

Appendix 3C

Ambient Monitoring Station Data Summary Sheets

Tar River Subbasin HUC 03020103

The full report is available on the DWQ Environmental Sciences Section website:

<http://portal.ncdenr.org/web/wq/ess/reports>.

Ambient Monitoring System Station Summaries

NCDENR, Division of Water Quality

Basinwide Assessment Report

Location: TAR RIV AT NC 33 AND US 64 BUS AT TARBORO

Station #: O5250000

Hydrologic Unit Code: 03020103

Latitude: 35.89352

Longitude: -77.53233

Stream class: C NSW

Agency: NCAMBNT

NC stream index: 28-(80)

Time period: 01/29/2004 to 12/04/2008

	# results	# ND	EL	Results not meeting EL			Percentiles						
				#	%	%Conf	Min	10th	25th	50th	75th	90th	Max
Field													
D.O. (mg/L)	47	0	<4	0	0		5.3	5.6	6.4	8.2	10.2	12.4	16.7
	47	0	<5	0	0		5.3	5.6	6.4	8.2	10.2	12.4	16.7
pH (SU)	51	0	<6	1	2		5.3	6.1	6.4	6.7	7	7.3	7.9
	51	0	>9	0	0		5.3	6.1	6.4	6.7	7	7.3	7.9
Salinity (ppt)	20	0	N/A				0	0	0	0	0.08	0.1	0.1
Spec. conductance (umhos/cm at 25°C)	52	0	N/A				51	81	90	100	116	134	250
Water Temperature (°C)	52	0	>32	0	0		2	5.1	10.3	18	26	28	29.4
Other													
TSS (mg/L)	19	4	N/A				2.5	3.8	6.2	7.8	14	36	56
Turbidity (NTU)	52	0	>50	0	0		2.2	3.1	5.2	10	15.8	20.7	28
Nutrients (mg/L)													
NH3 as N	52	19	N/A				0.02	0.02	0.02	0.02	0.03	0.05	0.14
NO2 + NO3 as N	52	1	N/A				0.02	0.13	0.18	0.3	0.36	0.43	0.6
TKN as N	52	0	N/A				0.24	0.33	0.4	0.46	0.6	0.69	0.89
Total Phosphorus	52	0	N/A				0.04	0.05	0.07	0.1	0.12	0.18	0.41
Metals (ug/L)													
Aluminum, total (Al)	13	0	N/A				64	102	190	330	570	1160	1200
Arsenic, total (As)	13	13	>10	0	0		5	5	5	5	8	10	10
Cadmium, total (Cd)	13	13	>2	0	0		1	1.4	2	2	2	2	2
Chromium, total (Cr)	13	13	>50	0	0		10	16	25	25	25	25	25
Copper, total (Cu)	13	9	>7	0	0		2	2	2	2	2	2	2
Iron, total (Fe)	13	0	>1000	10	76.9	100	690	726	1050	1200	1550	2820	3100
Lead, total (Pb)	13	13	>25	0	0		10	10	10	10	10	10	10
Mercury, total (Hg)	12	12	>0.012	0	0		0.2	0.2	0.2	0.2	0.2	0.2	0.2
Nickel, total (Ni)	13	13	>88	0	0		10	10	10	10	10	10	10
Zinc, total (Zn)	13	10	>50	0	0		10	10	10	10	10	16	18
Fecal Coliform Screening(#/100mL)													
# results:	Geomean	# > 400:	% > 400:	%Conf:									
52	50	2	4										

Key:

result: number of observations

ND: number of observations reported to be below detection level (non-detect)

EL: Evaluation Level; applicable numeric or narrative water quality standard or action level

Results not meeting EL: number and percentages of observations not meeting evaluation level

%Conf : States the percent statistical confidence that the actual percentage of exceedances is at least 10% (20% for Fecal Coliform)

Stations with less than 10 results for a given parameter were not evaluated for statistical confidence

Ambient Monitoring System Station Summaries

NCDENR, Division of Water Quality

Basinwide Assessment Report

Location: TAR RIV AT NC 33 AND US 64 BUS AT TARBORO

Station #: O5250000

Hydrologic Unit Code: 03020103

Latitude: 35.89352

Longitude: -77.53233

Stream class: C NSW

Agency: TPBA

NC stream index: 28-(80)

Time period: 04/13/2007 to 12/19/2008

	# results	# ND	EL	Results not meeting EL			Percentiles						
				#	%	%Conf	Min	10th	25th	50th	75th	90th	Max
Field													
D.O. (mg/L)	31	0	<4	0	0		5	5.6	6.1	6.8	8.3	11	13.2
	31	0	<5	0	0		5	5.6	6.1	6.8	8.3	11	13.2
pH (SU)	31	0	<6	0	0		6	6.4	6.7	6.9	7.1	7.2	7.3
	31	0	>9	0	0		6	6.4	6.7	6.9	7.1	7.2	7.3
Spec. conductance (umhos/cm at 25°C)	31	0	N/A				60	85	104	125	152	206	259
Water Temperature (°C)	31	0	>32	0	0		4.1	10.4	14.9	24.1	27.2	28.1	28.4
Other													
TSS (mg/L)	21	0	N/A				1.6	2.1	3.6	9.9	13	27.4	31
Turbidity (NTU)	21	0	>50	0	0		1.4	3.7	4.5	10	13	36.2	40
Nutrients (mg/L)													
NH3 as N	21	4	N/A				0.01	0.01	0.01	0.03	0.08	0.1	0.1
NO2 + NO3 as N	21	0	N/A				0.08	0.23	0.29	0.38	0.49	0.66	0.82
TKN as N	21	2	N/A				0.2	0.22	0.39	0.5	0.72	0.84	0.92
Total Phosphorus	21	0	N/A				0.04	0.05	0.08	0.12	0.14	0.2	0.23
Metals (ug/L)													
Aluminum, total (Al)	21	1	N/A				50	87	138	283	484	914	990
Arsenic, total (As)	21	21	>10	0	0		5	5	5	5	5	5	5
Cadmium, total (Cd)	21	21	>2	0	0		1	1	1	1	1	1	1
Chromium, total (Cr)	21	21	>50	0	0		5	5	5	5	5	5	5
Copper, total (Cu)	21	11	>7	0	0		2	2	2	2	2	3	3
Iron, total (Fe)	21	0	>1000	14	66.7	100	258	498	696	1364	1657	2155	2326
Lead, total (Pb)	21	21	>25	0	0		5	5	5	5	5	5	5
Mercury, total (Hg)	21	21	>0.012	0	0		0.2	0.2	0.2	0.2	0.2	0.2	0.2
Nickel, total (Ni)	21	21	>88	0	0		10	10	10	10	10	10	10
Zinc, total (Zn)	21	13	>50	0	0		10	10	10	10	14	31	35
Fecal Coliform Screening(#/100mL)													
# results:	21												
Geomean		44											
# > 400:				0									
% > 400: %Conf:					0								

