To: Mayor & Members of Council

From: Jon Bisher/ra

Subject: General Information

**Date:** June 8, 2012

- 1. CALENDAR
- 2. AGENDAS/CANCELLATIONS
  - A. Electric Committee Monday, June 11th @ 6:30 p.m.
    - 1. Approval of Minutes: (Committee Meeting Minutes from the May 14, 2012 meeting)
    - 2. **Review/Approval of the Electric Billing Determinants for June, 2012** the June billing determinant reports are attached.
    - 3. Electric Department Report the May 2012 report is attached.
    - 4. **AMP EcoSmart Choice Program** we have enclosed a Memorandum from Greg Heath on *the Cost to Implement the EcoSmart Program*
  - B. Board of Public Affairs Monday, June11<sup>th</sup> at 6:30 pm
  - C. Water, Sewer, Refuse, Recycling & Litter Committee has been Canceled
  - D. <u>Municipal Properties/ED Committee</u> Monday, June 11<sup>th</sup> at 7:00 pm
    - 1. Minutes of May 14, 2012
    - 2. Sidewalk Issue Particularly on Jahns Road
    - 3. Review Updated Information from Staff on Economic Development (as needed)
  - E. <u>Records Commission Meeting</u> Tuesday, June 12<sup>th</sup> at 4:00 pm
  - F. Board of Zoning Appeals Canceled
  - G. Planning Commission Canceled

## 3. INFORMATIONAL ITEMS

- A. PRESS RELEASE Issued by the Finance Department regarding mailing of utility bills
- B. OhioEPA NPDES Compliance Issue Report for WWTP
- C. Summary from 2012 Spring Seasonal Cleanup
- D. AMP Update/June 1, 2012
- E. OML BULLETIN/June 4 and 8, 2012

## June 1 - 30, 2012





## Oalendar

07	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
27	28	29	30	31	1	2
BISHER - Vacation	HOLIDAY - Memorial Day	BISHER - Vacation	6:30 PM Parks & Rec Board			
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BISHER - Vacation	BOPA Meeting	BISHER - Vacation	AMF - Board Mig. /Bisher			BISHER - Vacation
	7:00 PM Municipal					
	Properties/Economic Development Committee Mtg.					
	BISHER - Vacation					
17						
17	18	19	20	21	22	23
	18 7:00 PM City COUNCIL	19 BISHER - APPA Conf / Seattle		21	22	23 BISHER - VACATION
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	7:00 PM City COUNCIL Meeting 8:00 PM Parks & Rec	BISHER - APPA Conf / Seattle			22	
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City of Napoleon, Ohio

# ELECTRIC COMMITTEE

LOCATION: City Hall Offices, 255 West Riverview Avenue, Napoleon, Ohio

# Meeting Agenda

# Monday, June 11, 2012 at 6:30 PM

- I. Approval of Minutes (In the Absence of any Objections or Corrections, the Minutes Shall Stand Approved)
- II. Review/Approval of the Electric Billing Determinants for June: Generation Charge: Residential @ \$.08026; Commercial @ \$.09498; Large Power @ \$.05323; Industrial @ \$.05323; Demand Charge Large Power @ \$13.19; Industrial @ \$14.53; JV Purchased Cost: JV2 @ \$.04030; JV5 @ \$.04030
- III. Electric Department Report
- IV. AMP EcoSmart Choice Program (Tabled)
- V. Any Other Matters Currently Assigned to the Committee

