

STATION # _____
SAMPLE COLLECTED
By: L. MORSE
Date: 5-29-79
Time: _____

SOURCE: EXETER RIVER
LOCATION: ROUTE 108 BRIDGE
EXETER N.H.

LAB # 92432
RECEIVED IN LAB
By: _____
Date: _____
Time: _____

All results in mg/l unless otherwise noted

ON-SITE OBSERVATIONS		PHYSICAL/MINERAL ANALYSES	
DEPTH (Sample):	M	ALKALINITY, CaCO ₃ :	
FLOW: L-M-H (cfs)		CHLORIDE, Cl:	
SALINITY: ‰		COLOR (Apparent): Units	
SECCHI DISC: cm		FLUORIDE, F:	
TEMPERATURE (Air): °C		HARDNESS, CaCO ₃	
TEMPERATURE (Sample): °C		pH: Units	
WEATHER: Std Abbr		SPEC. CONDUCT: µMHOs	
REMARKS:		SILICA, DIS, SiO ₂ :	
		SULFATE, SO ₄	
		SULFIDE, S:	
		SULFITE, SO ₃ :	
		TURBIDITY: NTU	

BIOLOGICAL ANALYSES		RESIDUE ANALYSES	
CHLOROPHYL "A": mg/M ³		FIXED (105°)	
COLIFORM, TOT: MPN/100ml		TOTAL:	
COLIFORM, TOT: cts/100ml		FILTERABLE (Dis)	
COLIFORM, FECAL: cts/100ml		NON-FILTERABLE (Susp):	
FECAL STREP: cts/100ml		SETTLABLE: ml/L/Hr	
		VOLATILE (550°C)	
		TOTAL:	
		FILTERABLE (Dis):	
		NON-FILTERABLE (Susp):	

DEMAND ANALYSES		ORGANIC ANALYSES	
BOD		CYANIDE, CN:	
COD		MBAS (Surfactants):	
OXYGEN, DIS		OIL & GREASE (Freon Ext):	
TOC		PHENOLICS, Phenol:	

NUTRIENT ANALYSES		SPECIAL ANALYSES (See Separate Sheet)	
NITROGEN, TKN, N:		PLANKTON	
NITROGEN, NH ₃ , N:		ORGANICS (Qualitative)	
NITROGEN, NO ₂ +NO ₃ , N:		PESTICIDES	
PHOSPHATE, DIS, ORTHO, P:		RADIOLOGICAL	
PHOSPHORUS, TOTAL, P:		OTHERS (Specify):	

METALS ANALYSES		NOTES:	
ALUMINUM, Al:			
ARSENIC, As: <0.01			
BARIUM, Ba: <0.1			
CADMIUM, Cd: <0.005			
CALCIUM, Ca:			
CHROMIUM, Cr: 0.03			
COPPER, Cu: <0.1			
IRON, Fe: 0.6			
LEAD, Pb: <0.01			
MAGNESIUM, Mg:			
MANGANESE, Mn: 0.04			
MERCURY, Hg: <0.001			
NICKEL, Ni:			
POTASSIUM, K:			
SELENIUM, Se: <0.01			
SILVER, Ag: <0.01			
SODIUM, Na: 6.4			
TIN, Sn:			
ZINC, Zn: 0.06			


SDMS DocID 468872

RESULTS REVIEWED IN LAB
By: TJA Date: JUN 1 1979
COMMENTS:
COPY TO: L. Morse Date: JUN 7 1979

NEW HAMPSHIRE WATER SUPPLY AND POLLUTION CONTROL COMMISSION
LABORATORY ANALYSIS

STATION: _____	SOURCE: <u>EXETER RIVER</u>	LAB # <u>92433</u>
SAMPLE COLLECTED	LOCATION: <u>DAM IN FREMONT</u>	RECEIVED IN LAB
By: <u>L. MORSE</u>		By: _____
Date: <u>5-29-79</u>		Date: _____
Time: _____		Time: _____