Key:

result: number of observations

ND: number of observations reported to be below detection level (non-detect)

EL: Evaluation Level; applicable numeric or narrative water quality standard or action level

Results not meeting EL: number and percentages of observations not meeting evaluation level

%Conf : States the percent statistical confidence that the actual percentage of exceedances is at least 10% (20% for Fecal Coliform)

Stations with less than 10 results for a given parameter were not evaluated for statistical confidence

Ambient Monitoring System Station Summaries
 NCDENR, Division of Water Quality
 Basinwide Assessment Report

Location: TAR RIV AT US 64 NR TARBORO
Station #: O5270000
Latitude: 35.88746 **Longitude:** -77.53873
Agency: TPBA

Hydrologic Unit Code: 03020103
Stream class: C NSW
NC stream index: 28-(80)

Time period: 03/09/2007 to 03/09/2007

	# results	# ND	EL	Results not meeting EL			Percentiles					
				#	%	%Conf	Min	10th	25th	50th	75th	90th
Field												
D.O. (mg/L)	1	0	<4	0	0		8.8	8.8	8.8	8.8	8.8	8.8
	1	0	<5	0	0		8.8	8.8	8.8	8.8	8.8	8.8
pH (SU)	1	0	<6	0	0		6.7	6.7	6.7	6.7	6.7	6.7
	1	0	>9	0	0		6.7	6.7	6.7	6.7	6.7	6.7
Spec. conductance (umhos/cm at 25°C)	1	0	N/A				70	70	70	70	70	70
Water Temperature (°C)	1	0	>32	0	0		9.7	9.7	9.7	9.7	9.7	9.7
Other												
TSS (mg/L)	1	0	N/A				12	12	12	12	12	12
Turbidity (NTU)	1	0	>50	0	0		27	27	27	27	27	27
Nutrients (mg/L)												
NH3 as N	1	1	N/A				0.01	0.01	0.01	0.01	0.01	0.01
NO2 + NO3 as N	1	0	N/A				0.25	0.25	0.25	0.25	0.25	0.25
TKN as N	1	0	N/A				0.74	0.74	0.74	0.74	0.74	0.74
Total Phosphorus	1	0	N/A				0.15	0.15	0.15	0.15	0.15	0.15
Metals (ug/L)												
Aluminum, total (Al)	1	0	N/A				985	985	985	985	985	985
Arsenic, total (As)	1	1	>10	0	0		5	5	5	5	5	5
Cadmium, total (Cd)	1	1	>2	0	0		1	1	1	1	1	1
Chromium, total (Cr)	1	1	>50	0	0		5	5	5	5	5	5
Copper, total (Cu)	1	1	>7	0	0		2	2	2	2	2	2
Iron, total (Fe)	1	0	>1000	1	100		1975	1975	1975	1975	1975	1975
Lead, total (Pb)	1	1	>25	0	0		5	5	5	5	5	5
Mercury, total (Hg)	1	1	>0.012	0	0		0.2	0.2	0.2	0.2	0.2	0.2
Nickel, total (Ni)	1	1	>88	0	0		10	10	10	10	10	10
Zinc, total (Zn)	1	1	>50	0	0		10	10	10	10	10	10
Fecal Coliform Screening(#/100mL)												
# results:	Geomean	# > 400:	% > 400:	%Conf:								
1	41	0	0									

Key:

result: number of observations
 # ND: number of observations reported to be below detection level (non-detect)
 EL: Evaluation Level; applicable numeric or narrative water quality standard or action level
 Results not meeting EL: number and percentages of observations not meeting evaluation level
 %Conf : States the percent statistical confidence that the actual percentage of exceedances is at least 10% (20% for Fecal Coliform)
 Stations with less than 10 results for a given parameter were not evaluated for statistical confidence

Ambient Monitoring System Station Summaries

NCDENR, Division of Water Quality

Basinwide Assessment Report

Location: TOWN CRK AT NC 111 SR 1202 NR WIGGINS CROSSROADS

Station #: O5600000

Hydrologic Unit Code: 03020103

Latitude: 35.82238

Longitude: -77.63390

Stream class: C NSW

Agency: TPBA

NC stream index: 28-83

Time period: 03/09/2007 to 12/19/2008

	# results	# ND	EL	Results not meeting EL			Percentiles						
				#	%	%Conf	Min	10th	25th	50th	75th	90th	Max
Field													
D.O. (mg/L)	32	0	<4	17	53.1	100	1	1.3	1.9	3.8	5	7	10.5
	32	0	<5	24	75	100	1	1.3	1.9	3.8	5	7	10.5
pH (SU)	32	0	<6	5	15.6	90.6	5.6	5.8	6.1	6.5	6.7	6.9	7
	32	0	>9	0	0		5.6	5.8	6.1	6.5	6.7	6.9	7
Spec. conductance (umhos/cm at 25°C)	32	0	N/A				78	92	105	118	124	142	286
Water Temperature (°C)	32	0	>32	0	0		3.8	9.4	14	22.5	25.7	27	27.4
Other													
Turbidity (NTU)	22	0	>50	0	0		2.7	3.7	4.5	5.4	6.6	8.8	27
Fecal Coliform Screening(#/100mL)													
# results:	Geomean	# > 400:	% > 400:	%Conf:									
22	51	1	5										

Key:

result: number of observations

ND: number of observations reported to be below detection level (non-detect)

EL: Evaluation Level; applicable numeric or narrative water quality standard or action level

Results not meeting EL: number and percentages of observations not meeting evaluation level

%Conf : States the percent statistical confidence that the actual percentage of exceedances is at least 10% (20% for Fecal Coliform)

Stations with less than 10 results for a given parameter were not evaluated for statistical confidence