Gregory J. Heath, Finance Director/Clerk of Council

## City of Napoleon, Ohio **ELECTRIC COMMITTEE Special Meeting Minutes** Monday, May 14, 2012 at 6:00 PM

PRESENT	
Members	Travis Sheaffer – Chair (arrived at 6:10), Glenn Miller, Patrick McColley
BOPA	Keith Engler – Chair, Tom Druhot, Mike DeWit
Water, Sewer Committee	Jeffrey Lankenau - Chair, Jim Hershberger, Chris Ridley
City Council	Glenn Miller – President, John Helberg, Travis Sheaffer, James
	Hershberger, Jeffrey Lankenau, Patrick McColley, Christopher Ridley
City Staff	Ronald A. Behm, Mayor
	Dr. Jon A. Bisher, City Manager
	Dennis Clapp, Electric Superintendent
	Marty Crossland, Staff Engineer
	Trevor M. Hayberger, Law Director
	Gregory J. Heath, Finance Director/Clerk of Council
	Jeff Rathge, Operations Superintendent
Recorder	Barbara Nelson
Others	Julia Blankenship, Adam Hoff, Amber Bretland, Dale Kocarek, Others
ABSENT	News
	None
Call To Order	Acting Chairperson Miller called the Electric Committee meeting to order
Call To Order	at 6:00 PM.
Approval Of Minutes	The April 9, 2012, meeting minutes stand approved as presented with no
rippi of all of thinates	objections or corrections.
<b>Review Of Billing Determinants</b>	The electric billing determinants for May were presented for review. Heath
	said Fremont Energy is on the determinants. The billing determinant
	program format was modified to add them in.
Motion To Accept BOPA	Motion: McColley Second: Miller
<b>Recommendation For Approval</b>	To accept the BOPA recommendation for approval of electric billing
Of Electric Billing Determinants	determinants for May 2012 as follows:
	Generation Charge: Residential @ \$.07907; Commercial @ \$.09468;
	Large Power @ \$.05414; Industrial @ \$.05414; Demand Charge Large
	Power @ \$12.38; Industrial @ \$13.26; JV Purchased Cost: JV2 @
	\$.02826; JV5 @ \$.02826
Passed	Roll call vote on above motion:
Yea-2	Yea- Miller, McColley
Nay-0	Nay-
Electric Department Report	Clapp gave the Electric Department Report (attached). (Sheaffer arrived.)
Electric Department Report	We're working on putting a new primary at the hospital. It's not conduit
	and if it went out, it could take a couple days to get power back. We will
	work on this in the next few weeks. We don't know the cost yet. DeWit
	said we should take pride in fixing something before it breaks, especially
	for a place like the hospital.

Motion To Untable	Motion: Miller Second: McColley	
AMP EcoSmart Choice Program	To remove AMP EcoSmart Choice Program from t	he table
Passed Yea-3 Nay-0	Roll call vote on above motion: Yea- Miller, McColley, Sheaffer Nay-	
AMP EcoSmart Choice Program	Bisher said AMP EcoSmart Choice Program was di the Committees wanted to make sure Heath was up side. Julia Blankenship introduced herself. She has the last 7+ years. She gave a PowerPoint presentation	to speed on the office done this program for
	Blankenship said AMP plans to take funds left in the the year and refund it to participating communities usage. EcoSmart Choice is an AMP brand program participate in the program. It will require some more track this program. Successful enrollment is usually	based on their kWh . There is no cost to re staff time to start and
	Bisher said the issue initially came as net metering a were interested in green power. It is a fairly inexper We are still working on the hardware side. Heath sa will be four rate codes (residential, etc.). CMI will be computation in the program. We will probably have which will be another line item on the bill. It will ta The question is what happens if someone skips tow off the reporting. This should be written in the contr costs, but AMP will pick up a lot of it. Heath doesn The sign-up is a formal contract. People can go in a	nsive way to be green. id it looks like there have to include the e a monthly rate code ike some more time. n. Other cities net that ract. There will be 't know how much.
	Heath asked if any communities are CMI customers thinks Cuyahoga Falls and Bowling Green are. Hea is not. Blankenship will check on this. Heath said it investment. It is just an additional line on the bill. V cents per kWh. Other cities are designating a .2 diff fund for future green programs.	th said Bowling Green may be a \$2,000 Ve can recover up to .2
	Bisher said we always sold our RECs and don't have this is a customer service program and will cost mo a one-time cost, it's worthwhile. Heath said he wan and not treat it as an exception. He would be agains employees to do billing, etc. The big issue will be c individuals. There should be a deposit. DeWit said \$30 per year per customer. Bisher said it would be b industrial customer.	ney. DeWit said if it's ts to get it in the flow t it if we needed more ontracts with the cost will be about
	Engler requested that staff come up with specific conneeded. He doesn't want to pass something and they than we anticipated. He would like answers to quest contracts, etc. Heath said his staff can visit Bowling with CMI. DeWit said he is in favor of the program us up administratively.	n find out it costs more tions regarding CMI, g Green or a city that is
Meeting Minutes	2	5/23/2012