All results in mg/l unless otherwise noted

ON SITE OBSERVATIONS	DEPTH (Sample): M	PHYSICAL/MINERAL ANALYSES	ALKALINITY, CaCO ₃ :
	FLOW: L-M-H (cfs)		CHLORIDE, Cl:
	SALINITY: ‰		COLOR (Apparent): Units
	SECCHI DISC: cm		FLUORIDE, F:
	TEMPERATURE (Air): °C		HARDNESS, CaCO ₃
	TEMPERATURE (Sample): °C		pH: Units
	WEATHER: Std Abbr		SPEC. CONDUCT: µMHOs
	REMARKS:		SILICA, DIS, SiO ₂ :
BIOLOGICAL ANALYSES	CHLOROPHYL "A": mg/M ³	RESIDUE ANALYSES	FIXED (105°)
	COLIFORM, TOT: MPN/100mi		TOTAL:
	COLIFORM, TOT: cts/100ml		FILTERABLE (Dis)
	COLIFORM, FECAL: cts/100ml		NON-FILTERABLE (Susp):
	FECAL STREP: cts/100ml		SETTLEABLE: ml/L/Hr
DEMAND ANALYSES	BOD	ORGANIC ANALYSES	VOLATILE (550°C)
	COD		TOTAL:
	OXYGEN, DIS		FILTERABLE (Dis):
	TOC		NON-FILTERABLE (Susp):
NUTRIENT ANALYSES	NITROGEN, TKN, N:	SPECIAL ANALYSES (See Separate Sheet)	CYANIDE, CN:
	NITROGEN, NH ₃ , N:		MBAS (Surfactants):
	NITROGEN, NO ₂ +NO ₃ , N:		OIL & GREASE (Freon Ext):
	PHOSPHATE, DIS, ORTHO, P:		PHENOLICS, Phenol:
	PHOSPHORUS, TOTAL, P:		
METALS ANALYSES	ALUMINUM, Al:	NOTES:	PLANKTON
	ARSENIC, As: <0.01		☒ ORGANICS (Qualitative)
	BARIUM, Ba: <0.1		PESTICIDES
	CADMIUM, Cd: <0.005		RADIOLOGICAL
	CALCIUM, Ca:		OTHERS (Specify):
	CHROMIUM, Cr: 0.03 0.01		
	COPPER, Cu: <0.1		
	IRON, Fe: 0.3		
	LEAD, Pb: <0.01		
	MAGNESIUM, Mg:		
	MANGANESE, Mn: 0.04		
	MERCURY, Hg: 0.001 0.001		
	NICKEL, Ni:		
	POTASSIUM, K:		
	SELENIUM, Se: <0.01		
	SILVER, Ag: <0.01		
	SODIUM, Na: 6.1 6.1		
	TIN, Sn:		
ZINC, Zn: 0.04			
RESULTS REVIEWED IN LAB		Date: <u>JUN 5 1979</u>	
By: <u>TJL</u>			
COMMENTS:			
COPY TO: <u>L. MORSE</u>		Date: <u>11/1/79</u>	

NEW HAMPSHIRE WATER SUPPLY AND POLLUTION CONTROL COMMISSION
LABORATORY ANALYSIS

92434

STATION # _____	SOURCE: <u>EXETER RIVER</u>	LAB # _____
SAMPLE COLLECTED _____		RECEIVED IN LAB _____
By: <u>L. MORSE</u>	LOCATION: <u>BLUEBERRY HILL ROAD</u>	By: _____
Date: <u>5-29-79</u>	<u>BRIDGE</u>	Date: _____
Time: <u>5:27</u>	<u>RAYMOND</u>	Time: _____

