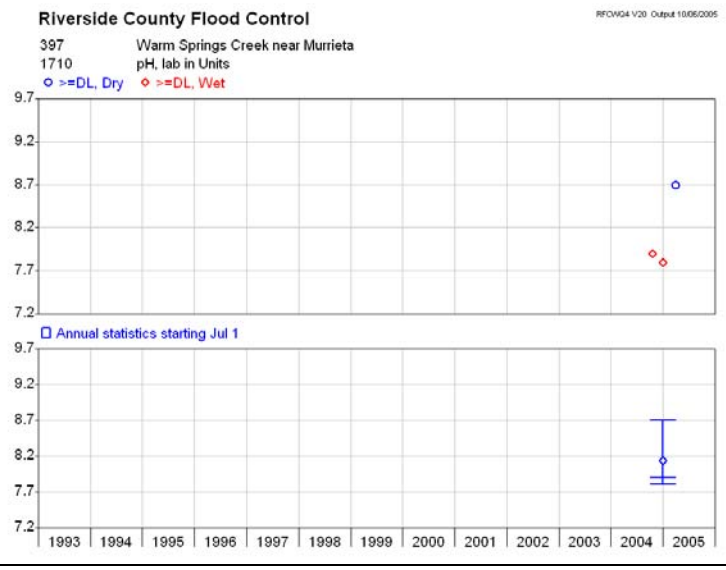
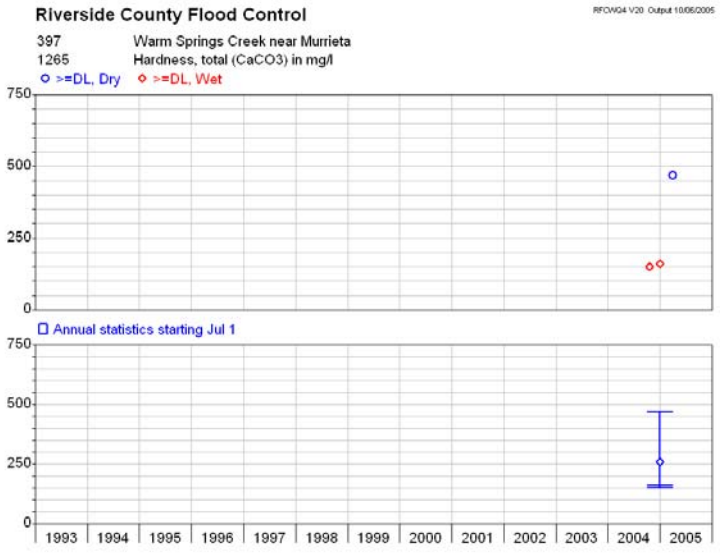
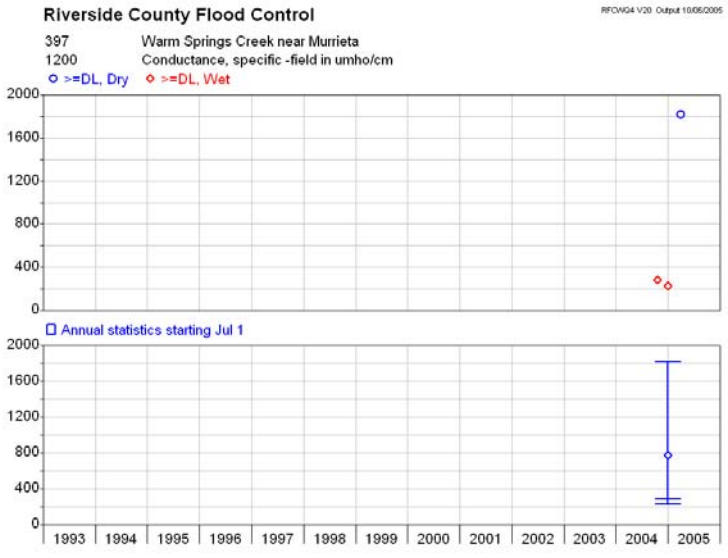
Tributary - Station Name: Warm Springs Creek

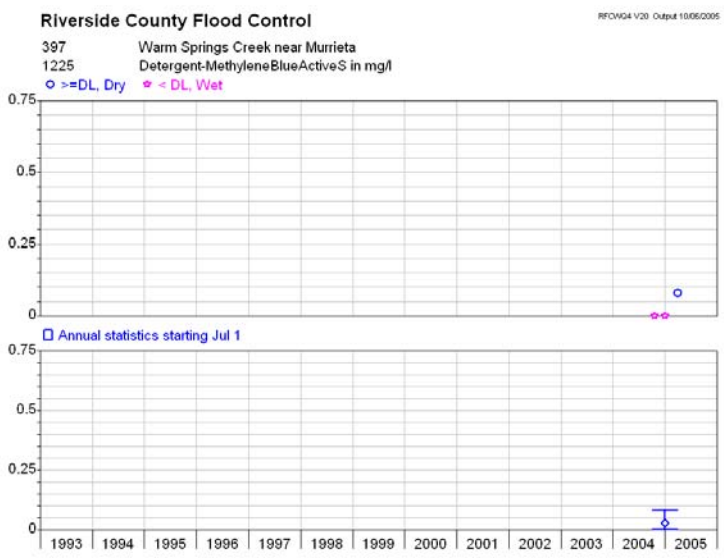
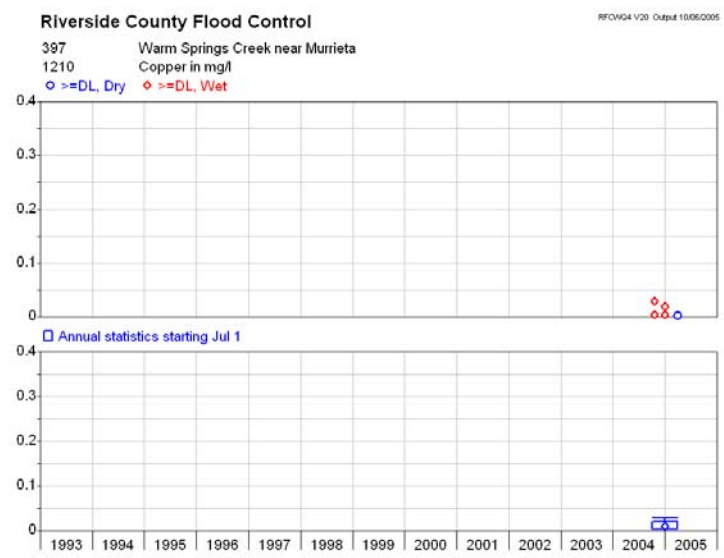
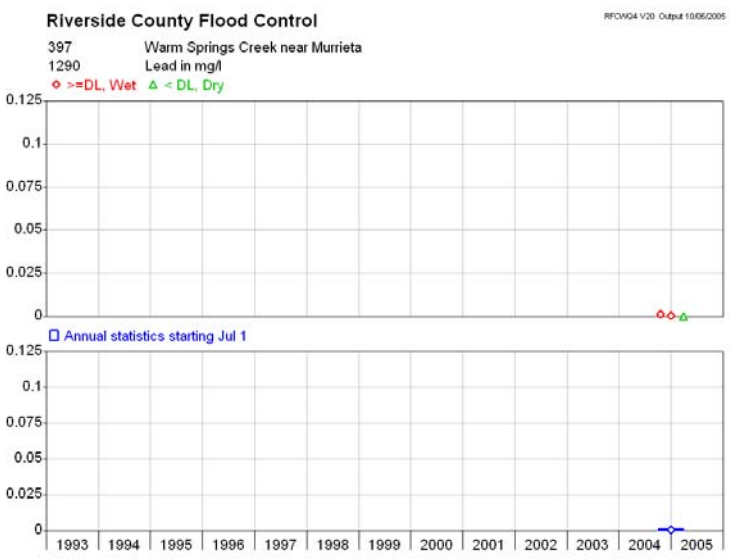
Hydron Reference #: 397

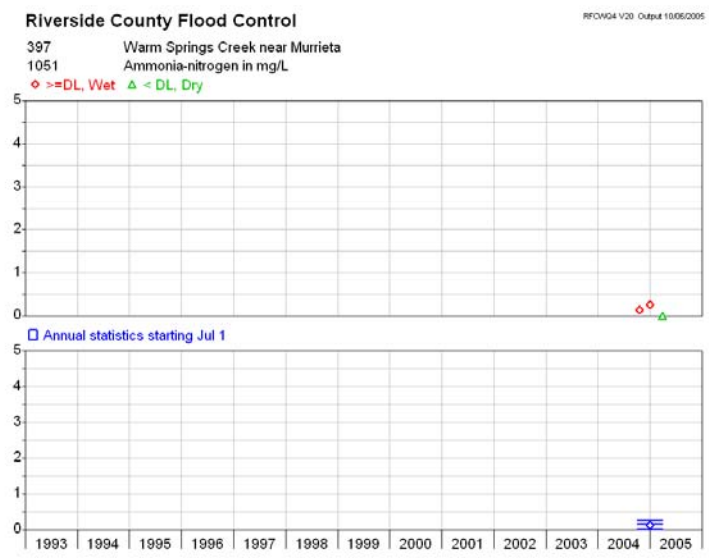
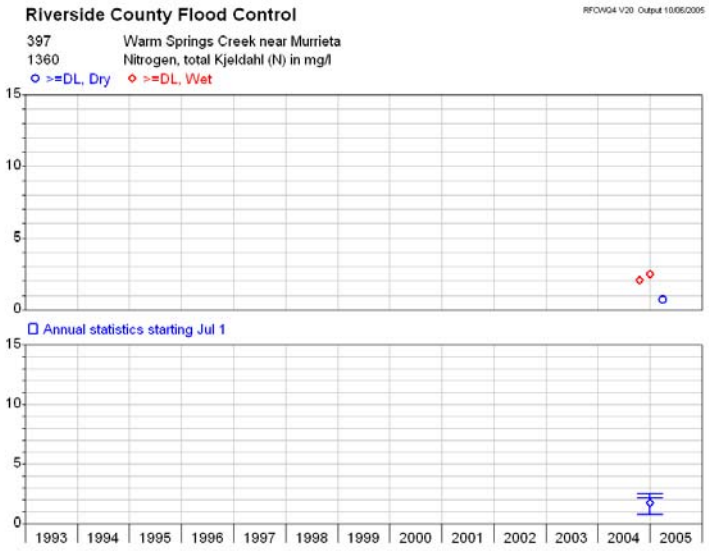
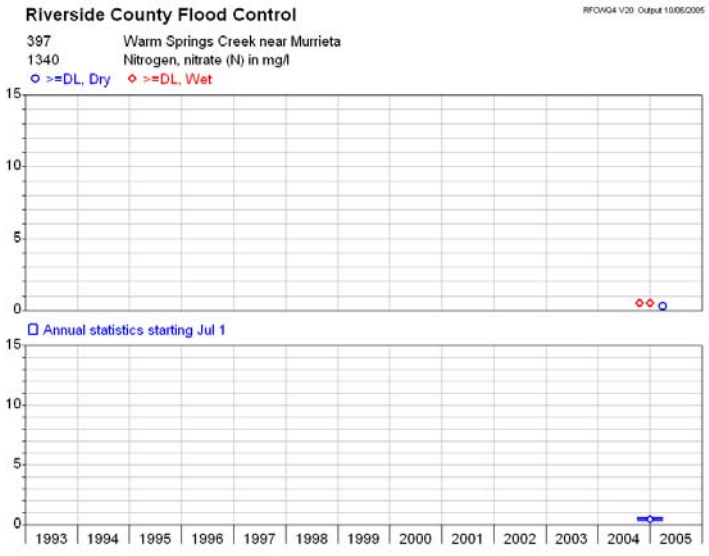
Data Analysis

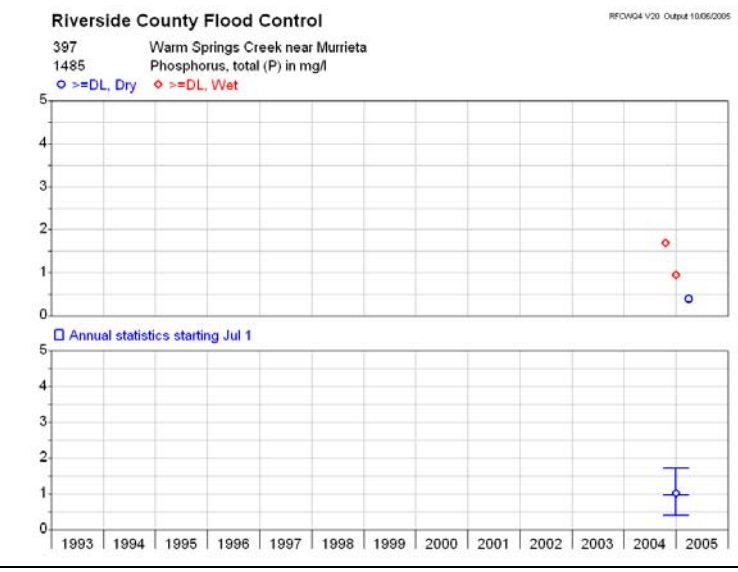
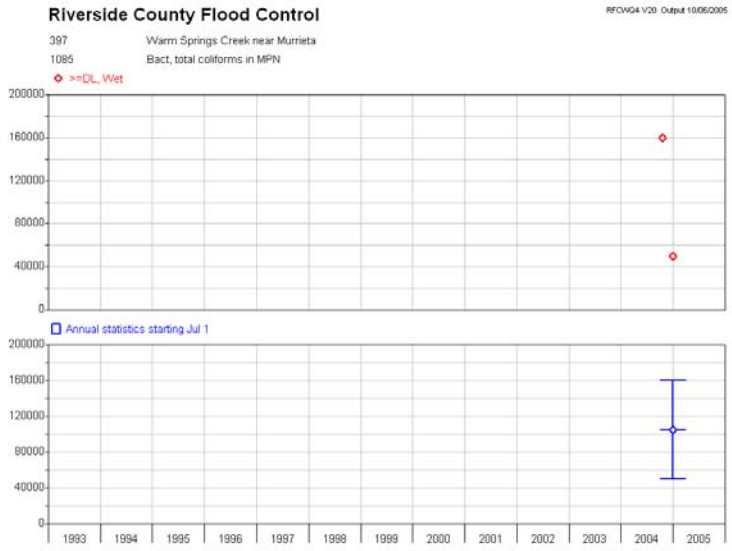
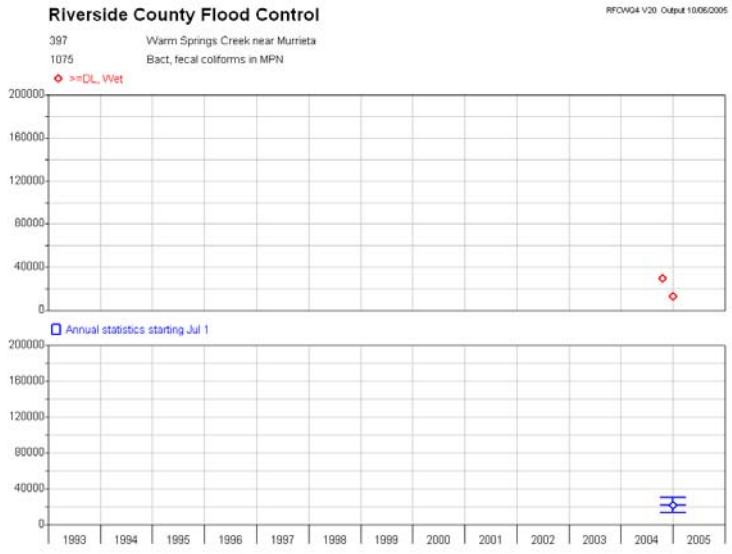
The detailed data analyses below are for Core monitoring parameters identified in M&RP No. R9-2004-001 [II.A.I.1.h)].

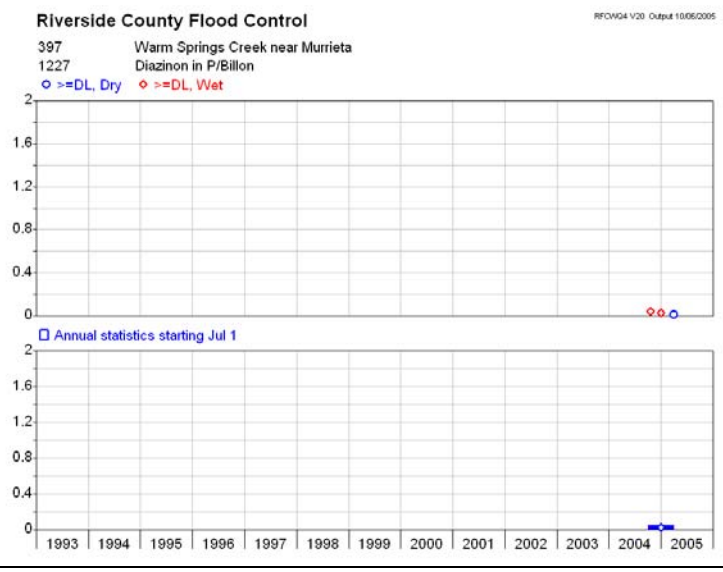
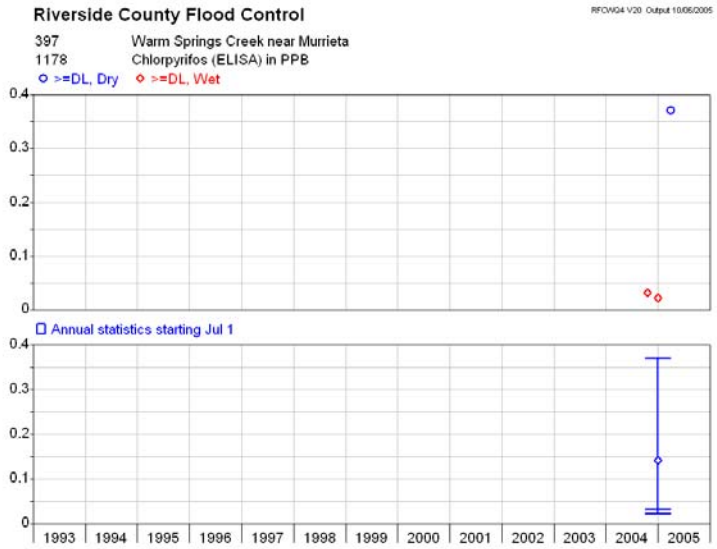
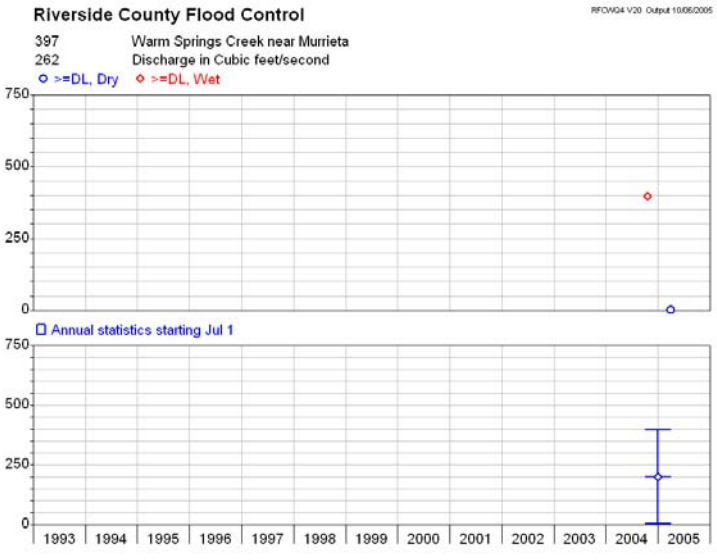
	Temperature (#1655, deg. C)
	pH(#1705, field; #1710, lab) Exceedences in both field and lab turbidity noted at stations 768, 769, 776, 779, and 404. Exceedences in only field pH noted at stations 828, 777, and 778. Exceedences in only lab pH noted at stations 771 and 772.

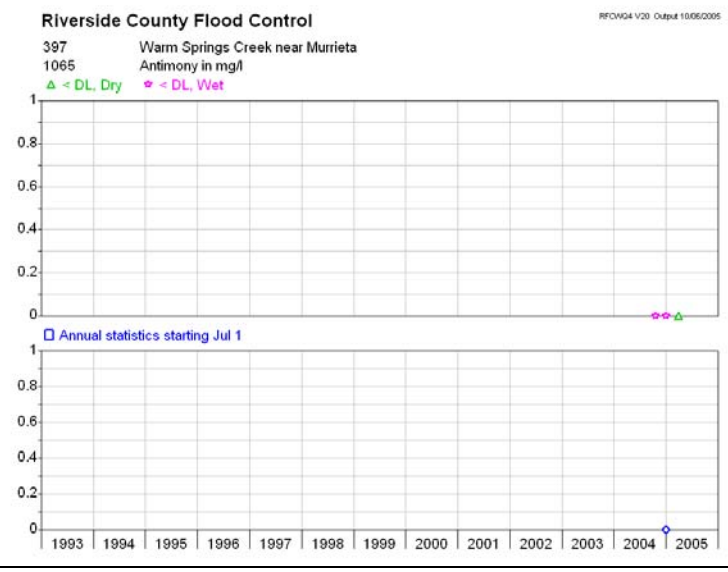
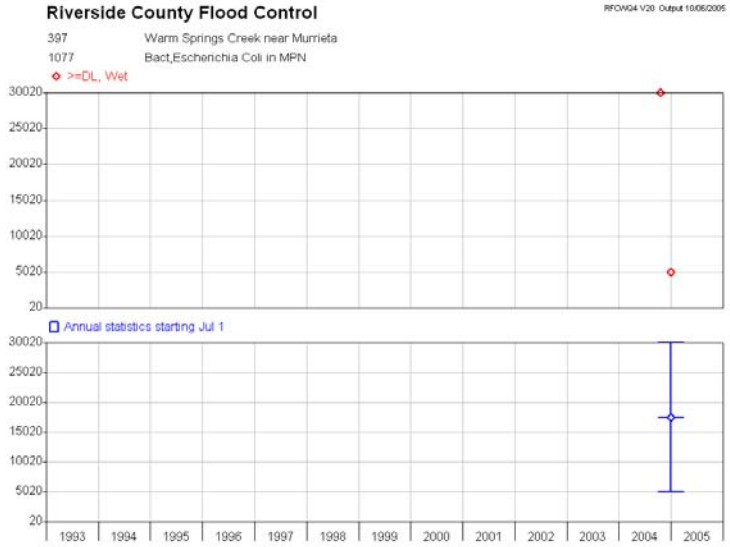
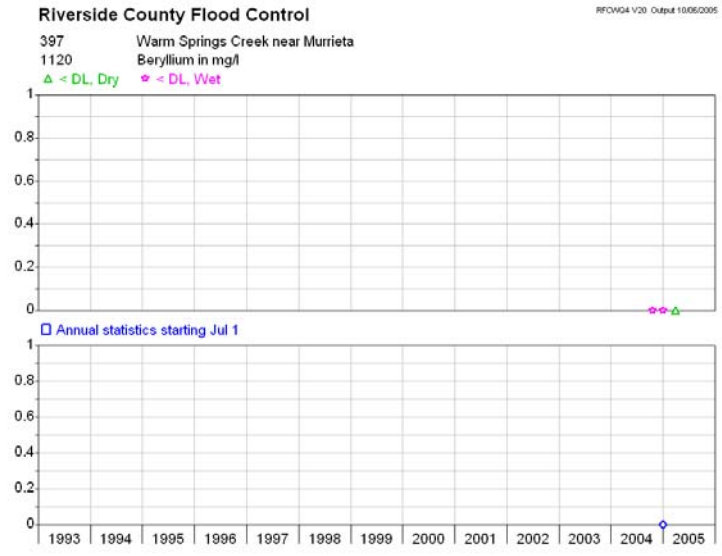
	
	Total Hardness(1265)
	Sp. Conductance, lab (1205)

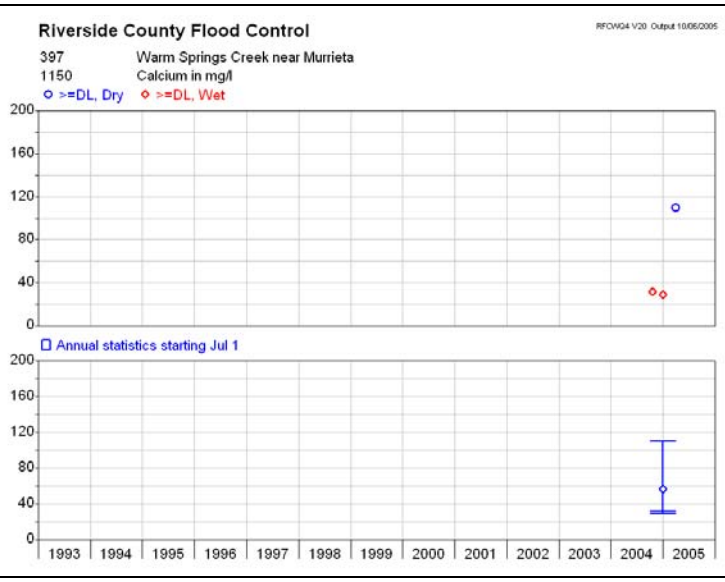
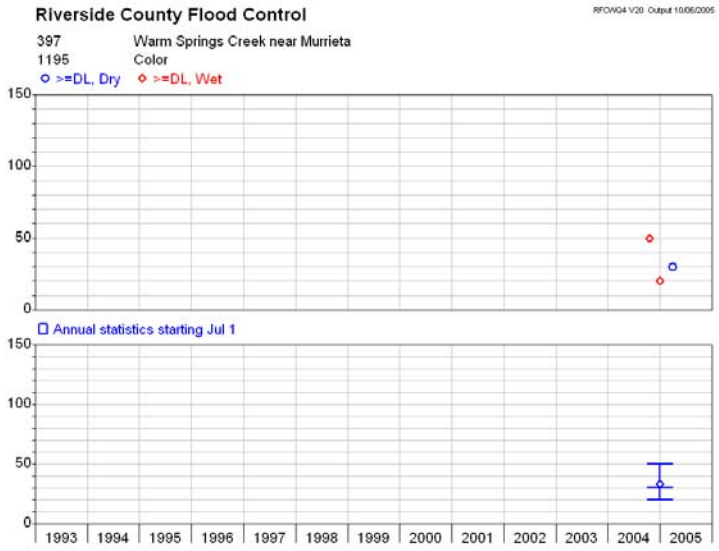
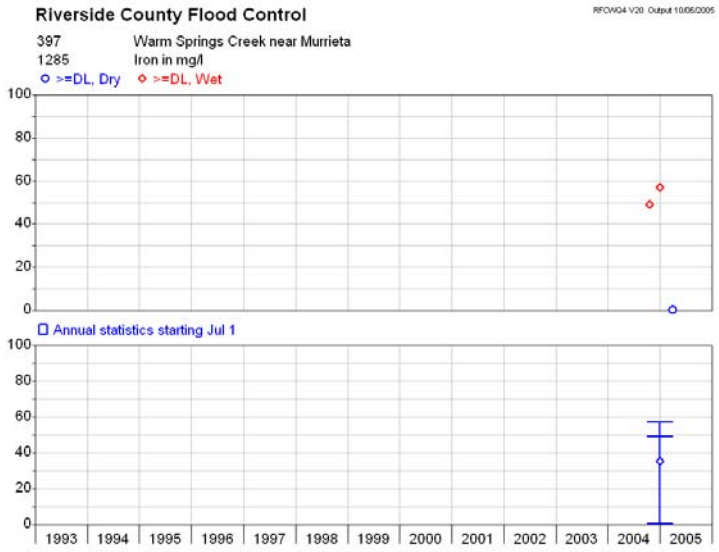
	MBAS (1225)
	Copper (1210)
	Lead(1290)

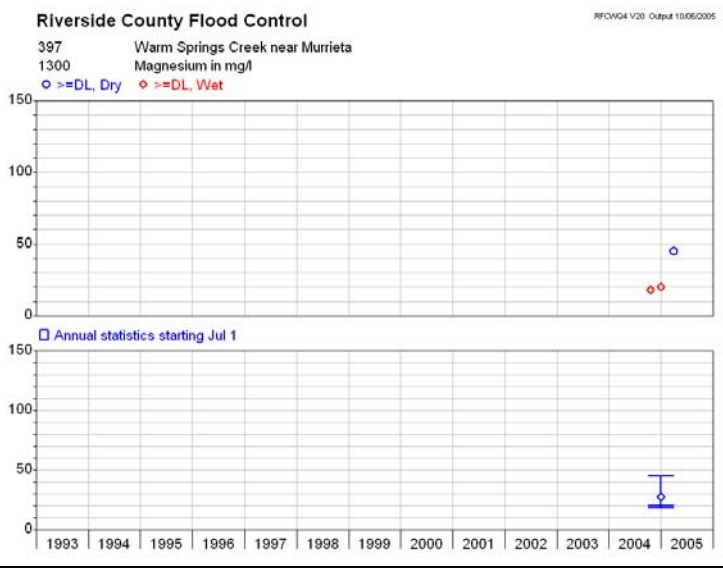
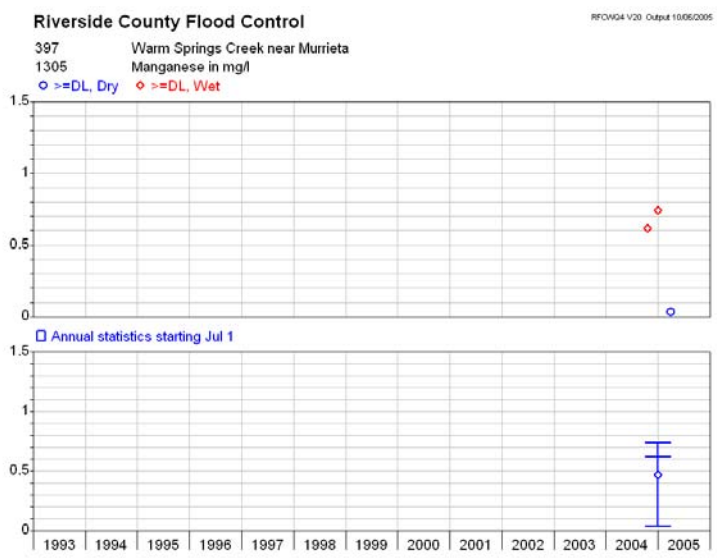
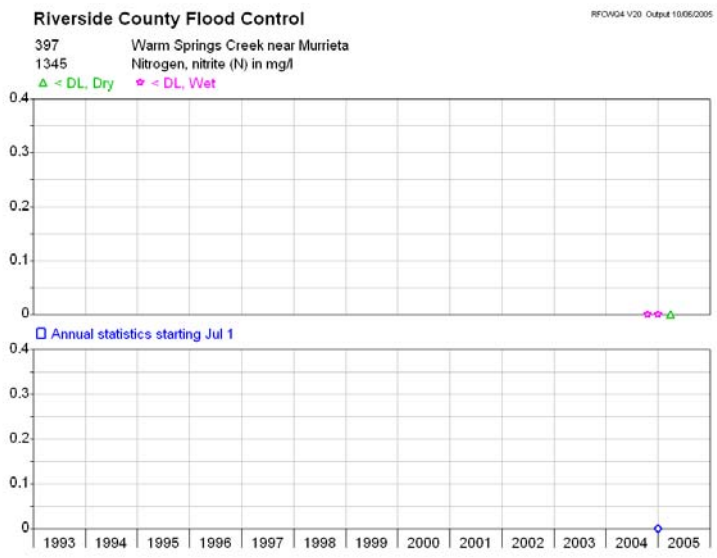
	Ammonia-Nitrogen (1051)
	Kjeldahl-N (1360)
	Nitrate (1340)

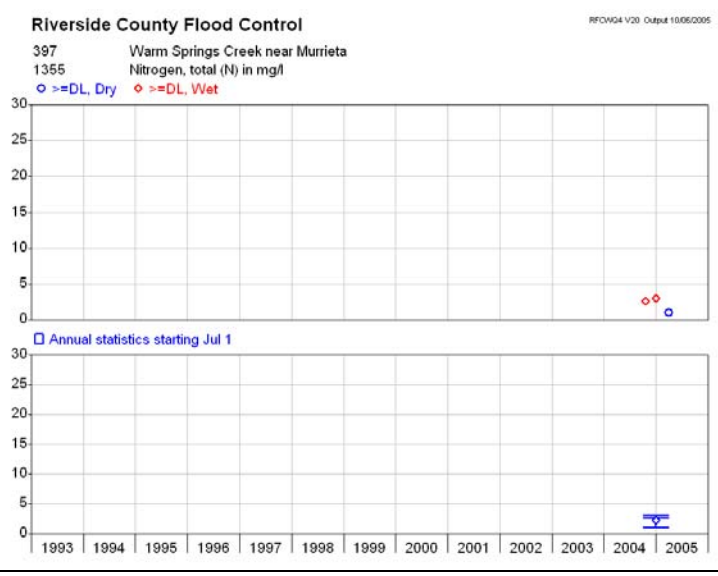
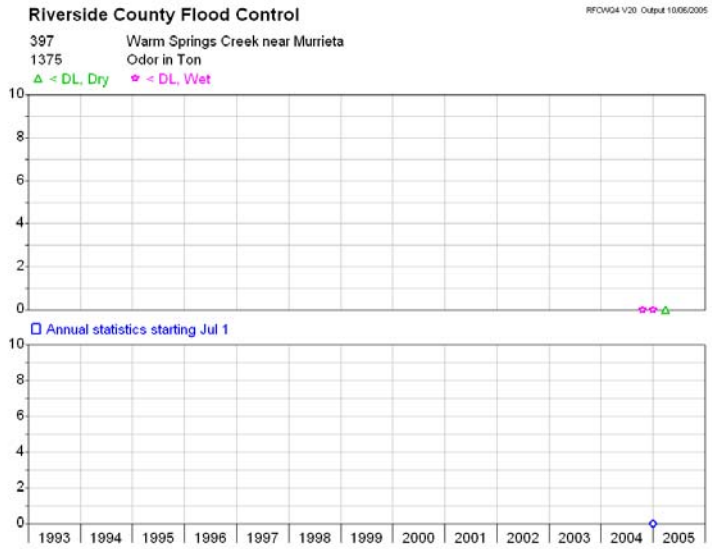
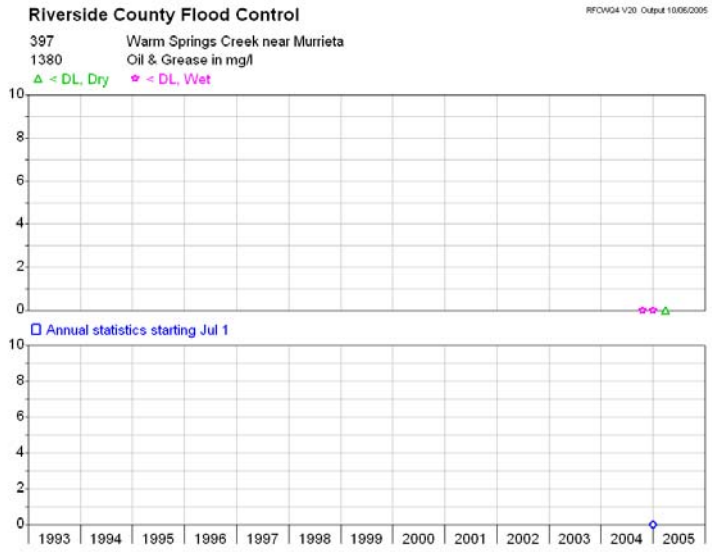
	TP(1485)
	Total Coliforms(1085)
	Fecal Coliforms(1075)