Ambient Monitoring System Station Summaries

NCDENR, Division of Water Quality

Basinwide Assessment Report

Location: TOWN CRK AT US 258 NR COBBS CROSSROADS

Station #: O5990000

Hydrologic Unit Code: 03020103

Latitude: 35.79828

Longitude: -77.59144

Stream class: C NSW

Agency: TPBA

NC stream index: 28-83

Time period: 03/09/2007 to 12/19/2008

	# results	# ND	EL	Results not meeting EL			Percentiles						
				#	%	%Conf	Min	10th	25th	50th	75th	90th	Max
Field													
D.O. (mg/L)	32	0	<4	16	50	100	1.8	2.2	3	4.1	6.9	9	12.5
	32	0	<5	18	56.2	100	1.8	2.2	3	4.1	6.9	9	12.5
pH (SU)	32	0	<6	3	9.4		5.7	5.9	6.3	6.5	6.8	6.8	6.9
	32	0	>9	0	0		5.7	5.9	6.3	6.5	6.8	6.8	6.9
Spec. conductance (umhos/cm at 25°C)	32	0	N/A				81	90	104	118	138	154	158
Water Temperature (°C)	32	0	>32	0	0		4.6	9.7	13.9	21.1	23.8	25.4	25.7
Other													
Turbidity (NTU)	22	0	>50	0	0		1.5	1.9	3.3	4.4	6.5	10.2	17
Fecal Coliform Screening(#/100mL)													
# results:	Geomean	# > 400:	% > 400:	%Conf:									
22	55	0	0										

Key:

result: number of observations

ND: number of observations reported to be below detection level (non-detect)

EL: Evaluation Level; applicable numeric or narrative water quality standard or action level

Results not meeting EL: number and percentages of observations not meeting evaluation level

%Conf : States the percent statistical confidence that the actual percentage of exceedances is at least 10% (20% for Fecal Coliform)

Stations with less than 10 results for a given parameter were not evaluated for statistical confidence

Ambient Monitoring System Station Summaries
 NCDENR, Division of Water Quality
 Basinwide Assessment Report

Location: TAR RIV AT NC 42 AT OLD SPARTA

Station #: O6000000

Hydrologic Unit Code: 03020103

Latitude: 35.79030

Longitude: -77.55067

Stream class: C NSW

Agency: TPBA

NC stream index: 28-(80)

Time period: 03/09/2007 to 12/19/2008

	# results	# ND	EL	Results not meeting EL			Percentiles						
				#	%	%Conf	Min	10th	25th	50th	75th	90th	Max
Field													
D.O. (mg/L)	32	0	<4	0	0		4.9	5.2	5.9	6.8	8.1	9.8	11.4
	32	0	<5	1	3.1		4.9	5.2	5.9	6.8	8.1	9.8	11.4
pH (SU)	32	0	<6	2	6.2		5.8	6.2	6.4	6.8	7	7.1	7.3
	32	0	>9	0	0		5.8	6.2	6.4	6.8	7	7.1	7.3
Spec. conductance (umhos/cm at 25°C)	32	0	N/A				58	80	100	122	155	216	288
Water Temperature (°C)	32	0	>32	0	0		4.5	10.1	14.7	23.5	26.1	27.5	28
Other													
TSS (mg/L)	22	2	N/A				1	1.8	5.1	11.5	17	22	53
Turbidity (NTU)	22	0	>50	0	0		3	3.2	4.5	10.4	16	29.9	45
Nutrients (mg/L)													
NH3 as N	22	6	N/A				0.01	0.01	0.01	0.03	0.09	0.2	0.47
NO2 + NO3 as N	22	0	N/A				0.13	0.25	0.3	0.41	0.65	0.76	0.99
TKN as N	22	2	N/A				0.2	0.22	0.34	0.52	0.71	0.81	0.88
Total Phosphorus	22	0	N/A				0.05	0.05	0.08	0.13	0.16	0.24	0.24
Metals (ug/L)													
Aluminum, total (Al)	22	1	N/A				50	58	83	300	511	1041	2512
Arsenic, total (As)	22	22	>10	0	0		5	5	5	5	5	5	5
Cadmium, total (Cd)	22	22	>2	0	0		1	1	1	1	1	1	1
Chromium, total (Cr)	22	22	>50	0	0		5	5	5	5	5	5	5
Copper, total (Cu)	22	12	>7	0	0		2	2	2	2	2	3	3
Iron, total (Fe)	22	0	>1000	12	54.5	100	341	365	625	1160	1839	2225	2418
Lead, total (Pb)	22	22	>25	0	0		5	5	5	5	5	5	5
Mercury, total (Hg)	22	22	>0.012	0	0		0.2	0.2	0.2	0.2	0.2	0.2	0.2
Nickel, total (Ni)	22	22	>88	0	0		10	10	10	10	10	10	10
Zinc, total (Zn)	22	17	>50	0	0		10	10	10	10	10	13	14
Fecal Coliform Screening(#/100mL)													
# results:	Geomean	# > 400:	% > 400:	%Conf:									
22	59	1	5										

Key:

result: number of observations

ND: number of observations reported to be below detection level (non-detect)

EL: Evaluation Level; applicable numeric or narrative water quality standard or action level

Results not meeting EL: number and percentages of observations not meeting evaluation level

%Conf : States the percent statistical confidence that the actual percentage of exceedances is at least 10% (20% for Fecal Coliform)

Stations with less than 10 results for a given parameter were not evaluated for statistical confidence

Ambient Monitoring System Station Summaries

NCDENR, Division of Water Quality

Basinwide Assessment Report

Location: TAR RIV AT NC 222 NR FALKLAND

Station #: O6200000

Latitude: 35.69624

Agency: NCAMBNT

Longitude: -77.48949

Hydrologic Unit Code: 03020103

Stream class: WS-IV NSW

NC stream index: 28-(84)

