CITY OF BURLINGTON

Department of Public Works
Streets, Parks, Water, & Wastewater Divisions
2200 S. Pine St., Burlington, WI, 53105
(262) 539-3770 – (262) 539-3773 fax

June 25, 2013

Mr. Timothy Thompson
Wisconsin Dept. of Natural Resources
2300 N. Dr. Martin Luther King Jr. Drive
Milwaukee, WI 53212

Re: Mercury Pollutant Minimization Program - FINAL REPORT

Dear Mr. Thompson,

I have drafted this correspondence to serve as the Final Report on the City of Burlington's Mercury Minimization Program. Please note the following successes of this program:

1. Inventories have been completed by dentists, schools, and medical facilities.
2. Mercury reclamation equipment has been installed by facilities which require them.
3. The wastewater plant continues to serve as a drop off location for mercury laden wastes such as light bulbs, thermometers, and barometers.
4. In cooperation with surrounding communities, the City has hosted several successful "Clean Sweep" events in the past years.

Although we did observe an increase in our influent mercury concentration during the second half of 2012, we believe this can be attributed to the large amount of collection system cleaning that was conducted during that period. These concentrations have resided during the first two sampling events of 2013. reduced

Please find the enclosed forms which complete this Final Report. The city will continue quarterly mercury testing and community education as required by our current permit. Should you have any questions or comments regarding this report, do not hesitate to call me at (262) 342-1182.

Sincerely,
The City of Burlington

Craig C. Workman

Craig C. Workman, P.E.
Director of Public Works

Encl.

FORM 1: Mercury PMP Report Cover Sheet

WPDES Permit Holder or Sewer Authority Name: Burlington Water Pollution Control

Initial Plan: _____ Annual Report FINAL and Date Initial Plan Submitted August 25, 2008

Report Date: 6/25/2013 Period Covered by This Report: 1/1/2012 - 6/25/2013

Name of Treatment Plant(s)	WPDES Permit Number	Mercury Effluent Limit (ng/l)
Burlington WWTP	WI-0022926-08-0	5.8 ng/l

Person to contact concerning information contained in this report:

Name: Craig C. Workman

Title: Director of Public Works

Mailing Address: 2200 S. Pine Street

City, State, Zip Code: Burlington, WI 53105

Telephone No. (262) 342-1182

E-mail: cworkman@burlington-wi.gov

I have personally examined and am familiar with the information submitted in this document and attachments. Based upon my inquiry of the individuals immediately responsible for obtaining the information reported herein, I believe that the submitted information is true, accurate and complete.

6/25/2013
Date

Director of Public Works
Title of Official

Craig C. Workman
Name of Official

Craig C Workman
Signature of Official

FORM 3: Mercury PMP Summary of Treatment Plant Analytical Mercury Data

Influent		Effluent		Biosolids	
Date	Concentration ng/L	Date	Concentration ng/L	Date	Concentration mg/kg
02/28/2012	84		1.90		0.40
04/25/2012	45		0.62		0.39
08/08/2012	240		0.88		0.32
10/03/2012	300		1.70		0.65
02/05/2013	100		1.50		ND
05/14/2013	34		1.20		ND
Average	168	Average	1.28	Average	0.44
Test Method		Test Method		Test Method	
Average from 1 year ago	37	Average from 1 year ago	1.14	Average from 1 year ago	0.42
Average from 2 years ago	92	Average from 2 years ago	0.90	Average from 2 years ago	0.27
Average from 3 years ago	57	Average from 3 years ago	4.48	Average from 3 years ago	1.15
Laboratory doing the wastewater analysis:			Northern Lake Service		
Laboratory doing the biosolids analysis:			Northern Lake Service		

Is there a numerical or narrative mercury limit in your sewer use ordinance? Yes

If yes, what is it? 2.6 ug/l

FORM 4A: Medical Facility Inventory[1]

Name	Address	City, State, Zip Code	Type of Facility	Contact	Phone
Aurora Health	248 McHenry	Burlington, WI	Clinic	Mary Schutte	(262) 767-8000
Burlington Hospital	252 McHenry	Burlington, WI	Hospital	Wayne Mallas	(262) 767-6000
Molitor Pet Clinic	108 N. Pine	Burlington, WI	Vet Clinic	Molitor	(262) 763-8113
Country Vet Clinic	20075 Browns Lake	Burlington, WI	Vet Clinic	George	(262) 763-2254
Long View Clinic	688 McHenry	Burlington, WI	Vet Clinic	Brenda Long	(262) 763-6055

[1] List should include all hospitals, clinics and veterinary facilities with diagnostic laboratories (including laboratories contracted or managed independently of the medical facility).