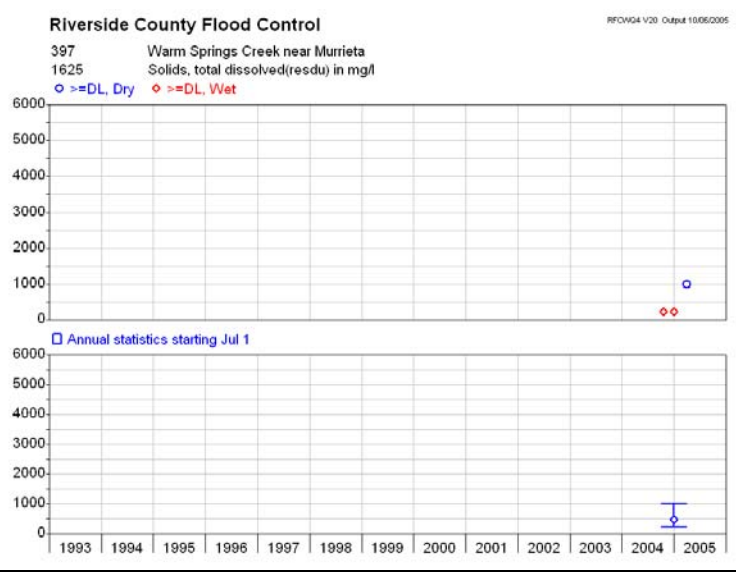
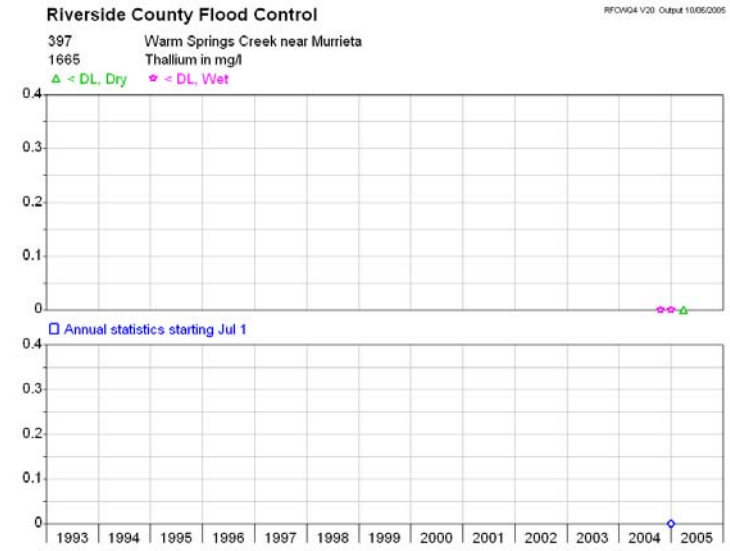
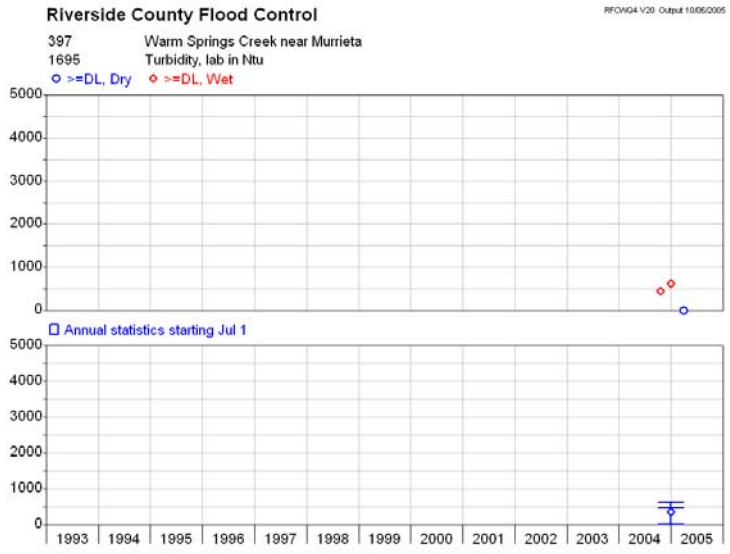
	Diazanon(1227)
	Chlorpyrifos(1178)
	Discharge(262)

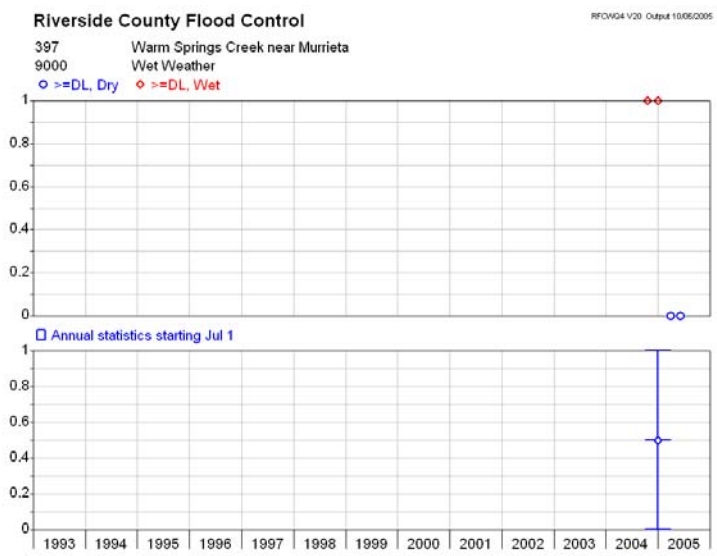
	Antimony(1065)
	E Coli(1077)
	Beryllium(1120)

	Calcium (1150)
	Color (1195)
	(Iron, 1285)

	(Magnesium, 1300)
	(Manganese, 1305)
	Nitrite(1345)

	TN(1355)
	Odor(1375)
	Oil and Grease (1380)

	TSS(1625)
	**Thallium(1665)**
	Turbidty, lab (1695)

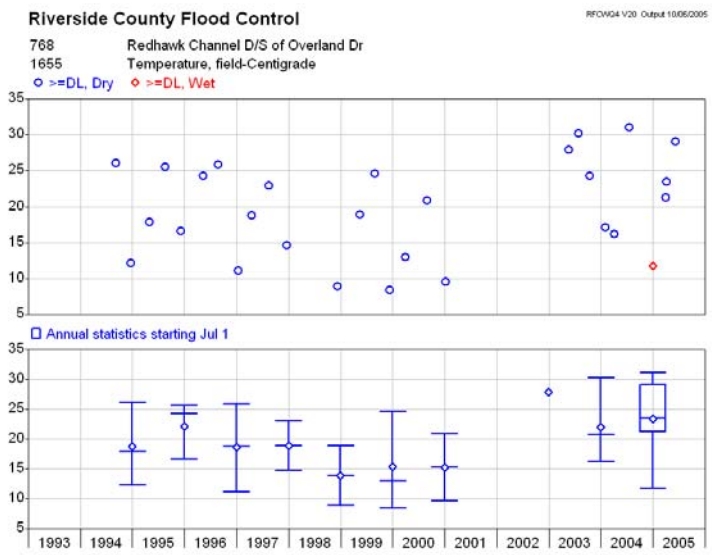
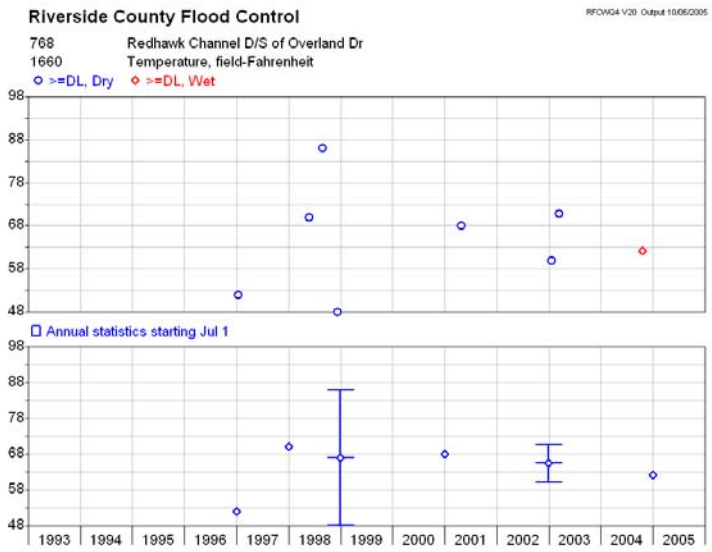
	Wet Weather (9000)

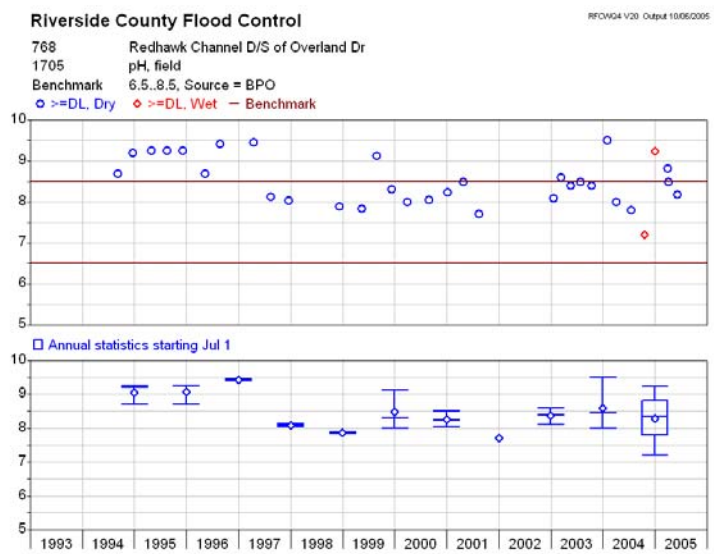
Tributary - Station Name: Redhawk

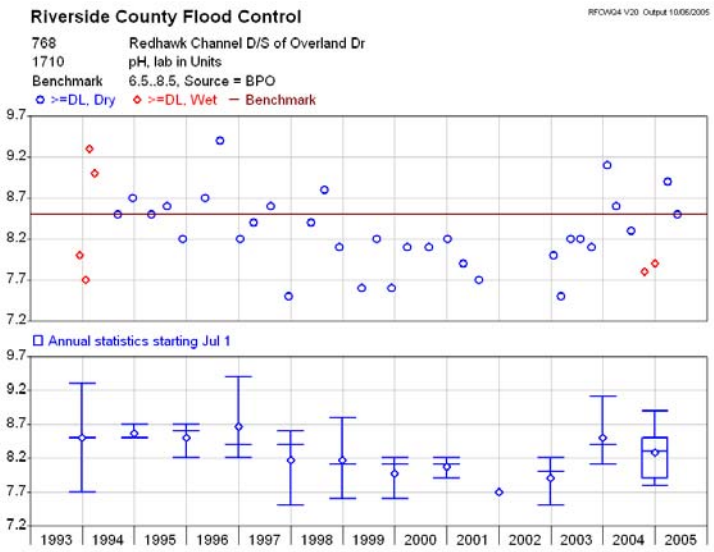
Hydron Reference #: 768

Data Analysis

The detailed data analyses below are for Core monitoring parameters identified in M&RP No. R9-2004-001 [II.A.I.1.h)].

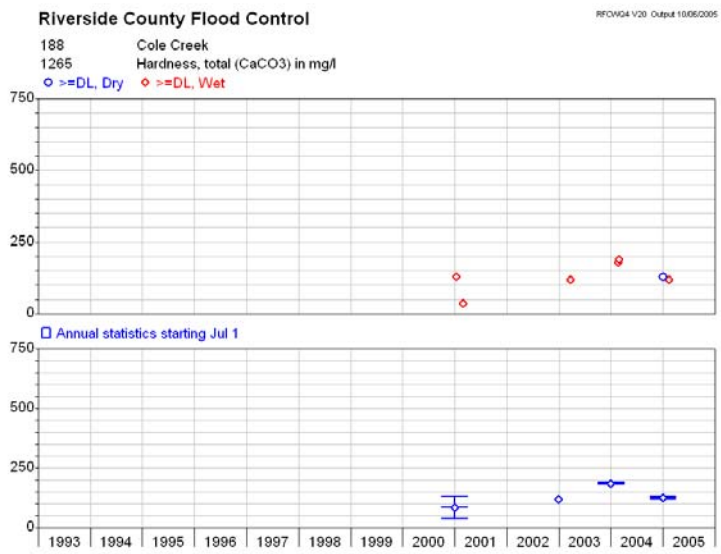
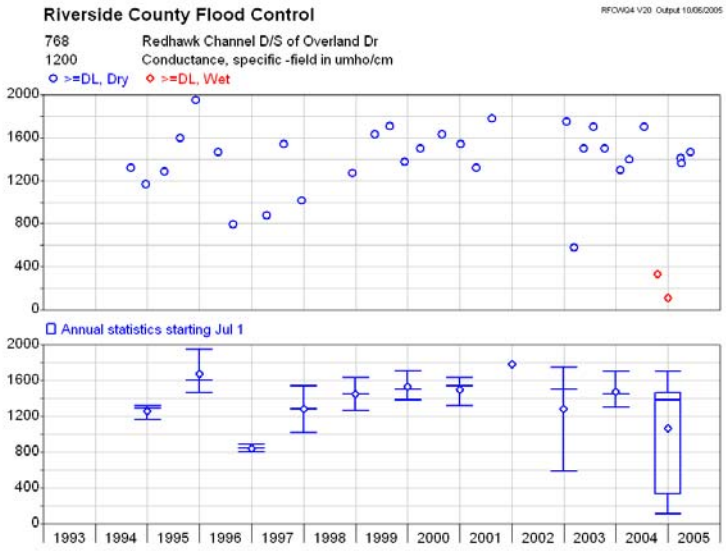
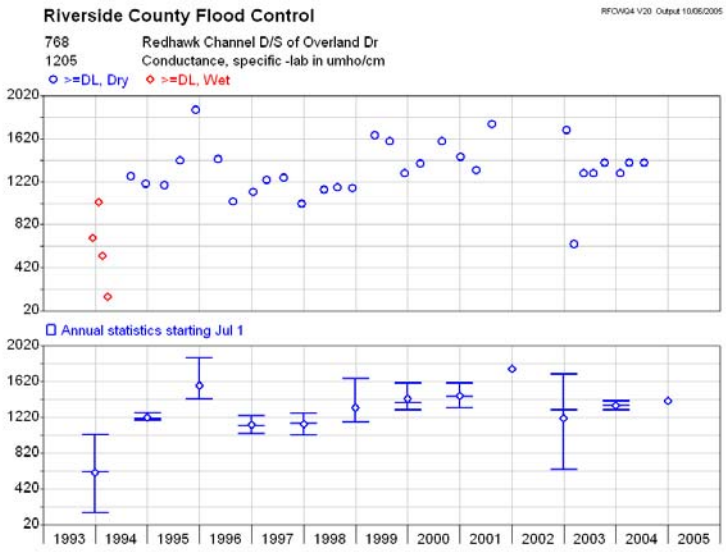
  3RD GRAPH ?? Temp, field-fahrenheit	Temperature (#1655, deg. C; #1660, deg. F)

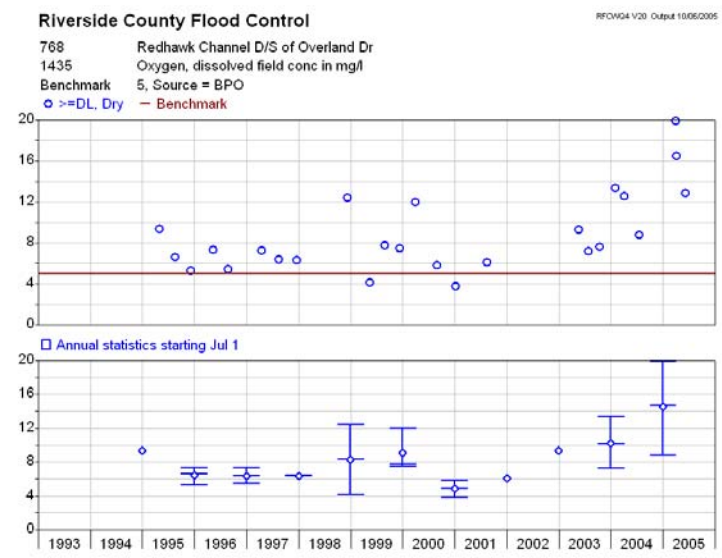
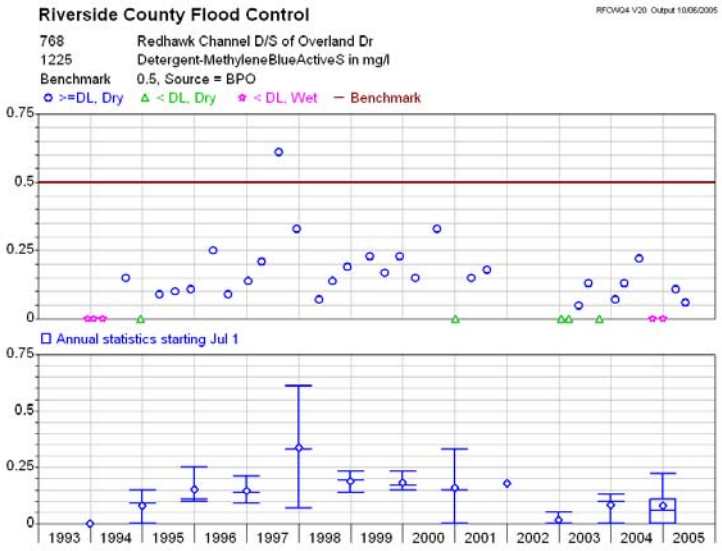


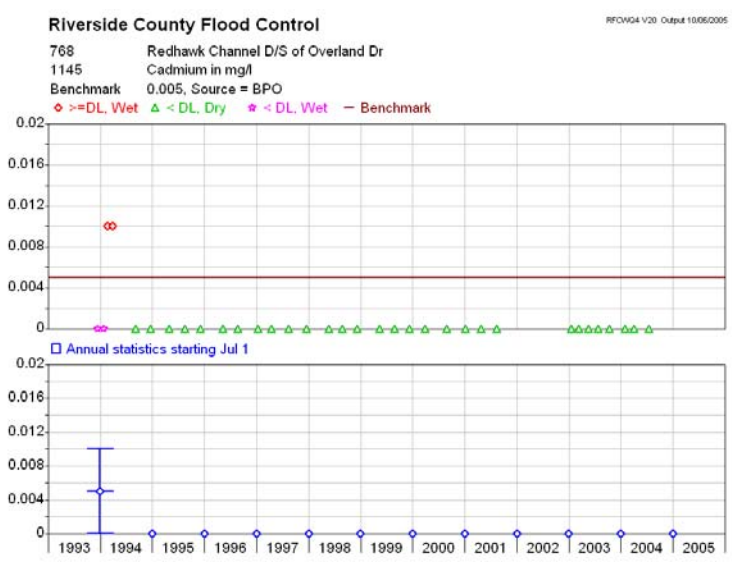
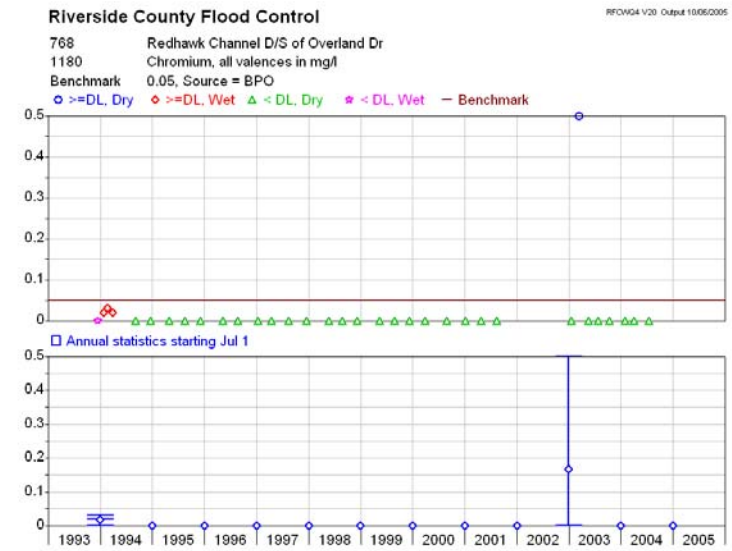
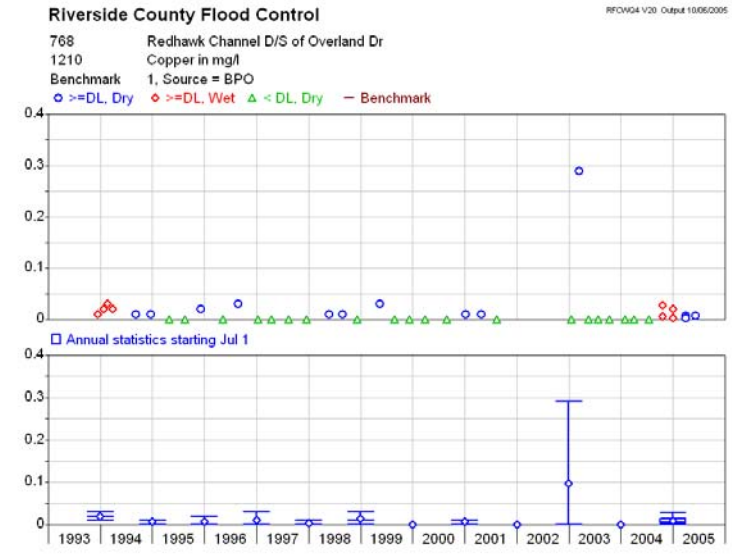


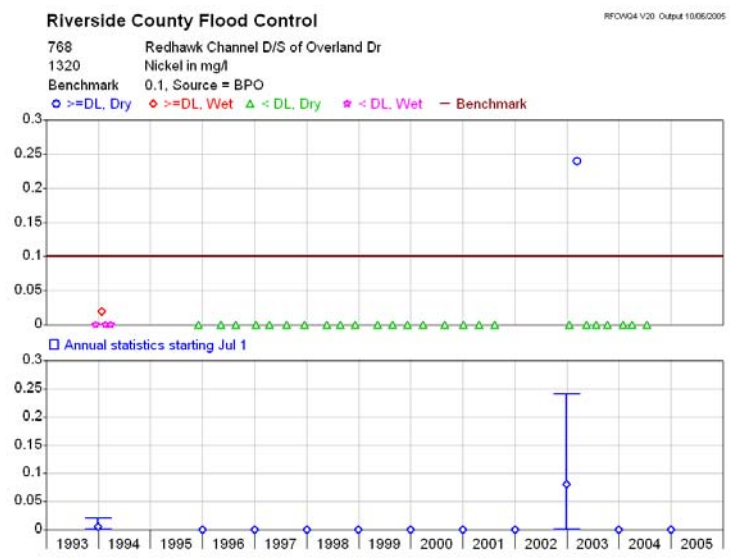
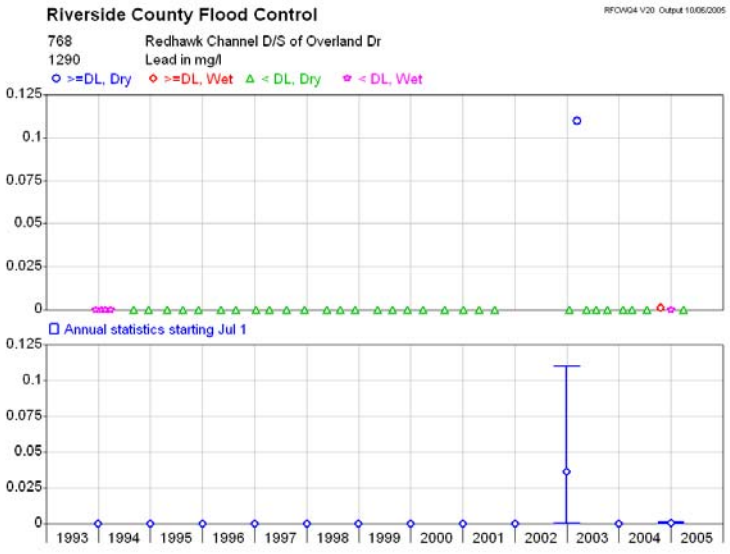
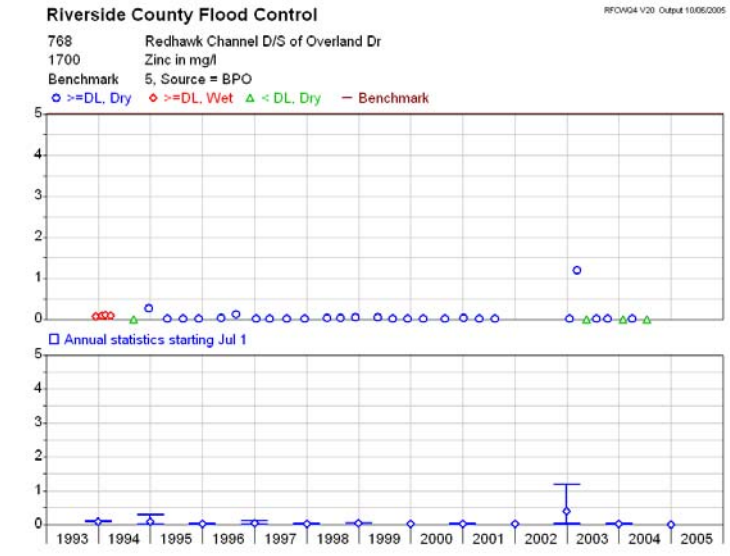
pH(#1705, field; #1710, lab)

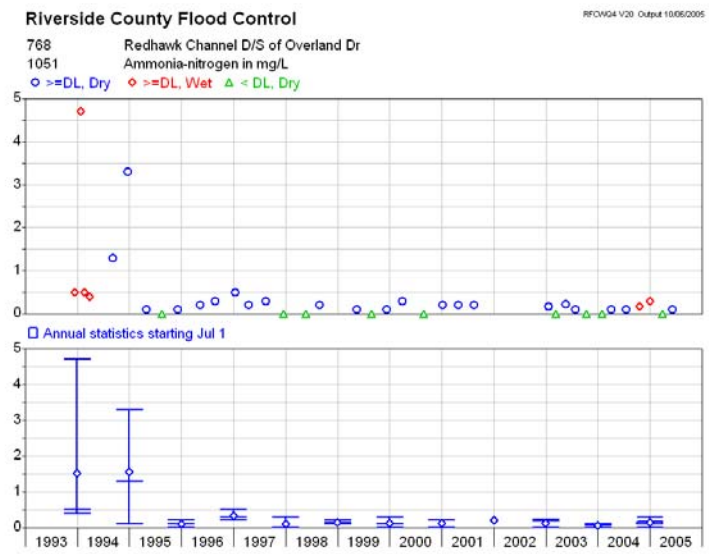
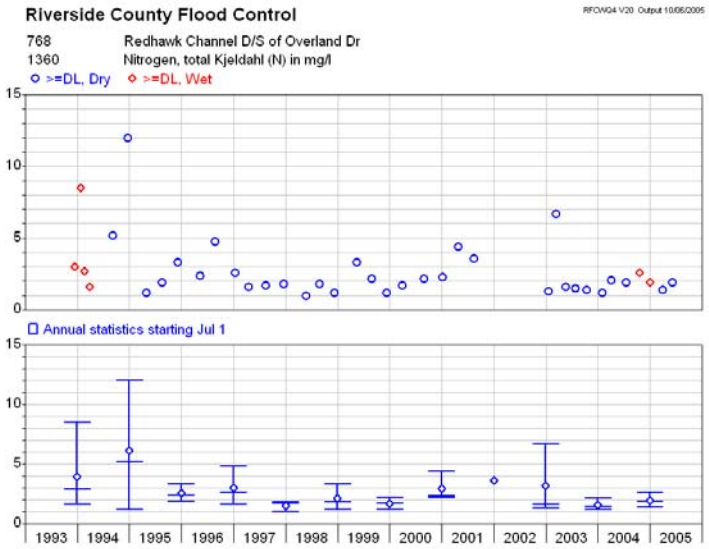
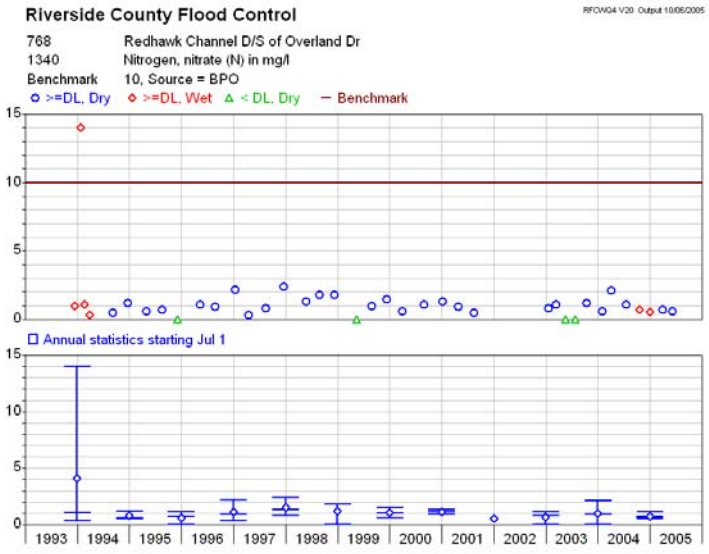
Exceedences in both field and lab turbidity noted at stations 768, 769, 776, 779, and 404. Exceedences in only field pH noted at stations 828, 777, and 778. Exceedences in only lab pH noted at stations 771 and 772.

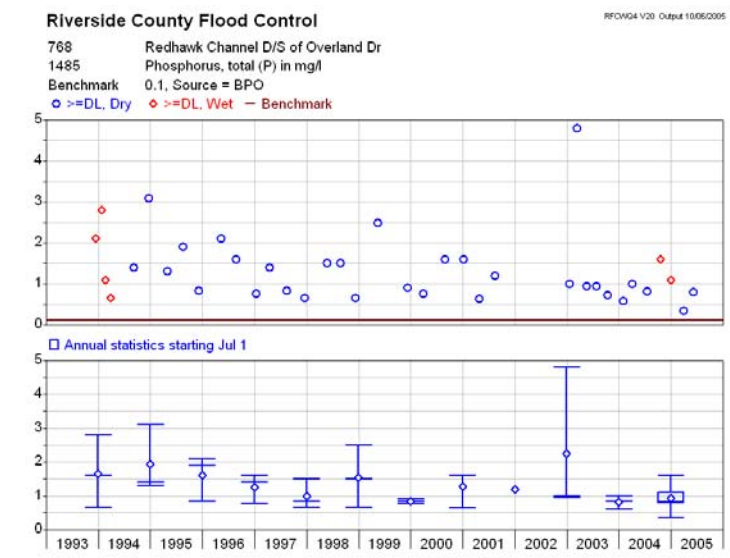
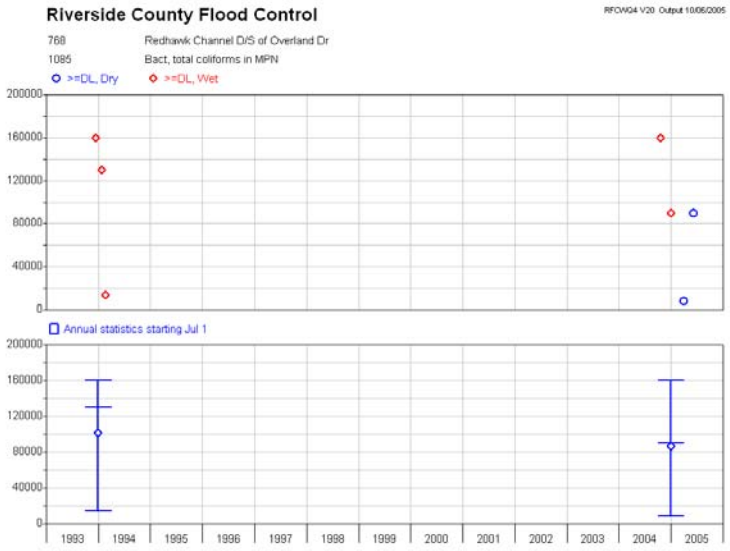
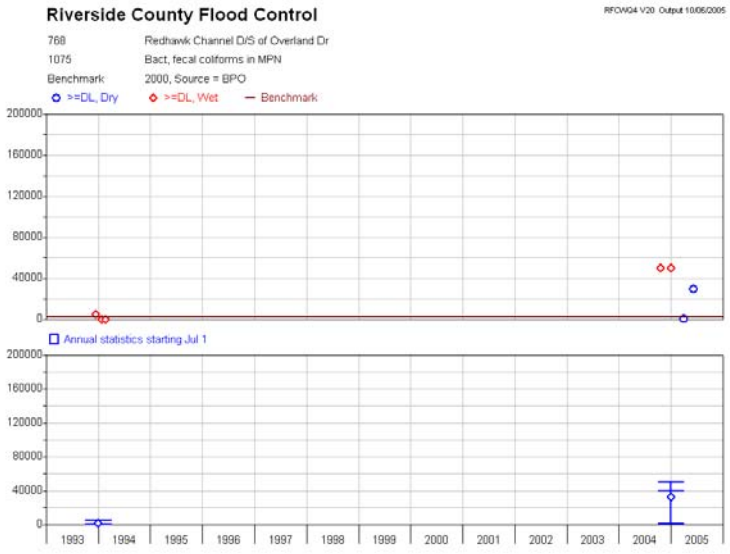
	Hardness(#1265)
 	Specific Conductance(#1200, field; #1205, lab)

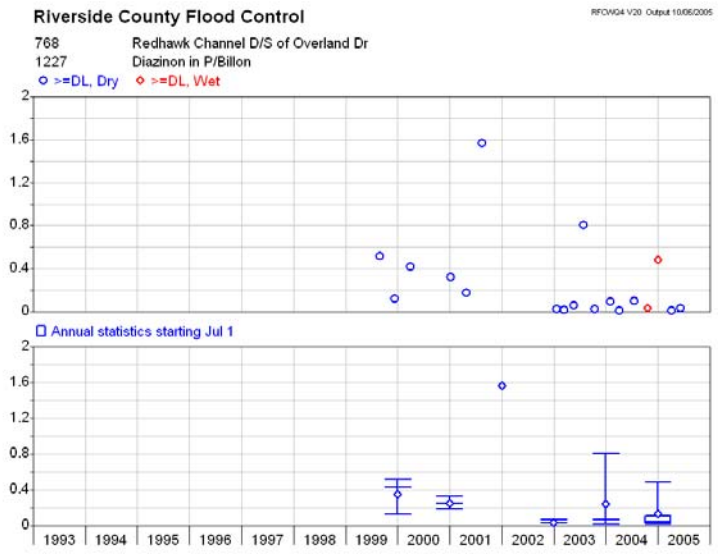
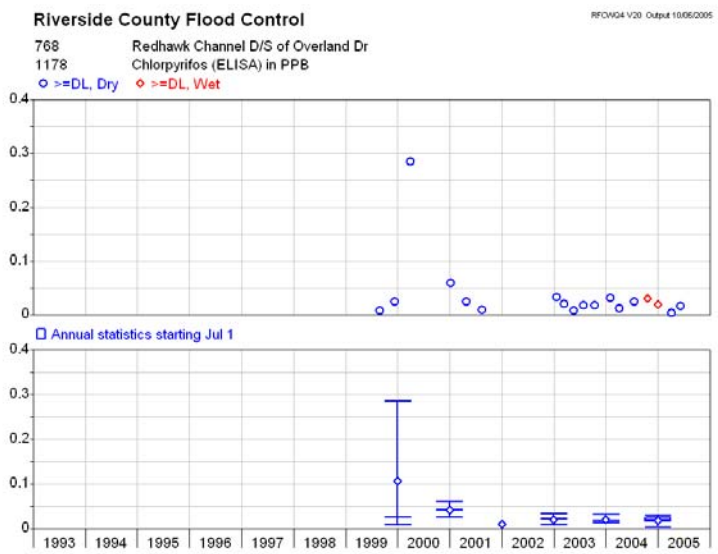
	Dissolved Oxygen(#1435)
	MBAS(#1225)

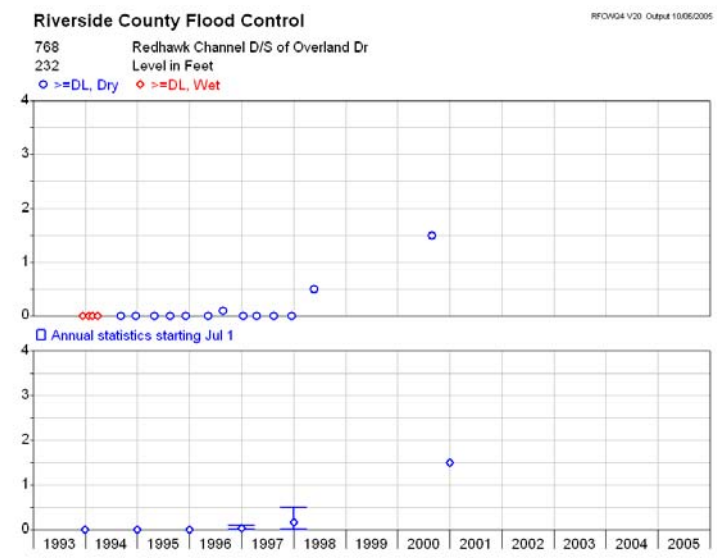
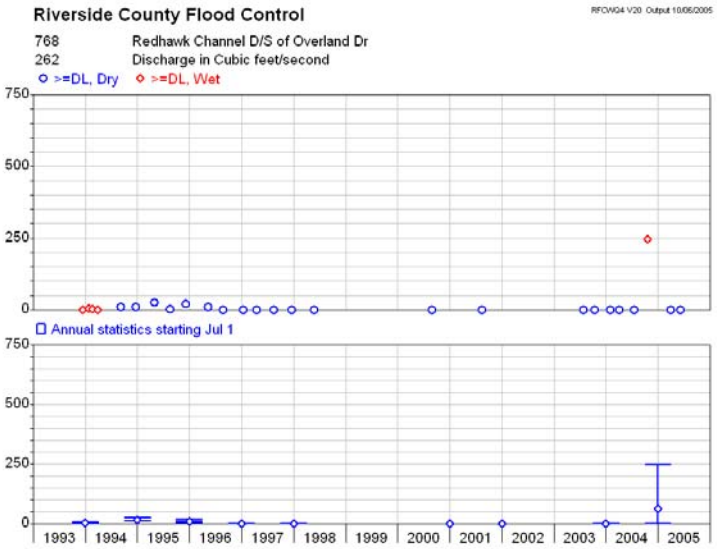
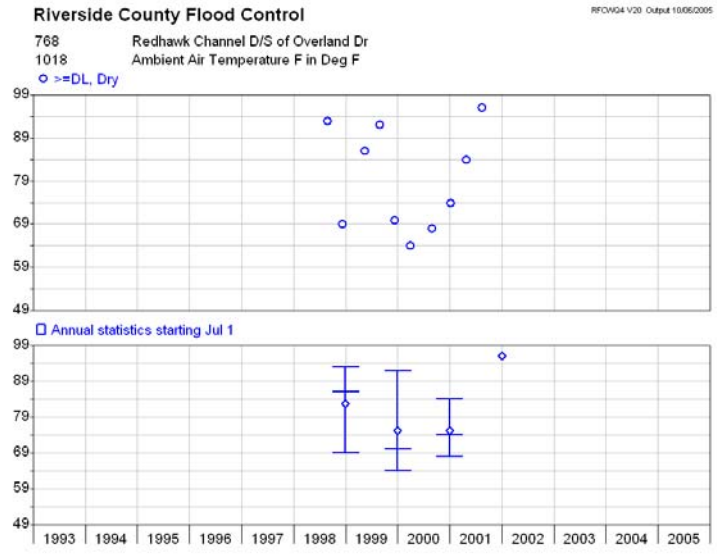
	Total Cadmium(#1145)
	Total Chromium(#1180) Mostly non-detect. Exceedences noted at stations 828,769,773,774,776, and 404. Station 404 shows a clear downward trend, othewise, no apparent trend or only one exceedence.
	Total Copper(#1210) Where detected, the data are randomly distributed, with no clear trends evident.