Time period: 01/06/2004 to 12/11/2008

	# results	# ND	EL	Results not meeting EL			Percentiles						
				#	%	%Conf	Min	10th	25th	50th	75th	90th	Max
Field													
D.O. (mg/L)	57	0	<4	0	0		4.8	6.4	7	8.1	10.4	11.4	13.2
	57	0	<5	1	1.8		4.8	6.4	7	8.1	10.4	11.4	13.2
pH (SU)	59	0	<6	0	0		6.1	6.5	6.7	7.1	7.4	7.8	8.4
	59	0	>9	0	0		6.1	6.5	6.7	7.1	7.4	7.8	8.4
Salinity (ppt)	59	0	N/A				0.01	0.02	0.03	0.04	0.06	0.08	0.15
Spec. conductance (umhos/cm at 25°C)	59	0	N/A				51	69	85	102	133	179	301
Water Temperature (°C)	59	0	>32	0	0		4	6.9	10.5	17.3	25.2	27.4	31.6
Other													
TSS (mg/L)	20	4	N/A				2.5	3.8	5.7	7.2	13.5	21.9	27
Turbidity (NTU)	59	0	>50	1	1.7		1.6	2.5	5.3	8.4	13	23	60
Nutrients (mg/L)													
NH3 as N	59	22	N/A				0.02	0.02	0.02	0.02	0.03	0.05	0.11
NO2 + NO3 as N	59	0	>10	0	0		0.1	0.19	0.26	0.33	0.41	0.49	0.61
TKN as N	59	0	N/A				0.34	0.37	0.4	0.48	0.56	0.68	0.76
Total Phosphorus	59	0	N/A				0.03	0.05	0.06	0.08	0.11	0.13	0.15
Metals (ug/L)													
Aluminum, total (Al)	13	0	N/A				85	107	170	370	675	846	950
Arsenic, total (As)	13	13	>10	0	0		5	5	5	5	8	10	10
Cadmium, total (Cd)	13	13	>2	0	0		1	1.4	2	2	2	2	2
Chromium, total (Cr)	13	13	>50	0	0		10	16	25	25	25	25	25
Copper, total (Cu)	13	10	>7	0	0		2	2	2	2	2	3	4
Iron, total (Fe)	13	0	>1000	11	84.6	100	590	638	1100	1200	1900	2200	2200
Lead, total (Pb)	13	13	>25	0	0		10	10	10	10	10	10	10
Manganese, total (Mn)	11	0	>200	0	0		31	32	45	97	130	140	140
Mercury, total (Hg)	12	12	>0.012	0	0		0.2	0.2	0.2	0.2	0.2	0.2	0.2
Nickel, total (Ni)	13	13	>25	0	0		10	10	10	10	10	10	10
Zinc, total (Zn)	13	10	>50	0	0		10	10	10	10	10	11	11

Fecal Coliform Screening(#/100mL)

# results:	Geomean	# > 400:	% > 400: %Conf:
59	55	3	5

Key:

result: number of observations

ND: number of observations reported to be below detection level (non-detect)

EL: Evaluation Level; applicable numeric or narrative water quality standard or action level

Results not meeting EL: number and percentages of observations not meeting evaluation level

%Conf : States the percent statistical confidence that the actual percentage of exceedances is at least 10% (20% for Fecal Coliform)

Stations with less than 10 results for a given parameter were not evaluated for statistical confidence

Ambient Monitoring System Station Summaries

NCDENR, Division of Water Quality

Basinwide Assessment Report

Location: BALLAHACK CANAL AT SR 1526 NR CONETOE

Station #: O6201000

Hydrologic Unit Code: 03020103

Latitude: 35.86447

Longitude: -77.44383

Stream class: C NSW

Agency: TPBA

NC stream index: 28-87-1.2

Time period: 03/09/2007 to 12/19/2008

	# results	# ND	EL	Results not meeting EL			Percentiles						
				#	%	%Conf	Min	10th	25th	50th	75th	90th	Max
Field													
D.O. (mg/L)	30	0	<4	17	56.7	100	0.3	0.7	1.9	3.1	6.7	10.7	11.3
	30	0	<5	20	66.7	100	0.3	0.7	1.9	3.1	6.7	10.7	11.3
pH (SU)	30	0	<6	7	23.3	99.2	5.3	5.6	6	6.4	6.5	6.7	6.8
	30	0	>9	0	0		5.3	5.6	6	6.4	6.5	6.7	6.8
Spec. conductance (umhos/cm at 25°C)	30	0	N/A				132	147	168	204	244	296	339
Water Temperature (°C)	30	0	>32	0	0		3.2	8.6	14.3	20.7	23.3	24.8	25.4
Other													
TSS (mg/L)	20	0	N/A				1.4	3.6	6.9	14	30.2	106	325
Turbidity (NTU)	20	0	>50	4	20	95.7	3.4	4.2	7.5	12.5	44.2	99.4	600
Nutrients (mg/L)													
NH3 as N	20	1	N/A				0.01	0.02	0.1	0.19	0.54	2.1	3.05
NO2 + NO3 as N	20	1	N/A				0.01	0.02	1	1.48	1.88	2.32	2.64
TKN as N	20	1	N/A				0.2	0.24	0.46	0.66	2.07	5.1	9.55
Total Phosphorus	20	0	N/A				0.04	0.05	0.07	0.1	0.22	0.46	1.23
Fecal Coliform Screening(#/100mL)													
# results:	Geomean	# > 400:	% > 400:	%Conf:									
20	142	6	30	91.3									

Key:

result: number of observations

ND: number of observations reported to be below detection level (non-detect)

EL: Evaluation Level; applicable numeric or narrative water quality standard or action level

Results not meeting EL: number and percentages of observations not meeting evaluation level

%Conf : States the percent statistical confidence that the actual percentage of exceedances is at least 10% (20% for Fecal Coliform)

Stations with less than 10 results for a given parameter were not evaluated for statistical confidence

Ambient Monitoring System Station Summaries

NCDENR, Division of Water Quality

Basinwide Assessment Report

Location: CONETOE CRK AT SR 1409 NR BETHEL

Station #: O6205000

Hydrologic Unit Code: 03020103

Latitude: 35.77427

Longitude: -77.46384

Stream class: C NSW

Agency: NCAMBNT

NC stream index: 28-87-(0.5)