FORM 4C: Medical Facility Compliance and Outreach Summary

General Outreach to All Medical Facilities

Outreach Accomplished	Outreach Planned
Mercury Free Facility	

Outreach may include newspaper articles or advertisements, mailings, workshops, speaking engagements, etc. Identify type and date.

Compliance and Specific Outreach to Individual Medical Facilities

Name of Facility	Implemented All WW BMPs	Scheduled All WW BMPs	Wastewater Analysis	Outreach Accomplished	Outreach Planned
Smith DDS	100%			Amalgam Separator	
Aurora Clinic	100%				
Long View Vet. Clinic	100%				
Countryside Vet Clinic	100%				
Molitor Vet Clinic	100%				
Mercury Free Facility	100%				

Outreach may include a site visit, an inspection, sampling, etc. Identify type and date.

Sector Evaluation

Notes:

100 % Implemented All WW BMPs
_____ % Scheduled to Implement All WW BMPs
_____ % In Compliance with Local Wastewater Limits
100 Total % Compliant (Medical Mercury PMP Score)

Enter on Form 10 under IA: Medical Sector Score

FORM 5A: Dental Facility Inventory[1]

Name	Address	City, State, Zip Code	Type of Facility	Contact	Phone
William Basil	222 Adams	Burlington, WI	Dentist Office	Basil	763-8900
Robert Becker	190 Gardner	Burlington, WI	Periodontics	Becker	763-2229
Mark Buratti	190 Gardner	Burlington, WI	Endodontics	Buratti	763-2818
Newell Easley	189 W. Chesnut	Burlington, WI	Dentist Office	Easley	763-3430
Henry Zimmermann	190 Gardner	Burlington, WI	Dentist Office	Zimmermann	763-7005
Chas Mesac	240 N. Main	Burlington, WI	Dentist Office	Mesac	763-2141
Donald Pricco	190 Gardner	Burlington, WI	Surgery	Pricco	763-8101
Chas Puntillo	190 Gardner	Burlington, WI	Dentist Office	Puntillo	763-8360
Chas Schneider	190 Gardner	Burlington, WI	Dentist Office	Schneider	763-6921
Tim Smith	190 Gardner	Burlington, WI	Dentist Office	Smith	763-7121
John Knutson	190 Gardner	Burlington, WI	Dentist Office	Knutson	763-3012

[1] List should include all dental facilities that install or remove amalgam fillings. Dental facilities not working with amalgam do not need to be included.

FORM 5C: Dental Facility Compliance and Outreach Summary

General Outreach to All Dental Facilities

Outreach Accomplished	Outreach Planned
Amalgam Separators Installed	

Outreach may include newspaper articles or advertisements, mailings, workshops, speaking engagements, etc. Identify type and date.

Compliance and Specific Outreach for Individual Dental Facilities

Name of Facility	Implemented All BMPs	Scheduled All BMPs	Wastewater Analysis	Outreach Accomplished	Outreach Planned
Zimmerman DDS	100%			Amalgam Separator	
Easley DDS	100%			Amalgam Separator	
Smith DDS	100%			Amalgam Separator	
Puntillo DDS	100%			Amalgam Separator	
Schneider DDS	100%			Amalgam Separator	
Mesec DDS	100%			Amalgam Separator	
Knutson DDS	100%			Amalgam Separator	
Basil DDS	100%			Amalgam Separator	

Outreach may include a site visit, an inspection, sampling, etc. Identify type and date.