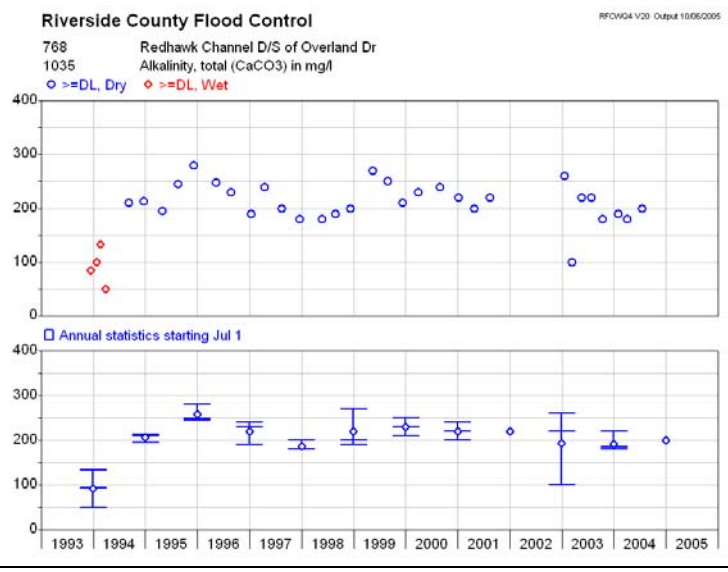
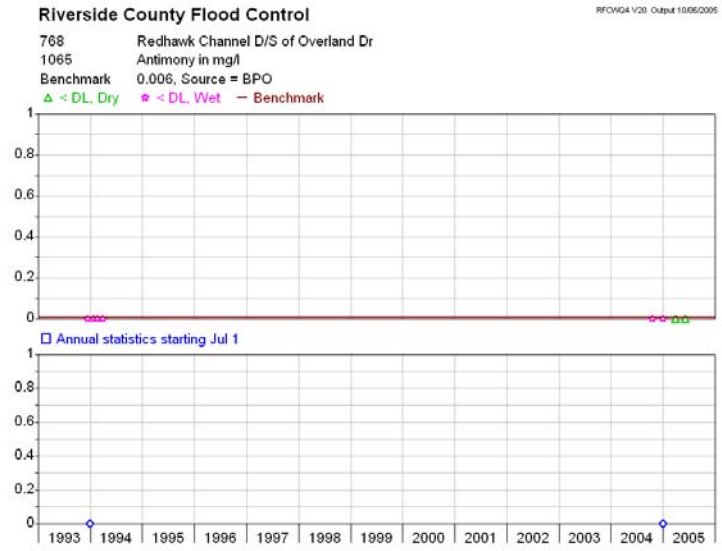
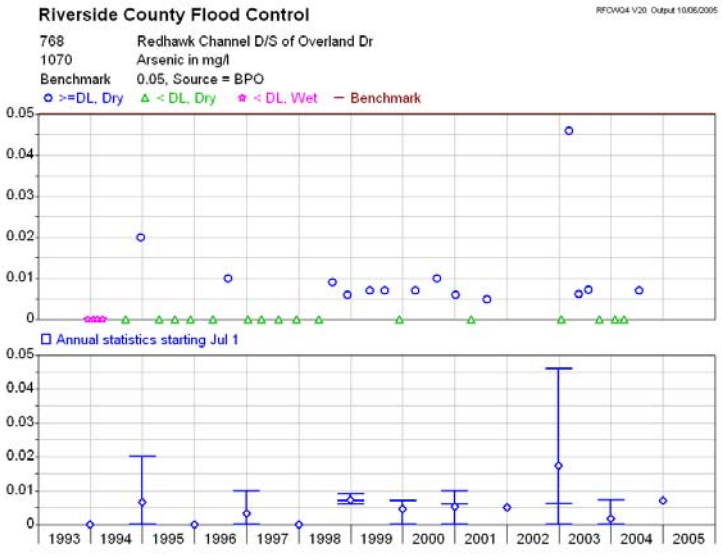
	Total Nickel(#1320) Mostly non-detect. Detects tend to occur during wet weather. Clear (at least 3 points) increasing trend noted in wet weather data at Station 769. Clear decreasing trend noted in wet weather data at Station 404.
	Total Lead(#1290)
	Total Zinc(#1700)

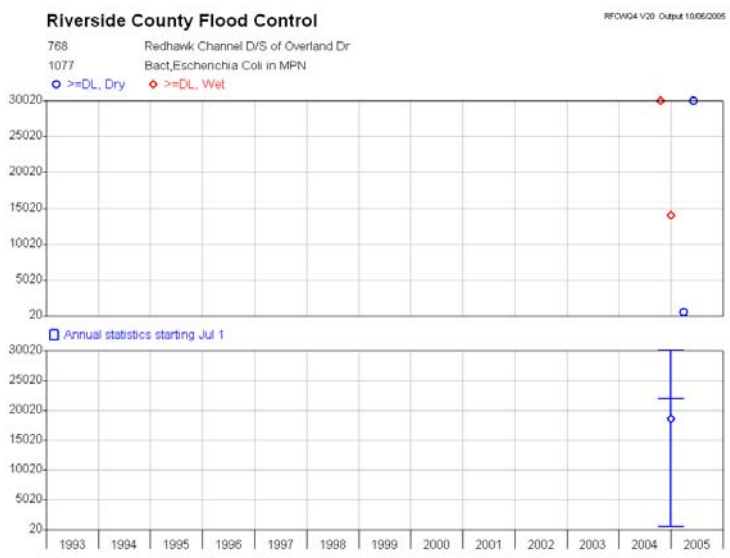
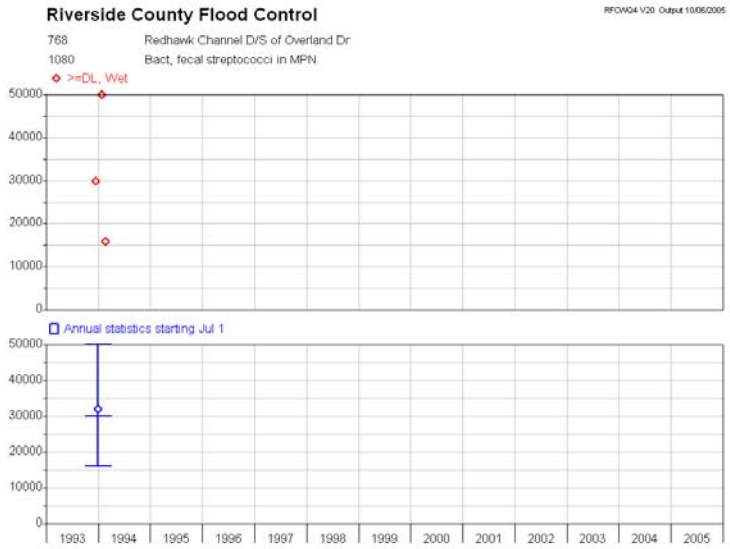
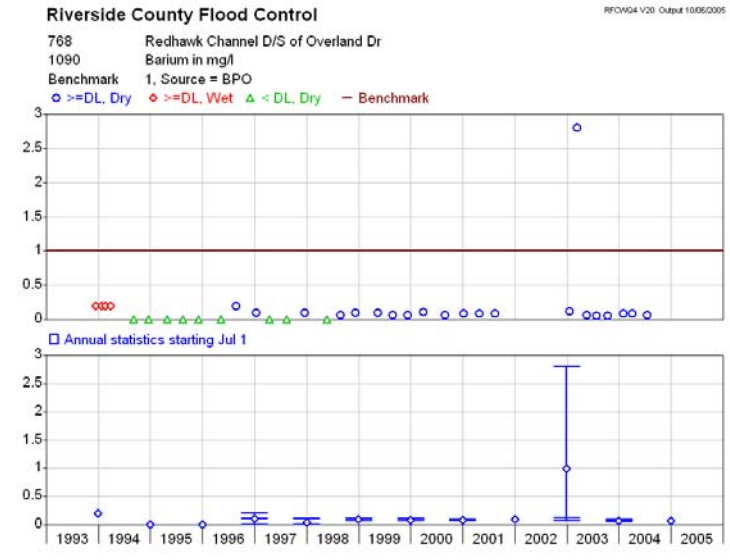
	Ammonia(#1051)
	Total Kjehdahl Nitrogen(#1360)
	Nitrate(#1340) Exceedences noted at all stations, except for station 188. Many values, however, were below the BPO.

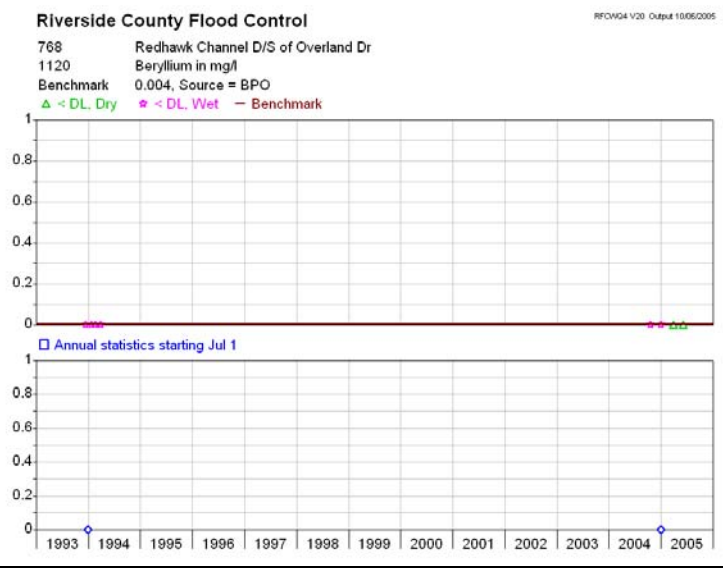
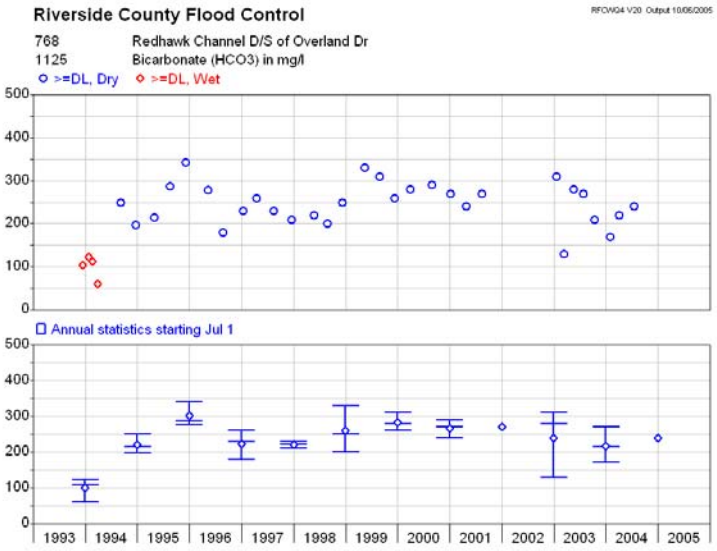
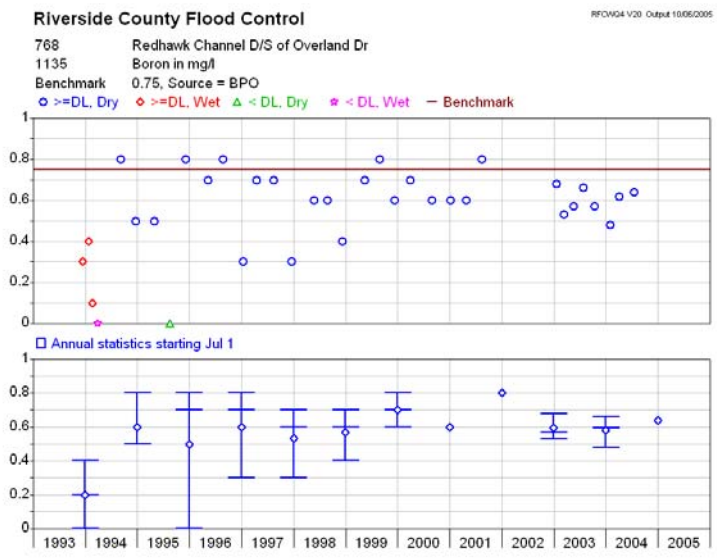
	Total Phosphorus(#1485) Exceedences noted at all stations, including the Cole Creek reference station. The data are randomly distributed, with no clear trends evident.
	Total coliform(#1085)
	Fecal coliform(#1075) Exceedences noted at all stations. The data are randomly distributed, with no clear trends evident.

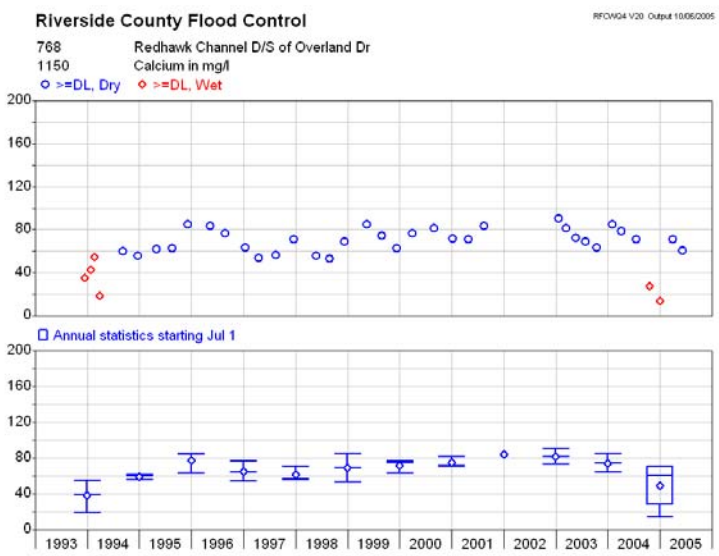
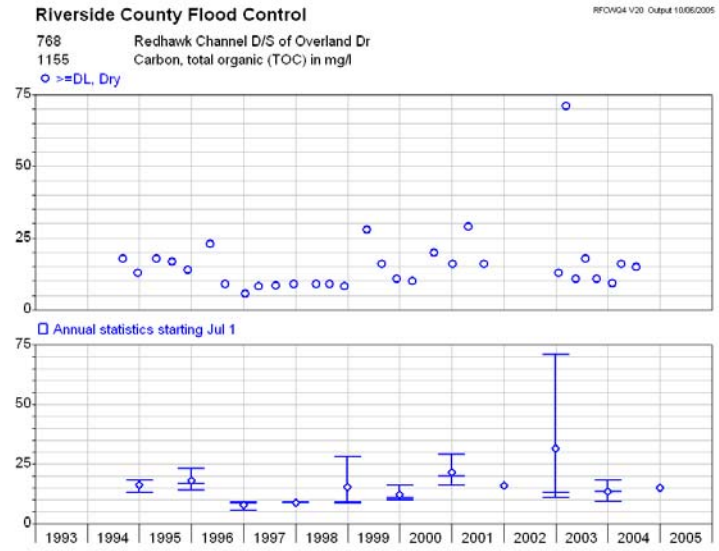
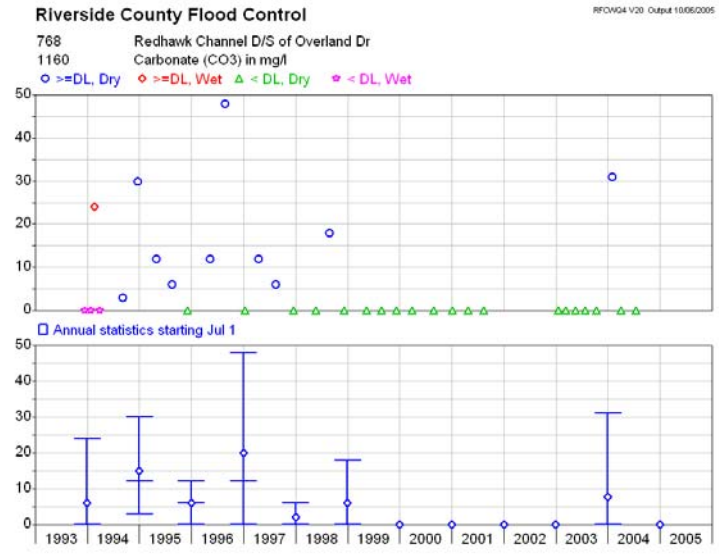
	E. coli
	Diazinon(#1227)
	Chlorpyrifos(#1178)

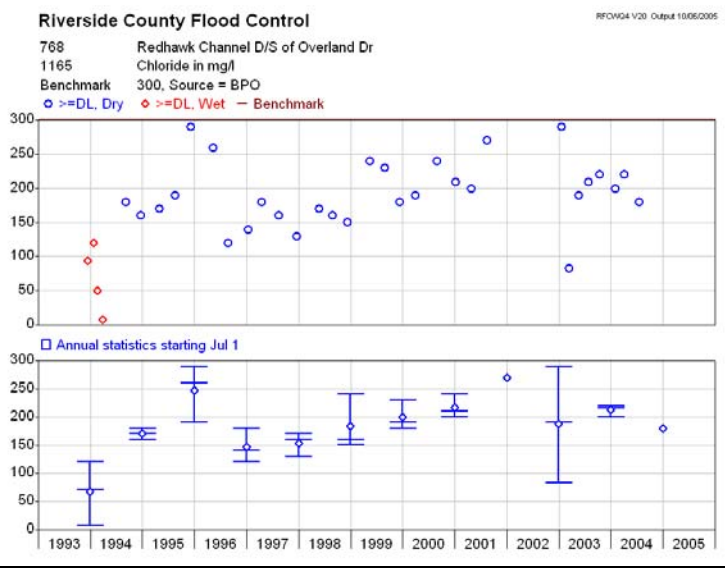
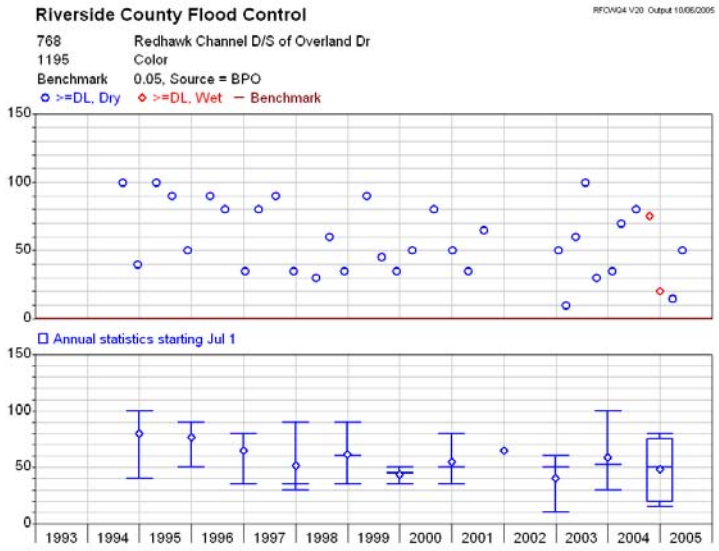
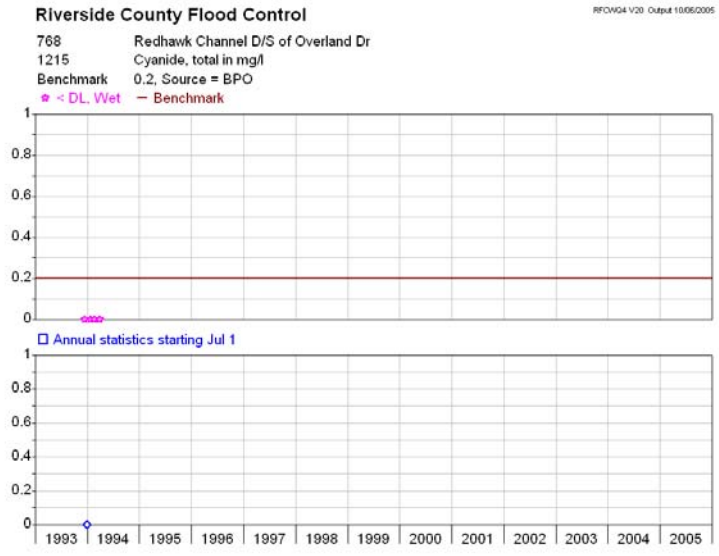
	Gage Level (232)
	Discharge(262)
	Ambient Temp (1018)

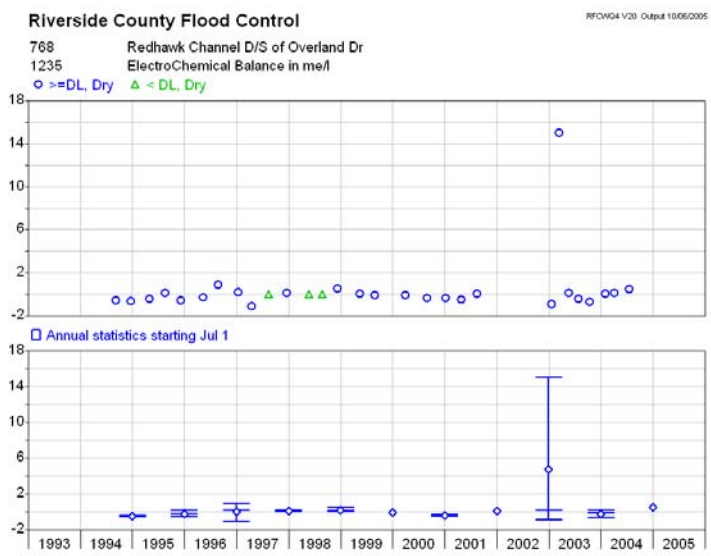
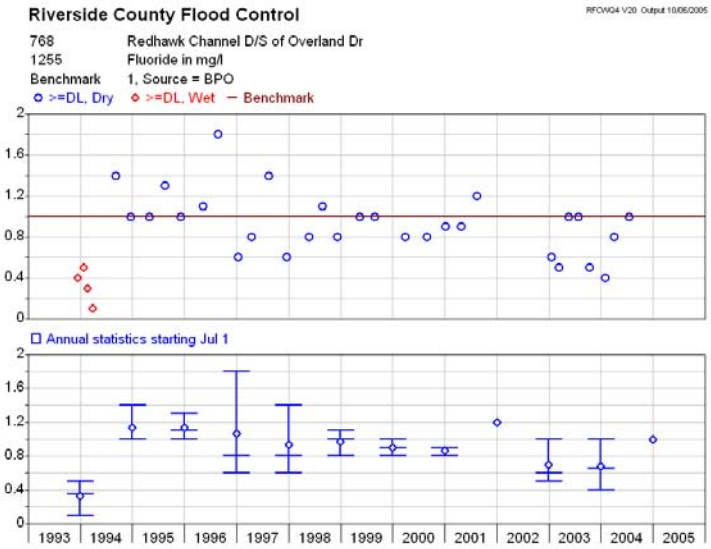
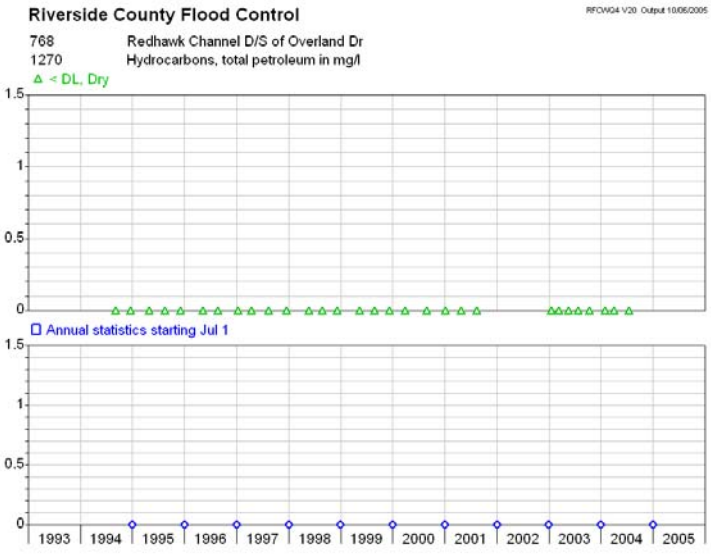
	Alkalinity(1035)
	Antimony(1065)
	Arsenic(1070)

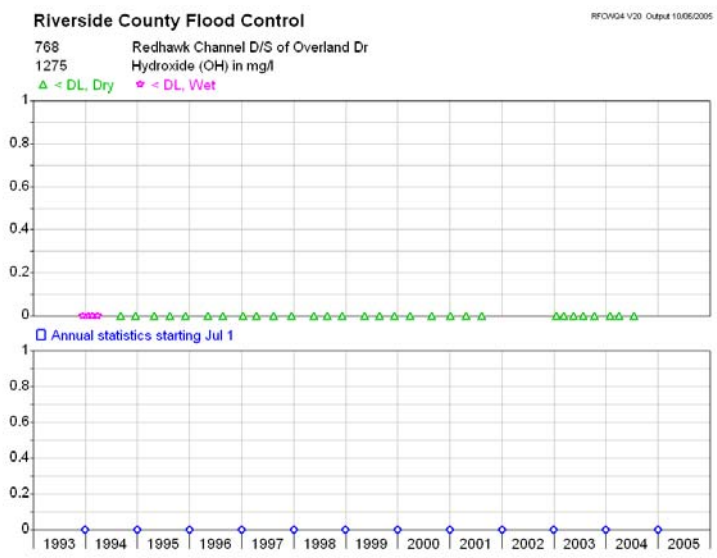
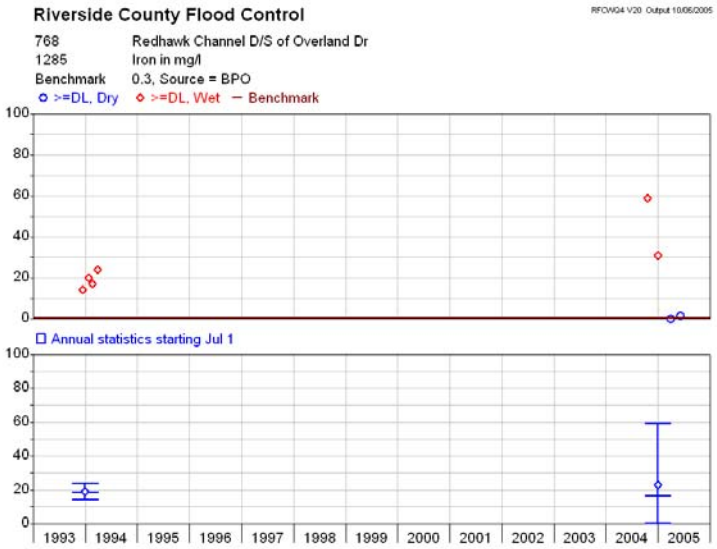
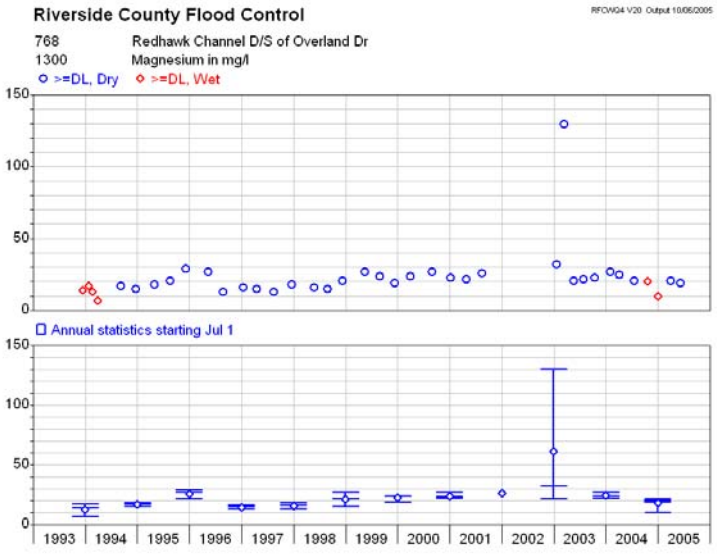
	E Coli(1077)
	Fecal Strep(1080)
	Barium(1090)

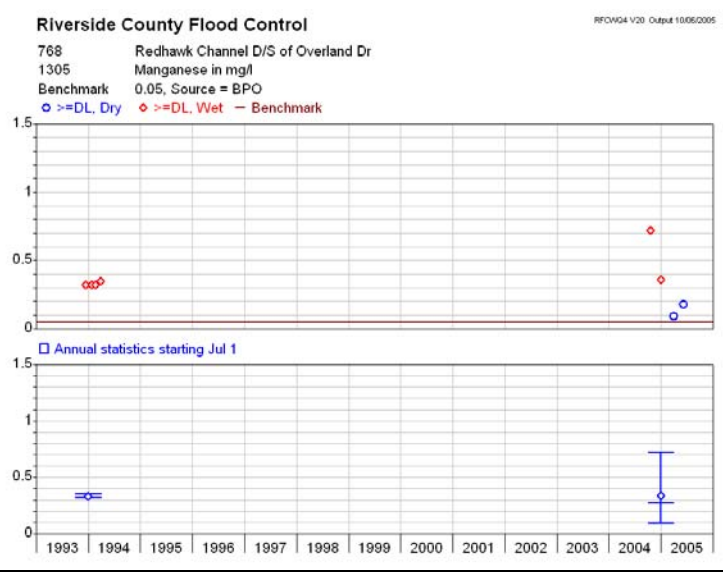
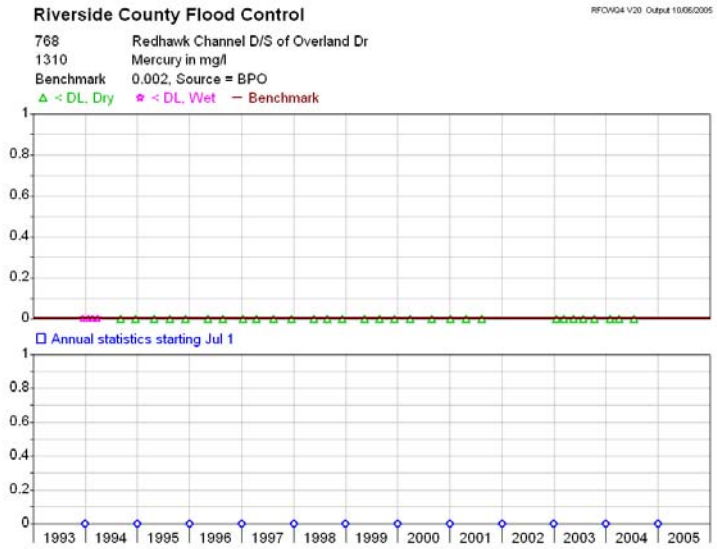
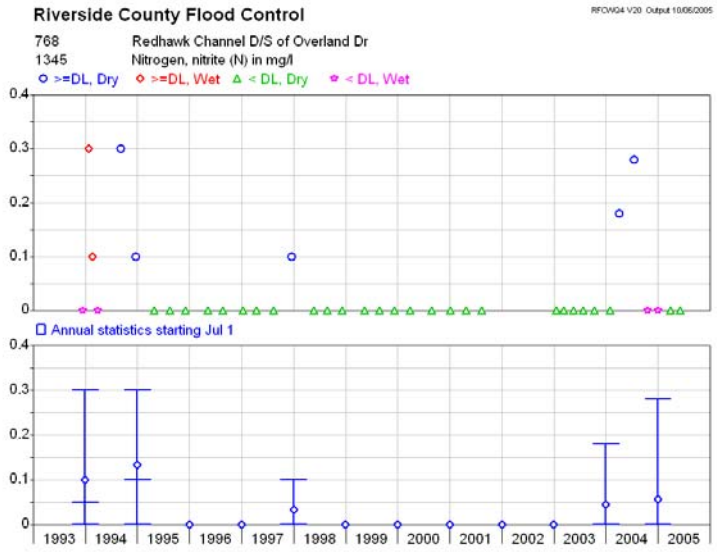
	Beryllium(1120)
	Bicarbonate(1125)
	Boron(1135)