Time period: 01/06/2004 to 12/11/2008

	# results	# ND	EL	Results not meeting EL			Percentiles						
				#	%	%Conf	Min	10th	25th	50th	75th	90th	Max
Field													
D.O. (mg/L)	57	0	<4	6	10.5	65.7	1	3.9	5.8	7.3	9.1	9.9	11.6
	57	0	<5	8	14	88.8	1	3.9	5.8	7.3	9.1	9.9	11.6
pH (SU)	59	0	<6	18	30.5	100	5.2	5.6	5.8	6.4	7	7.3	7.9
	59	0	>9	0	0		5.2	5.6	5.8	6.4	7	7.3	7.9
Salinity (ppt)	59	0	N/A				0.01	0.04	0.05	0.06	0.07	0.08	0.08
Spec. conductance (umhos/cm at 25°C)	59	0	N/A				57	102	119	142	163	173	187
Water Temperature (°C)	59	0	>32	0	0		4	7.9	10.7	15.3	21.6	23.4	28.1
Other													
TSS (mg/L)	20	7	N/A				2.5	2.5	3.3	6.2	11.2	22.9	24
Turbidity (NTU)	59	0	>50	1	1.7		1.4	2	3.5	5	7.5	16	210
Nutrients (mg/L)													
NH3 as N	59	9	N/A				0.02	0.02	0.02	0.05	0.08	0.26	0.58
NO2 + NO3 as N	59	1	N/A				0.02	0.73	1.3	1.7	2	2.4	3.3
TKN as N	59	0	N/A				0.3	0.38	0.43	0.52	0.62	0.96	1.4
Total Phosphorus	59	0	N/A				0.02	0.03	0.04	0.06	0.09	0.16	0.32
Metals (ug/L)													
Aluminum, total (Al)	14	0	N/A				180	220	268	415	530	1020	1200
Arsenic, total (As)	14	14	>10	0	0		5	5	5	5	6	10	10
Cadmium, total (Cd)	14	14	>2	0	0		1	1	2	2	2	2	2
Chromium, total (Cr)	14	14	>50	0	0		10	10	25	25	25	25	25
Copper, total (Cu)	14	14	>7	0	0		2	2	2	2	2	2	2
Iron, total (Fe)	14	0	>1000	1	7.1		350	350	385	545	632	1200	1400
Lead, total (Pb)	14	14	>25	0	0		10	10	10	10	10	10	10
Mercury, total (Hg)	12	12	>0.012	0	0		0.2	0.2	0.2	0.2	0.2	0.2	0.2
Nickel, total (Ni)	14	14	>88	0	0		10	10	10	10	10	10	10
Zinc, total (Zn)	14	5	>50	0	0		10	10	10	11	12	22	26
Fecal Coliform Screening(#/100mL)													
# results:	Geomean	# > 400:	% > 400:	%Conf:									
59	66	4	7										

Key:

result: number of observations

ND: number of observations reported to be below detection level (non-detect)

EL: Evaluation Level; applicable numeric or narrative water quality standard or action level

Results not meeting EL: number and percentages of observations not meeting evaluation level

%Conf : States the percent statistical confidence that the actual percentage of exceedances is at least 10% (20% for Fecal Coliform)

Stations with less than 10 results for a given parameter were not evaluated for statistical confidence

Ambient Monitoring System Station Summaries

NCDENR, Division of Water Quality

Basinwide Assessment Report

Location: TAR RIV AT US 264 BYP NR GREENVILLE

Station #: O6240000

Latitude: 35.64598

Agency: TPBA

Longitude: -77.42212

Hydrologic Unit Code: 03020103

Stream class: WS-IV NSW

NC stream index: 28-(84)

Time period: 03/09/2007 to 12/19/2008

	# results	# ND	EL	Results not meeting EL			Percentiles						
				#	%	%Conf	Min	10th	25th	50th	75th	90th	Max
Field													
D.O. (mg/L)	32	0	<4	0	0		5.4	5.9	6.6	7.2	8.8	10.9	11.9
	32	0	<5	0	0		5.4	5.9	6.6	7.2	8.8	10.9	11.9
pH (SU)	32	0	<6	0	0		6	6.4	6.8	7	7.2	7.3	8.4
	32	0	>9	0	0		6	6.4	6.8	7	7.2	7.3	8.4
Spec. conductance (umhos/cm at 25°C)	32	0	N/A				55	76	114	139	161	198	211
Water Temperature (°C)	32	0	>32	0	0		4.7	10.4	15.7	24.2	27.2	29	30.6
Other													
TSS (mg/L)	22	0	N/A				1.5	1.7	3.8	7.5	12	17.2	20
Turbidity (NTU)	22	0	>50	0	0		2.9	3.5	4.1	8.6	15.2	24	37
Nutrients (mg/L)													
NH3 as N	22	6	N/A				0.01	0.01	0.01	0.05	0.08	0.13	0.21
NO2 + NO3 as N	22	0	>10	0	0		0.19	0.21	0.32	0.39	0.46	0.52	0.55
TKN as N	22	2	N/A				0.2	0.23	0.4	0.48	0.6	1.12	1.37
Total Phosphorus	22	0	N/A				0.06	0.07	0.08	0.1	0.12	0.21	0.23
Metals (ug/L)													
Aluminum, total (Al)	22	0	N/A				63	75	96	298	555	928	1012
Arsenic, total (As)	22	22	>10	0	0		5	5	5	5	5	5	5
Cadmium, total (Cd)	22	22	>2	0	0		1	1	1	1	1	1	1
Chromium, total (Cr)	22	22	>50	0	0		5	5	5	5	5	5	5
Copper, total (Cu)	22	13	>7	0	0		2	2	2	2	2	3	3
Iron, total (Fe)	22	0	>1000	13	59.1	100	312	411	597	1302	1633	2170	2329
Lead, total (Pb)	22	22	>25	0	0		5	5	5	5	5	5	5
Manganese, total (Mn)	22	0	>200	4	18.2	93.8	40	49	89	116	196	218	226
Mercury, total (Hg)	22	22	>0.012	0	0		0.2	0.2	0.2	0.2	0.2	0.2	0.2
Nickel, total (Ni)	22	22	>25	0	0		10	10	10	10	10	10	10
Zinc, total (Zn)	22	15	>50	0	0		10	10	10	10	11	15	16
Fecal Coliform Screening(#/100mL)													
# results:	Geomean	# > 400:	% > 400:	%Conf:									
22	32	0	0										

Key:

result: number of observations

ND: number of observations reported to be below detection level (non-detect)

EL: Evaluation Level; applicable numeric or narrative water quality standard or action level

Results not meeting EL: number and percentages of observations not meeting evaluation level

%Conf : States the percent statistical confidence that the actual percentage of exceedances is at least 10% (20% for Fecal Coliform)

Stations with less than 10 results for a given parameter were not evaluated for statistical confidence