Sector Evaluation

Notes:

100 % Implemented All BMPs
_____ % Scheduled to Implement All BMPs
_____ % In Compliance with Local Wastewater Limits
100 Total % Compliant (Dental Mercury PMP Score)

Enter on Form 10 under IB: Dental Sector Score

FORM 6A: School and Educational Facility Inventory[1]

Name	Address	City, State, Zip Code	Type of Facility	Contact	Phone
Nestles Corporation	637 Pine Street	Burlington, WI	Food Mfg.	Gabe Chavez	763-1254
Karcher Middle School	225 Robert	Burlington, WI	Middle School	Gary Olson	763-0200
Waller School	195 Gardner	Burlington, WI	El. School	Gary Olson	763-0200
Cooper School	249 Conkey	Burlington, WI	El. School	Gary Olson	763-0200
Gateway Technical Coll.	496 McCanna	Burlington, WI	College	Gary Olson	763-0200
Catholic Central	148 McHenry	Burlington, WI	High School	Steve Kuhn	763-1510
St. Charles	449 Conkey	Burlington, WI	El. School	Sister Margaret	763-0200
St. John's	198 Westridge	Burlington, WI	El. School		763-8229

[1] List should include all middle schools, high schools, technical schools, colleges, and universities.

FORM 6C: School and Educational Facility Compliance and Outreach Summary

General Outreach to All School and Educational Facilities

Outreach Accomplished	Outreach Planned
Mercury Free Facility	

Outreach may include newspaper articles or advertisements, mailings, workshops, speaking engagements, etc. Identify type and date.

Compliance and Specific Outreach for Individual School and Educational Facilities

Name of Facility	Implemented All BMPs	Scheduled All BMPs	Wastewater Analysis	Outreach Accomplished	Outreach Planned
Burlington High School	100%				
Karcher Middle School	100%				
Catholic Central H.S.	100%				

Outreach may include a site visit, an inspection, sampling, etc. Identify type and date.

Sector Evaluation

100 % Implemented All BMPs
____ % Scheduled to Implement All BMPs
____ % In Compliance with Local Wastewater Limits
100 Total % Compliant (School Mercury PMP Score)

Enter on Form 10 under IC: School Sector Score

Notes:

FORM 7A: Industry Inventory[1]

Name	Address	City, State, Zip Code	Type of Facility	Contact	Phone
Nestles Corporation	637 Pine Street	Burlington, WI	Food Mfg.	Gabe Chavez	763-1254
Echo Lake Product	33102 Honey Lake	Burlington, WI	Food Mfg.	Jerry Wartjes	763-6331
St. Gobain Containers	McHenry Street	Burlington, WI	Glass Mfg.	Colin Beveridge	763-3720
Packaging Corporation	6247 S. Pine Street	Burlington, WI	Box Mfg.	Jim Lapp	763-1443
Lavelle Industries	665 McHenry	Burlington, WI	Plumbing Mfg.	Tony Lucas	763-2233

[1] List should include all industries and businesses identified by the POTW as having potential for mercury wastewater contributions (see instructions).

FORM 7C: Industry Compliance and Outreach Summary

General Outreach to All Industrial Facilities

Outreach Accomplished	Outreach Planned
Education & Ordinance	

Outreach may include newspaper articles or advertisements, mailings, workshops, speaking engagements, etc. Identify type and date.

Compliance and Specific Outreach for Individual Industrial Facilities

Name of Facility	Implemented All WW BMPs	Scheduled All WW BMPs	Wastewater Analysis	Outreach Accomplished	Outreach Planned
Lavelle Industries	100%				
Nestle	100%				
Echo Lake Farm Products	100%				
St. Gobain Containers	100%				
Packaging Corporation	100%				

Outreach may include a site visit, an inspection, sampling, etc. Identify type and date. Add additional pages as necessary.

Sector Evaluation

Notes:

100	% Implemented All WW BMPs
	% Scheduled to Implement All WW BMPs
	In Compliance with Local Wastewater Limits
100	Total % Compliant (Industry Mercury PMP Score)

Enter on Form 10 under ID: Industry Sector Score

Form 8A: General Public Mercury Checklist and Outreach Summary

Best Management Practices for mercury are defined as reducing household use of new mercury-containing products and recycling (rather than discarding) old mercury-containing products.

List participation by households in reducing their use of new mercury containing products (i.e.: retail stores that no longer sell mercury fever thermometers) and participation by households in recycling their old mercury-containing products (i.e.: "CleanSweep" events for mercury thermometers). Include adoption of local ordinances that affect mercury product sale or recycling. *Note: Common household mercury products include fever and other thermometers, thermostats, "silent" light switches, and containers of liquid mercury.* Attach additional sheets as necessary.