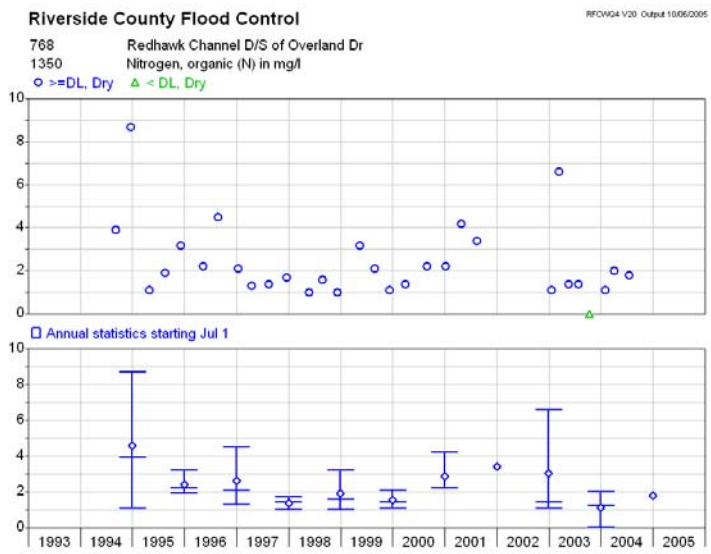
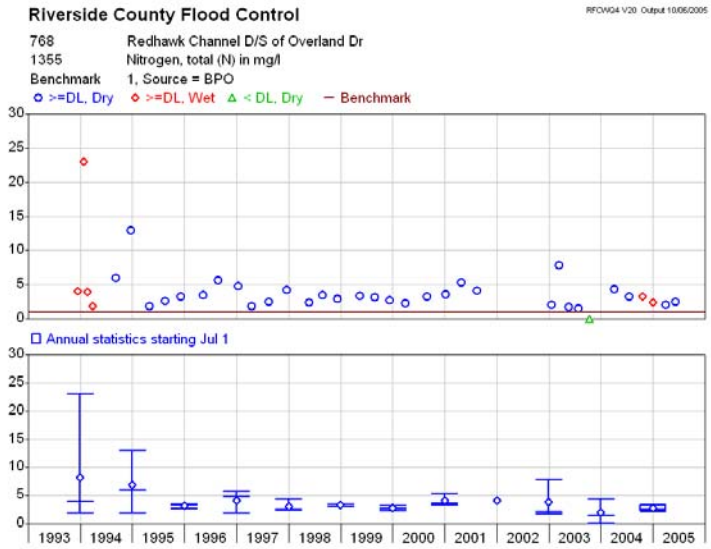
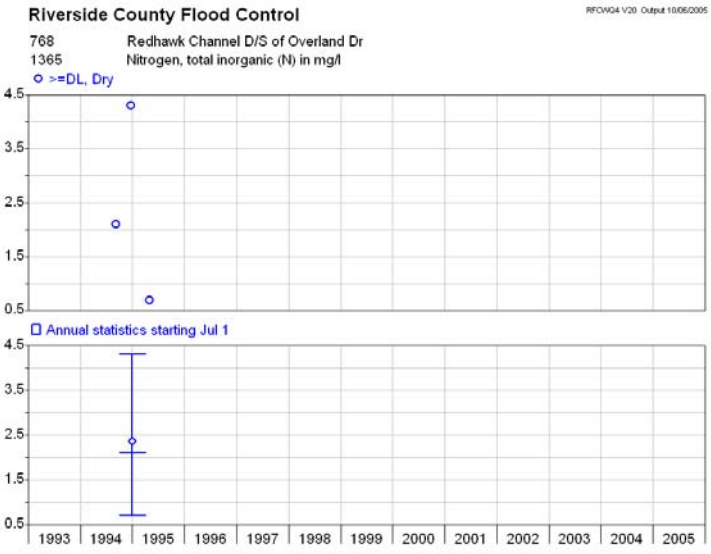
	Calcium(1150)
	TOC(1155)
	Carbonate(1160)

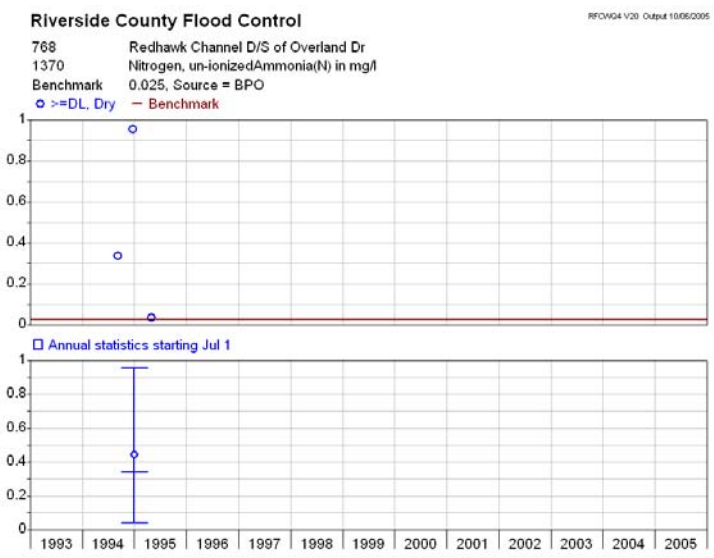
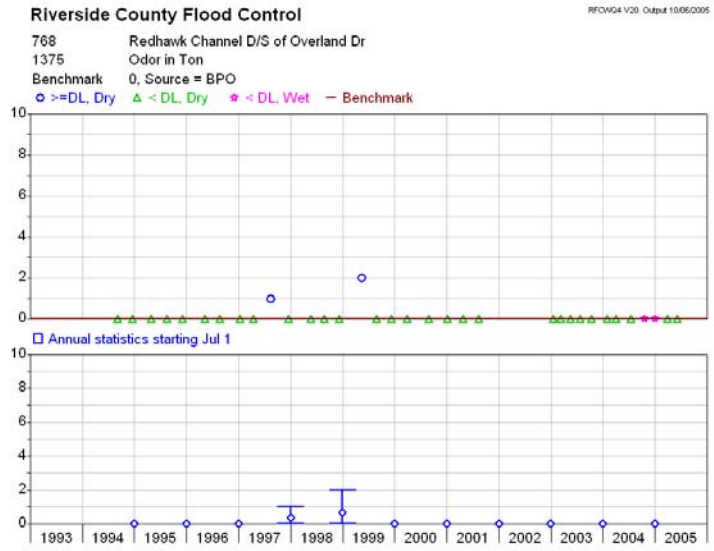
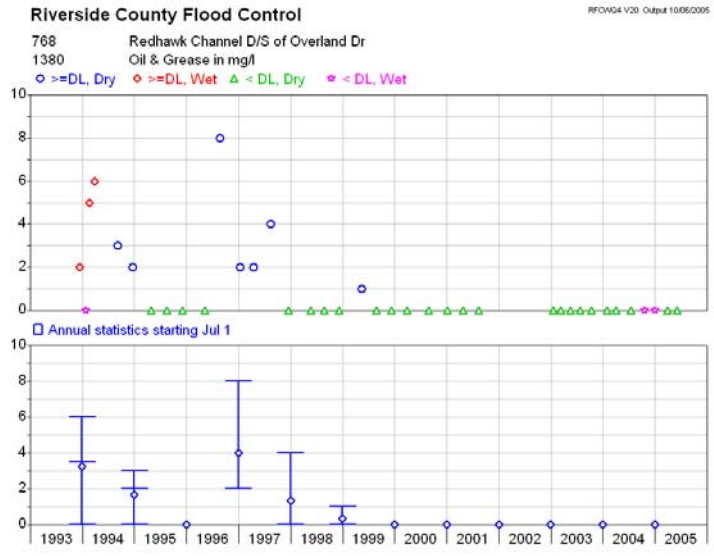
	Chloride(1165)
	Color(1195)
	Cyanide(1215)

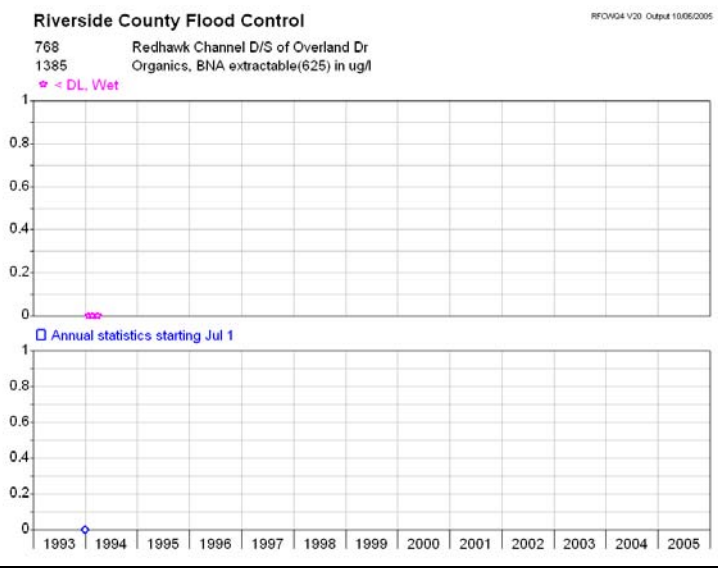
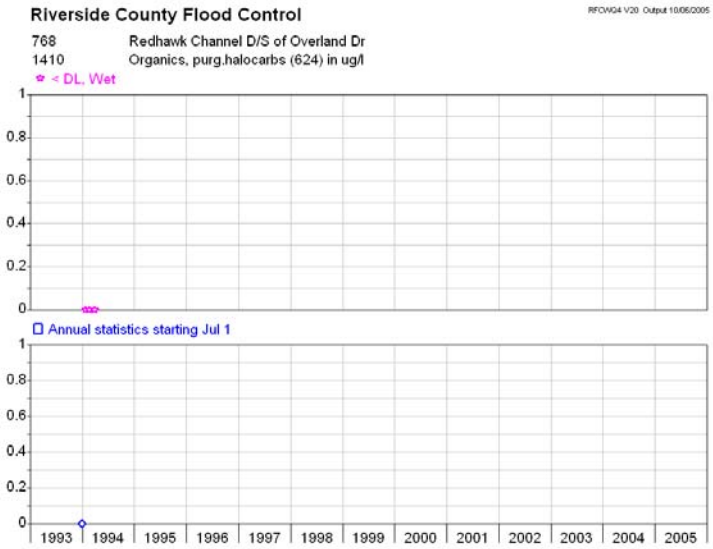
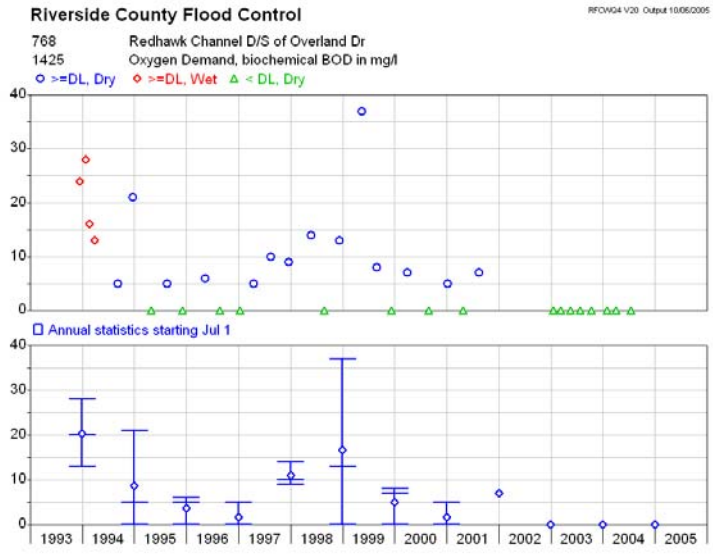
	ECB(1235)
	Flouride(1255)
	Total Petroleum Hydrocarbons(1270)

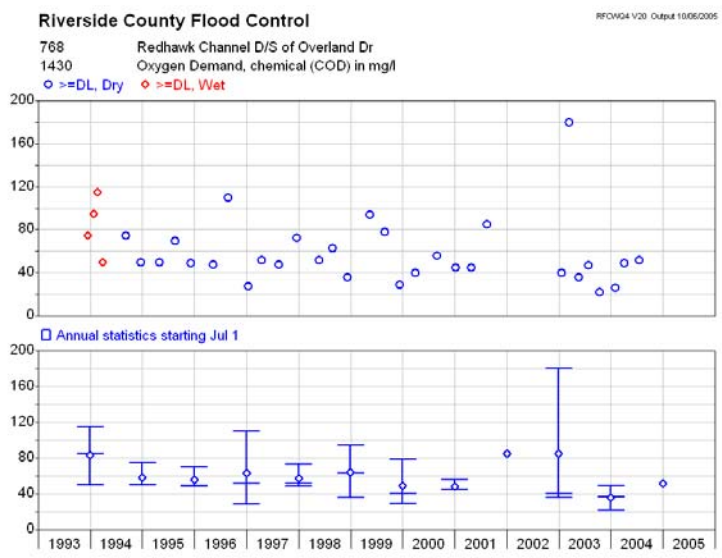
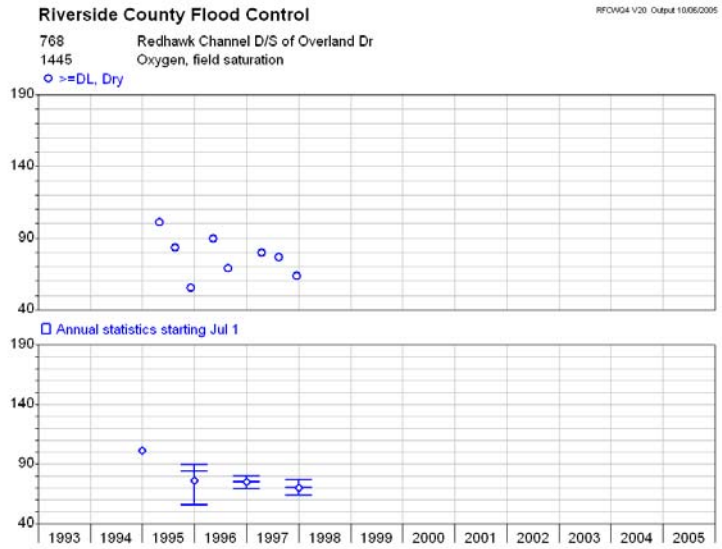
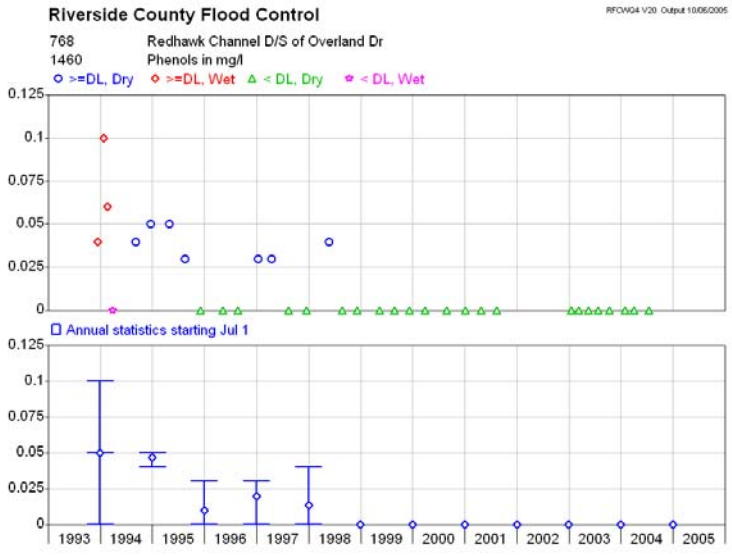
	Hydroxide(1275)
	(Iron, 1285)
	(Magnesium, 1300)

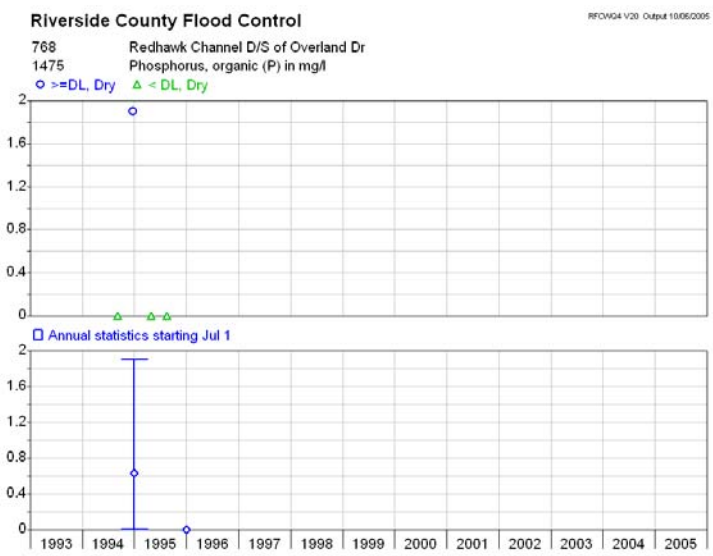
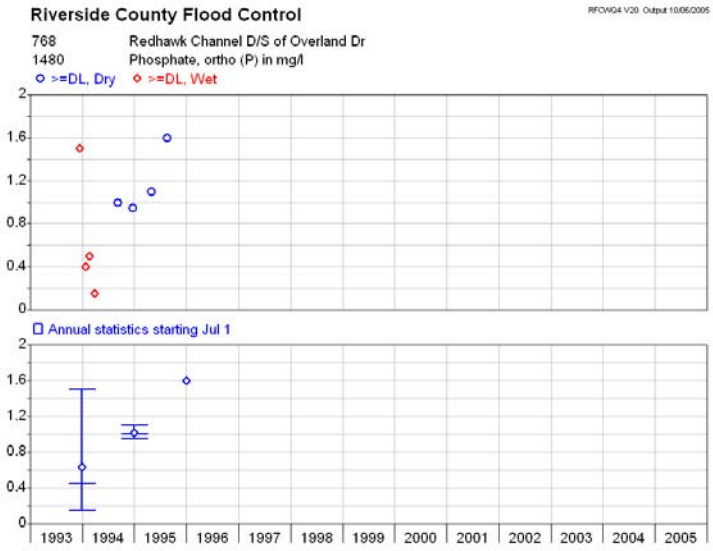
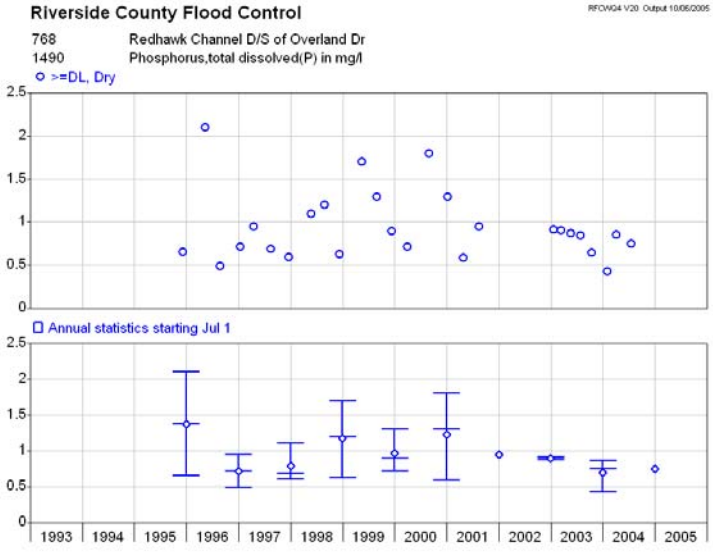
	(Manganese, 1305)
	(Mercury, 1310)
	Nitrite(1345)

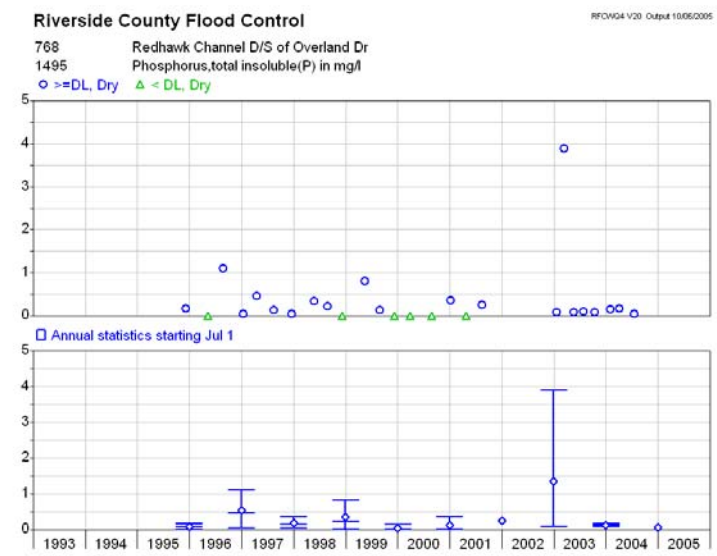
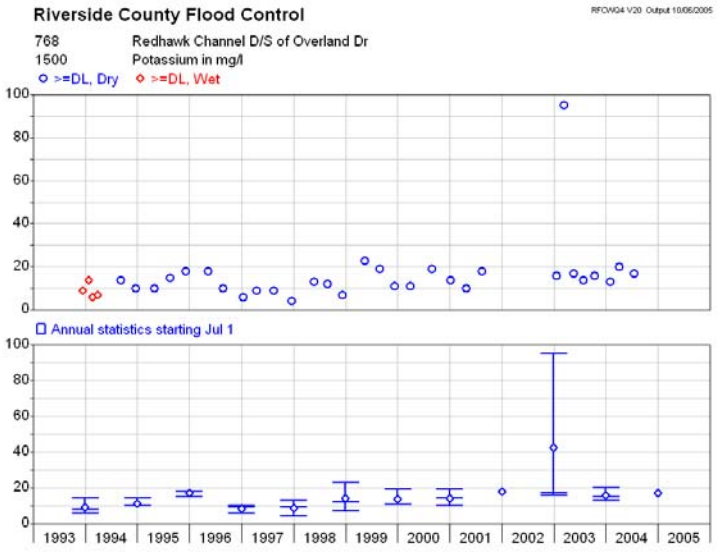
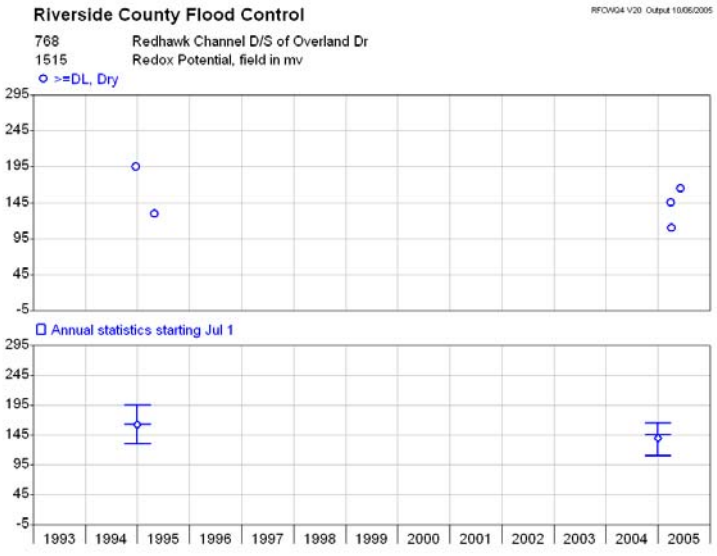
	Organic Nitrogen(1350)
	TN(1355)
	Total Inorganic Nitrogen(1365)

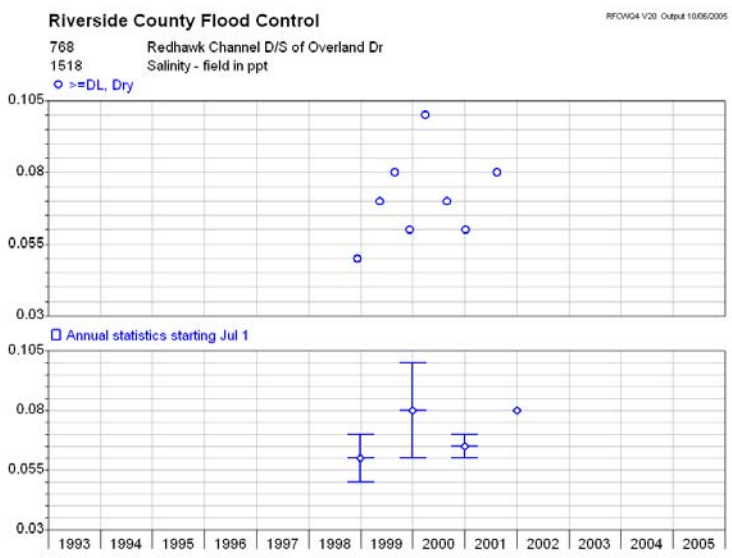
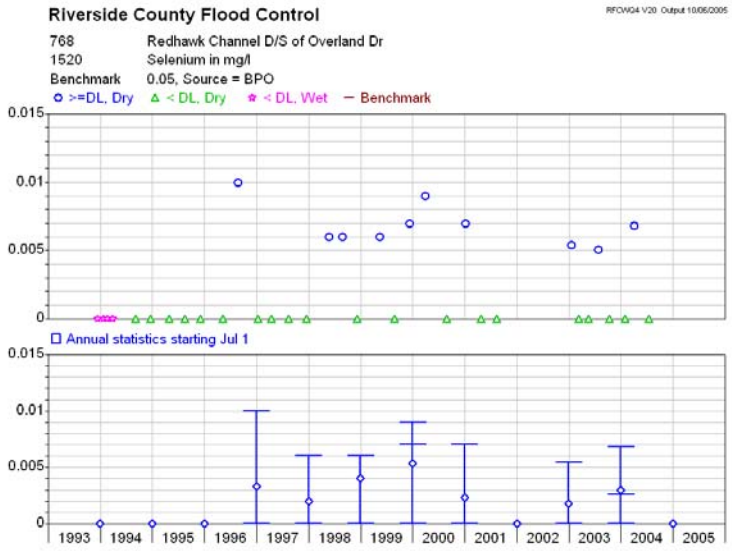
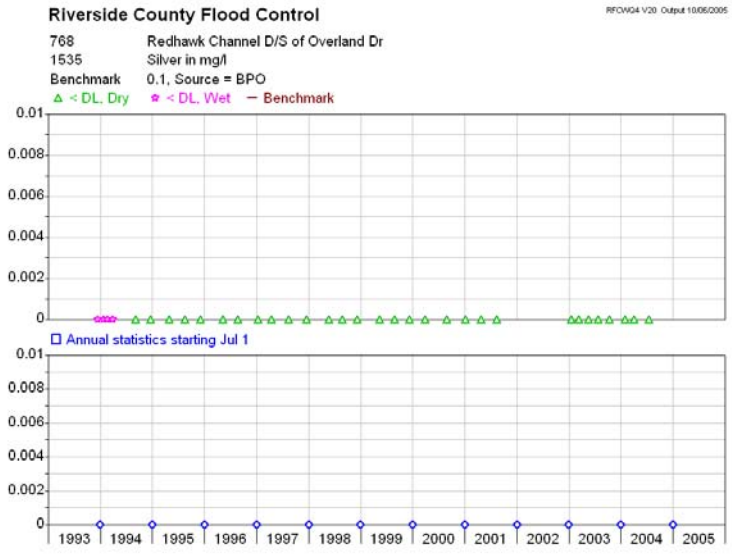
	Un-ionized Ammonia Nitrogen(1370)
	Odor(1375)
	Oil and Grease (1380)

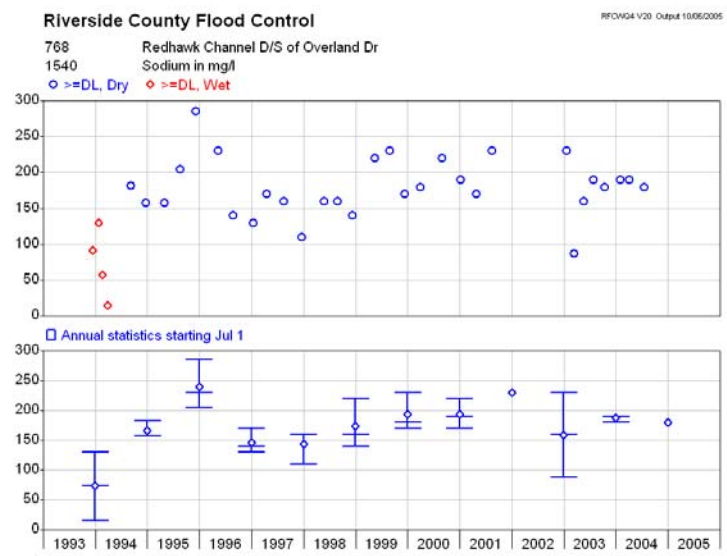
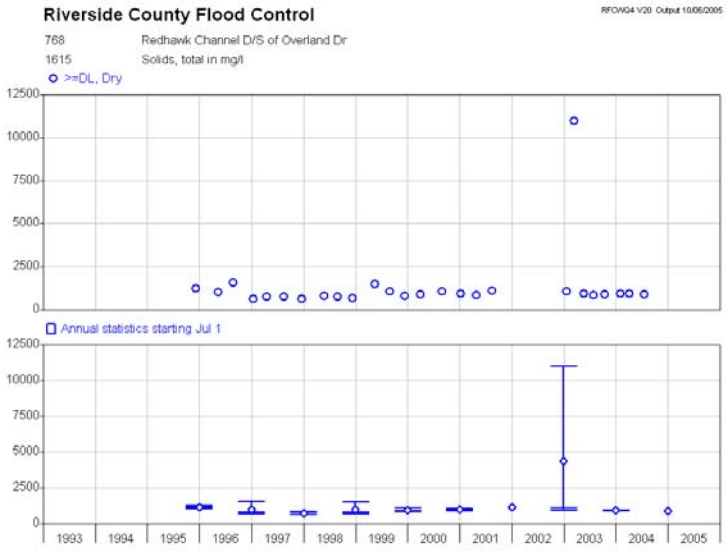
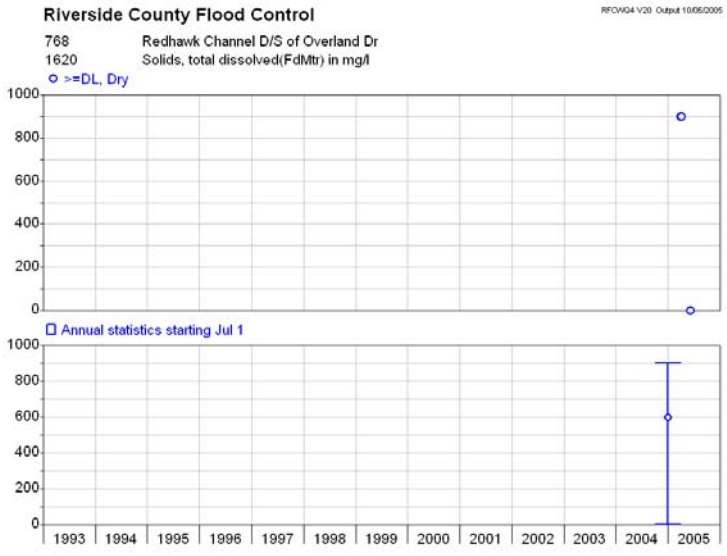
	BNA Organics(1385)
	(BOD, 1425)
	(BOD, 1430)

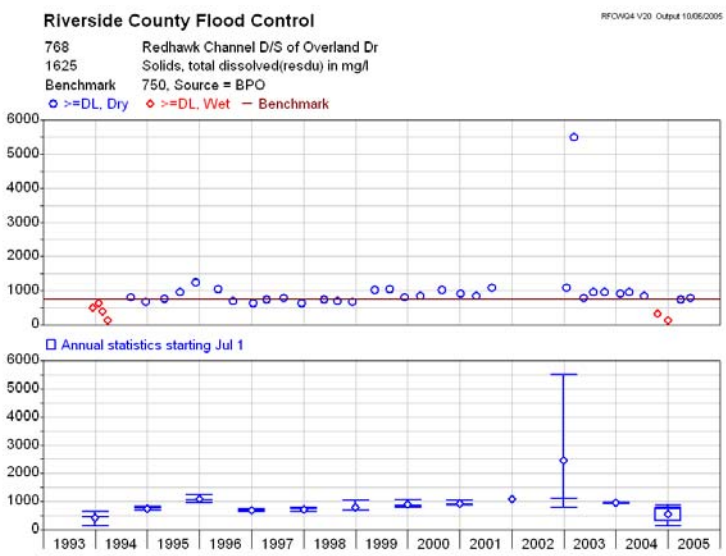
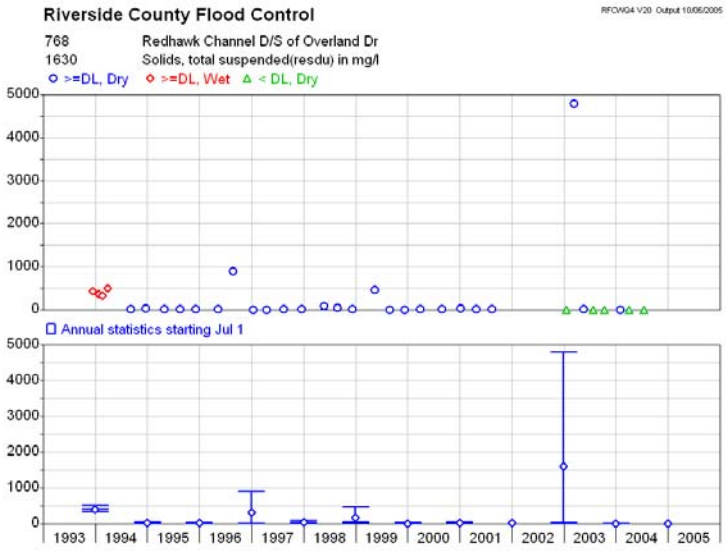
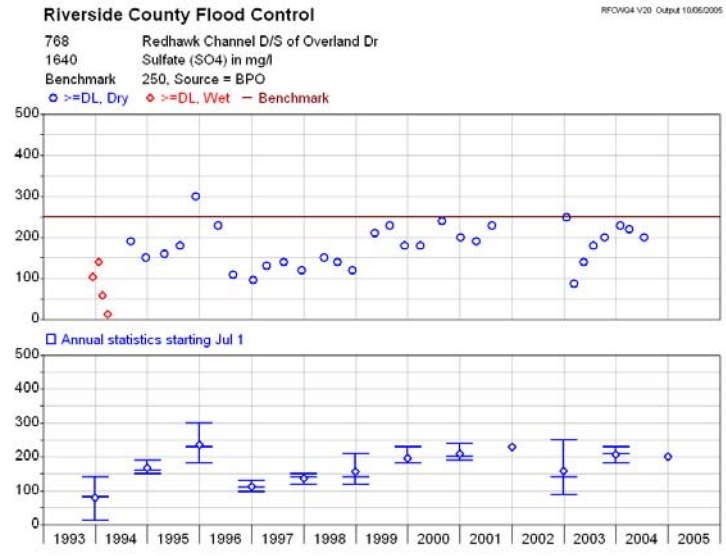
	(COD, 1430)
	Oxygen, field(1445)
	Phenols(1460)