Motion To Table AMP EcoSmart Choice Program	Motion: McColleySecond: MillerTo table AMP EcoSmart Choice Program pending more information
Passed Yea-3 Nay-0	Roll call vote on above motion: Yea- Miller, McColley, Sheaffer Nay
Wind Purchase Power Agreement	Bisher said information on the Blue Creek Wind Farm was in the packet. They offered a block of wind to AMP for 20 years. This is not an asset, but a PPA (purchase power agreement). There is a strong reason to do it and a strong reason not to. The offer got shortened to 10 years. There are some additional charges for transmission, but a good price for power overall even in 10 years. The problem is we have to finish up Gorsuch through 2014 and don't need power for the first couple years. Beyond that we will be short of power. The advantage of this power is the sooner you get it, the better. Solar RECs are hundreds of dollars and wind is \$1-\$5. DeWit asked who picks up the gap when it's not windy. We only need power from 8am - 5pm for 5 days a week from a non-interruptible power source. We could compare this rate, but it's an interruptible power source. Bisher said it's wind and that's one reason it's \$35. If this was 2014 and we were short, he would say not a bad deal; however, we are already long for 2 years. We wanted to bring it to the Committee because it was inexpensive. Engler said it may look inexpensive, but may not be inexpensive.
Motion To Accept BOPA Motion Not To Purchase Wind Power At This Time	Motion: McColley Second: Miller To accept the BOPA recommendation not to purchase wind power at this time
Passed Yea-3 Nay-0	Roll call vote on above motion: Yea- Miller, McColley, Sheaffer Nay
Motion To Adjourn	Motion: Miller Second: McColley To adjourn at 7:05 PM
Passed Yea-3 Nay-0	Roll call vote on above motion: Yea- Miller, McColley, Sheaffer Nay
Date	Travis Sheaffer, Chair





























DETERMINANTS

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	kWh				••• ••• ••		
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Commercial (G2):	2,104,232	17.3508%	\$111,999	a a seconda para		· .	
Large Power (G3):	4,051,253	33.4053%	\$215,631		- 	·	
Industrial (G4)	2,208,266	18 2086%	\$117,536	• • • • • • • • • • • • • • • • • • • •		·	
Total:	12,127,584	100.0000%	\$645,498	<- Verification	Total - Variation	s Due To Roun	Iding
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JV2 Joint Venture Rate (JV2 En JV5 Joint Venture Rate (JV5 En <u>Generation Charge:</u> Res./Interdept. (G1): Commercial (G2): Large Power (G3): Industrial (G4): <u>Demand Charge:</u> Large Power (D1): Industrial (D2): Total Billing & Unit Check:	<u>Costs</u> ity hergy Only) hergy Only) \$302,069 \$199,866 \$215,631 \$117,536 \$121,650 \$60,983 \$1,017,735	<u>Units</u> 3,763,833 2,104,232 4,051,253 2,208,266 9,222 4,198 12,127,584	CHARGED \$0.04030 \$0.04030 \$0.08026 \$0.09498 \$0.05323 \$0.05323 \$0.05323 \$13.19 \$14.53				
JV2 Joint Venture Rate (JV2 En JV5 Joint Venture Rate (JV5 En <u>Generation Charge:</u> Res./Interdept. (G1): Commercial (G2): Large Power (G3): Industrial (G4): <u>Demand Charge:</u> Large Power (D1): Industrial (D2): Total Billing & Unit Check: Verification of Billings & Units:	<u>Costs</u> ity hergy Only) hergy Only) \$302,069 \$199,866 \$215,631 \$117,536 \$121,650 \$60,983 \$1,017,735 \$1,017,735	Units 3,763,833 2,104,232 4,051,253 2,208,266 9,222 4,198 12,127,584 12,127,584	CHARGED \$0.04030 \$0.04030 \$0.08026 \$0.09498 \$0.05323 \$0.05323 \$0.05323 \$13.19 \$14.53 <i>Net Costs/kWh</i>				
JV2 Joint Venture Rate (JV2 En JV5 Joint Venture Rate (JV5 En Generation Charge: Res./Interdept. (G1): Commercial (G2): Large Power (G3): Industrial (G4): Demand Charge: Large Power (D1): Industrial (D2): Total Billing & Unit Check:	<u>Costs</u> ity hergy Only) hergy Only) \$302,069 \$199,866 \$215,631 \$117,536 \$121,650 \$60,983 \$1,017,735 \$1,017,735 \$1,017,735 \$1,017,735 \$1,017,735	Units 3,763,833 2,104,232 4,051,253 2,208,266 9,222 4,198 12,127,584 12,127,584 12,127,584 Month w/Credits:	CHARGED \$0.04030 \$0.04030 \$0.08026 \$0.09498 \$0.05323 \$0.05323 \$0.05323 \$13.19 \$14.53				