Household Mercury Product	Discontinued Sale (Describe)	Recycled Products (Quantity)
Mercury Thermometers		
Florescent Lighbulbs		

Outreach activities to households (and retail stores). List date accomplished. Attach additional sheets as necessary.

Activity:	Website/Ads in Paper/Displays	Mailings/Surveys	Collection Events	Workshops/ Community Events	Site Visits/ Personal Contacts	Other: Describe
Date	Annual		2			
Date	Annual		2			
Date						
Date						
Date						

Sector Evaluation

The score for the General Public Sector is calculated based on a formula that uses POTW size and the number of outreach events. *The maximum value for the general public sector score is 100.*

4	x	10	=	40
# of outreach events		facility factor		General Public Mercury PMP Score

Enter on Form 10 under IIA: General Public Sector Score

Facility Size (MGD)	Facility Factor
1------4.9	10
5----49.9	5
50----250	1

FORM 9A: Historical Mercury PMP Score

This form gives credit to your POTW for mercury reduction projects completed before implementing a Mercury PMP. The information on the form will not change from year to year. The form is divided into outreach aimed at wastewater sectors and outreach aimed at optional sectors (dairy manometer outreach refers to farms that have participated in replacing and recycling their milk house mercury manometers). For each outreach activity that your POTW has done in the past, put a check in the corresponding box. To calculate your Historical Mercury Score, count the total number of boxes checked and enter that number in the box on the bottom of the page and also on Form 10.

		OUTREACH ACTIVITIES						SECTOR ACCOMPLISHMENTS			
		Ads in Paper/ Displays/ Website	Mailings/ Surveys	Collection Events	Workshops/ Community Events	Site Visits/ Personal Contacts	Other: Describe	Replaced Mercury Products	Recycled Mercury Products	Installed Mercury Treatment	Other - Describe
Wastewater Sectors	*Medical*	X	X	X							
	Dental	X	X	X							
	School	X	X	X							
	Industry	X	X	X							
Other Community Sectors	*General Public*	X		X							
	HVAC	X									
	Auto Switch	X									
	Fluorescent Bulb	X	X	X							
	Dairy Manometer										
	Other - Define										

Sector Evaluation:

Notes:

19 ■ **Number of Mercury Outreach Activities and Mercury Sector Accomplishments:** (Total boxes checked)

For Annual Report: Enter on Form 10 under IIIA: Historical Score

FORM 10: Community Mercury PMP Score

Facility Name: Burlington Water Pollution Control Report Date: 6/30/2013

I. Wastewater Sectors: (**Should** to be included in Mercury PMP Plan)

Sector	Sector Score	x	Weighting Factor*		=	Weighted Sector Score
A: Medical (from Form 4C)	100	x	0.15	(0.15)	=	15
B: Dental (from Form 5C)	100	x	0.50	(0.50)	=	50
C: School (from Form 6C)	100	x	0.15	(0.15)	=	15
D: Industry (from Form 7C)	100	x	0.20	(0.20)	=	20

Total Wastewater Sectors Score: 100

* Weighting factor is the relative fraction of mercury to POTW that is attributable to each sector. If you know what fraction comes from each sector you can adjust accordingly. The weighting factors must add up to 1. Use default values in parenthesis above if unknown.

II. Other Community Sectors: (**May** be included in Mercury PMP Plan)

Sector	Sector Score	x	Weighting Factor**	=	Weighted Sector Score
A: General Public (from Form 8A)	40	x	0.1	=	4
B: HVAC (from Form 8B)	0	x	0.1	=	0
C: Auto Switch (from Form 8C)	0	x	0.1	=	0
D: Fluorescent Bulb (from Form 8D)	0	x	0.1	=	0

Total Other Community Sectors Score: 4

** Weighting factor is between 0.0 and 0.1. Wisconsin's weighting factor is 0.1.

III. Other Credits: (**May** be included in Mercury PMP Plan)

Other	Score	x	Weighting Factor**	=	Weighted Score
A: Historical (from Form 9A)	19	x	0.1	=	1.9
B: Extra-jurisdictional (from Form 9B)	0	x	0.1	=	0

Total Other PMP Credits Score: 1.9

** Weighting factor is between 0.0 and 0.1. Wisconsin's weighting factor is 0.1.

IV. Community Mercury PMP Score:

Total Score

Sum of Wastewater Sectors, Other Community Sectors and Other PMP Credits: 105.9

June 29, 2011

Jason Chapelle
Wisc. DNR

Dear Jason

Enclosed for your review and file is our Mercury Report for the period of 1-1-11 to 6-30-11.