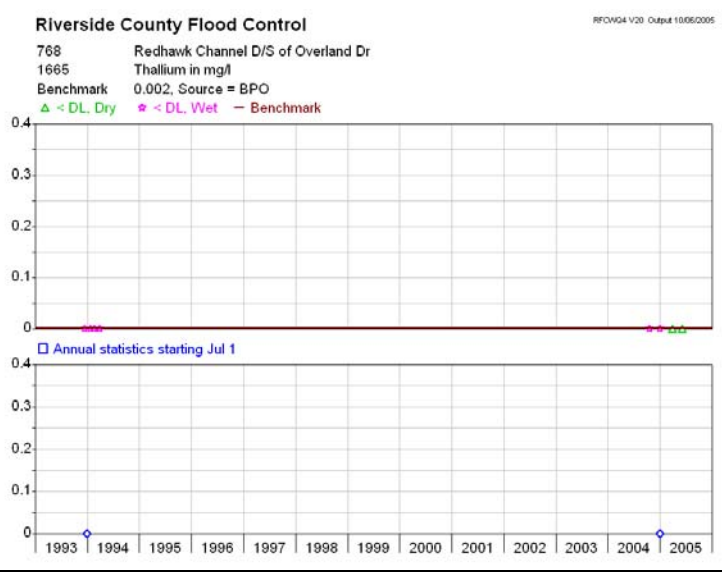
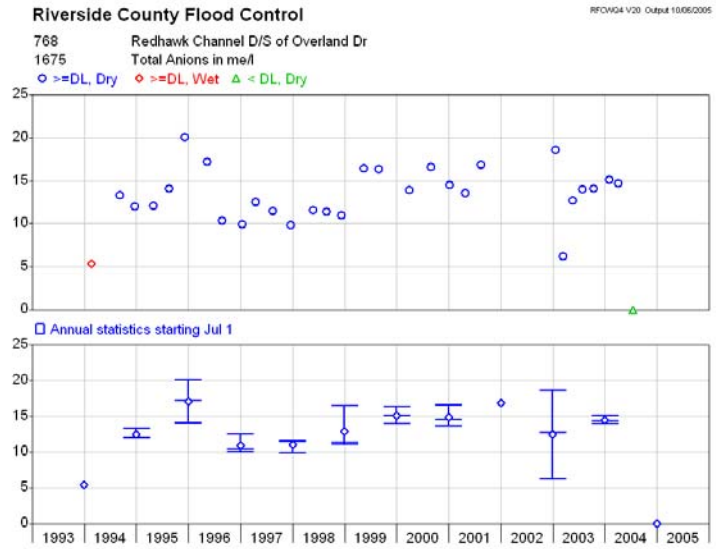
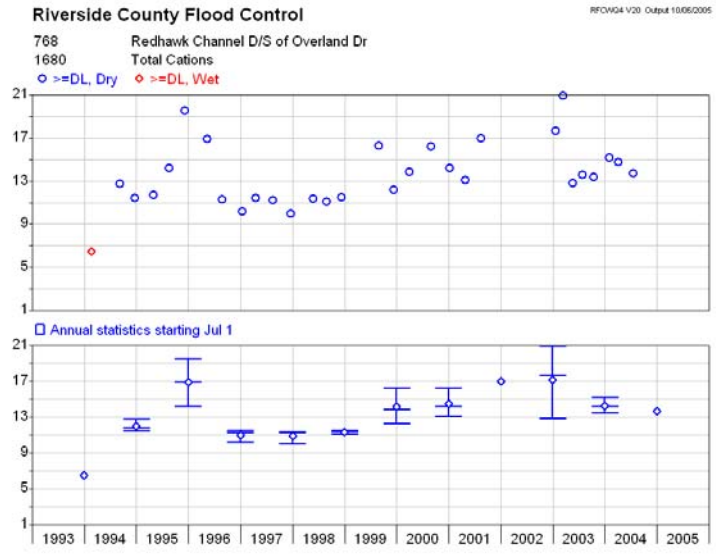
	Organic Phosphorus(1475)
	Phosphate(1480)
	TP, dissolved(1490)

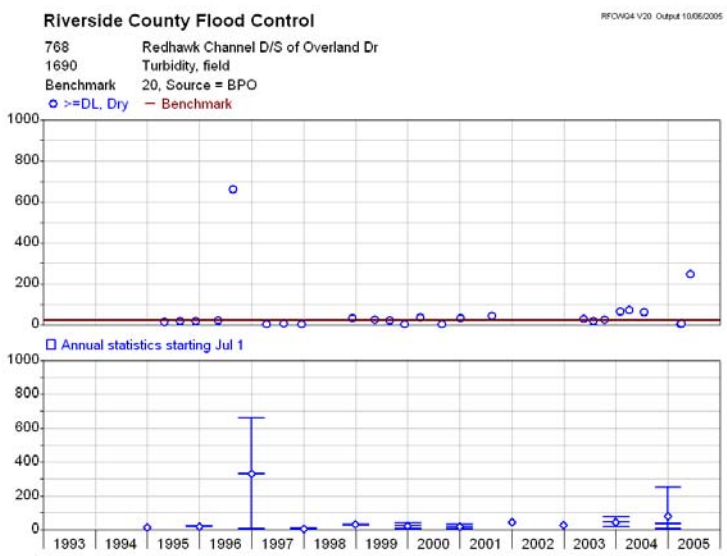
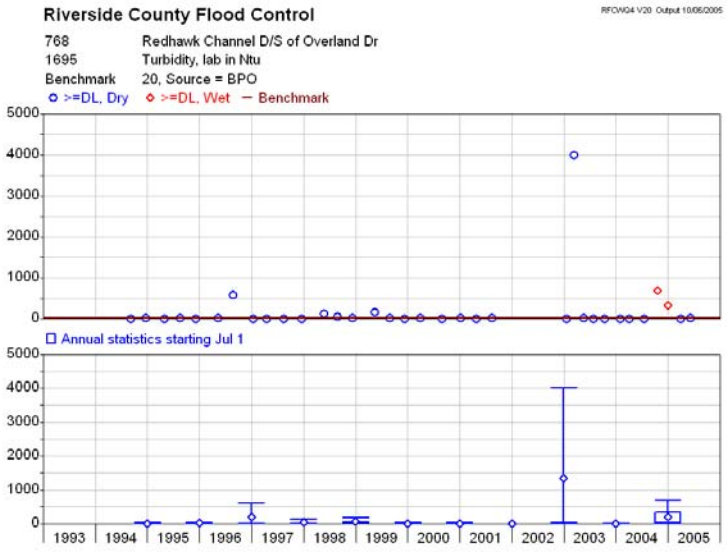
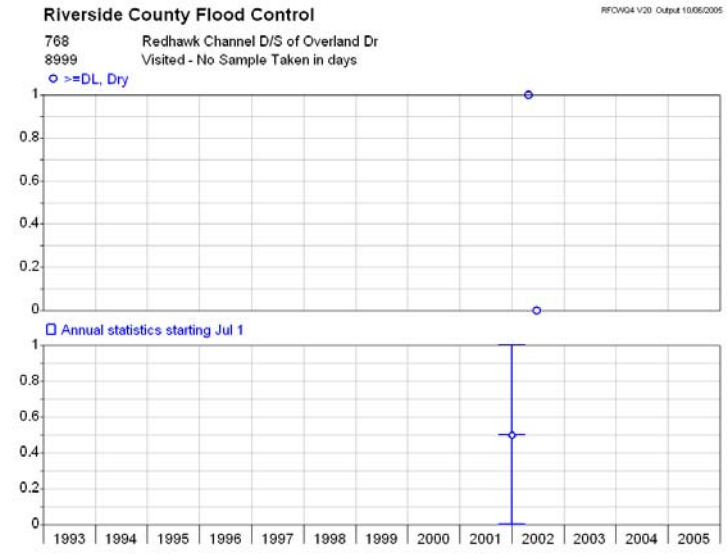
	TP, insoluble(1495)
	Phosphate(1480)
	Redox(1515)

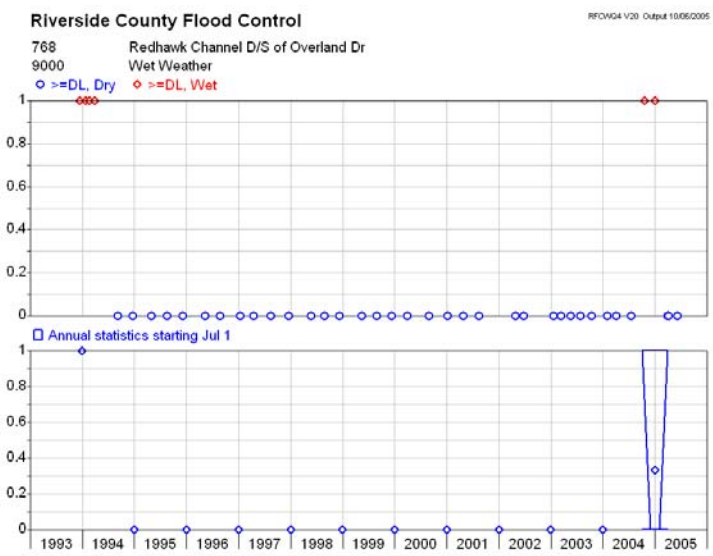
	Salinity,field (1518)
	Selenium(1520)
	Silver(1535)

	Sodium(1540)
	Total Solids(1615)
	TDS, field (1620)

	TDS, residual(1625)
	TSS(1630)
	Sulfate(1640)

	Thallium(1665)
	Total Anions(1675)
	Total Cations(1680)

	Turbidity, field (1690)
	Turbidity, lab(1695)
	Visited, no sample (8999)

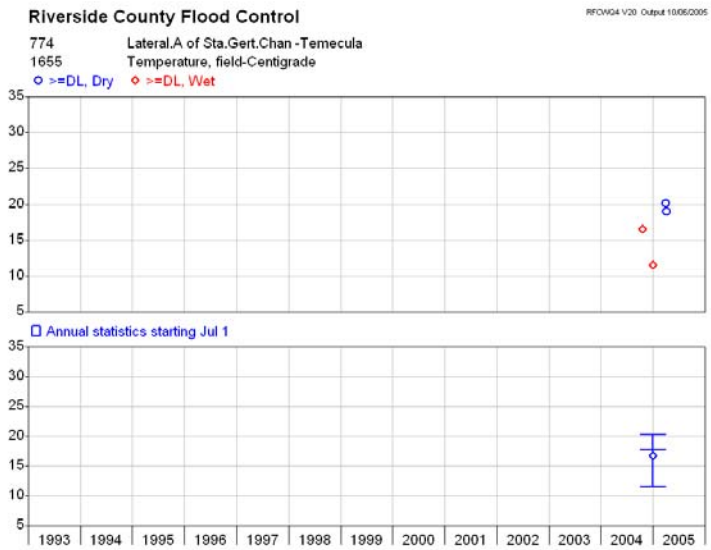
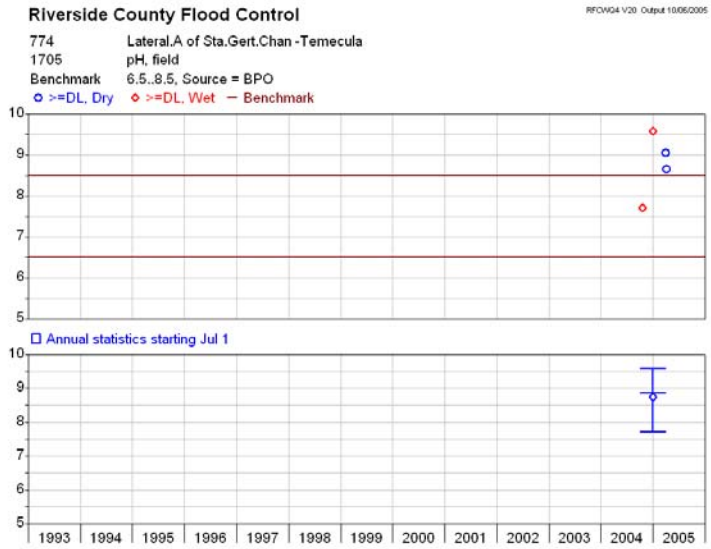
	Wet Weather(9000)

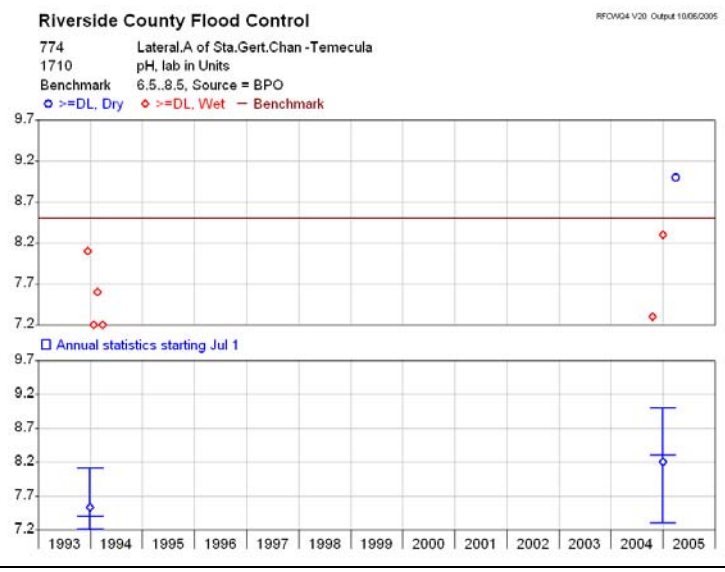
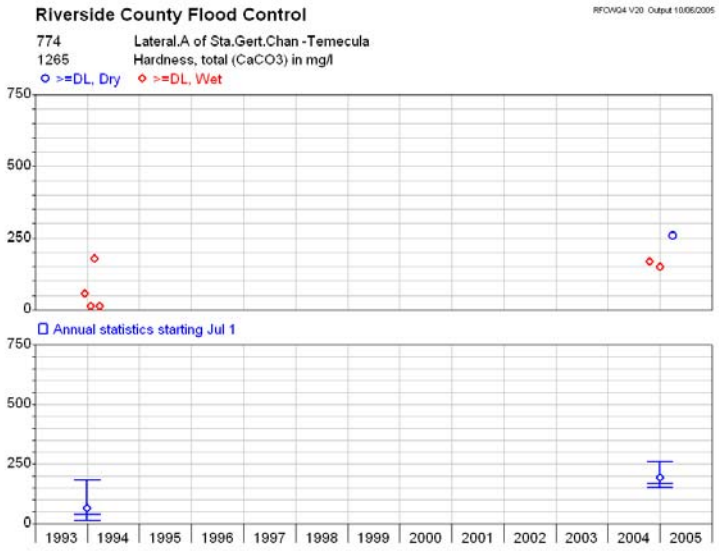
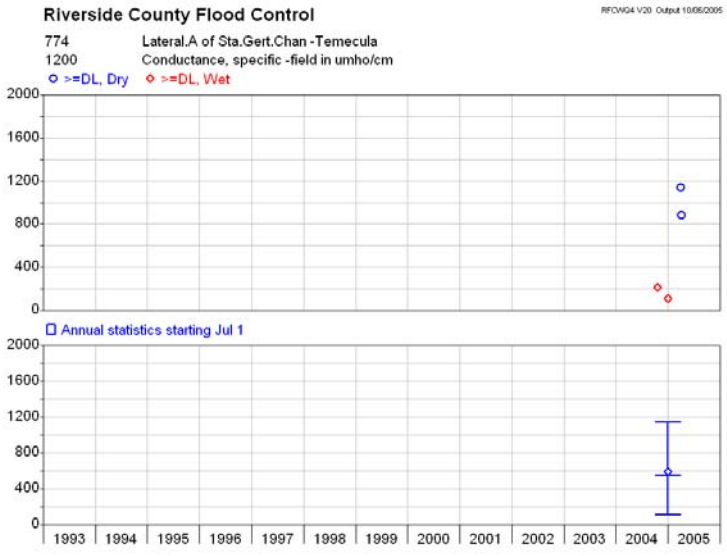
Tributary - Station Name: Santa Gertrudis

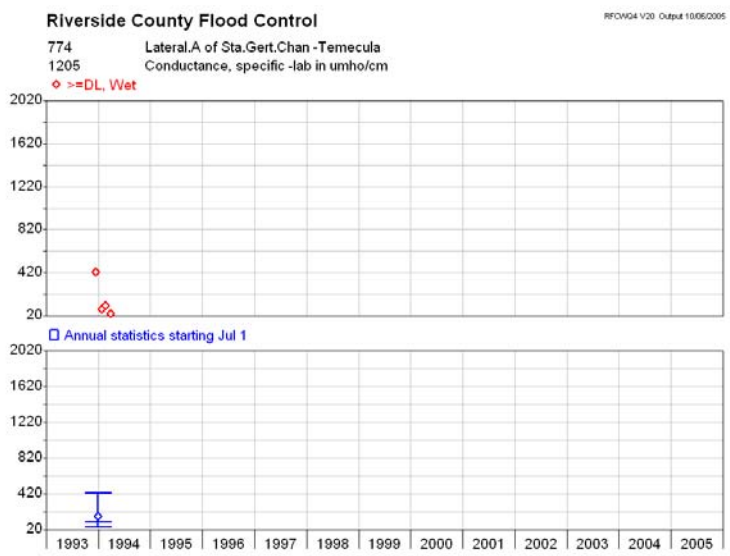
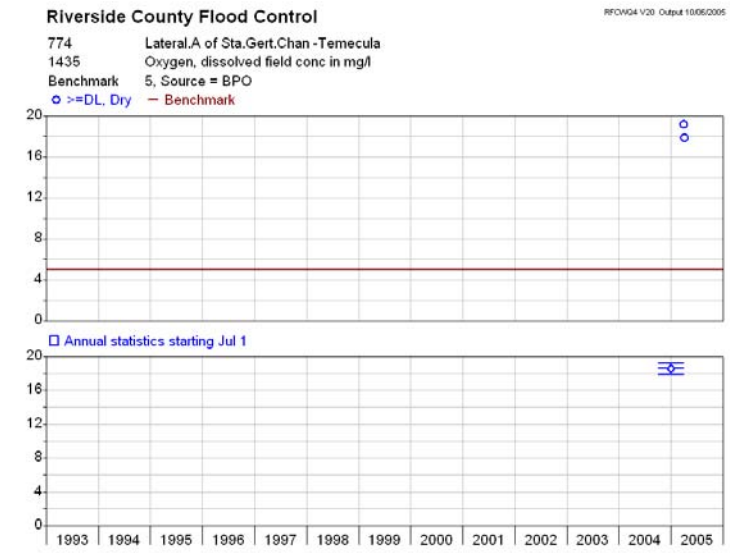
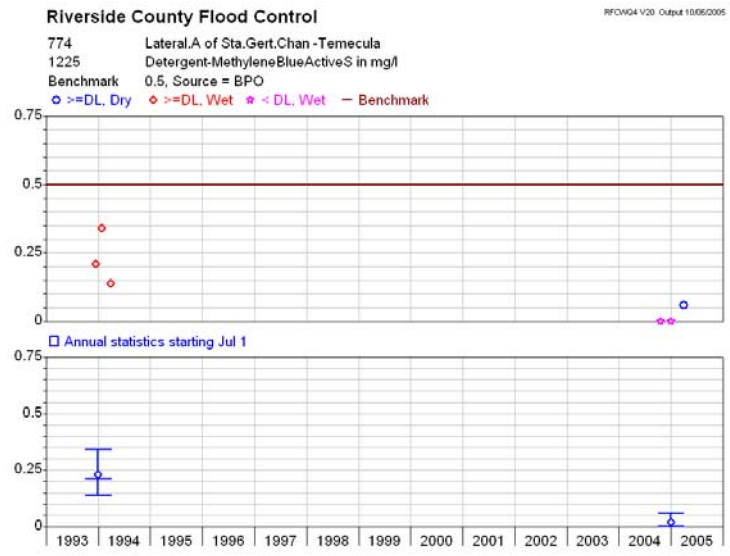
Hydron Reference #: 774

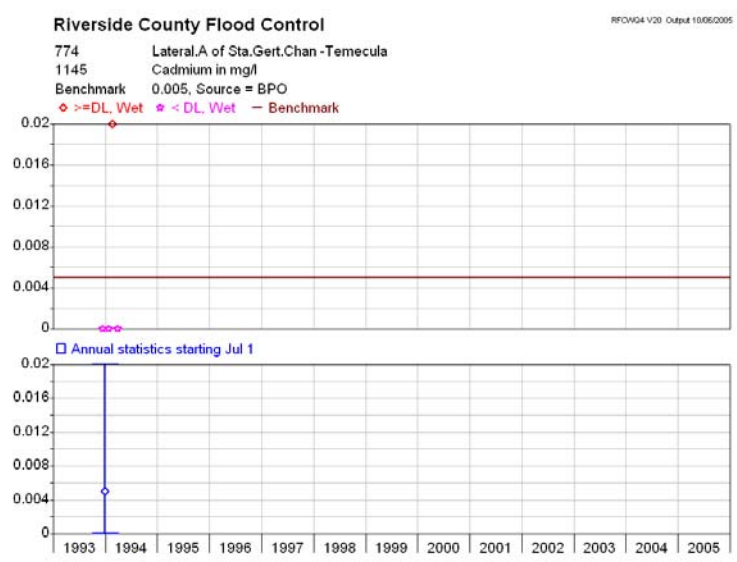
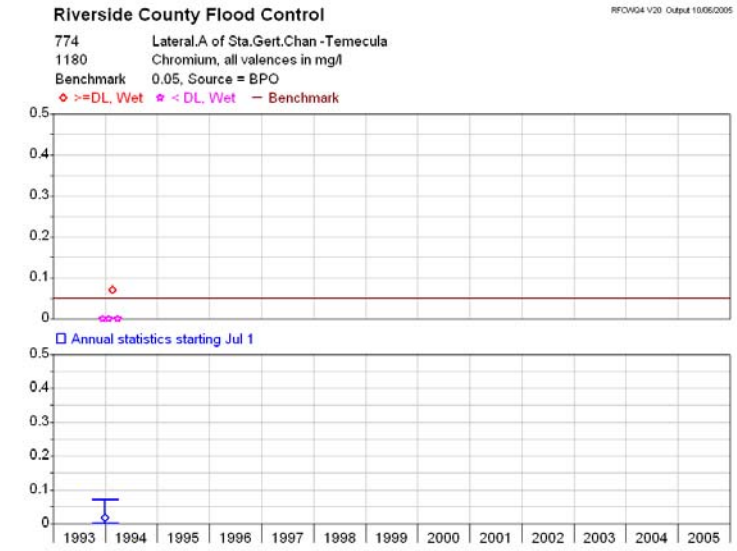
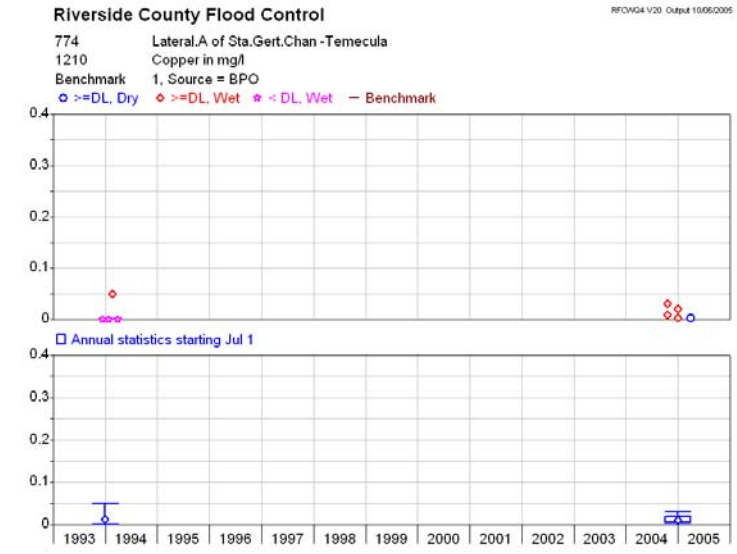
Data Analysis

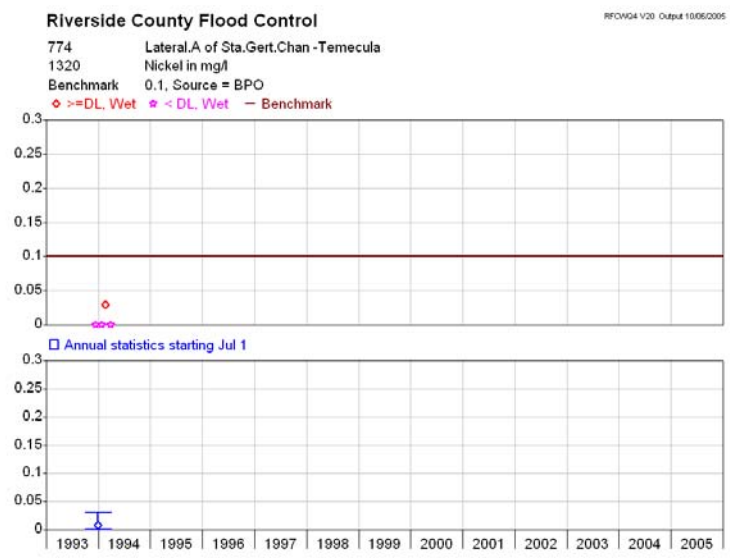
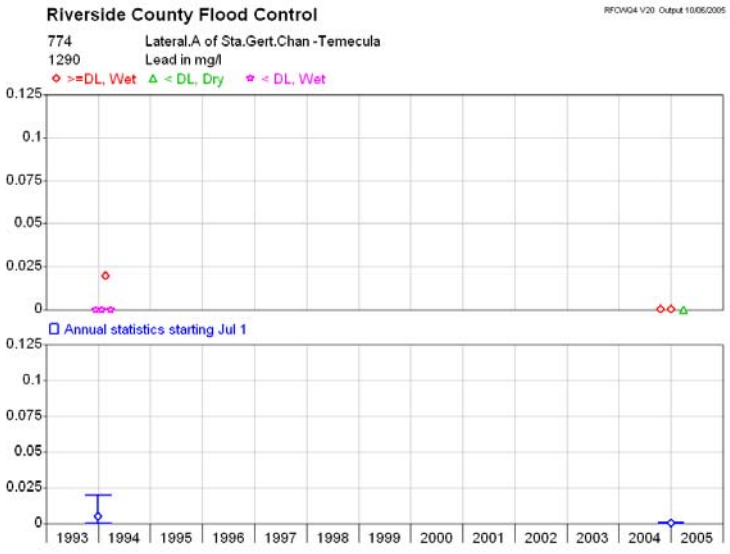
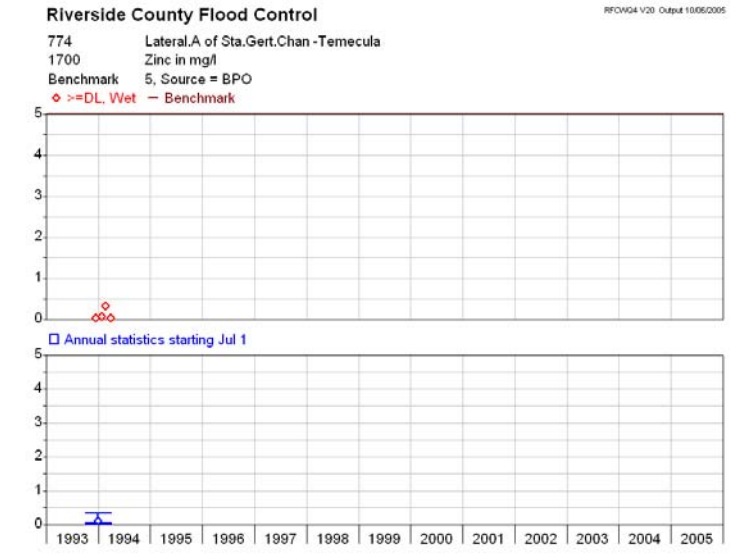
The detailed data analyses below are for Core monitoring parameters identified in M&RP No. R9-2004-001 [II.A.I.1.h)].

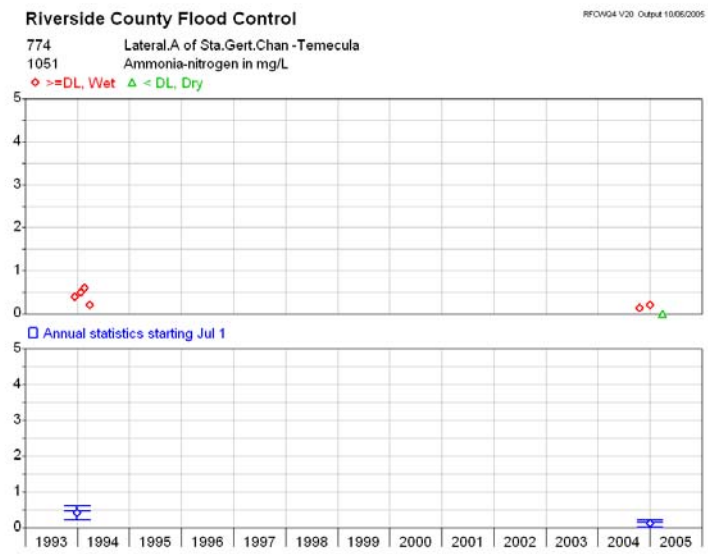
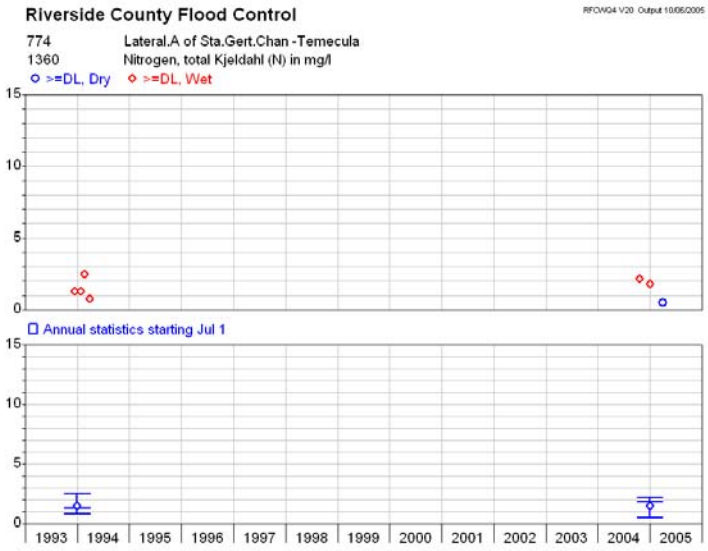
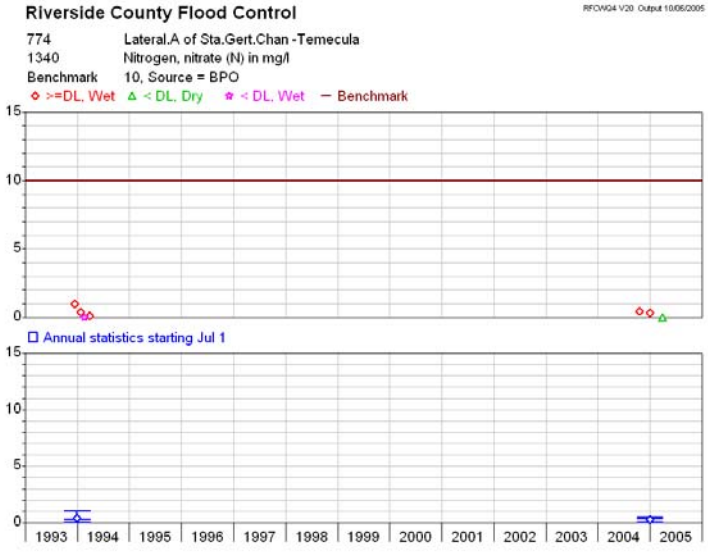
	Temperature C (1655)
	pH field (1705)

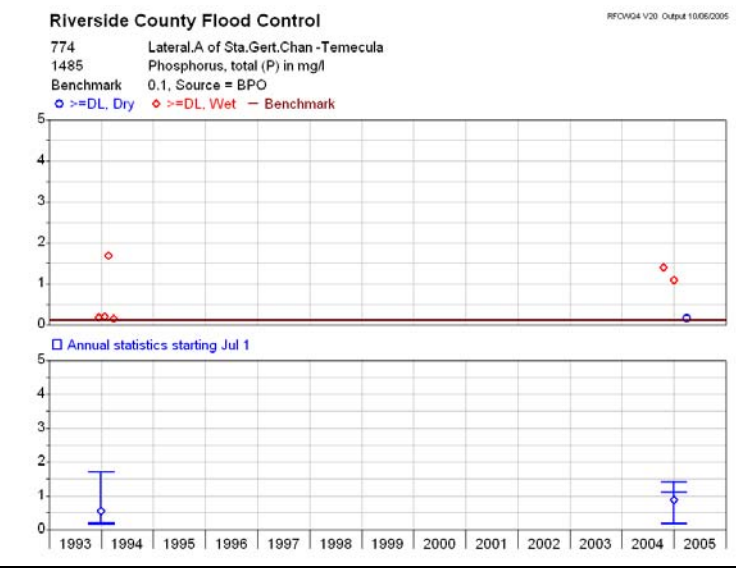
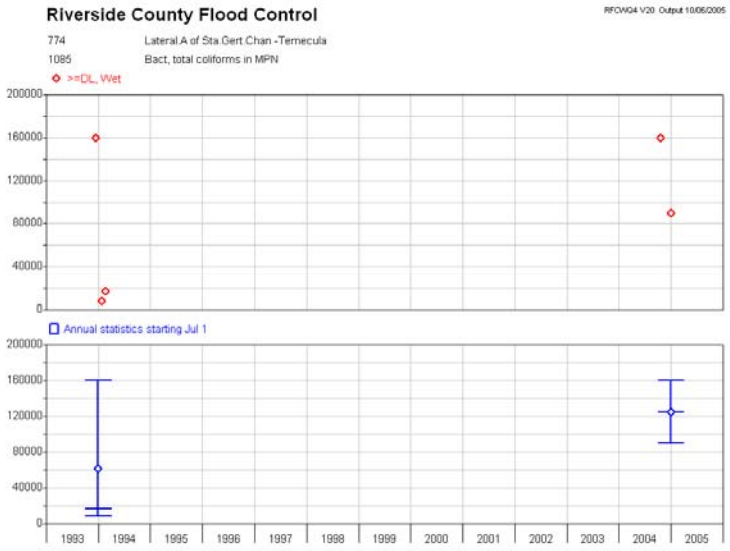
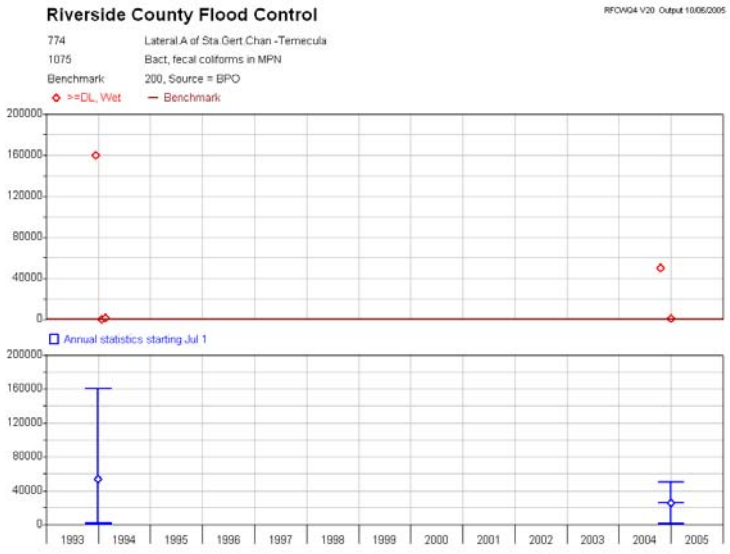
	pH Lab(1710)
	Total Hardness(1265)
	Sp. Conductance, field(1200)