Ambient Monitoring System Station Summaries

NCDENR, Division of Water Quality

Basinwide Assessment Report

Location: CHICOD CRK AT SR 1760 NR SIMPSON

Station #: O6450000

Hydrologic Unit Code: 03020103

Latitude: 35.56149

Longitude: -77.23047

Stream class: C NSW

Agency: NCAMBNT

NC stream index: 28-101

Time period: 01/06/2004 to 12/11/2008

	# results	# ND	EL	Results not meeting EL			Percentiles						
				#	%	%Conf	Min	10th	25th	50th	75th	90th	Max
Field													
D.O. (mg/L)	58	0	<4	23	39.7	100	0.4	1.2	2.2	5.2	7.6	10.1	12.8
	58	0	<5	28	48.3	100	0.4	1.2	2.2	5.2	7.6	10.1	12.8
pH (SU)	60	0	<6	7	11.7	75.2	5.8	5.9	6.2	6.8	7	7.3	8
	60	0	>9	0	0		5.8	5.9	6.2	6.8	7	7.3	8
Salinity (ppt)	60	0	N/A				0.02	0.03	0.04	0.05	0.07	0.14	0.2
Spec. conductance (umhos/cm at 25°C)	60	0	N/A				77	89	108	127	167	280	410
Water Temperature (°C)	60	0	>32	0	0		4	6.1	10.9	16	23.5	25.7	27.4
Other													
TSS (mg/L)	20	9	N/A				2.5	2.5	2.8	5.7	9.9	12	13
Turbidity (NTU)	60	0	>50	0	0		2.1	2.7	4.1	5.4	8.5	14.9	32
Nutrients (mg/L)													
NH3 as N	60	15	N/A				0.02	0.02	0.02	0.04	0.09	0.11	0.33
NO2 + NO3 as N	60	18	N/A				0.02	0.02	0.02	0.08	0.39	0.71	1.3
TKN as N	60	0	N/A				0.43	0.49	0.56	0.74	0.93	1.29	2.6
Total Phosphorus	60	0	N/A				0.05	0.09	0.12	0.23	0.38	0.43	0.75
Metals (ug/L)													
Aluminum, total (Al)	13	0	N/A				73	74	110	160	245	582	730
Arsenic, total (As)	13	12	>10	0	0		5	5	5	5	8	10	10
Cadmium, total (Cd)	13	13	>2	0	0		1	1.4	2	2	2	2	2
Chromium, total (Cr)	13	13	>50	0	0		10	16	25	25	25	25	25
Copper, total (Cu)	13	12	>7	0	0		2	2	2	2	2	3	4
Iron, total (Fe)	13	0	>1000	9	69.2	100	660	668	860	1200	1900	2960	3400
Lead, total (Pb)	13	13	>25	0	0		10	10	10	10	10	10	10
Mercury, total (Hg)	12	12	>0.012	0	0		0.2	0.2	0.2	0.2	0.2	0.2	0.2
Nickel, total (Ni)	13	13	>88	0	0		10	10	10	10	10	10	10
Zinc, total (Zn)	13	8	>50	0	0		10	10	10	10	12	19	21
Fecal Coliform Screening(#/100mL)													
# results:	Geomean	# > 400:	% > 400:	%Conf:									
60	98	6	10										

Key:

result: number of observations

ND: number of observations reported to be below detection level (non-detect)

EL: Evaluation Level; applicable numeric or narrative water quality standard or action level

Results not meeting EL: number and percentages of observations not meeting evaluation level

%Conf : States the percent statistical confidence that the actual percentage of exceedances is at least 10% (20% for Fecal Coliform)

Stations with less than 10 results for a given parameter were not evaluated for statistical confidence

Ambient Monitoring System Station Summaries

NCDENR, Division of Water Quality

Basinwide Assessment Report

Location: TAR RIV AT SR 1565 NR GRIMESLAND

Station #: O6500000

Hydrologic Unit Code: 03020103

Latitude: 35.57404

Longitude: -77.17542

Stream class: B NSW

Agency: NCAMBNT

NC stream index: 28-(99.5)

Time period: 01/06/2004 to 12/11/2008

	# results	# ND	EL	Results not meeting EL			Percentiles						
				#	%	%Conf	Min	10th	25th	50th	75th	90th	Max
Field													
D.O. (mg/L)	57	0	<4	2	3.5		2.2	4.6	6	7.2	9.6	11.1	12.7
	57	0	<5	7	12.3	79.3	2.2	4.6	6	7.2	9.6	11.1	12.7
pH (SU)	59	0	<6	2	3.4		5.9	6.2	6.5	6.9	7.2	7.5	8
	59	0	>9	0	0		5.9	6.2	6.5	6.9	7.2	7.5	8
Salinity (ppt)	59	0	N/A				0.01	0.02	0.03	0.04	0.06	0.15	2.99
Spec. conductance (umhos/cm at 25°C)	59	0	N/A				48	71	84	111	139	319	5429
Water Temperature (°C)	59	0	>32	0	0		5	8.3	10.4	17.6	25.4	29.2	29.9
Other													
TSS (mg/L)	20	4	N/A				4	5.1	6	8	12	15.6	20
Turbidity (NTU)	59	0	>50	0	0		4.4	5.8	6.8	8.3	13	17	48
Nutrients (mg/L)													
NH3 as N	59	6	N/A				0.02	0.02	0.02	0.04	0.06	0.09	0.13
NO2 + NO3 as N	59	0	N/A				0.12	0.23	0.35	0.45	0.53	0.62	0.91
TKN as N	59	0	N/A				0.28	0.39	0.46	0.54	0.66	0.73	0.86
Total Phosphorus	59	0	N/A				0.05	0.07	0.08	0.11	0.14	0.17	0.31
Metals (ug/L)													
Aluminum, total (Al)	14	0	N/A				150	170	245	300	588	830	1000
Arsenic, total (As)	14	14	>10	0	0		5	5	5	5	6	10	10
Cadmium, total (Cd)	14	14	>2	0	0		1	1	2	2	2	2	2
Chromium, total (Cr)	14	14	>50	0	0		10	10	25	25	25	25	25
Copper, total (Cu)	14	10	>7	0	0		2	2	2	2	2	2	3
Iron, total (Fe)	14	0	>1000	8	57.1	100	700	795	998	1100	1400	1900	2200
Lead, total (Pb)	14	14	>25	0	0		10	10	10	10	10	10	10
Mercury, total (Hg)	12	12	>0.012	0	0		0.2	0.2	0.2	0.2	0.2	0.2	0.2
Nickel, total (Ni)	14	14	>88	0	0		10	10	10	10	10	10	10
Zinc, total (Zn)	14	9	>50	0	0		10	10	10	10	10	16	18
Fecal Coliform Screening(#/100mL)													
# results:	Geomean	# > 400:	% > 400:										
59	39	2	3										

Key:

result: number of observations

ND: number of observations reported to be below detection level (non-detect)

EL: Evaluation Level; applicable numeric or narrative water quality standard or action level

Results not meeting EL: number and percentages of observations not meeting evaluation level

%Conf : States the percent statistical confidence that the actual percentage of exceedances is at least 10% (20% for Fecal Coliform)

Stations with less than 10 results for a given parameter were not evaluated for statistical confidence