We are pleased to see the averages going down over a three year period.

We continue to collect waste mercury at our facility in Burlington, and we have applied for a "clean sweep grant" along with three other communities, to be ~~hosted~~ held in Burlington, April 2012.

We will continue quarterly mercury testing and community education as required by our discharge permit.

Sincerely,
Connie Wilson

FORM 1: Mercury PMP Report Cover Sheet

WPDES Permit Holder or Sewer Authority Name: City of Burlington

Initial Plan: _____ Annual Report X and Date Initial Plan Submitted Aug. 2008

Report Date: June 30, 11 Period Covered by This Report: 1-1-2011 – 6-30-11

Name of Treatment Plant(s)	WPDES Permit Number	Mercury Effluent Limit (ng/l)
Burlington	WI-0022926	5.8 ng/l

Person to contact concerning information contained in this report:

Name: Connie Wilson

Title: DPW Director

Mailing Address: 2200 S. Pine

City, State, Zip Code: Burlington, WI 53105

Telephone No. 262-539-3770

E-mail: cwilson@burlington-wi.gov

I have personally examined and am familiar with the information submitted in this document and attachments. Based upon my inquiry of the individuals immediately responsible for obtaining the information reported herein, I believe that the submitted information is true, accurate and complete.

6-30-11
Date

Connie Wilson
Title of Official

Connie Wilson
Name of Official

DPW Director
Signature of Official

FORM 2: Mercury PMP Summary of Resources

1. Person(s) implementing PMP — Title

Person(s) implementing PMP	Title
Connie Wilson	DPW Director

2. Total Person-Hours [1] 8 hrs

Total Cost [2] $280.00

3. Are there any anticipated changes in treatment plant resources that would significantly change program hours or costs during the subsequent year, such as involving or hiring more personnel, purchasing equipment to implement the pollutant minimization program, or conducting compliance monitoring?

____ Yes X No If yes, explain:

4. Collaboration on mercury reduction activities is encouraged. Did any other municipal departments, county agencies, non-profit organizations, or other municipalities help implement part of your mercury reduction program?

X Yes ____ No If yes, explain:

5. A program for collecting mercury from the permittee's sewer system users is required. List all available options for recycling mercury including household hazardous waste centers, clean sweep events, and collection events hosted by the POTW.

Recycling Option	Frequency of Availability
Mercury Waste Solutions	M-F
POTW drop-off	M-F

[1] Include time of all staff involved in administering and implementing the various program areas, e.g. Pretreatment Coordinator, Superintendent of POTW, Clerical Staff, Field Monitoring Personnel, Laboratory Personnel, and others.

[2] Include all administrative, monitoring, laboratory staff, and equipment costs including monitoring/analytical work done by an outside laboratory.

FORM 3: Mercury PMP Summary of Treatment Plant Analytical Mercury Data

Influent		Effluent		Biosolids	
Date	Concentration ng/L	Date	Concentration ng/L	Date	Concentration mg/kg
3-8-11	53	3-8-11	1.20	3-8-11	0.26
5-3-11	27	5-3-11	0.94	5-3-11	0.79
Average	40.0	Average	1.07	Average	0.53
Test Method	EPA 245.2	Test Method	EPA 245.2	Test Method	EPA 245.2
Average from 1 year ago	57.0	Average from 1 year ago	1.71	Average from 1 year ago	1.14
Average from 2 years ago	65.0	Average from 2 years ago	2.20	Average from 2 years ago	0.32
Average from 3 years ago	96.5	Average from 3 years ago	2.80	Average from 3 years ago	0.20
Laboratory doing the wastewater analysis:			Northern Lake Services		
Laboratory doing the biosolids analysis:					

Is there a numerical or narrative mercury limit in your sewer use ordinance? .0026 mg/l

If yes, what is it? _____

FORM 10: Community Mercury PMP Score

Facility Name: Burlington WWTP Report Date: 6-28-2011

I. Wastewater Sectors: (**Should** to be included in Mercury PMP Plan)

Sector	Sector Score	x	Weighting Factor*		=	Weighted Sector Score
A: Medical (from Form 4C)	100	x	.15	(0.15)	=	15
B: Dental (from Form 5C)	100	x	.50	(0.50)	=	50
C: School (from Form 6C)	100	x	.15	(0.15)	=	15
D: Industry (from Form 7C)	100	x	.20	(0.20)	=	20

Total Wastewater Sectors Score: 100

* Weighting factor is the relative fraction of mercury to POTW that is attributable to each sector. If you know what fraction comes from each sector you can adjust accordingly. The weighting factors must add up to 1. Use default values in parenthesis above if unknown.