All results in mg/l unless otherwise noted

ON SITE OBSERVATIONS	DEPTH (Sample): M	PHYSICAL/MINERAL ANALYSES	ALKALINITY, CaCO ₃ :
	FLOW: L-M-H (cfs)		CHLORIDE, Cl:
	SALINITY: ‰		COLOR (Apparent): Units
	SECCHI DISC: cm		FLUORIDE, F:
	TEMPERATURE (Air): °C		HARDNESS, CaCO ₃
	TEMPERATURE (Sample): °C		pH: Units
	WEATHER: Std Abbr		SPEC. CONDUCT: µMHOs
	REMARKS:		SILICA, DIS, SiO ₂ :
BIOLOGICAL ANALYSES	CHLOROPHYL "A": mg/M ³	RESIDUE ANALYSES	FIXED (105°)
	COLIFORM, TOT: MPN/100ml		TOTAL:
	COLIFORM, TOT: cts/100ml		FILTERABLE (Dis)
	COLIFORM, FECAL: cts/100ml		NON-FILTERABLE (Susp):
	FECAL STREP: cts/100ml		SETTLEABLE: ml/L/Hr
DEMAND ANALYSES	BOD	ORGANIC ANALYSES	VOLATILE (550°C)
	COD		TOTAL:
	OXYGEN, DIS		FILTERABLE (Dis):
	TOC		NON-FILTERABLE (Susp):
NUTRIENT ANALYSES	NITROGEN, TKN, N:	SPECIAL ANALYSES (See Separate Sheet)	CYANIDE, CN:
	NITROGEN, NH ₃ , N:		MBAS (Surfactants):
	NITROGEN, NO ₂ +NO ₃ , N:		OIL & GREASE (Freon Ext):
	PHOSPHATE, DIS, ORTHO, P:		PHENOLICS, Phenol:
	PHOSPHORUS, TOTAL, P:		PLANKTON
METALS ANALYSES	ALUMINUM, Al:	NOTES:	☒ ORGANICS (Qualitative)
	☒ ARSENIC, As: <0.01		PESTICIDES
	☒ BARIUM, Ba: <0.1		RADIOLOGICAL
	☒ CADMIUM, Cd: <0.005		OTHERS (Specify):
	CALCIUM, Ca:		
	☒ CHROMIUM, Cr: 0.04		
	☒ COPPER, Cu: <0.1		
	☒ IRON, Fe: 0.4		
	☒ LEAD, Pb: <0.01		
	MAGNESIUM, Mg:		
	☒ MANGANESE, Mn: 0.02		
	☒ MERCURY, Hg: <0.001		
	NICKEL, Ni:		
	POTASSIUM, K:		
	☒ SELENIUM, Se: <0.01		
☒ SILVER, Ag: <0.01			
☒ SODIUM, Na: 5.9			
TIN, Sn:			
☒ ZINC, Zn: 0.07			
RESULTS REVIEWED IN LAB			
By: <u>TRA</u> Date: <u>11/11/79</u>			
COMMENTS:			
COPY TO: <u>L. Morse</u> Date: <u>11/11/79</u>			

NEW HAMPSHIRE WATER SUPPLY AND POLLUTION CONTROL COMMISSION
LABORATORY ANALYSIS

STATION # _____	SOURCE: <u>STREAM BETWEEN</u>	LAB # <u>92435</u>
SAMPLE COLLECTED	<u>CHEM WASTE DUMP</u>	RECEIVED IN LAB
By: <u>L. MORSE</u>	LOCATION: <u>& EXETER RIVER</u>	By: _____
Date: <u>5-29-79</u>	<u>RAYMOND</u>	Date: _____
Time: _____		Time: _____

All results in mg/l unless otherwise noted.

ON SITE OBSERVATIONS	DEPTH (Sample): M	PHYSICAL/MINERAL ANALYSES	ALKALINITY, CaCO ₃ :
	FLOW: L-M-H (cfs)		CHLORIDE, Cl:
	SALINITY: ‰		COLOR (Apparent): Units
	SECCHI DISC: cm		FLUORIDE, F:
	TEMPERATURE (Air): °C		HARDNESS, CaCO ₃
	TEMPERATURE (Sample): °C		pH: Units
	WEATHER: Std Abbr		SPEC. CONDUCT: µMHOS
BIOLOGICAL ANALYSES	REMARKS:	RESIDUE ANALYSES	SILICA, DIS, SiO ₂ :
	CHLOROPHYL "A": mg/M ³		SULFATE, SO ₄
	COLIFORM, TOT: MPN/100ml		SULFIDE, S:
	COLIFORM, TOT: cts/100ml		SULFITE, SO ₃ :
	COLIFORM, FECAL: cts/100ml		TURBIDITY: NTU
DEMAND ANALYSES	FECAL STREP: cts/100ml	ORGANIC ANALYSES	FIXED (105°)
	BOD		TOTAL:
	COD		FILTERABLE (Dis):
	OXYGEN, DIS		NON-FILTERABLE (Susp):
NUTRIENT ANALYSES	TOC	SPECIAL ANALYSES (See Separate Sheet)	SETTLEABLE: ml/L/Hr
	NITROGEN, TKN, N:		VOLATILE (550°C)
	NITROGEN, NH ₃ , N:		TOTAL:
	NITROGEN, NO ₂ +NO ₃ , N:		FILTERABLE (Dis):
	PHOSPHATE, DIS, ORTHO, P:		NON-FILTERABLE (Susp):
METALS ANALYSES	PHOSPHORUS, TOTAL, P:		CYANIDE, CN:
	ALUMINUM, Al:		MBAS (Surfactants):
	ARSENIC, As: <u><0.01</u>		OIL & GREASE (Freon Ext):
	BARIUM, Ba: <u><0.01 <0.1</u>		PHENOLICS, Phenol:
	CADMIUM, Cd: <u><0.005</u>		PLANKTON
	CALCIUM, Ca:		ORGANICS (Qualitative)
	CHROMIUM, Cr: <u><0.01</u>		PESTICIDES
	COPPER, Cu: <u><0.1</u>		RADIOLOGICAL
	IRON, Fe: <u>0.2</u>		OTHERS (Specify):
	LEAD, Pb: <u><0.01</u>		
	MAGNESIUM, Mg:		
	MANGANESE, Mn: <u>0.05</u>		
	MERCURY, Hg: <u><0.001</u>		
	NICKEL, Ni:		
	POTASSIUM, K:		
SELENIUM, Se: <u><0.01</u>			
SILVER, Ag: <u><0.01</u>			
SODIUM, Na: <u>2.4</u>			
TIN, Sn:			
ZINC, Zn: <u>0.04</u>			