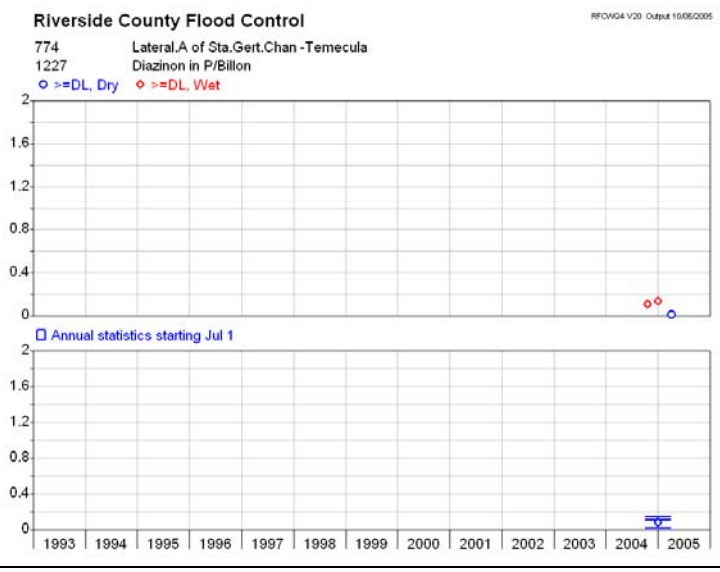
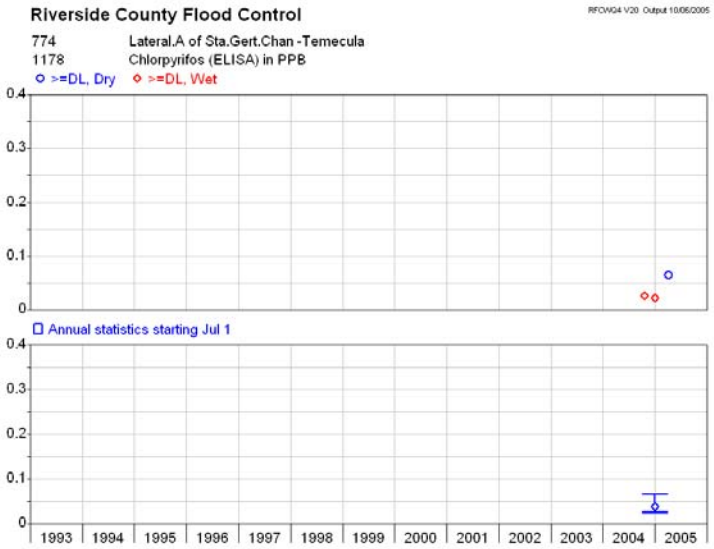
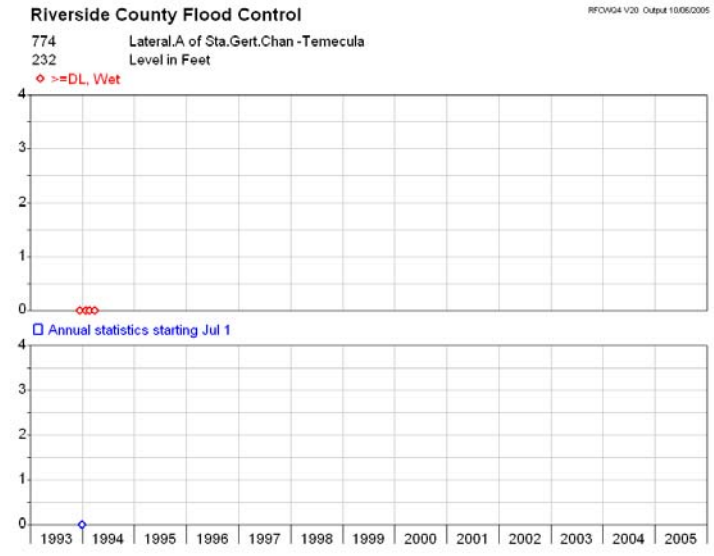
	Sp. Conductance(1205)
	Dissolved Oxygen(1435)
	MBAS(1225)

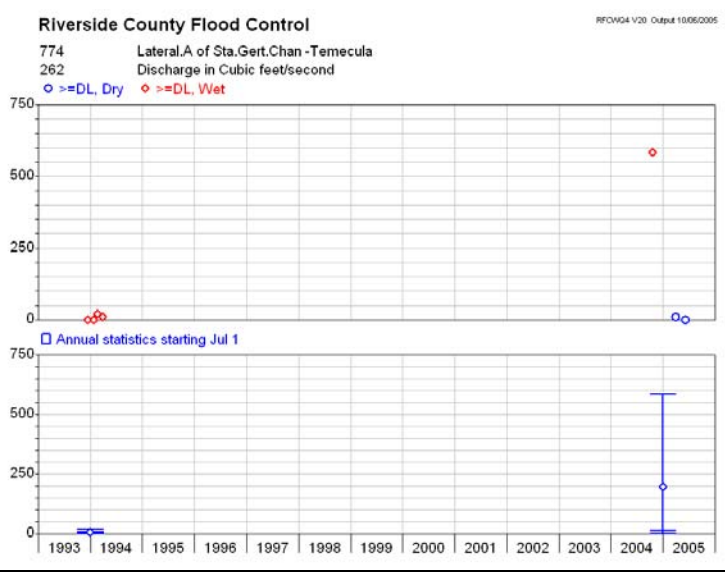
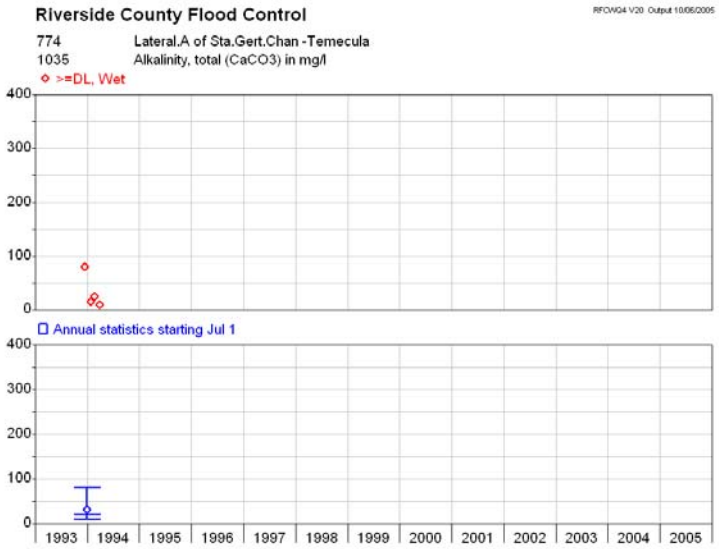
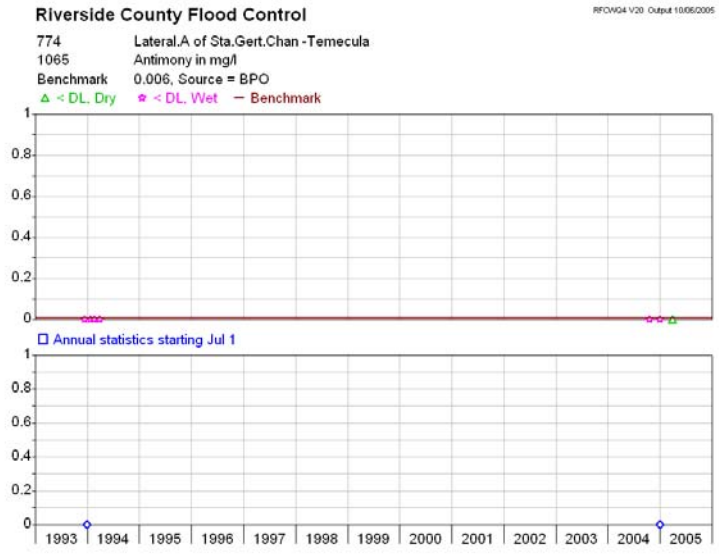
	Cadmium(1145)
	Chromium(1180)
	Copper(1210)

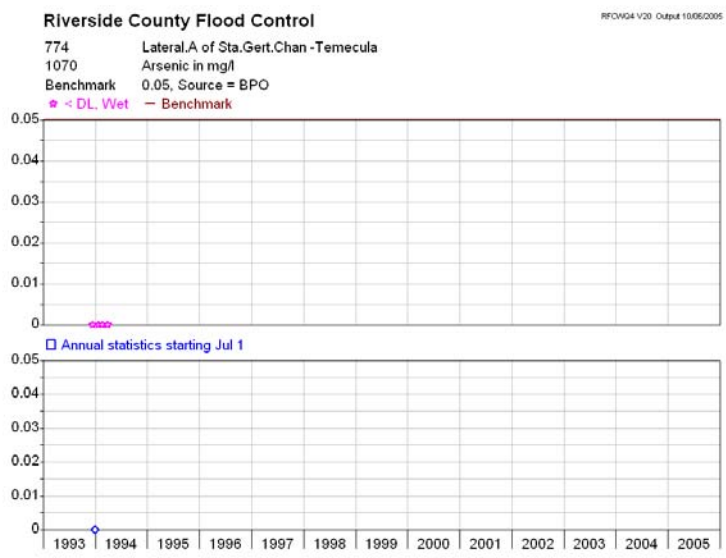
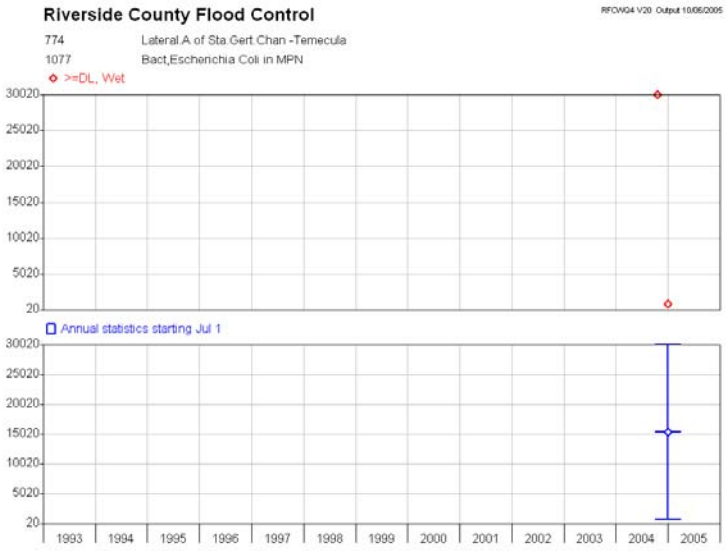
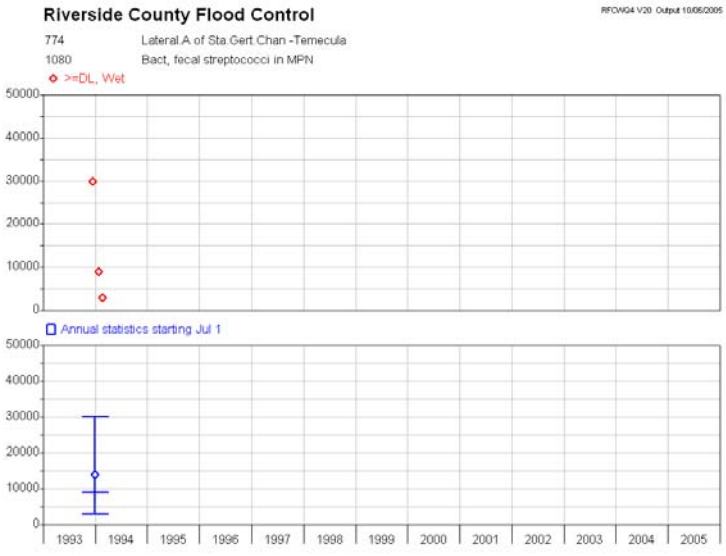
	Nickel(1320)
	Lead(1290)
	Zinc(1700)

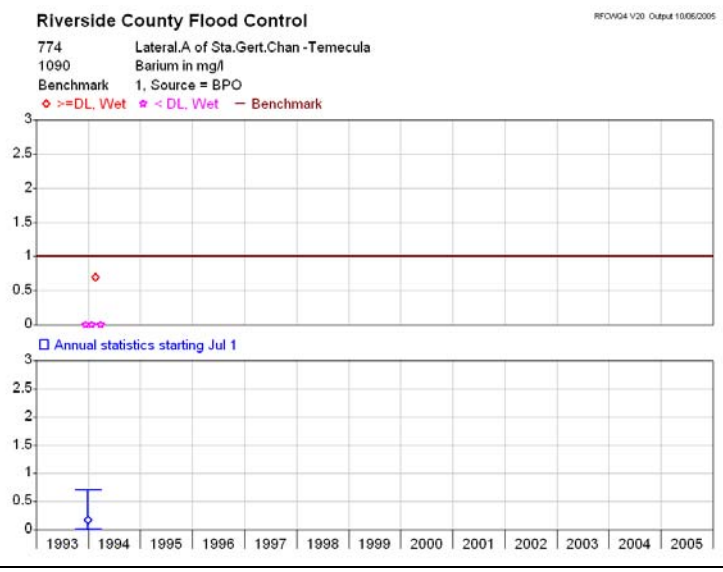
	Ammonia-Nitrogen(1051)
	Kjeldahl Nitrogen(1360)
	Nitrate(1340)

	TP(1485)
	Total Coliforms(1065)
	Fecal Coliforms(1075)

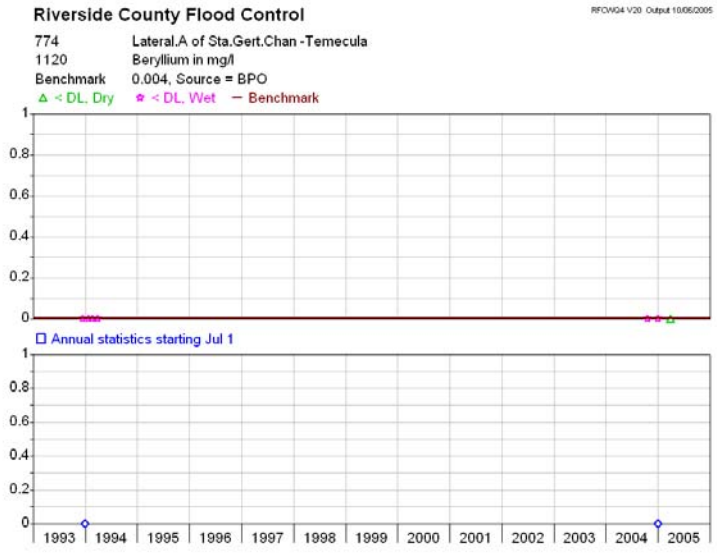
	Diazanon(1227)
	Chlorpyrifos (1178)
	Gage (232)

	Discharge(262)
	Alkalinity(1035)
	Antimony(1065)

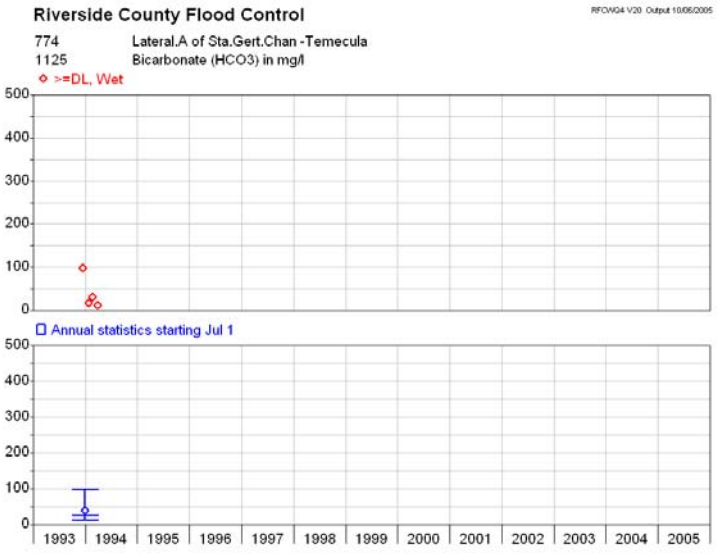
	Arsenic(1070)
	E Coli(1077)
	Fecal Strep. 1080



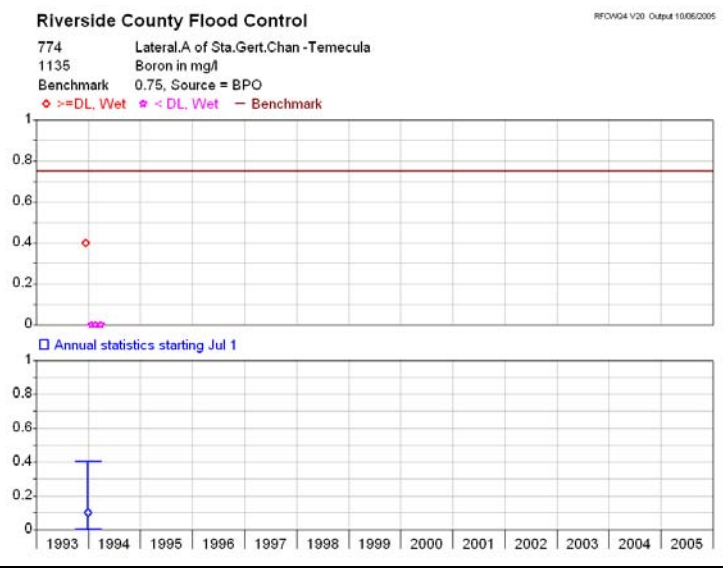
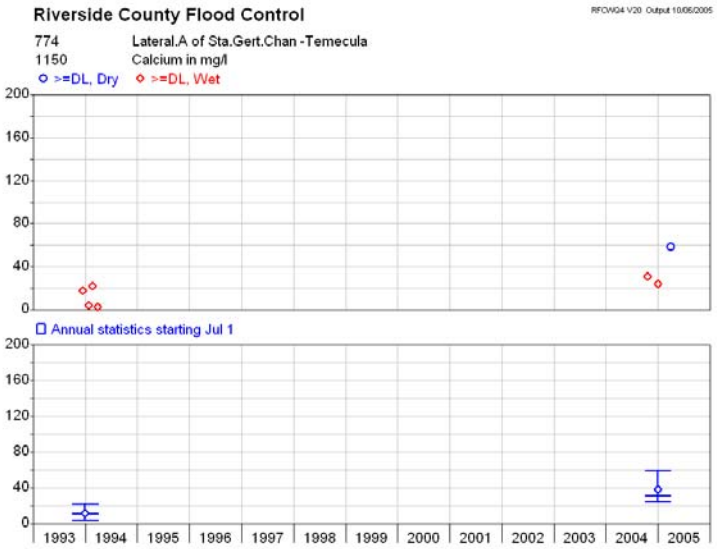
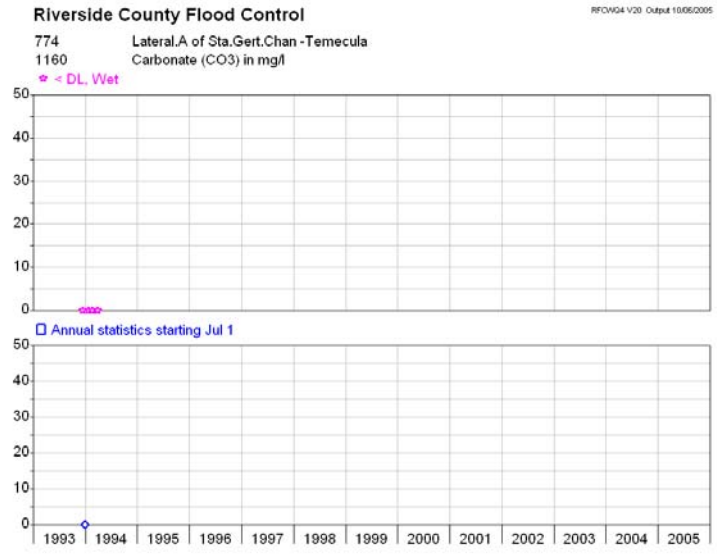
Barium(1090)

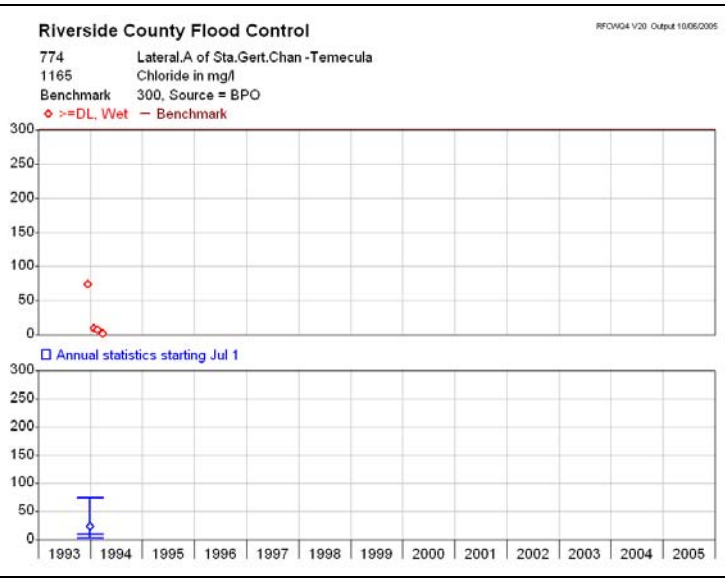
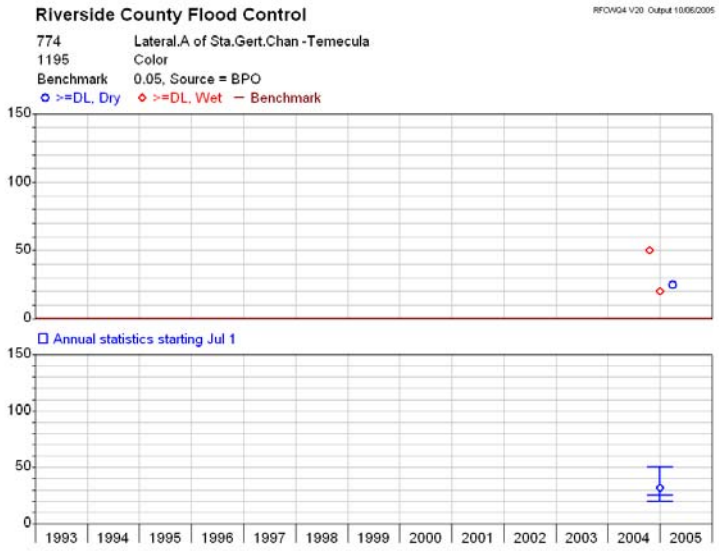
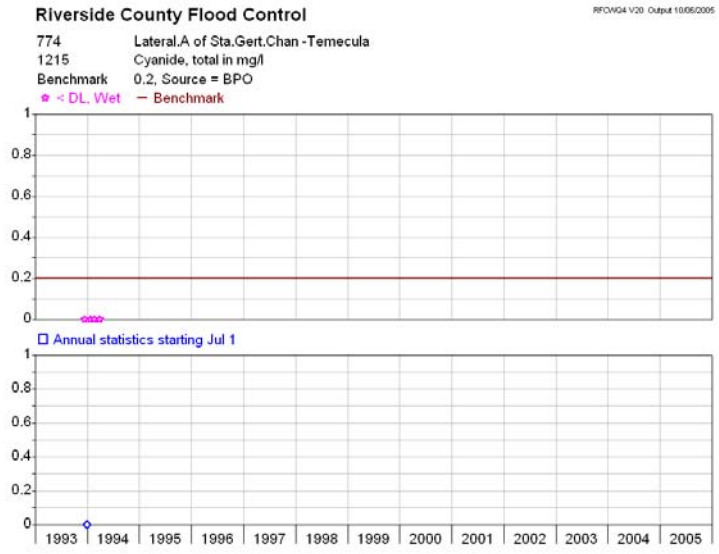


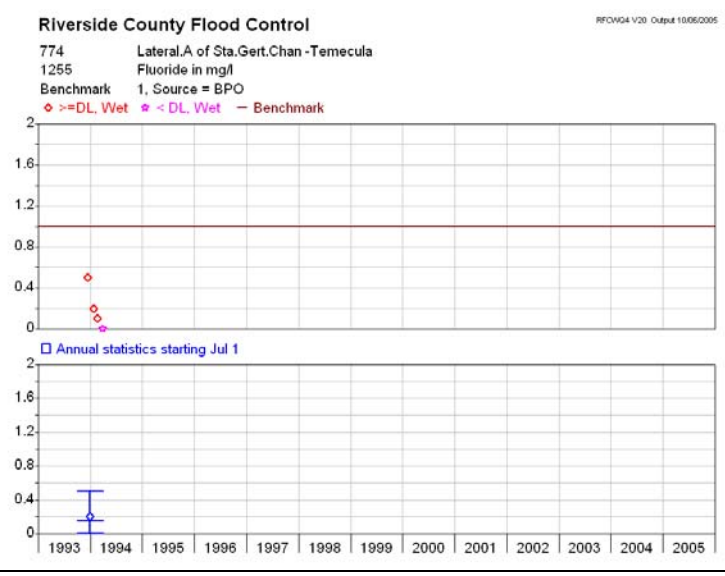
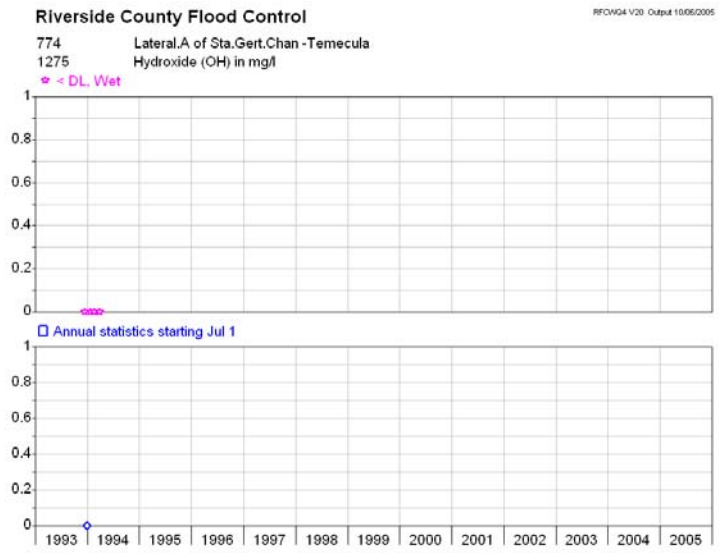
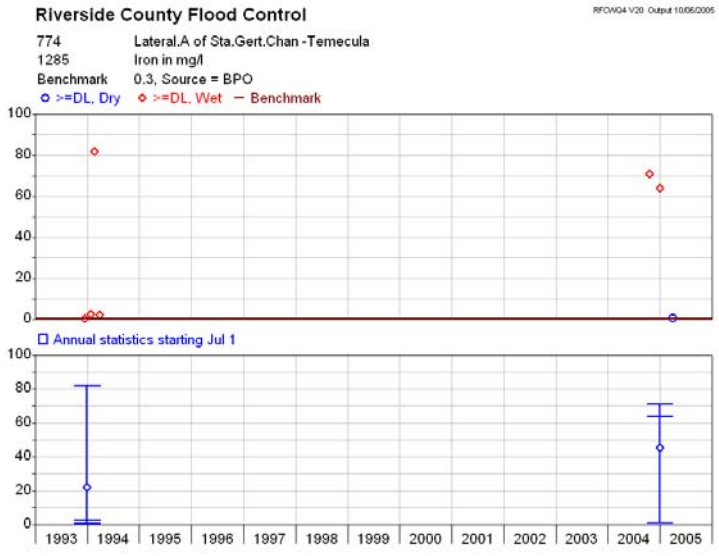
Beryllium (1120)

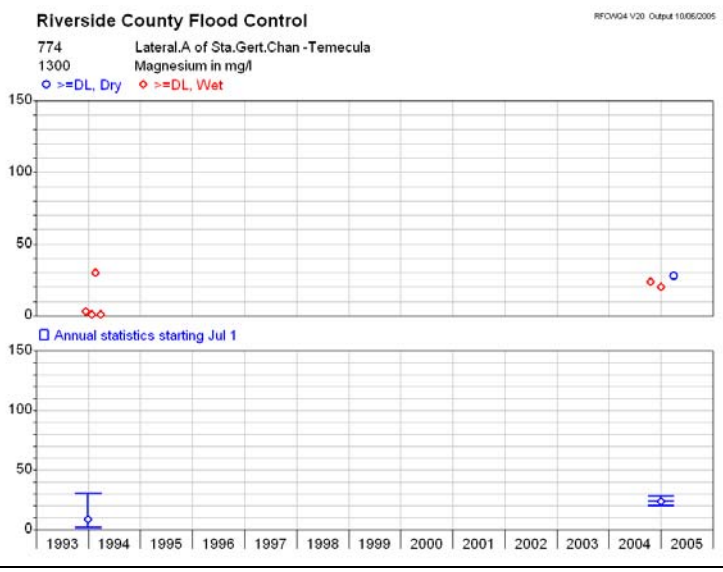
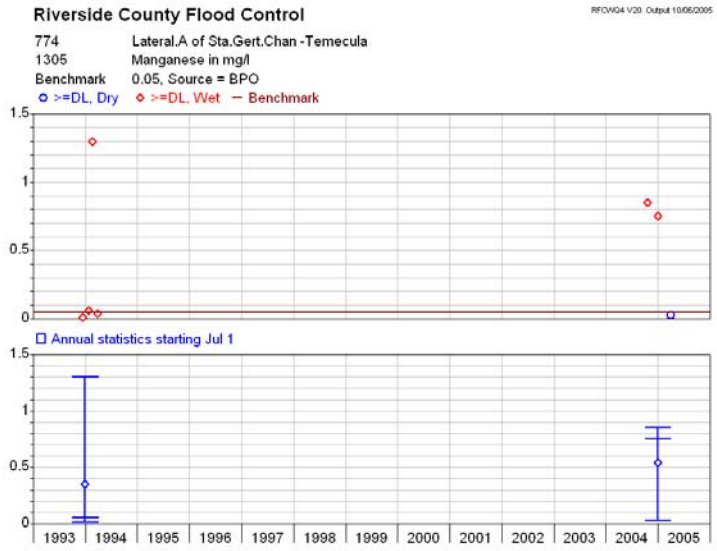
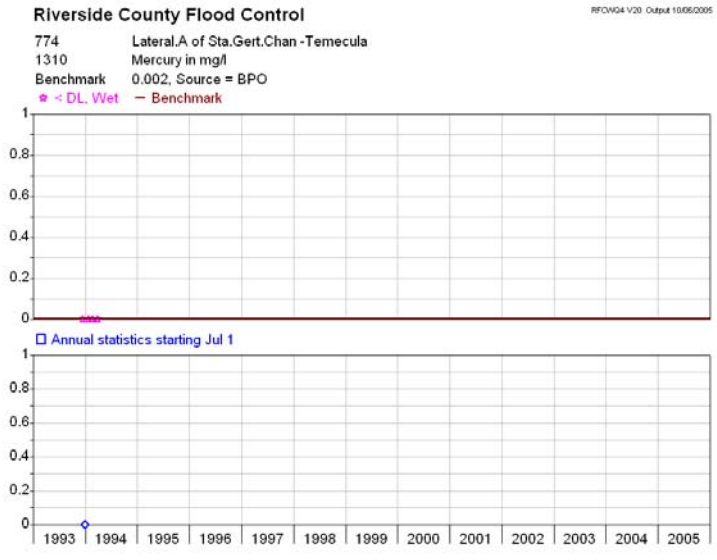


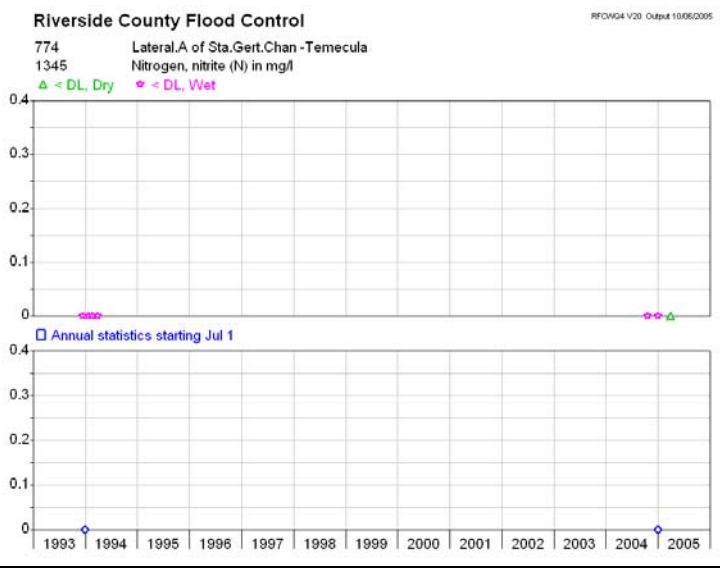
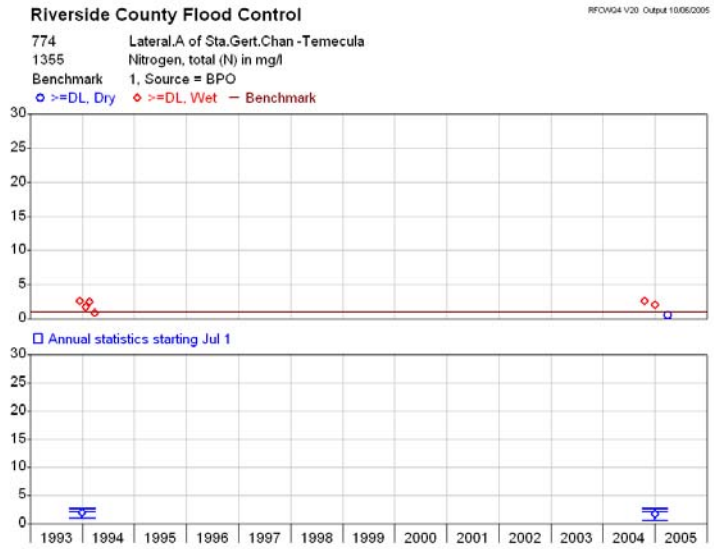
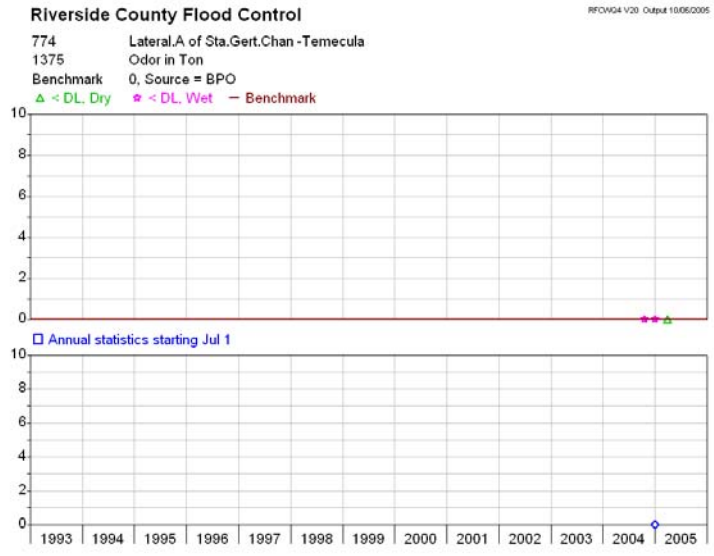
Bicarbonate(1125)