	MONTHLY BIL	LING DETERMINA	NIS			DE
NTS - JU	<u>NE, 2012</u>					
IATION AND RA	TE CALCULATI	ON		· · · · · · · · · · · · · · · · · · ·		
					i	
ION OF LISE BY						
		-	- x		-	· · · · ·
UNITS - PRIOR	MONTH'S DAT	A	~ ``			
30	APRIL, 2012		•			
21,349	<b>APRIL</b> , 2012		5.0 L			•
31	MAY, 2012					
G2. G3. & G4	kW D1 & D2)	· · · · · · · · · · · · · · · · · · ·	CITY ST	REET LIGHTS	S - kWh ALLOC	ATION
		Billed kVa	Light	Number of	Monthly kWh	Total kWh
and the second			· · · · · · · · · · · · · · · · · · ·			by Light Typ
				2		3
an an a' a state of a s	nam , mm - ma namnatin, - sīka	· · ·	70W	87		2,01
المتحدثة والمتحدة والمتحدة والمحدي والمحدي والمحدي والمحدي والمحد والمحد والمحد والمحد والمحد والمحد والمحد وال	0		100W	484	e e la companya de la	15,97
363,524	2,160		150W	58	e sense se s	2,87
480	17		157W	2		
1,693,907	6,386		250W	328	82.50	27,06
4,051,253	9,222	9,222	400W	104	132.00	13,72
2,208,266	4,198	4,198				
470,555	939		 		4	
		13 /20	· · · · · · · · · · · · ·	1 065	· • · · · · · · · · · · · · · · · · · ·	61 77
12,127,584	23,140	13,420 Street Light list	Revised Per Fl	1,065		
		13,420 Street Light list I	Revised Per Ele			
12,127,584 12,127,584	23,140	Street Light list I				61,77 1/2009.
12,127,584 12,127,584	23,140 23,140	Street Light list I				
12,127,584 12,127,584 12,127,584 AVERAGE A	23,140 23,140 AND EXCESS DE	Street Light list I			tendent on 12/2	· · · ·
12,127,584 12,127,584	23,140 23,140 AND EXCESS DE Monthly	Street Light list F		ectric Superint	tendent on 12/2 System	· · · ·
12,127,584 12,127,584 AVERAGE A Monthly	23,140 23,140 AND EXCESS DE	Street Light list F EMAND CALCUL Calculated or Actual	ATION	ectric Superint Allocated	tendent on 12/2 System kW Load	
12,127,584 12,127,584 AVERAGE A Monthly kWh Delivered	23,140 23,140 AND EXCESS DE Monthly Average Demand	Street Light list I EMAND CALCUL Calculated or Actual Maximum Demand	ATION Excess Demand	Allocated Excess Demand	System kW Load Delivered A & E	
12,127,584 12,127,584 AVERAGE A Monthly kWh Delivered 2,269,224	23,140 23,140 AND EXCESS DE Monthly Average Demand 3,152	Street Light list I EMAND CALCUL Calculated or Actual Maximum Demand 4,107	ATION Excess Demand 955	Allocated Excess Demand 350	System kW Load Delivered A & E 3,502	
12,127,584 12,127,584 AVERAGE A Monthly kWh Delivered 2,269,224 1,024,054	23,140 23,140 AND EXCESS DE Monthly Average Demand 3,152 1,422	Street Light list I EMAND CALCUL Calculated or Actual Maximum Demand 4,107 1,853	ATION Excess Demand 955 431	Allocated Excess Demand	System kW Load Delivered A & E 3,502	