II. Other Community Sectors: (**May** be included in Mercury PMP Plan)

Sector	Sector Score	x	Weighting Factor**	=	Weighted Sector Score
A: General Public (from Form 8A)		x	0.1	=	
B: HVAC (from Form 8B)		x	0.1	=	
C: Auto Switch (from Form 8C)		x	0.1	=	
D: Fluorescent Bulb (from Form 8D)		x	0.1	=	

Total Other Community Sectors Score:

** Weighting factor is between 0.0 and 0.1. Wisconsin's weighting factor is 0.1.

III. Other Credits: (**May** be included in Mercury PMP Plan)

Other	Score	x	Weighting Factor**	=	Weighted Score
A: Historical (from Form 9A)		x	0.1	=	
B: Extra-jurisdictional (from Form 9B)		x	0.1	=	

Total Other PMP Credits Score:

** Weighting factor is between 0.0 and 0.1. Wisconsin's weighting factor is 0.1.

IV. Community Mercury PMP Score:

Total Score

Sum of Wastewater Sectors, Other Community Sectors and Other PMP Credits: 100

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CONTINUE ON NEXT PAGE

FORM 1: Mercury PMP Report Cover Sheet

WPDES Permit Holder or Sewer Authority Name: City of Burlington

Initial Plan: ____ Annual Report X and Date Initial Plan Submitted Aug '08

Report Date: Jan 2011 Period Covered by This Report: 6-30-12-31-10

Name of Treatment Plant(s)	WPDES Permit Number	Mercury Effluent Limit (ng/l)
Burlington	WI-0022926	5.8 ng/l

Person to contact concerning information contained in this report:

Name: CONNIE WILSON

Title: —

Mailing Address: 2100 S. PINE ST.

City, State, Zip Code: BURLINGTON WI 53105

Telephone No. 262-539-3646

E-mail: cwilson@bizwi.rr.com

I have personally examined and am familiar with the information submitted in this document and attachments. Based upon my inquiry of the individuals immediately responsible for obtaining the information reported herein, I believe that the submitted information is true, accurate and complete.

Jan 28, 2011	Director of Public Works
Date	Title of Official
CONNIE WILSON	Connie Wilson
Name of Official	Signature of Official

FORM 2: Mercury PMP Summary of Resources

1. Person(s) implementing PMP	Title
Connie Wilson	DPW Director

2. Total Person-Hours [1] 8 hrs

Total Cost [2] $ 280.00

3. Are there any anticipated changes in treatment plant resources that would significantly change program hours or costs during the subsequent year, such as involving or hiring more personnel, purchasing equipment to implement the pollutant minimization program, or conducting compliance monitoring?

_____ Yes X No If yes, explain:

4. Collaboration on mercury reduction activities is encouraged. Did any other municipal departments, county agencies, non-profit organizations, or other municipalities help implement part of your mercury reduction program?

X Yes _____ No If yes, explain:

5. A program for collecting mercury from the permittee's sewer system users is required. List all available options for recycling mercury including household hazardous waste centers, clean sweep events, and collection events hosted by the POTW.

Recycling Option	Frequency of Availability
Mercury Waste Solutions	M-F
POTW drop-off	M-F

[1] Include time of all staff involved in administering and implementing the various program areas, e.g. Pretreatment Coordinator, Superintendent of POTW, Clerical Staff, Field Monitoring Personnel, Laboratory Personnel, and others.

[2] Include all administrative, monitoring, laboratory staff, and equipment costs including monitoring/analytical work done by an outside laboratory.