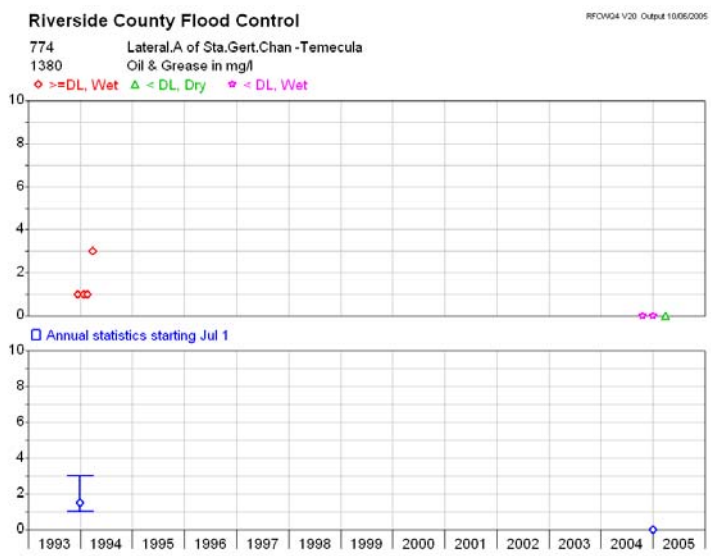
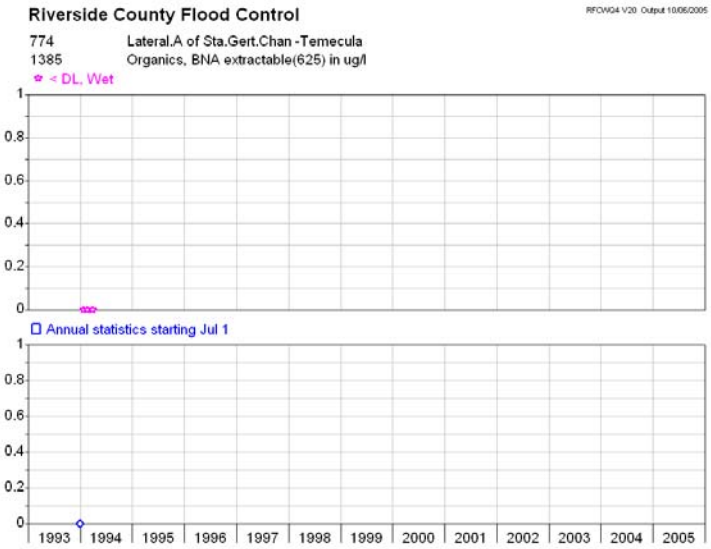
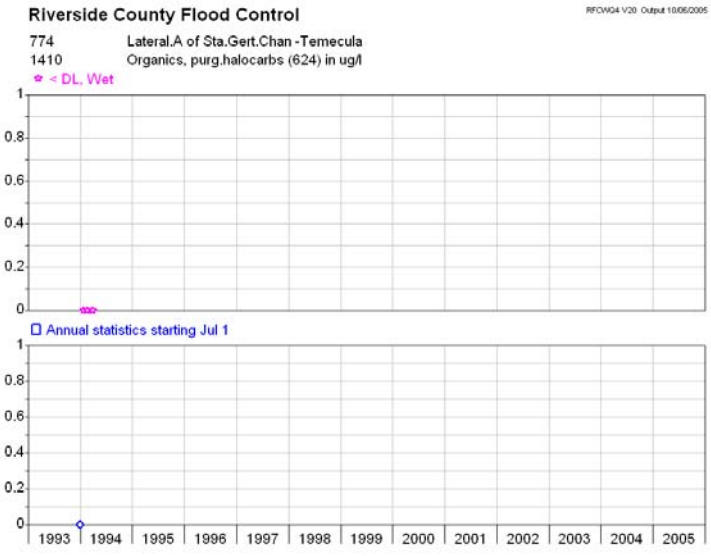
	Boron(1135)
	Calcium(1150)
	(Carbonate,1160)

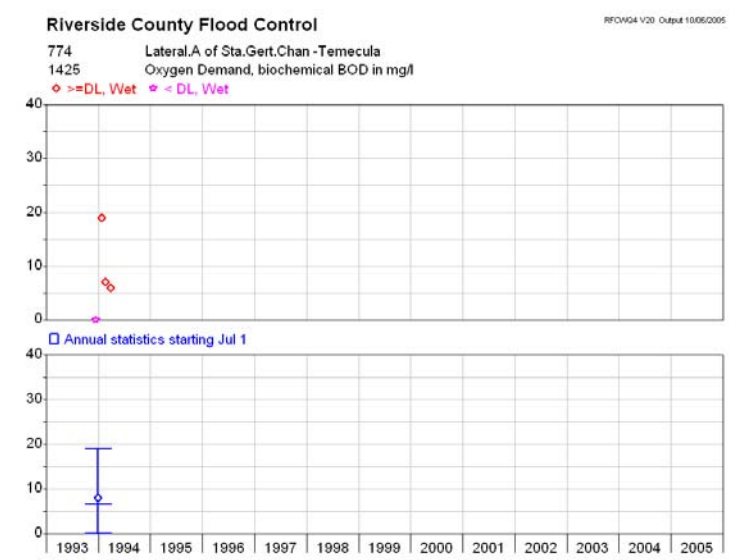
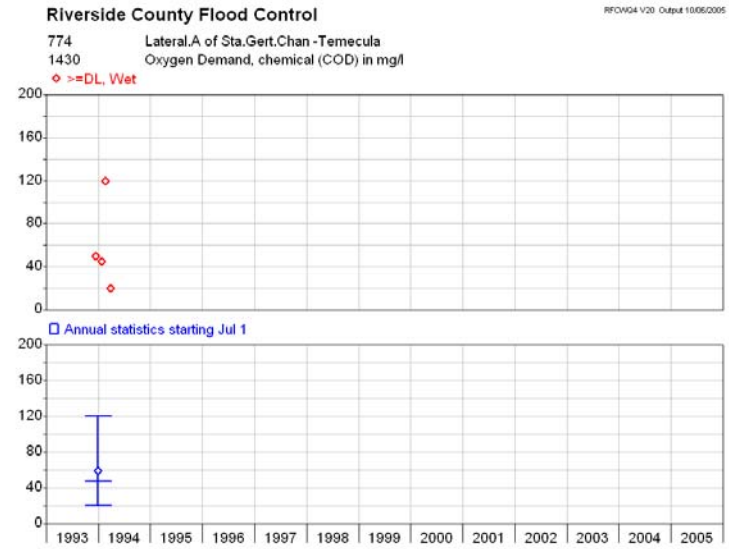
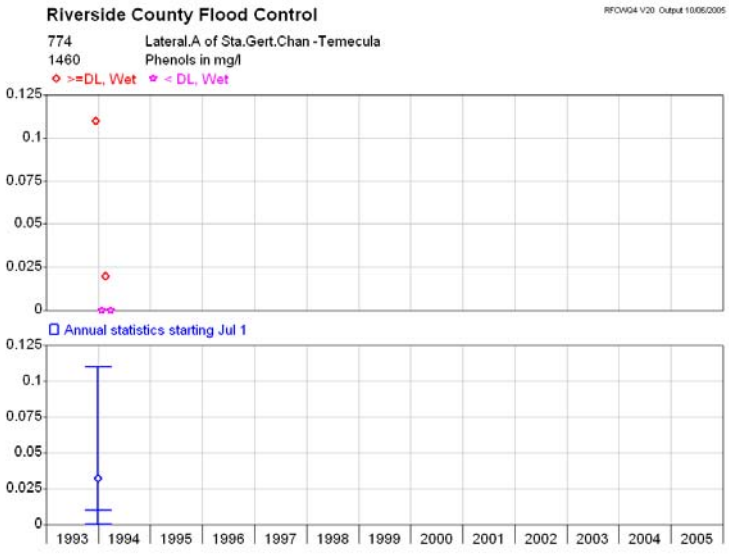
	Chloride(1165)
	Color(1195)
	Cyanide(1215)

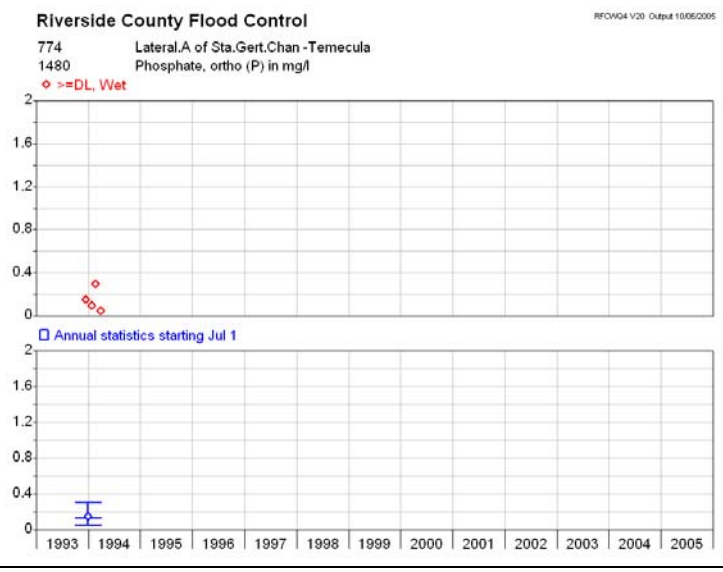
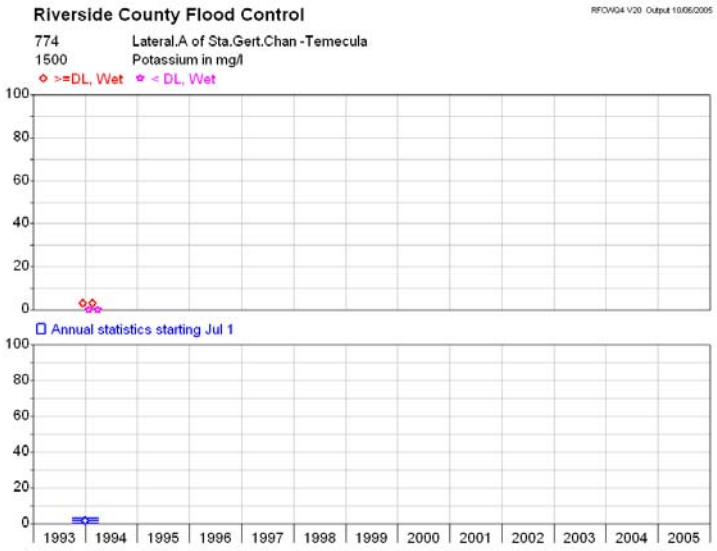
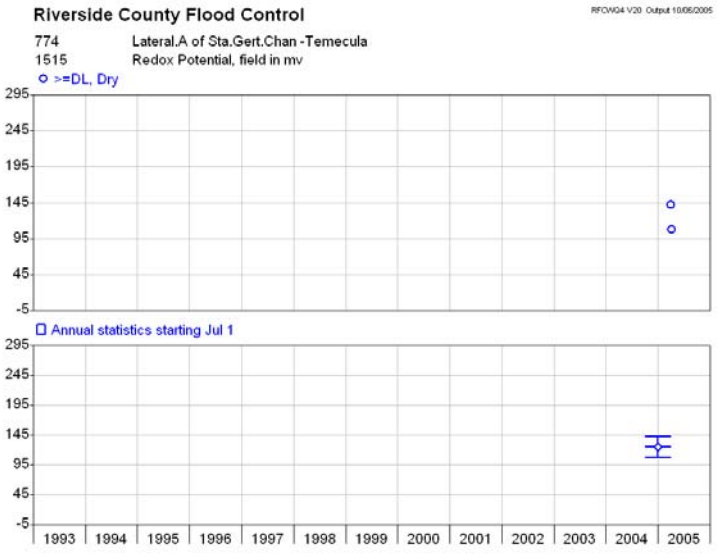
	Flouride(1255)
	Hydroxide(1275)
	(Iron, 1285)

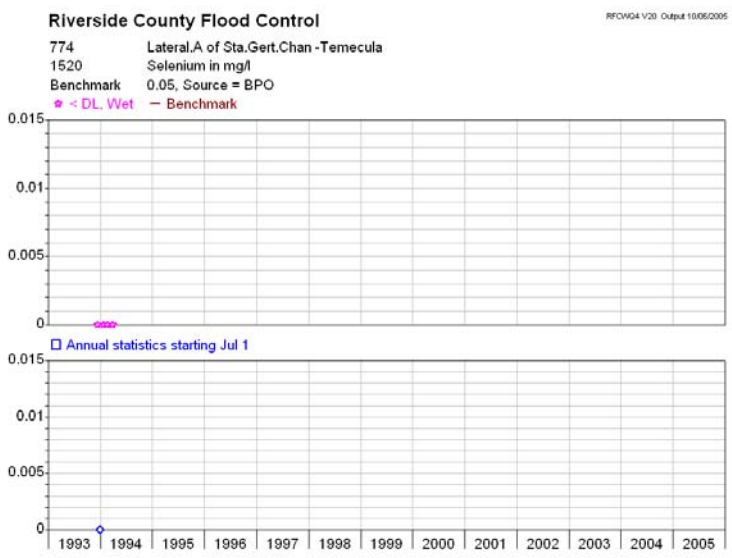
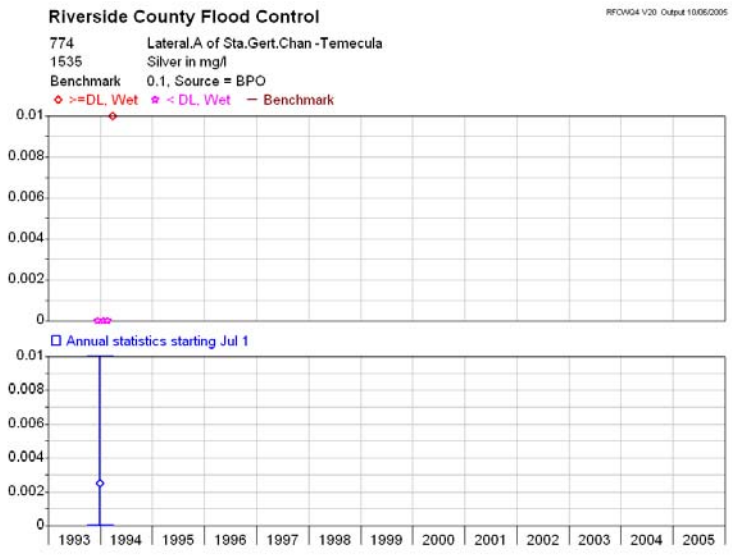
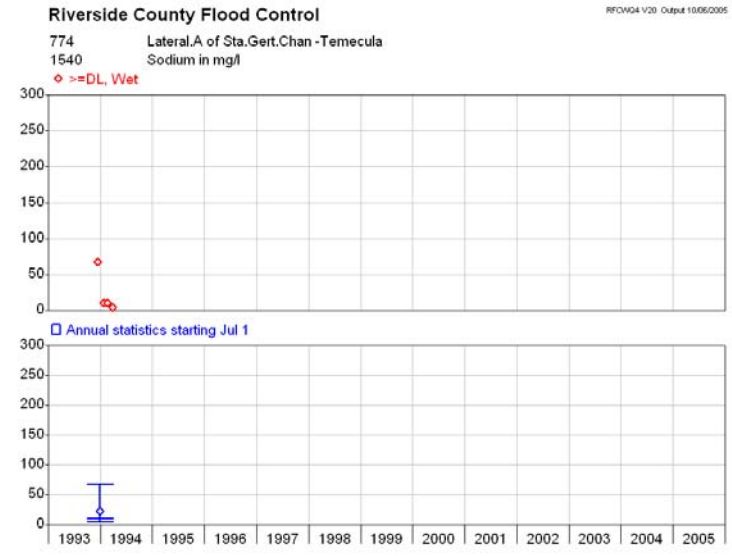
	(Magnesium, 1300)
	(Manganese, 1305)
	(Mercury, 1310)

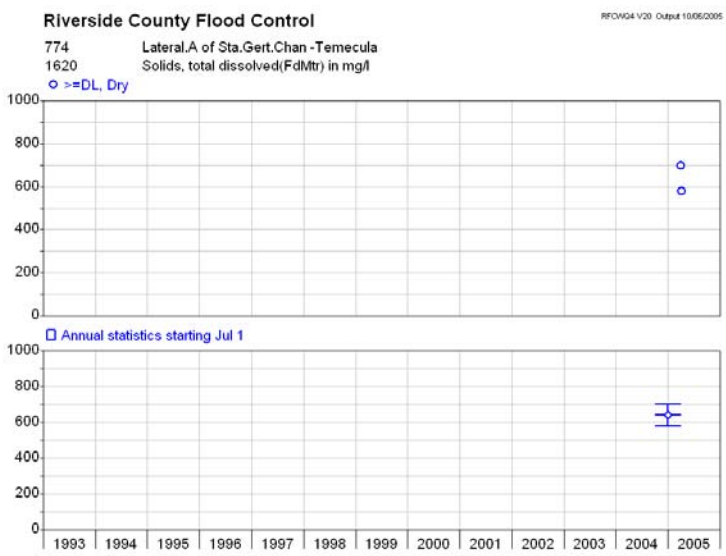
	Nitrite(1345)
	TN(1355)
	Odor(1375)

	Oil and Grease (1380)
	BNA Organics(1385)
	Organics(1410)

	(BOD, 1425)
	(COD, 1430)
	Phenols(1460)

	Phosphate(1480)
	Potassium(1500)
	Redox(1515)

	Selenium(1520)
	Silver(1535)
	Sodium (1540)



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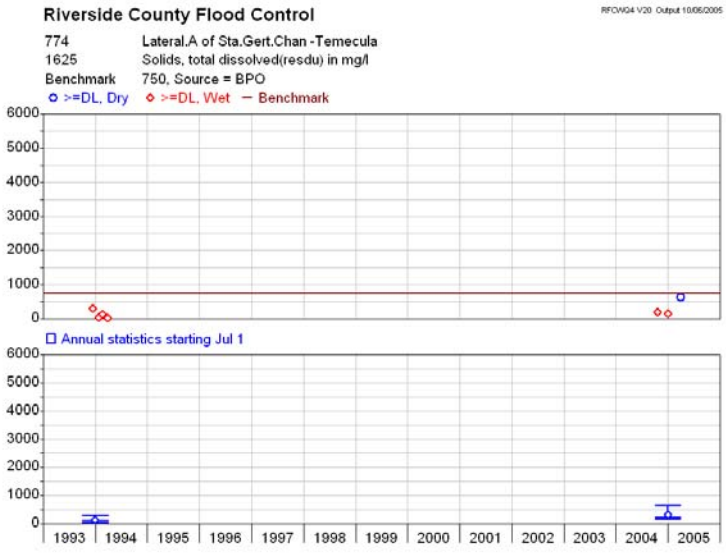

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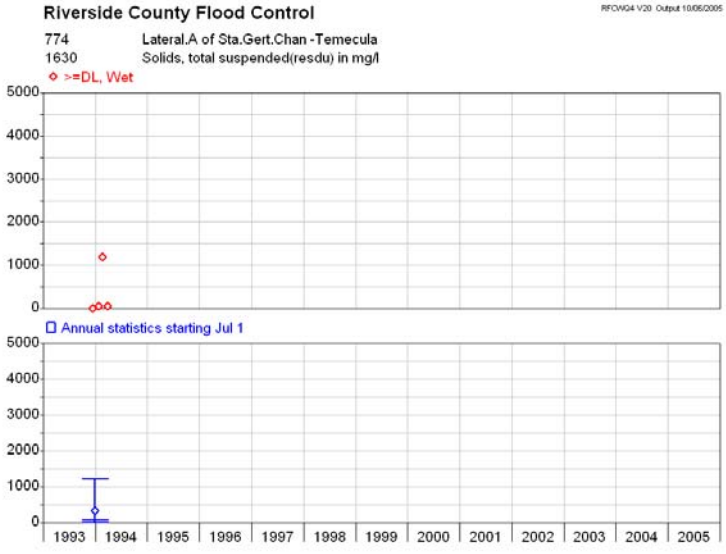

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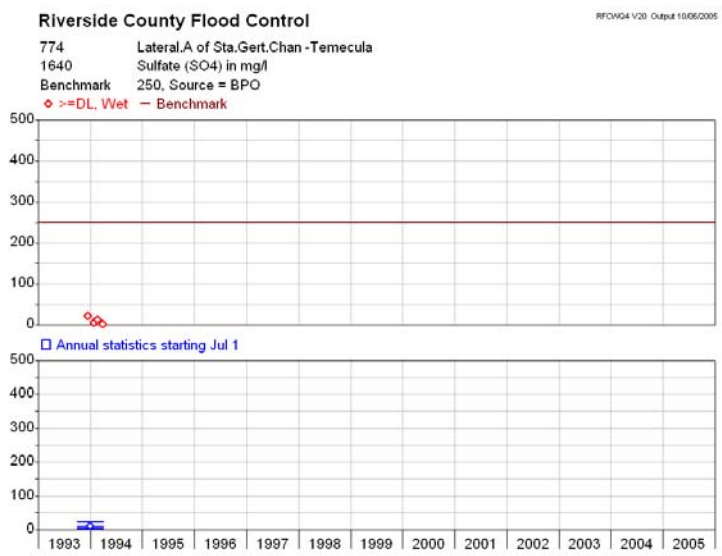
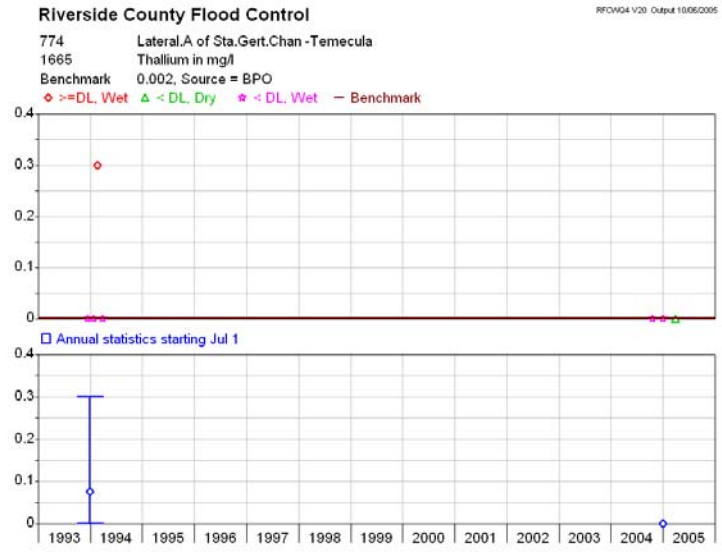
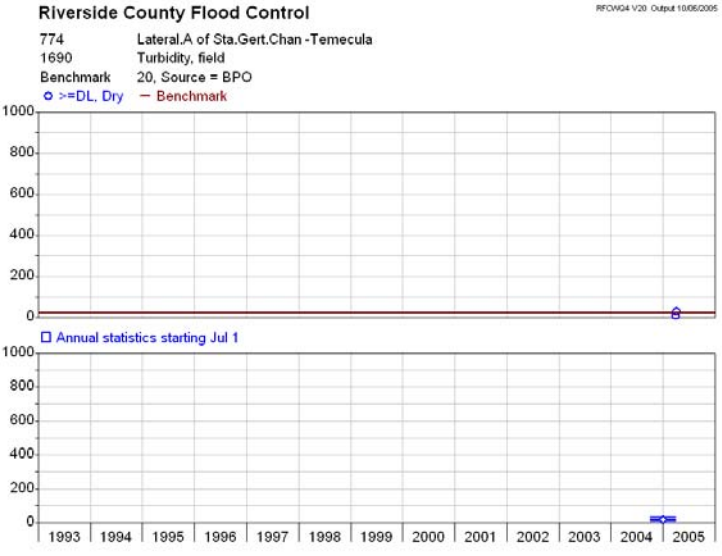
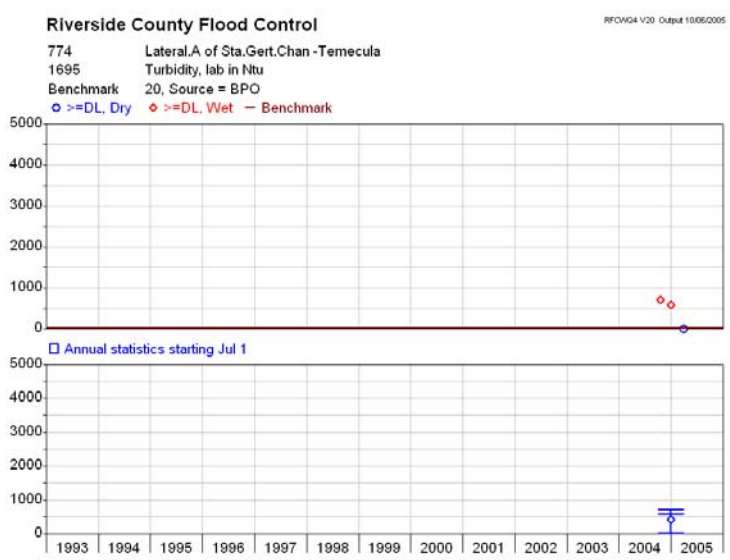
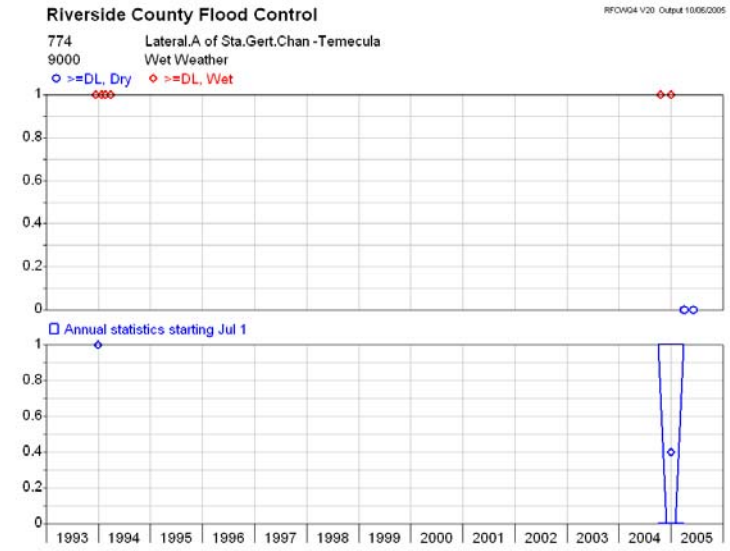
	Sulfate(1640)
	Thallium(1665)
	Turbidty (1690)

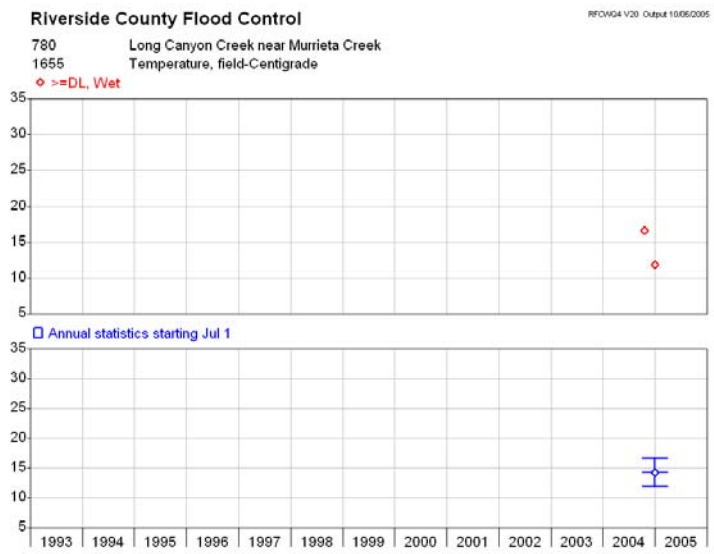
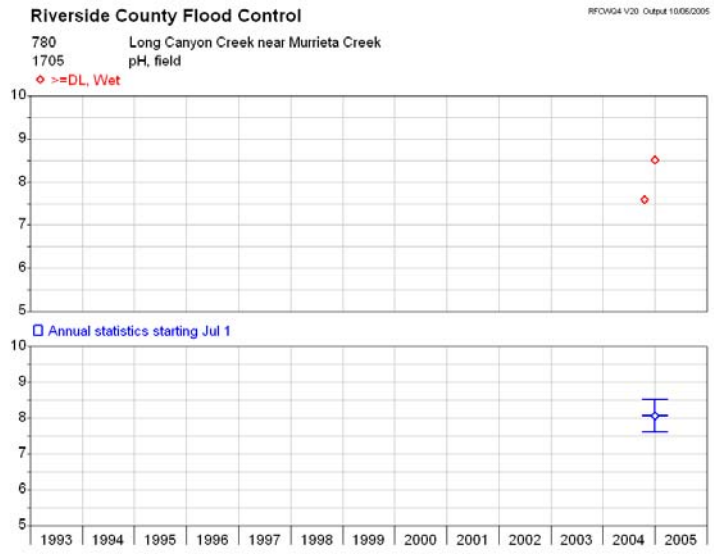
	Turbidty (1695)
	

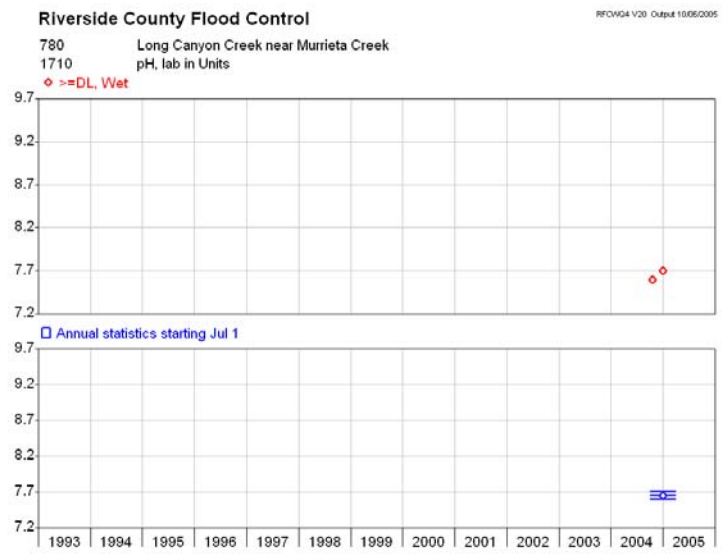
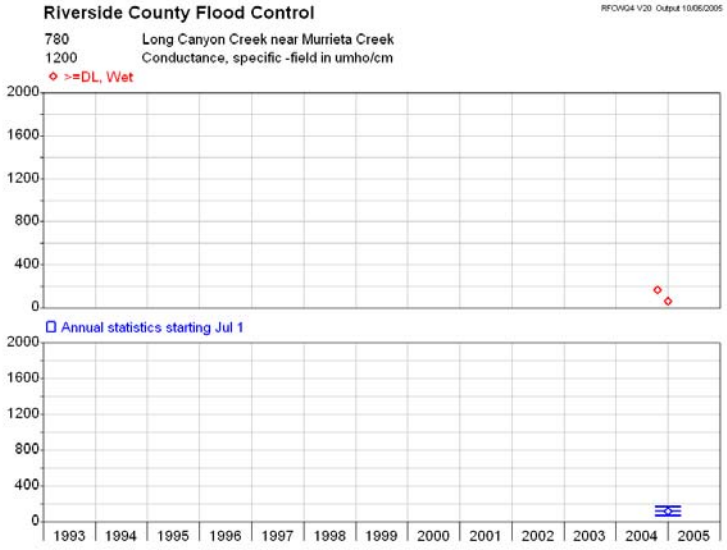
Tributary - Station Name: Long Canyon

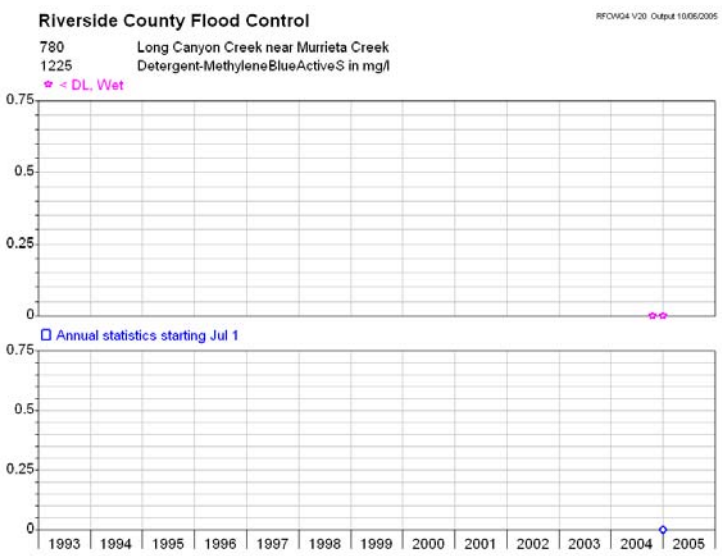
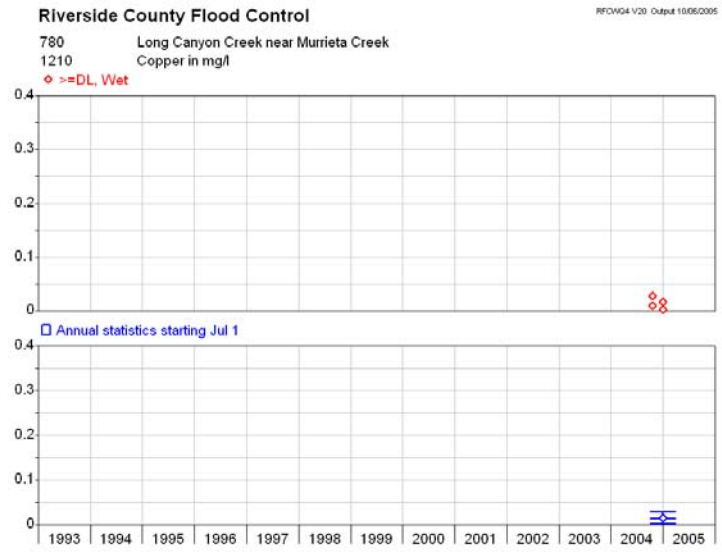
Hydron Reference #: 780