Ambient Monitoring System Station Summaries

NCDENR, Division of Water Quality

Basinwide Assessment Report

Location: GRINDLE CRK AT SR 1427 NR BETHEL

Station #: O6700000

Hydrologic Unit Code: 03020103

Latitude: 35.76324

Longitude: -77.37805

Stream class: C NSW

Agency: TPBA

NC stream index: 28-100

Time period: 03/09/2007 to 12/19/2008

	# results	# ND	EL	Results not meeting EL			Percentiles						
				#	%	%Conf	Min	10th	25th	50th	75th	90th	Max
Field													
D.O. (mg/L)	32	0	<4	1	3.1		3.2	5.1	5.9	6.9	8.8	10.5	13
	32	0	<5	2	6.2		3.2	5.1	5.9	6.9	8.8	10.5	13
pH (SU)	32	0	<6	2	6.2		5.1	6.1	6.4	6.8	6.9	7	7.2
	32	0	>9	0	0		5.1	6.1	6.4	6.8	6.9	7	7.2
Spec. conductance (umhos/cm at 25°C)	32	0	N/A				126	154	163	188	199	212	230
Water Temperature (°C)	32	0	>32	0	0		5.7	10.6	15.4	21.3	23.7	26.3	27.1
Other													
TSS (mg/L)	22	0	N/A				1.8	2.4	2.8	3.7	7.4	23.1	39
Turbidity (NTU)	22	0	>50	0	0		3	3.1	4.4	6.9	12	15.8	24
Nutrients (mg/L)													
NH3 as N	22	7	N/A				0.01	0.01	0.01	0.04	0.08	0.15	0.21
NO2 + NO3 as N	22	0	N/A				0.05	0.06	0.14	0.52	1.74	3.12	3.41
TKN as N	22	2	N/A				0.2	0.22	0.31	0.42	0.56	0.83	1.36
Total Phosphorus	22	0	N/A				0.05	0.06	0.07	0.09	0.12	0.22	0.27
Fecal Coliform Screening(#/100mL)													
# results:	Geomean	# > 400:	% > 400:	%Conf:									
22	62	1	5										

Key:

result: number of observations

ND: number of observations reported to be below detection level (non-detect)

EL: Evaluation Level; applicable numeric or narrative water quality standard or action level

Results not meeting EL: number and percentages of observations not meeting evaluation level

%Conf : States the percent statistical confidence that the actual percentage of exceedances is at least 10% (20% for Fecal Coliform)

Stations with less than 10 results for a given parameter were not evaluated for statistical confidence

Ambient Monitoring System Station Summaries

NCDENR, Division of Water Quality

Basinwide Assessment Report

Location: GRINDLE CRK AT US 264 AT PACTOLUS

Station #: O6798000

Hydrologic Unit Code: 03020103

Latitude: 35.62426

Longitude: -77.22118

Stream class: C NSW

Agency: TPBA

NC stream index: 28-100

Time period: 03/09/2007 to 12/19/2008

	# results	# ND	EL	Results not meeting EL			Percentiles						
				#	%	%Conf	Min	10th	25th	50th	75th	90th	Max
Field													
D.O. (mg/L)	32	0	<4	0	0		5.9	6.8	8.2	9.5	10.2	11.4	13.5
	32	0	<5	0	0		5.9	6.8	8.2	9.5	10.2	11.4	13.5
pH (SU)	32	0	<6	2	6.2		5.7	6.1	6.5	6.8	7.1	7.3	8.3
	32	0	>9	0	0		5.7	6.1	6.5	6.8	7.1	7.3	8.3
Spec. conductance (umhos/cm at 25°C)	32	0	N/A				113	130	146	156	170	184	204
Water Temperature (°C)	32	0	>32	0	0		5	10.6	15.6	21.7	24.6	26.6	27.7
Other													
TSS (mg/L)	22	0	N/A				1	1.4	1.7	3.4	8.9	11.7	13
Turbidity (NTU)	22	0	>50	0	0		1.9	2.2	2.5	3.2	8.7	16.4	17
Nutrients (mg/L)													
NH3 as N	22	5	N/A				0.01	0.01	0.01	0.05	0.12	0.2	0.43
NO2 + NO3 as N	22	0	N/A				0.3	0.34	0.74	0.93	1.37	1.97	2.46
TKN as N	22	1	N/A				0.2	0.21	0.31	0.52	0.63	0.74	1.12
Total Phosphorus	22	0	N/A				0.04	0.04	0.05	0.06	0.11	0.13	0.18

Fecal Coliform Screening(#/100mL)

# results:	Geomean	# > 400:	% > 400: %Conf:
22	42	1	5

Key:

result: number of observations

ND: number of observations reported to be below detection level (non-detect)

EL: Evaluation Level; applicable numeric or narrative water quality standard or action level

Results not meeting EL: number and percentages of observations not meeting evaluation level

%Conf : States the percent statistical confidence that the actual percentage of exceedances is at least 10% (20% for Fecal Coliform)

Stations with less than 10 results for a given parameter were not evaluated for statistical confidence

Ambient Monitoring System Station Summaries

NCDENR, Division of Water Quality

Basinwide Assessment Report

Location: FLAT SWAMP AT SR 1159 THIRD ST AT ROBERSONVILLE

Station #: O7000000

Hydrologic Unit Code: 03020103

Latitude: 35.81602

Longitude: -77.26421

Stream class: C Sw NSW

Agency: TPBA

NC stream index: 28-103-2

Time period: 03/09/2007 to 12/19/2008

	# results	# ND	EL	Results not meeting EL			Percentiles						
				#	%	%Conf	Min	10th	25th	50th	75th	90th	Max
Field													
D.O. (mg/L)	32	0	N/A				0.3	0.6	1.2	2.4	6.2	8.4	10.2
pH (SU)	32	0	<4.3	0	0		5.6	5.9	6.1	6.3	6.6	6.7	6.7
	32	0	>9	0	0		5.6	5.9	6.1	6.3	6.6	6.7	6.7
Spec. conductance (umhos/cm at 25°C)	32	0	N/A				103	120	126	144	163	184	230
Water Temperature (°C)	32	0	>32	0	0		4.9	9.4	13.6	21	23.7	24.9	25.4
Other													
Turbidity (NTU)	22	0	>50	0	0		7.2	8.4	10.8	15	22.8	38.1	40
Nutrients (mg/L)													
NH3 as N	22	5	N/A				0.01	0.01	0.02	0.08	0.14	0.25	0.4
NO2 + NO3 as N	22	4	N/A				0.01	0.01	0.01	0.18	0.7	1.69	2.08
TKN as N	22	1	N/A				0.2	0.27	0.61	0.86	1.11	2.02	2.65
Total Phosphorus	22	0	N/A				0.04	0.08	0.1	0.19	0.2	0.62	1.5