FORM 3: Mercury PMP Summary of Treatment Plant Analytical Mercury Data

Influent		Effluent		Biosolids	
Date	Concentration ng/L	Date	Concentration ng/L	Date	Concentration mg/kg
3-16-10	130.0	3-16-10	0.89	3-16-10	0.33
6-29-10	45.0	6-29-10	1.00	6-29-10	
8-03-10	83.0	8-03-10	2.40	8-03-10	
10-05-10	110.0	10-05-10	1.50	10-05-10	
Average	92.0	Average	1.45	Average	
Test Method	EPA 245.2	Test Method	EPA 245.2	Test Method	EPA 245.2
Average from 1 year ago	57.0	Average from 1 year ago	1.71	Average from 1 year ago	1.14
Average from 2 years ago	65.0	Average from 2 years ago	2.20	Average from 2 years ago	0.32
Average from 3 years ago	96.5	Average from 3 years ago	2.80	Average from 3 years ago	0.20
Laboratory doing the wastewater analysis:			Northern Lake Services		
Laboratory doing the biosolids analysis:					

Is there a numerical or narrative mercury limit in your sewer use ordinance? .0026 mg/l

If yes, what is it? _____

FORM 4C: Medical Facility Compliance and Outreach Summary

General Outreach to All Medical Facilities

Outreach Accomplished	Outreach Planned
" Mercury Free Facility "	

Outreach may include newspaper articles or advertisements, mailings, workshops, speaking engagements, etc. Identify type and date.

Compliance and Specific Outreach to Individual Medical Facilities

Name of Facility	Implemented All WW BMPs	Scheduled All WW BMPs	Wastewater Analysis	Outreach Accomplished	Outreach Planned
Memorial Hospital	100%				
Aurora Clinic	100%				
Longview Vet	100%				
CountrySide Vet	100%				
Molitor Vet	100%				

Outreach may include a site visit, an inspection, sampling, etc. Identify type and date.

Sector Evaluation

100 % Implemented All WW BMPs
_____ % Scheduled to Implement All WW BMPs
_____ % In Compliance with Local Wastewater Limits
100 Total % Compliant (Medical Mercury PMP Score)

Enter on Form 10 under IA: Medical Sector Score

Notes:

FORM 5C: Dental Facility Compliance and Outreach Summary

General Outreach to All Dental Facilities

Outreach Accomplished	Outreach Planned
Sent reminder letters to all dentists regarding the importance of mercury reduction,	1 Continued compliance checks.

Outreach may include newspaper articles or advertisements, mailings, workshops, speaking engagements, etc. Identify type and date.

Compliance and Specific Outreach for Individual Dental Facilities

Name of Facility	Implemented All BMPs	Scheduled All BMPs	Wastewater Analysis	Outreach Accomplished	Outreach Planned
Zimmermann DDS	100%	100%		installed 2010	amalgam separator
Easley DDS	100%			installed May 2'08	
Smith DDS	100%	100%		installed 2010	amalgam separator
Puntillo DDS	100%			installed 11-08	
Schneider DDS	100%	100%		installed 2010	amalgam separator
Mesec DDS	100%			installed	
Knutson DDS	100%			installed 11-08	
Basil DDS	100%			installed 1997	

Outreach may include a site visit, an inspection, sampling, etc. Identify type and date.

Sector Evaluation

100 % Implemented All BMPs
____ % Scheduled to Implement All BMPs
____ % In Compliance with Local Wastewater Limits
100 Total % Compliant (Dental Mercury PMP Score)

Enter on Form 10 under IB: Dental Sector Score

Notes:

FORM 6C: School and Educational Facility Compliance and Outreach Summary

General Outreach to All School and Educational Facilities

Outreach Accomplished	Outreach Planned
"Mercury Free Facilities"	

Outreach may include newspaper articles or advertisements, mailings, workshops, speaking engagements, etc. Identify type and date.

Compliance and Specific Outreach for Individual School and Educational Facilities

Name of Facility	Implemented All BMPs	Scheduled All BMPs	Wastewater Analysis	Outreach Accomplished	Outreach Planned
Burlington HS	100%				
Karcher MS	100%				
Catholic Central HS	100%				

Outreach may include a site visit, an inspection, sampling, etc. Identify type and date.

Sector Evaluation

100 % Implemented All BMPs
____ % Scheduled to Implement All BMPs
____ % In Compliance with Local Wastewater Limits
100 Total % Compliant (School Mercury PMP Score)

Enter on Form 10 under IC: School Sector Score

Notes:

FORM 7C: Industry Compliance and Outreach Summary

General Outreach to All Industrial Facilities

Outreach Accomplished	Outreach Planned
Education and Ordinance	Continued Education

Outreach may include newspaper articles or advertisements, mailings, workshops, speaking engagements, etc. Identify type and date.