NOTES:

RESULTS REVIEWED IN LAB

By: TJA

Date: JUN 18 1979

COMMENTS:

COPY TO: L. Morse

Date: JUN 18 1979

SAMPLE COLLECTED
By: L. MORSE
Date: 5-29-79
Time: _____

SUPPLY AND POLLUTION CONTROL COMMISSION
LABORATORY ANALYSIS
SOURCE: DEWELD WELL
LOCATION: DALBEC, BLUEBERRY
HILL ROAD, RAYMOND

LAB # 92436
RECEIVED IN LAB
By: _____
Date: _____
Time: _____

All results in mg/l unless otherwise noted

ON SITE OBSERVATIONS

DEPTH (Sample): M
FLOW: L-M-H (cfs)
SALINITY: 0/00
SECCHI DISC: cm
TEMPERATURE (Air): °C
TEMPERATURE (Sample): °C
WEATHER: Std Abbr
REMARKS:

PHYSICAL/MINERAL ANALYSES

ALKALINITY, CaCO₃:
CHLORIDE, Cl:
COLOR (Apparent): Units
FLUORIDE, F:
HARDNESS, CaCO₃
pH: Units
SPEC. CONDUCT: µMHOS
SILICA, DIS, SiO₂:
SULFATE, SO₄:
SULFIDE, S:
SULFITE, SO₃:
TURBIDITY: NTU

RESIDUE ANALYSES

FIXED (105°)
TOTAL:
FILTERABLE (Dis)
NON-FILTERABLE (Susp):
SETTLABLE: ml/L/Hr
VOLATILE (550°C)
TOTAL:
FILTERABLE (Dis):
NON-FILTERABLE (Susp):

ORGANIC ANALYSES

CYANIDE, CN:
MPAS (Surfactants):
OIL & GREASE (Freon Ext):
PHENOLICS, Phenol:

SPECIAL ANALYSES
(See Separate Sheet)

PLANKTON
ORGANICS (Qualitative)
PESTICIDES
RADIOLOGICAL
OTHERS (Specify):

NOTES:

RESULTS REVIEWED IN LAB
By: TGL
COMMENTS: _____
Date: 5-29-79

COPY TO: L. Morse

BIOLOGICAL ANALYSES

CHLOROPHYL "A": mg/M³
COLIFORM, TOT: MPN/100ml
COLIFORM, TOT: cts/100ml
COLIFORM, FECAL: cts/100ml
FECAL STREP: cts/100ml

ORGANO ANALYSES

BOD
COD
OXYGEN, DIS
TOC

NUTRIENT ANALYSES

NITROGEN, TKN, N:
NITROGEN, NH₃, N:
NITROGEN, NO₂+NO₃, N:
PHOSPHATE, DIS, ORTHO, P:
PHOSPHORUS, TOTAL, P:

METALS ANALYSES

ALUMINUM, Al:
ARSENIC, As: 0.05
BARIUM, Ba: <0.1
CADMIUM, Cd: <0.005
CALCIUM, Ca:
CHROMIUM, Cr:
COPPER, Cu: 0.06 0.04
IRON, Fe: <0.1
LEAD, Pb: 18
MAGNESIUM, Mg: <0.01
MANGANESE, Mn:
MERCURY, Hg: 23.0
NICKEL, Ni: <0.001
POTASSIUM, K:
SELENIUM, Se:
SILVER, Ag: <0.01
SODIUM, Na: <0.01
TIN, Sn: 4.3
ZINC, Zn: 0.52

STATION # _____ SAMPLE COLLECTED By: _____ Date: _____ Time: _____		SOURCE: <u>Illegal Chemical Waste</u> LOCATION: <u>Pump, Raymond</u> <u>1001010</u>		LAB # <u>12751</u> RECEIVED IN LAB By: _____ Date: _____ Time: _____		
All results in mg/l unless otherwise noted						
ON SITE OBSERVATIONS	DEPTH (Sample): M		PHYSICAL/MINERAL ANALYSES	ALKALINITY, CaCO ₃ :		
	FLOW: L-M-H (cfs)			CHLORIDE, Cl:		
	SALINITY: ‰			COLOR (Apparent): Units		
	SECCHI DISC: cm			FLUORIDE, F:		
	TEMPERATURE (Air): °C			HARDNESS, CaCO ₃		
	TEMPERATURE (Sample): °C			pH: Units		
	WEATHER: Std Abbr			SPEC. CONDUCT: µMHOs		
	REMARKS:			SILICA, DIS, SiO ₂ :		
BIOLOGICAL ANALYSES	CHLOROPHYL "A": mg/M ³			RESIDUE ANALYSES	FIXED (105°)	
	COLIFORM, TOT: MPN/100ml				TOTAL:	
	COLIFORM, TOT: cts/100ml		FILTERABLE (Dis)			
	COLIFORM, FECAL: cts/100ml		NON-FILTERABLE (Susp):			
	FECAL STREP: cts/100ml		SETTLEABLE: ml/L/Hr			
DEMAND ANALYSES	BOD		ORGANIC ANALYSES		VOLATILE (550°C)	
	COD				TOTAL:	
	OXYGEN, DIS				FILTERABLE (Dis):	
	TOC				NON-FILTERABLE (Susp):	
NUTRIENT ANALYSES	NITROGEN, TKN, N:				SPECIAL ANALYSES (See Separate Sheet)	CYANIDE, CN:
	NITROGEN, NH ₃ , N:			MBAS (Surfactants):		
	NITROGEN, NO ₂ +NO ₃ , N:			OIL & GREASE (Freon Ext):		
	PHOSPHATE, DIS, ORTHO, P:			PHENOLICS, Phenol:		
	PHOSPHORUS, TOTAL, P:			PLANKTON		
METALS ANALYSES	ALUMINUM, Al:			NOTES:	<i>Original data sheet lost - rewritten by TJS, 6/18/79</i>	
	☒ ARSENIC, As: <u>0.21</u>					
	☒ BARIUM, Ba: <u>0.11</u>					
	☒ CADMIUM, Cd: <u><0.005</u>					
	CALCIUM, Ca:					
	☒ CHROMIUM, Cr: <u>0.08</u>					
	☒ COPPER, Cu: <u>0.1</u>					
	☒ IRON, Fe: <u>86</u>					
	☒ LEAD, Pb: <u>0.09</u>					
	MAGNESIUM, Mg:					
	☒ MANGANESE, Mn: <u>16.4</u>					
	☒ MERCURY, Hg: <u>0.008</u>					
	NICKEL, Ni:					
	POTASSIUM, K:					
	☒ SELENIUM, Se: <u>0.03</u>					
	☒ SILVER, Ag: <u>0.01</u>					
	☒ SODIUM, Na: <u>130</u>					
	TIN, Sn:					
	☒ ZINC, Zn: <u>0.46</u>					
	RESULTS REVIEWED IN LAB		By: <u>TJS</u> Date: <u>11/15</u>			
COMMENTS:						
COPY TO: <u>L. Morse</u>		Date: <u>JUN 18 1979</u>				