Massachusetts Department of Environmental Protection - Drinking Water Program **Sec**

Secondary Contaminant Report

MAY 2 9 2009

I. PWS INFORMATION: Please refer to your DEP Water Quality Sampling Schedule (WQSS) to help complete this form

PWS ID #: 1191000 **City / Town:** Monson

PWS Name: Monson Water & Sewer Dept. **PWS Class:** COM ☒ NTNC ☐ TNC ☐

	DEP LOCATION (LOC) ID#	DEP Location Name	Sample Information		Date Collected	Collected By
A	10001	Bethany	☐ (M)ultiple ☒ (S)ingle	☐ (R)aw ☒ (F)inished	5/4/09	Craig Jalbert
B			☐ (M)ultiple ☐ (S)ingle	☐ (R)aw ☐ (F)inished		

	Routine or Special Sample	Original, Resubmitted or Confirmation Report	If Resubmitted Report, list below: (1) Reason for Resubmission	(2) Collection Date of Original Sample
A	☒ RS ☐ SS	☒ Original ☐ Resubmitted ☐ Confirmation	☐ Resample ☐ Reanalysis ☐ Report Correction	
B	☐ RS ☐ SS	☐ Original ☐ Resubmitted ☐ Confirmation	☐ Resample ☐ Reanalysis ☐ Report Correction	

	SAMPLE NOTES – (Such as, if a Manifold/Multiple sample, list any sources that were on-line during sample collection).
A	
B	

II. ANALYTICAL LABORATORY INFORMATION:

Primary Lab MA Cert. #: MA138 **Primary Lab Name:** Spectrum Analytical, Inc. **Subcontracted? (Y/N)** N

Analysis Lab MA Cert. #: **Analysis Lab Name:**

Compound	Results A	Results B	SMCL	MDL (mg/L)	Lab Method	Date Analyzed	Lab Sample ID#
IRON (mg/L)	ND		0.3	0.0700	200.7	5/8/09	SA94291-01
MANGANESE (mg/L)	0.0058		0.05*	0.0002	200.8	5/7/09	SA94291-01
ALKALINITY (mg/L as CaCO3)	23.2		None	2.0	SM2320B	5/7/09	SA94291-01
CALCIUM (mg/L)	15.4		None	0.100	200.7	5/8/09	SA94291-01
MAGNESIUM (mg/L)	3.30		None	0.0100	200.7	5/8/09	SA94291-01
HARDNESS (mg/L as CaCO3)	50.0		None	2.00	SM2340C	5/6/09	SA94291-01
POTASSIUM (mg/L)	4.59		None	0.500	200.7	5/8/09	SA94291-01
TURBIDITY (mg/L)	ND		None	0.10	180.1	5/4/09	SA94291-01
ALUMINUM (mg/L)	0.0688		0.2	0.0100	200.8	5/7/09	SA94291-01
CHLORIDE (mg/L)	90.2		250	10.0	300.0	5/14/09	SA94291-01
COLOR (C.U.)	0		15		SM2120B	5/4/09	SA94291-01
COPPER (mg/L)	0.0138		1	0.0002	200.8	5/7/09	SA94291-01
ODOR (T.O.N)	ND		3	1	SM2150B	5/4/09	SA94291-01
pH	6.39		6.5-8.5		ASTM D 1293	5/4/09	SA94291-01
SILVER (mg/L)	0.0018		0.10	0.0002	200.8	5/7/09	SA94291-01
SULFATE (mg/L)	14.7		250	1.00	300.0	5/9/09	SA94291-01
TDS (mg/L)	226		500	5.00	SM2540C	5/5/09	SA94291-01
ZINC (mg/L)	0.0153		5	0.0005	200.8	5/7/09	SA94291-01

* EPA has established a lifetime Health Advisory (HA) for manganese at 0.3 mg/L and an acute HA at 1.0 mg/L.

	LAB SAMPLE NOTES
A	
B	

I certify under penalties of law that I am the person authorized to fill out this form and the information contained herein is true, accurate and complete to the best extent of my knowledge.