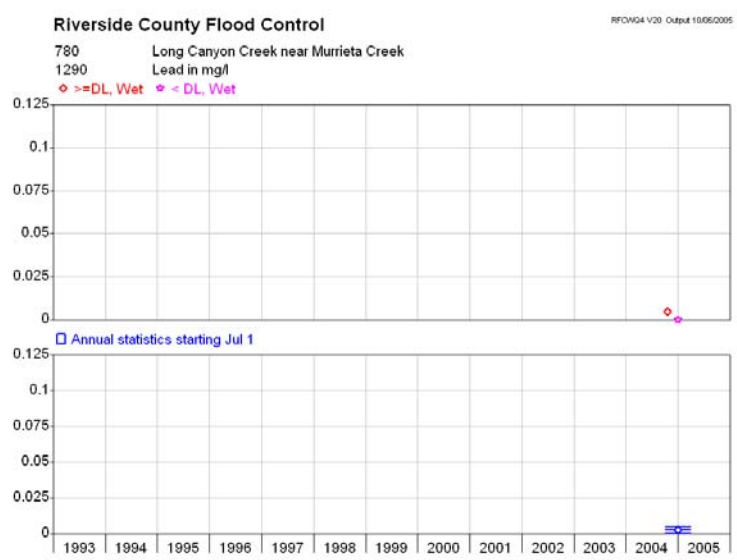
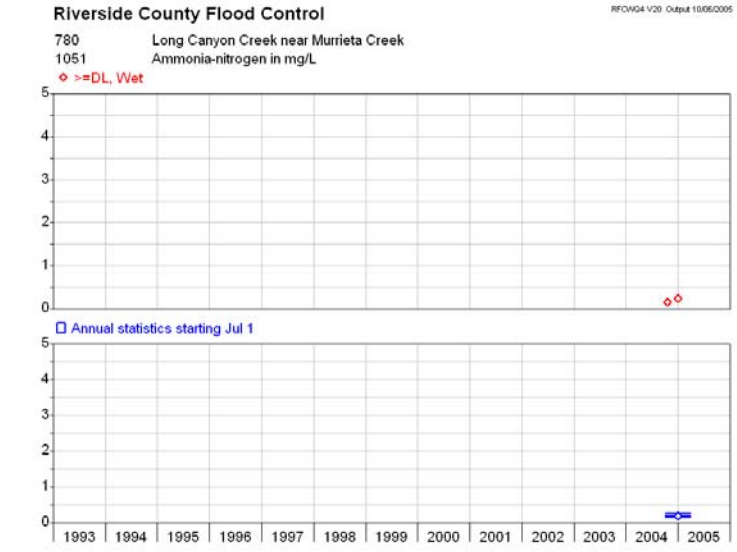
Data Analysis

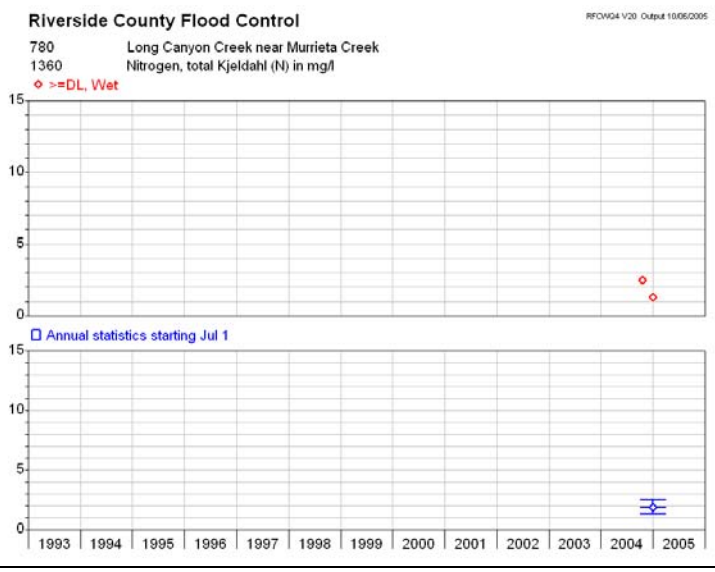
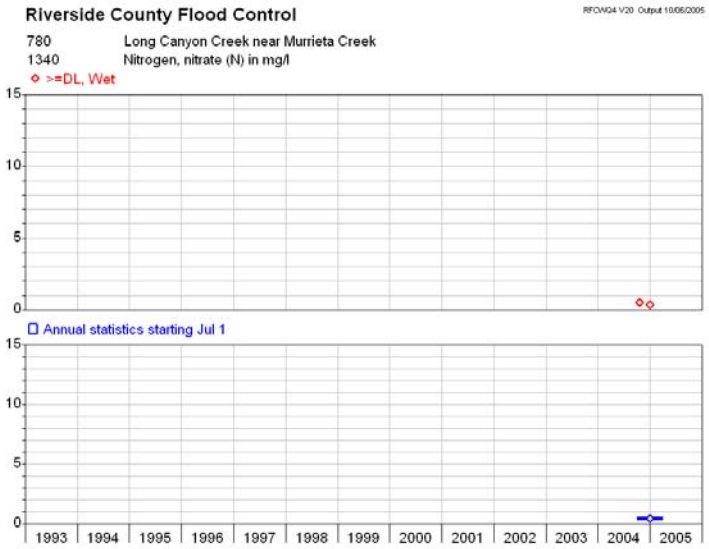
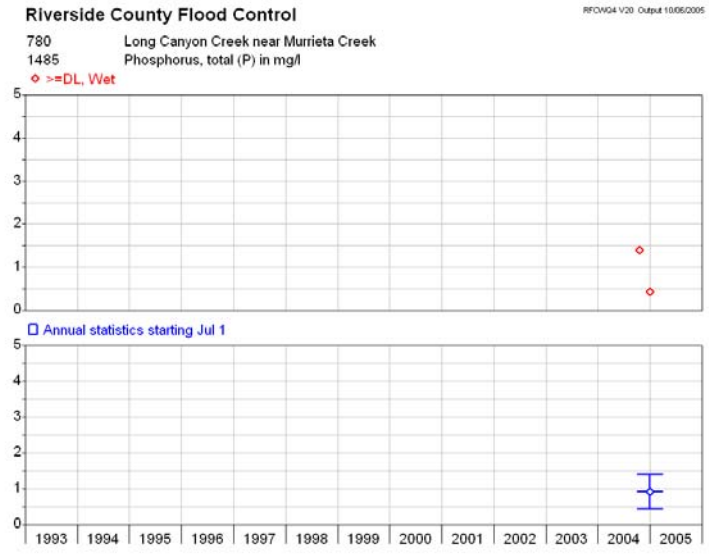
The detailed data analyses below are for Core monitoring parameters identified in M&RP No. R9-2004-001 [II.A.I.1.h)].

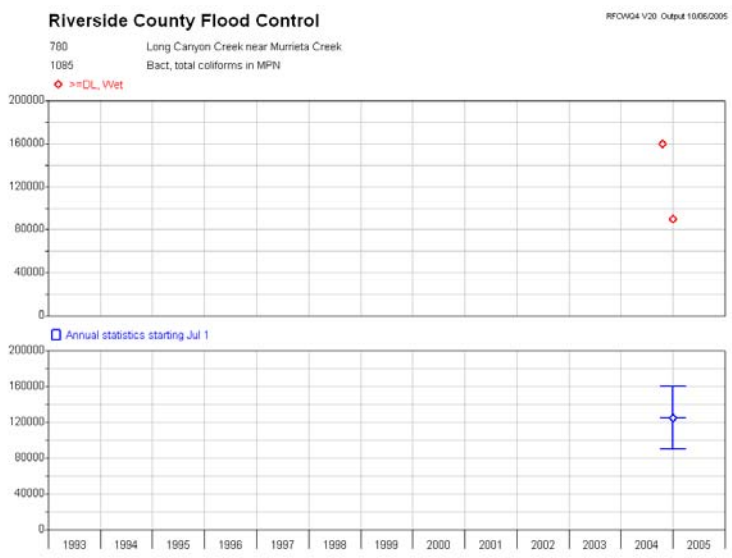
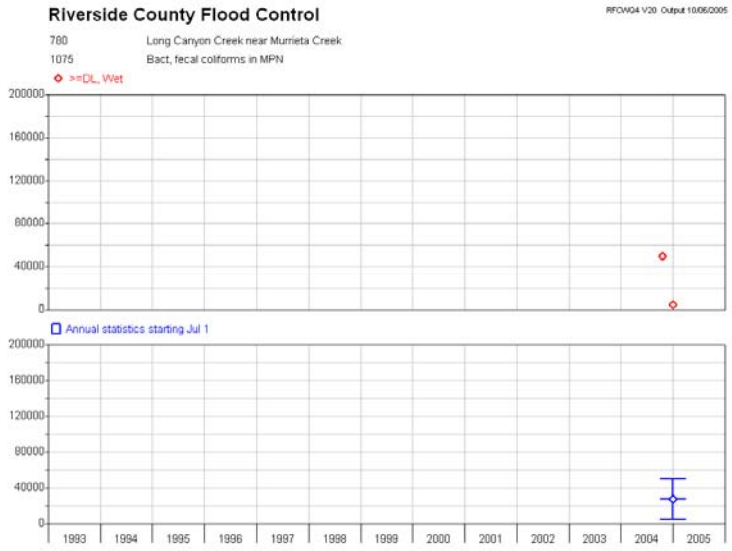
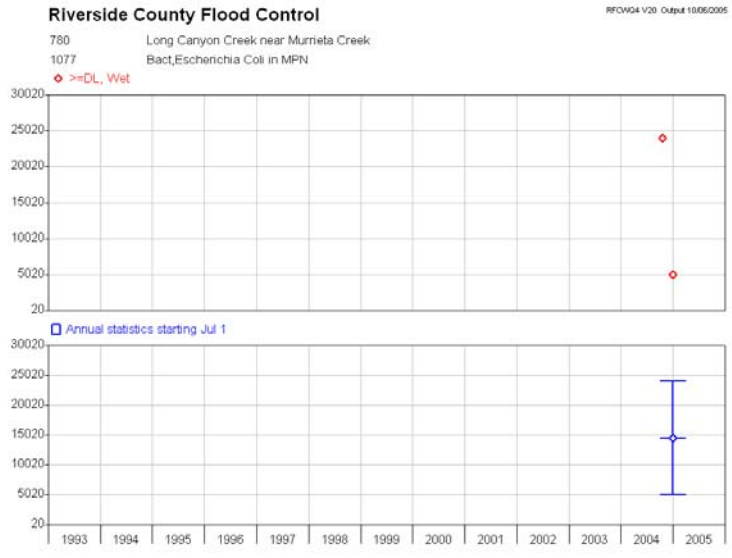
	Temperature (#1655, deg. C,)
	pH(#1705, field; #1710, lab)

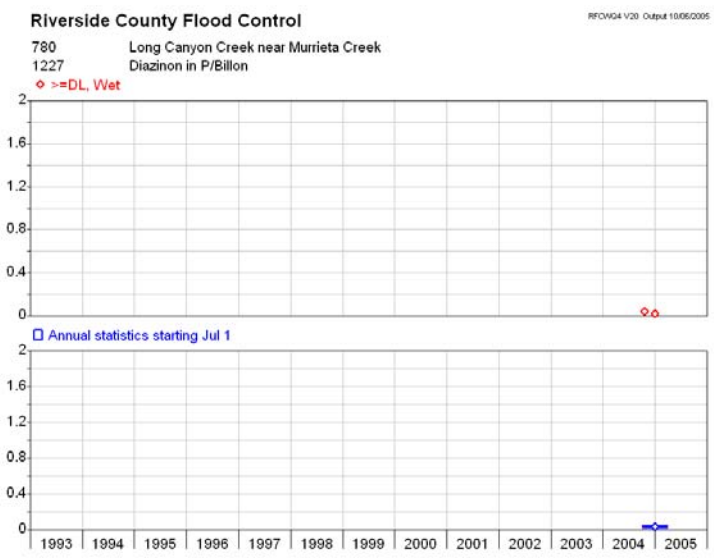
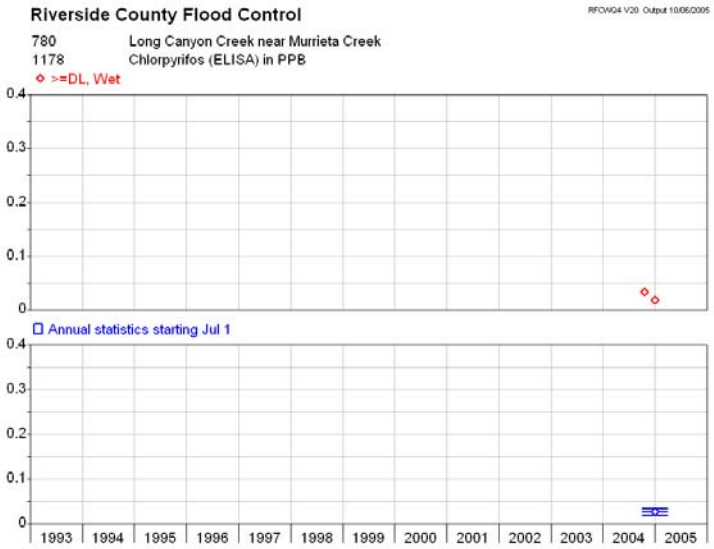
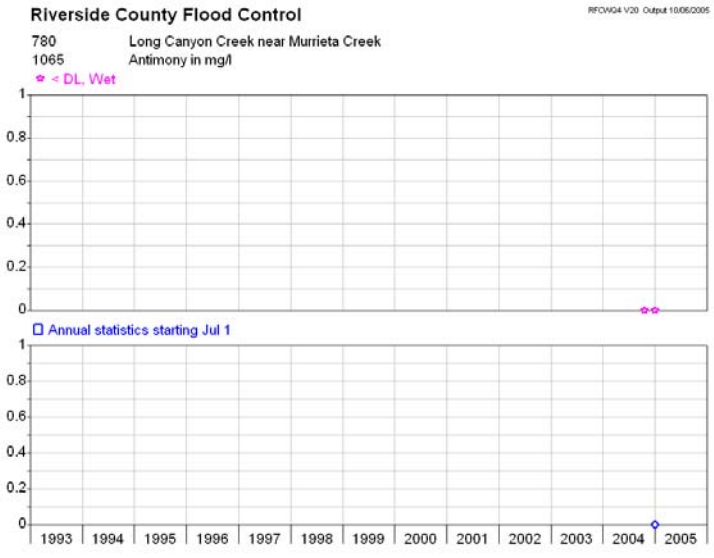
	
	Hardness (1265)
	Specific Conductance (1200; #1205, lab)
	Dissolved Oxygen(#1435)

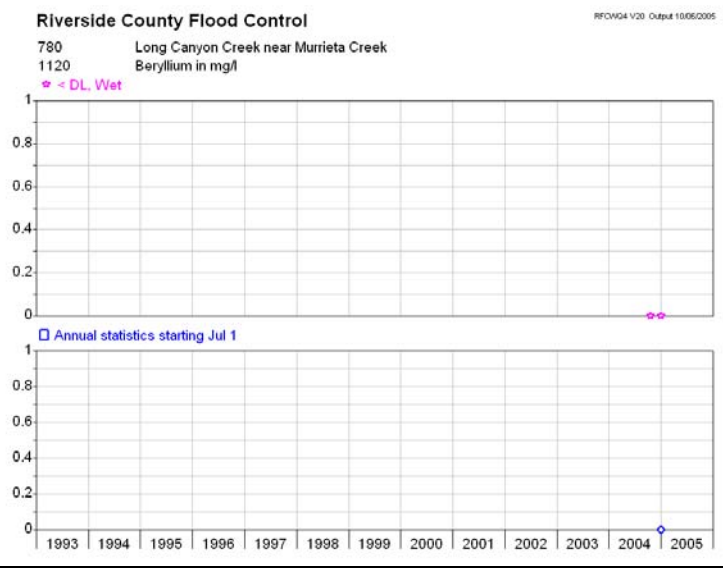
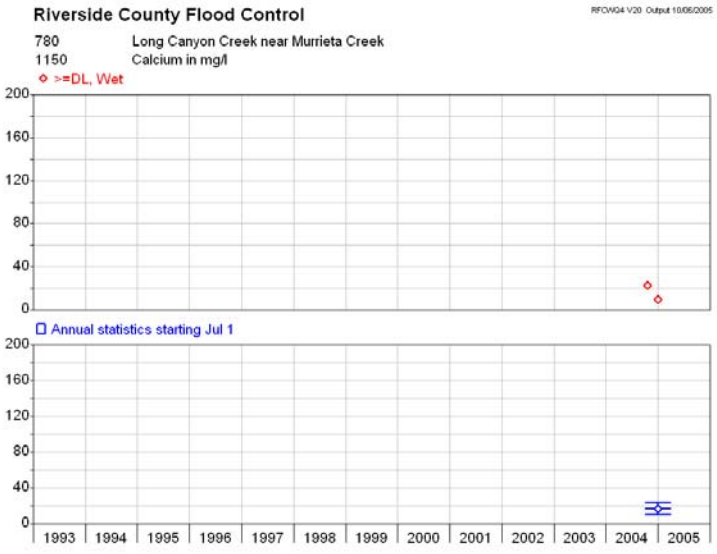
	MBAS(#1225)
	Total Cadmium(#1145)
	Total Chromium(#1180)
	Total Copper(#1210) Where detected, the data are randomly distributed, with no clear trends evident.
	Total Nickel(#1320) Mostly non-detect. Detects tend to occur during wet weather. Clear (at least 3 points) increasing trend noted in wet weather data at Station 769. Clear decreasing trend noted in wet weather data at Station 404.

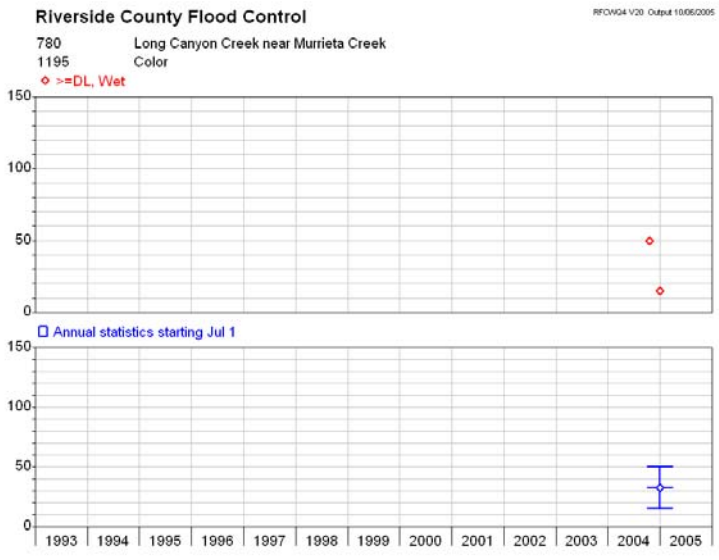
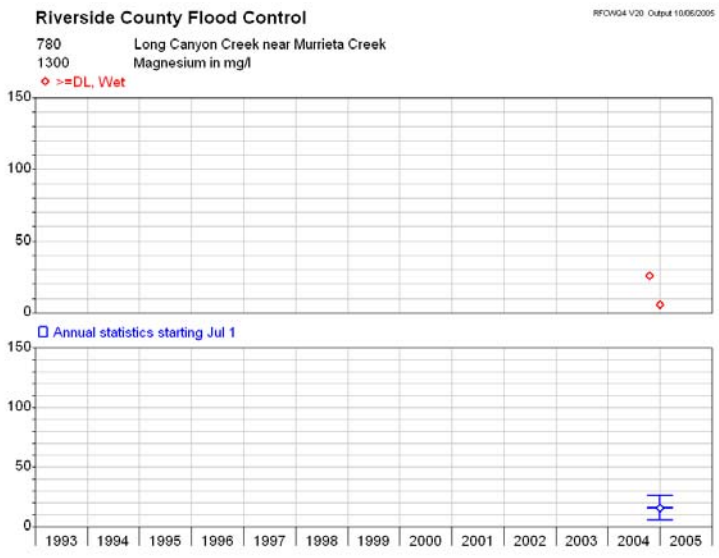
	Total Lead(#1290)
	Total Zinc(#1700)
	Ammonia(#1051)

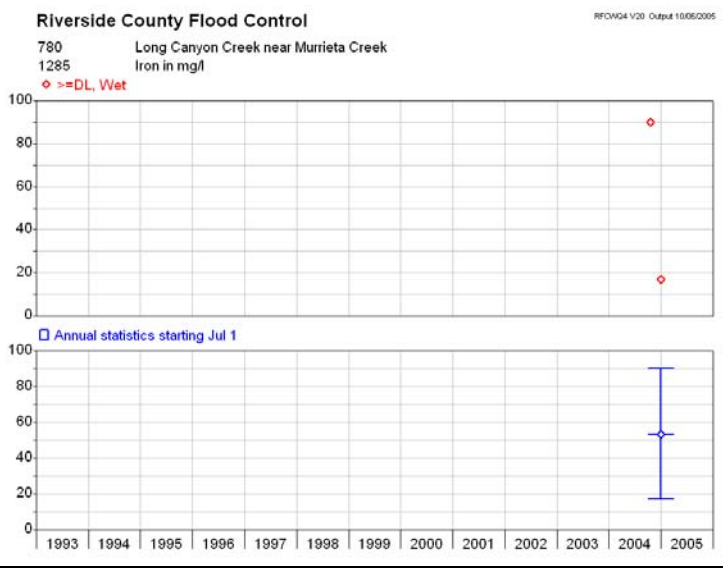
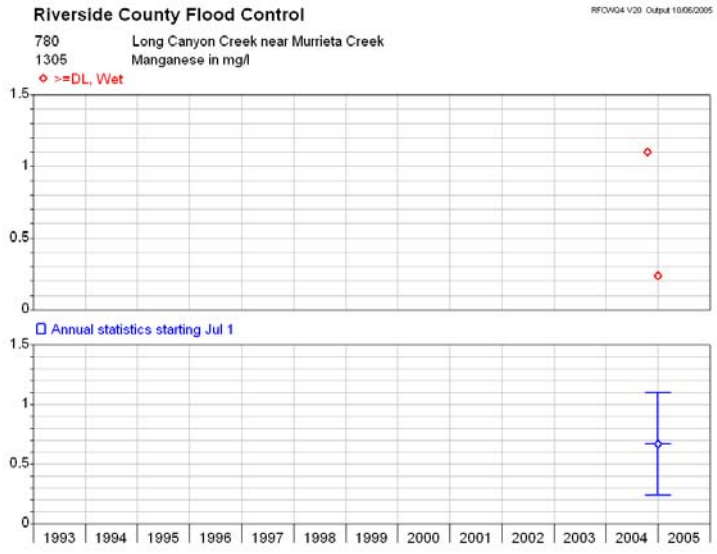
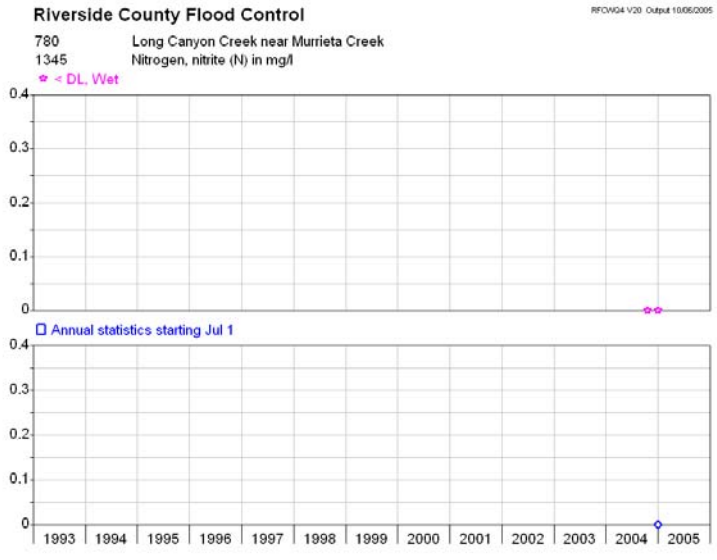
	Total Kjehdahl Nitrogen(#1360)
	Nitrate(#1340) Exceedences noted at all stations, except for station 188. Many values, however, were below the BPO.
	Total Phosphorus(#1485) Exceedences noted at all stations, including the Cole Creek reference station. The data are randomly distributed, with no clear trends evident.

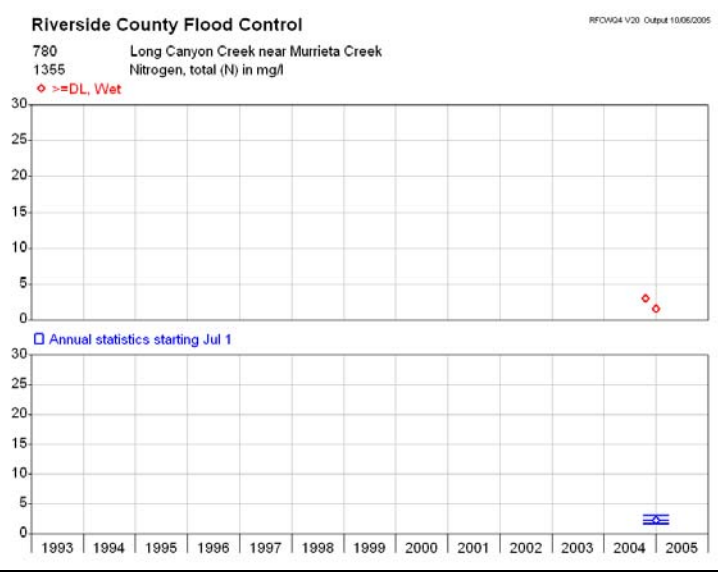
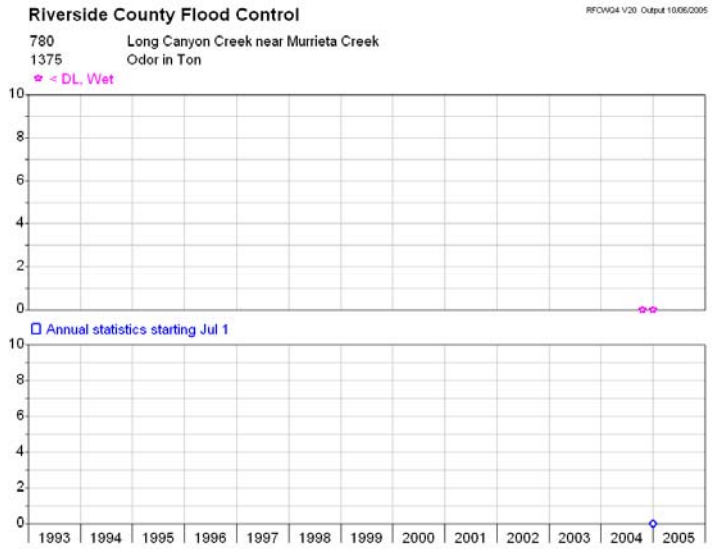
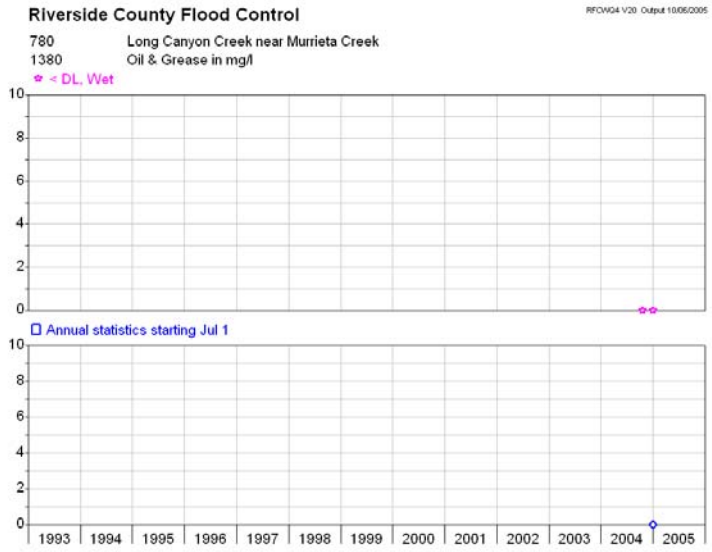
	Total coliform(#1085)
	Fecal coliform(#1075) Exceedences noted at all stations. The data are randomly distributed, with no clear trends evident.
	E. coli(#1077)

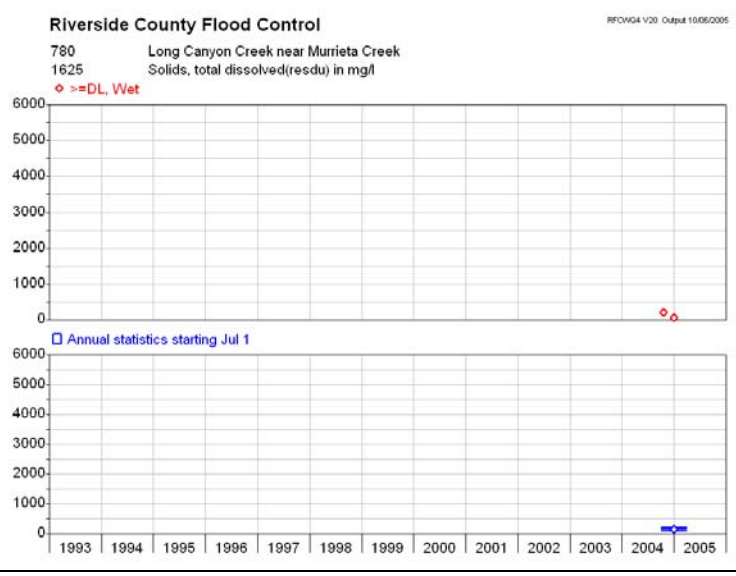
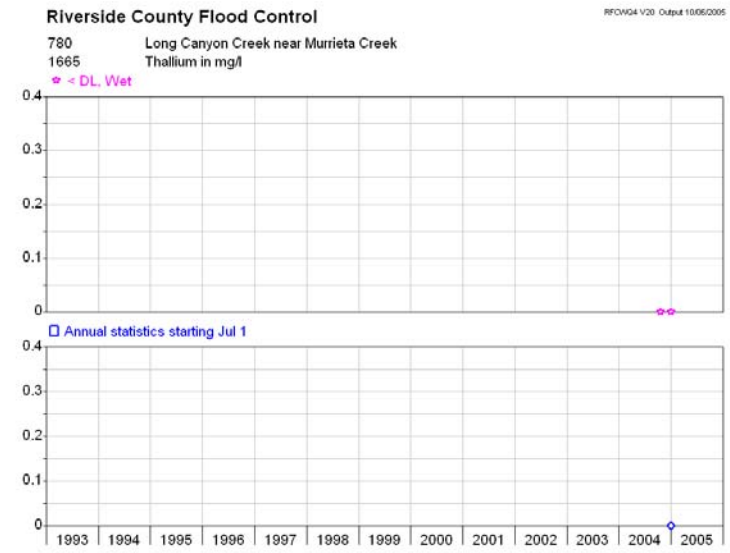
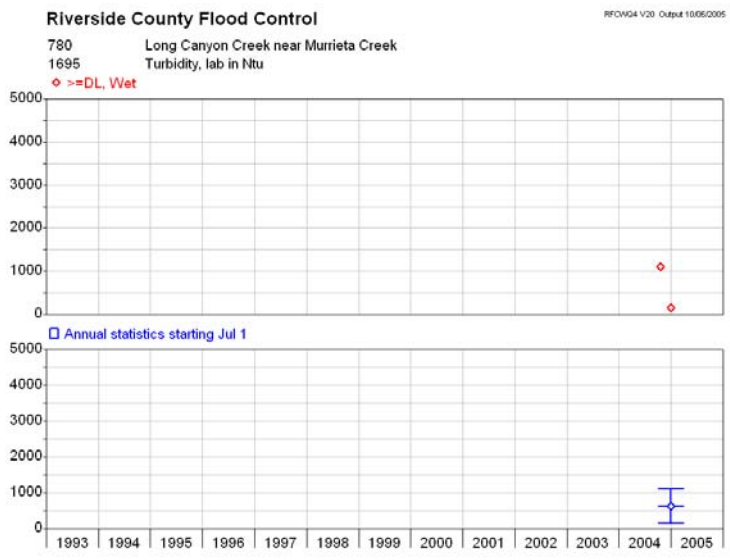
	Diazinon(#1227)
	Chlorpyrifos(#1178)
	Antimony(1065)

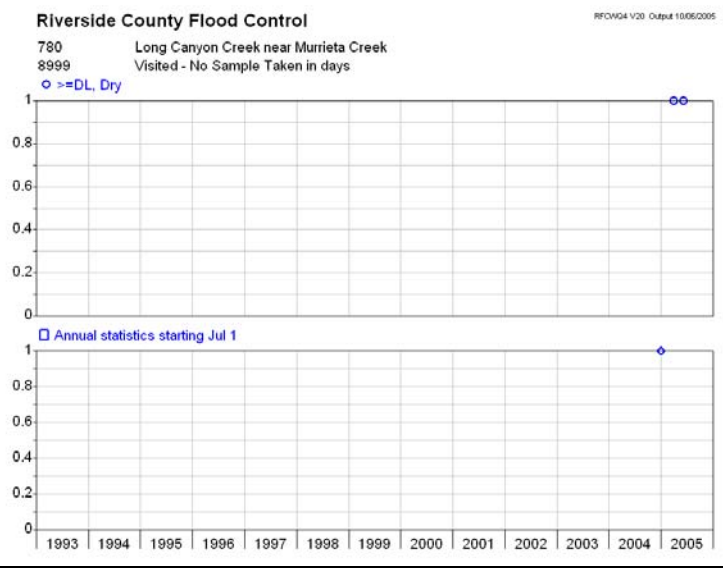
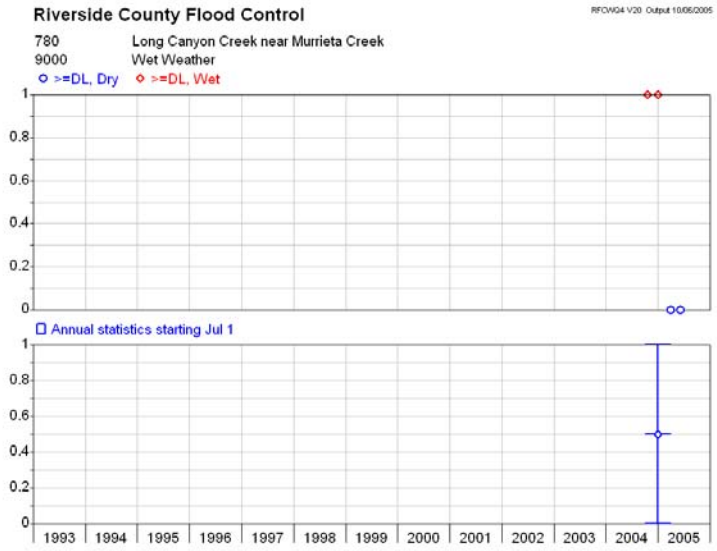
	Beryllium(1120)
	Calcium(1150)

	Color(1195)
	Magnesium(1300)

	Iron (1285)
	Manganese(1305)
	Nitrite(1345)

	TN(1355)
	Odor(1375)
	Oil and Grease (1380)

	TDS(1625)
	Thallium(1665)
	Turbidity, lab(1695)

	Visited, no sample(8999)
	Wet Weather(9000)