Compliance and Specific Outreach for Individual Industrial Facilities

Name of Facility	Implemented All WW BMPs	Scheduled All WW BMPs	Wastewater Analysis	Outreach Accomplished	Outreach Planned
Echo Lake Farm	100%				
Nestles	100%				
Lavelle	100%				
St. Gobain	100%				

Outreach may include a site visit, an inspection, sampling, etc. Identify type and date. Add additional pages as necessary.

Sector Evaluation

100	% Implemented All WW BMPs
	% Scheduled to Implement All WW BMPs
	In Compliance with Local Wastewater Limits
100	Total % Compliant (Industry Mercury PMP Score)

Enter on Form 10 under ID: Industry Sector Score

Notes:

FORM 10: Community Mercury PMP Score

Facility Name: Burlington WWTP Report Date: 1-28-2011

I. Wastewater Sectors: (Should to be included in Mercury PMP Plan)

Sector	Sector Score	x	Weighting Factor*		=	Weighted Sector Score
A: Medical (from Form 4C)	100	x	.15	(0.15)	=	15
B: Dental (from Form 5C)	100	x	.50	(0.50)	=	50
C: School (from Form 6C)	100	x	.15	(0.15)	=	15
D: Industry (from Form 7C)	100	x	.20	(0.20)	=	20
					Total Wastewater Sectors Score	100%

* Weighting factor is the relative fraction of mercury to POTW that is attributable to each sector. If you know what fraction comes from each sector you can adjust accordingly. The weighting factors must add up to 1. Use default values in parenthesis above if unknown.

II. Other Community Sectors: (May be included in Mercury PMP Plan)

Sector	Sector Score	x	Weighting Factor**	=	Weighted Sector Score
A: General Public (from Form 8A)		x	0.1	=	
B: HVAC (from Form 8B)		x	0.1	=	
C: Auto Switch (from Form 8C)		x	0.1	=	
D: Fluorescent Bulb (from Form 8D)		x	0.1	=	
				Total Other Community Sectors Score	

** Weighting factor is between 0.0 and 0.1. Wisconsin's weighting factor is 0.1.

III. Other Credits: (May be included in Mercury PMP Plan)

Other	Score	x	Weighting Factor**	=	Weighted Score
A: Historical (from Form 9A)		x	0.1	=	
B: Extra-jurisdictional (from Form 9B)		x	0.1	=	
				Total Other PMP Credits Score	

** Weighting factor is between 0.0 and 0.1. Wisconsin's weighting factor is 0.1.

IV. Community Mercury PMP Score:

	Total Score
Sum of Wastewater Sectors, Other Community Sectors and Other PMP Credits	100%

CITY OF BURLINGTON
DEPARTMENT OF PUBLIC WORKS
WATER/WASTEWATER UTILITIES

6551 SOUTH PINE ST.
BURLINGTON, WI 53105

WASTEWATER (262) 539-3646
WATER (262) 342-1173
FAX (262) 539-3648

July 29, 2009

Mr. Timothy Thompson
Wisconsin Department of Natural Resources
141 NW Barstow
Waukesha, WI 53188

RE: Progress Report #1 for the approved Mercury PMP Plan

Dear Timothy,

In accordance with the City of Burlington's Discharge Permit, I am submitting a status report on the progress of the PMP, due to the DNR by July 31, 2009.

The dentists, clinics, schools and the hospital completed all the inventories. In addition, the above mentioned installed reclamation equipment and are keeping maintenance schedules. We are requesting the maintenance schedules on a year-end basis for our permanent records.

A newsletter article on mercury pollution and abatement was published in the City's quarterly newsletter, which is delivered to all of Burlington's citizens.

It has been advertised that the wastewater plant is a collection and drop-off location for items containing mercury, such as light bulbs, thermometers and barometers, etc. We have actually collected quite a bit already, which we will take to Mercury Solutions in Union Grove.

The City continues to monitor for low-level mercury in our influent and effluent, per the Discharge Permit.

If you have any further concerns or comments, please contact me.

Sincerely,

Connie Wilson

Connie Wilson
Director of Public Works

CW/kp