Primary Lab Director Signature:

Date: 5/18/09

If not submitting these results electronically, mail TWO copies of this report to your DEP Regional Office no later than 10 days after the end of the month in which you received this report or no later than 10 days after the end of the reporting period, whichever is sooner.

DEP REVIEW STATUS (Initial & Date)	Review Comments		☐ WQTS Data Entered
☐ Accepted _____ ☐ Disapproved _____			

Massachusetts Department of Environmental Protection - Drinking Water Program **Sec**

Secondary Contaminant Report

MAY 2 9 2009

I. PWS INFORMATION: Please refer to your DEP Water Quality Sampling Schedule (WQSS) to help complete this form

PWS ID #: 1191000 **City / Town:** Monson

PWS Name: Monson Water & Sewer Dept. **PWS Class:** COM ☒ NTNC ☐ TNC ☐

	DEP LOCATION (LOC) ID#	DEP Location Name	Sample Information		Date Collected	Collected By
A	10002	Palmer	☐ (M)ultiple ☒ (S)ingle	☐ (R)aw ☒ (F)inished	5/4/09	Craig Jalbert
B			☐ (M)ultiple ☐ (S)ingle	☐ (R)aw ☐ (F)inished		

	Routine or Special Sample	Original, Resubmitted or Confirmation Report	If Resubmitted Report, list below: (1) Reason for Resubmission	(2) Collection Date of Original Sample
A	☒ RS ☐ SS	☒ Original ☐ Resubmitted ☐ Confirmation	☐ Resample ☐ Reanalysis ☐ Report Correction	
B	☐ RS ☐ SS	☐ Original ☐ Resubmitted ☐ Confirmation	☐ Resample ☐ Reanalysis ☐ Report Correction	

	SAMPLE NOTES – (Such as, if a Manifold/Multiple sample, list any sources that were on-line during sample collection).
A	
B	

II. ANALYTICAL LABORATORY INFORMATION:

Primary Lab MA Cert. #: MA138 **Primary Lab Name:** Spectrum Analytical, Inc. **Subcontracted? (Y/N)** N

Analysis Lab MA Cert. #: **Analysis Lab Name:**

Compound	Results A	Results B	SMCL	MDL (mg/L)	Lab Method	Date Analyzed	Lab Sample ID#
IRON (mg/L)	ND		0.3	0.0700	200.7	5/8/09	SA94291-02
MANGANESE (mg/L)	0.0050		0.05*	0.0002	200.8	5/7/09	SA94291-02
ALKALINITY (mg/L as CaCO3)	21.6		None	2.00	SM2320B	5/7/09	SA94291-02
CALCIUM (mg/L)	14.1		None	0.100	200.7	5/8/09	SA94291-02
MAGNESIUM (mg/L)	3.60		None	0.0100	200.7	5/8/09	SA94291-02
HARDNESS (mg/L as CaCO3)	50.0		None	2.00	SM2340C	5/6/09	SA94291-02
POTASSIUM (mg/L)	3.24		None	0.500	200.7	5/8/09	SA94291-02
TURBIDITY (mg/L)	0.12		None	0.10	180.1	5/4/09	SA94291-02
ALUMINUM (mg/L)	0.0197		0.2	0.0005	200.8	5/7/09	SA94291-02
CHLORIDE (mg/L)	72.6		250	1.00	300.0	5/9/09	SA94291-02
COLOR (C.U.)	0		15		SM2120B	5/4/09	SA94291-02
COPPER (mg/L)	0.0268		1	0.0002	200.8	5/7/09	SA94291-02
ODOR (T.O.N)	ND		3	1	SM2150B	5/4/09	SA94291-02
pH	6.63		6.5-8.5		ASTM D 1293	5/4/09	SA94291-02
SILVER (mg/L)	ND		0.10	0.0002	200.8	5/7/09	SA94291-02
SULFATE (mg/L)	13.6		250	1.00	300.0	5/9/09	SA94291-02
TDS (mg/L)	177		500	5.00	SM2540C	5/5/09	SA94291-02
ZINC (mg/L)	0.0176		5	0.0005	200.8	5/7/09	SA94291-02

* EPA has established a lifetime Health Advisory (HA) for manganese at 0.3 mg/L and an acute HA at 1.0 mg/L.