Fecal Coliform Screening(#/100mL)

# results:	Geomean	# > 400:	% > 400:	%Conf:
22	98	5	23	73.3

Key:

result: number of observations

ND: number of observations reported to be below detection level (non-detect)

EL: Evaluation Level; applicable numeric or narrative water quality standard or action level

Results not meeting EL: number and percentages of observations not meeting evaluation level

%Conf : States the percent statistical confidence that the actual percentage of exceedances is at least 10% (20% for Fecal Coliform)

Stations with less than 10 results for a given parameter were not evaluated for statistical confidence

Ambient Monitoring System Station Summaries

NCDENR, Division of Water Quality

Basinwide Assessment Report

Location: FLAT SWAMP AT SR 1157 NR ROBERSONVILLE

Station #: O7100000

Hydrologic Unit Code: 03020103

Latitude: 35.78183

Longitude: -77.25683

Stream class: C Sw NSW

Agency: TPBA

NC stream index: 28-103-2

Time period: 03/09/2007 to 12/19/2008

	# results	# ND	EL	Results not meeting EL			Percentiles					
				#	%	%Conf	Min	10th	25th	50th	75th	90th
Field												
D.O. (mg/L)	32	0	N/A				0.7	1.1	2.1	3.3	6.3	11.7
pH (SU)	32	0	<4.3	0	0		5.8	6.2	6.4	6.7	6.9	7.5
	32	0	>9	0	0		5.8	6.2	6.4	6.7	6.9	7.5
Spec. conductance (umhos/cm at 25°C)	32	0	N/A				134	151	188	246	322	585
Water Temperature (°C)	32	0	>32	0	0		4.4	9.6	12.1	21	22.8	25.8
Other												
Turbidity (NTU)	22	0	>50	2	9.1		5.7	7.3	9.8	13	20.8	70
Nutrients (mg/L)												
NH3 as N	22	1	N/A				0.01	0.03	0.06	0.18	0.28	0.44
NO2 + NO3 as N	22	1	N/A				0.01	0.02	0.17	0.54	0.96	2.22
TKN as N	22	0	N/A				0.22	0.37	0.54	0.88	1.16	1.62
Total Phosphorus	22	0	N/A				0.06	0.11	0.17	0.26	0.57	0.99

Fecal Coliform Screening(#/100mL)

# results:	Geomean	# > 400:	% > 400:	%Conf:
22	130	3	14	

Key:

result: number of observations

ND: number of observations reported to be below detection level (non-detect)

EL: Evaluation Level; applicable numeric or narrative water quality standard or action level

Results not meeting EL: number and percentages of observations not meeting evaluation level

%Conf : States the percent statistical confidence that the actual percentage of exceedances is at least 10% (20% for Fecal Coliform)

Stations with less than 10 results for a given parameter were not evaluated for statistical confidence

Ambient Monitoring System Station Summaries

NCDENR, Division of Water Quality

Basinwide Assessment Report

Location: TRANTERS CRK AT SR 1403 NR WASHINGTON

Station #: O7300000

Hydrologic Unit Code: 03020103

Latitude: 35.56297

Longitude: -77.08640

Stream class: C Sw NSW

Agency: NCAMBNT

NC stream index: 28-103

Time period: 01/06/2004 to 12/11/2008

	# results	# ND	EL	Results not meeting EL			Percentiles						
				#	%	%Conf	Min	10th	25th	50th	75th	90th	Max
Field													
D.O. (mg/L)	57	0	N/A				2.4	3.6	4.8	6.1	8.2	10.2	11.7
pH (SU)	59	0	<4.3	0	0		5.4	6.1	6.3	6.7	7	7.3	7.8
	59	0	>9	0	0		5.4	6.1	6.3	6.7	7	7.3	7.8
Salinity (ppt)	59	0	N/A				0.01	0.03	0.04	0.05	0.3	3.8	8.11
Spec. conductance (umhos/cm at 25°C)	59	0	N/A				51	85	100	126	586	6893	14000
Water Temperature (°C)	59	0	>32	0	0		5	7.6	12	17.8	25.2	28.7	31.4
Other													
Chlorophyll a (ug/L)	53	7	>40	4	7.5		1	1	2	5	17	29	93
TSS (mg/L)	20	5	N/A				2.5	2.5	3.2	5.4	9.5	12.9	24
Turbidity (NTU)	59	0	>50	0	0		2.4	3.1	3.9	5.2	6.9	11	26
Nutrients (mg/L)													
NH3 as N	59	16	N/A				0.02	0.02	0.02	0.03	0.07	0.1	0.21
NO2 + NO3 as N	59	10	N/A				0.02	0.02	0.03	0.09	0.18	0.32	1.8
TKN as N	59	0	N/A				0.42	0.5	0.58	0.69	0.83	0.91	1.2
Total Phosphorus	59	0	N/A				0.04	0.05	0.06	0.09	0.12	0.14	0.23
Metals (ug/L)													
Aluminum, total (Al)	13	0	N/A				170	170	190	220	355	904	1200
Arsenic, total (As)	13	13	>10	0	0		5	5	5	5	8	10	10
Cadmium, total (Cd)	13	13	>2	0	0		1	1.4	2	2	2	2	2
Chromium, total (Cr)	13	13	>50	0	0		10	16	25	25	25	25	25
Copper, total (Cu)	13	12	>7	0	0		2	2	2	2	2	2	2
Iron, total (Fe)	13	0	>1000	7	53.8	100	640	648	750	1200	1400	1840	2000
Lead, total (Pb)	13	13	>25	0	0		10	10	10	10	10	10	10
Mercury, total (Hg)	12	12	>0.012	0	0		0.2	0.2	0.2	0.2	0.2	0.2	0.2
Nickel, total (Ni)	13	13	>88	0	0		10	10	10	10	10	10	10
Zinc, total (Zn)	13	7	>50	0	0		10	10	10	10	14	20	21

Fecal Coliform Screening(#/100mL)

# results:	Geomean	# > 400:	% > 400: %Conf:
59	49	3	5

Key:

result: number of observations

ND: number of observations reported to be below detection level (non-detect)

EL: Evaluation Level; applicable numeric or narrative water quality standard or action level

Results not meeting EL: number and percentages of observations not meeting evaluation level

%Conf : States the percent statistical confidence that the actual percentage of exceedances is at least 10% (20% for Fecal Coliform)

Stations with less than 10 results for a given parameter were not evaluated for statistical confidence