	LAB SAMPLE NOTES
A	
B	

I certify under penalties of law that I am the person authorized to fill out this form and the information contained herein is true, accurate and complete to the best extent of my knowledge.

Primary Lab Director Signature:

Date: 5/21/09

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DEP REVIEW STATUS (Initial & Date) ☐ Accepted _____ ☐ Disapproved _____	Review Comments		☐ WQTS Data Entered

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PWS Name: Monson Water & Sewer Dept. **PWS Class:** COM ☒ NTNC ☐ TNC ☐

	DEP LOCATION (LOC) ID#	DEP Location Name	Sample Information		Date Collected	Collected By
A	10009	Bunyan	☐ (M)ultiple ☒ (S)ingle	☐ (R)aw ☒ (F)inished	5/4/09	Craig Jalbert
B			☐ (M)ultiple ☐ (S)ingle	☐ (R)aw ☐ (F)inished		

	Routine or Special Sample	Original, Resubmitted or Confirmation Report	If Resubmitted Report, list below: (1) Reason for Resubmission	(2) Collection Date of Original Sample
A	☒ RS ☐ SS	☒ Original ☐ Resubmitted ☐ Confirmation	☐ Resample ☐ Reanalysis ☐ Report Correction	
B	☐ RS ☐ SS	☐ Original ☐ Resubmitted ☐ Confirmation	☐ Resample ☐ Reanalysis ☐ Report Correction	

	SAMPLE NOTES – (Such as, if a Manifold/Multiple sample, list any sources that were on-line during sample collection).
A	
B	

II. ANALYTICAL LABORATORY INFORMATION:

Primary Lab MA Cert. #: MA138 **Primary Lab Name:** Spectrum Analytical, Inc. **Subcontracted? (Y/N)** N

Analysis Lab MA Cert. #: **Analysis Lab Name:**

Compound	Results A	Results B	SMCL	MDL (mg/L)	Lab Method	Date Analyzed	Lab Sample ID#
IRON (mg/L)	ND		0.3	0.0700	200.7	5/8/09	SA94291-03
MANGANESE (mg/L)	0.0023		0.05*	0.0002	200.8	5/7/09	SA94291-03
ALKALINITY (mg/L as CaCO3)	18.9		*None*	2.00	SM2320B	5/7/09	SA94291-03
CALCIUM (mg/L)	8.08		*None*	0.100	200.7	5/8/09	SA94291-03
MAGNESIUM (mg/L)	2.05		*None*	0.0100	200.7	5/8/09	SA94291-03
HARDNESS (mg/L as CaCO3)	27.0		*None*	2.00	SM2340C	5/6/09	SA94291-03
POTASSIUM (mg/L)	2.40		*None*	0.500	200.7	5/8/09	SA94291-03
TURBIDITY (mg/L)	ND		*None*	0.10	180.1	5/4/09	SA94291-03
ALUMINUM (mg/L)	0.0330		0.2	0.0005	200.8	5/7/09	SA94291-03
CHLORIDE (mg/L)	17.4		250	1.00	300.0	5/9/09	SA94291-03
COLOR (C.U.)	0		15		SM2120B	5/4/09	SA94291-03
COPPER (mg/L)	0.0275		1	0.0002	200.8	5/7/09	SA94291-03
ODOR (T.O.N)	ND		3	1	SM2150B	5/4/09	SA94291-03
pH	7.63		6.5-8.5		ASTM D 1293	5/4/09	SA94291-03
SILVER (mg/L)	0.0016		0.10	0.0002	200.8	5/7/09	SA94291-03
SULFATE (mg/L)	10.9		250	1.00	300.0	5/9/09	SA94291-03
TDS (mg/L)	79.0		500	5.00	SM2540C	5/5/09	SA94291-03
ZINC (mg/L)	0.0138		5	0.0005	200.8	5/7/09	SA94291-03

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	LAB SAMPLE NOTES
A	
B	

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Date: 5/18/09

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