12,127,584 12,127,584 AVERAGE A Monthly kWh Delivered 2,269,224 1,024,054 46,321	23,140 23,140 AND EXCESS DE Monthly Average Demand 3,152 1,422 64	Street Light list I EMAND CALCUL Calculated or Actual Maximum Demand 4,107 1,853 83	ATION Excess Demand 955 431 19	Allocated Excess Demand 350 158 7	System kW Load Delivered A & E 3,502 1,580 71	
12,127,584 12,127,584 AVERAGE A Monthly kWh Delivered 2,269,224 1,024,054 46,321 363,524	23,140 23,140 AND EXCESS DE Monthly Average Demand 3,152 1,422	Street Light list I EMAND CALCUL Calculated or Actual Maximum Demand 4,107 1,853	ATION Excess Demand 955 431	Allocated Excess Demand 350	<b>System</b> <b>kW Load</b> <b>Delivered</b> <b>A &amp; E</b> 3,502 1,580 71 1,112	
12,127,584 12,127,584 AVERAGE A Monthly kWh Delivered 2,269,224 1,024,054 46,321 363,524 480	23,140 23,140 AND EXCESS DE Monthly Average Demand 3,152 1,422 64 505 1	Street Light list I MAND CALCUL Calculated or Actual Maximum Demand 4,107 1,853 83 2,160 1	ATION Excess Demand 955 431 19 1,655 0	Allocated Excess Demand 350 158 7 607 0	<b>System</b> <b>kW Load</b> <b>Delivered</b> <b>A &amp; E</b> 3,502 1,580 71 1,112 1	
12,127,584 12,127,584 AVERAGE A Monthly kWh Delivered 2,269,224 1,024,054 46,321 363,524 480 1,693,907	23,140 23,140 23,140 AND EXCESS DE Monthly Average Demand 3,152 1,422 64 505 1 2,353	Street Light list I EMAND CALCUL Calculated or Actual Maximum Demand 4,107 1,853 83 2,160 1 6,386	ATION Excess Demand 955 431 19 1,655 0 4,033	Allocated Excess Demand 350 158 7 607 0 1,480	<b>System</b> <b>kW Load</b> <b>Delivered</b> <b>A &amp; E</b> 3,502 1,580 71 1,112 1 3,833	
12,127,584 12,127,584 AVERAGE A Monthly kWh Delivered 2,269,224 1,024,054 46,321 363,524 46,321 363,524 480 1,693,907 4,051,253	23,140 23,140 23,140 AND EXCESS DE Monthly Average Demand 3,152 1,422 64 505 1 2,353 5,627	Street Light list I MAND CALCUL Calculated or Actual Maximum Demand 4,107 1,853 83 2,160 1 6,386 9,222	ATION Excess Demand 955 431 19 1,655 0 4,033 3,595	Allocated Excess Demand 350 158 7 607 0 1,480 1,319	System kW Load Delivered A & E 3,502 1,580 71 1,112 1 3,833 6,946	
12,127,584 12,127,584 AVERAGE A Monthly kWh Delivered 2,269,224 1,024,054 46,321 363,524 480 1,693,907 4,051,253 2,208,266	23,140 23,140 23,140 AND EXCESS DE Monthly Average Demand 3,152 1,422 64 505 1 2,353 5,627 3,067	Street Light list I MAND CALCUL Calculated or Actual Maximum Demand 4,107 1,853 83 2,160 1 6,386 9,222 4,198	ATION Excess Demand 955 431 19 1,655 0 4,033 3,595 1,131	Allocated Excess Demand 350 158 7 607 0 1,480 1,319 415	System kW Load Delivered A & E 3,502 1,580 71 1,112 1 3,833 6,946 3,482	1/2009.
12,127,584 12,127,584 AVERAGE A Monthly kWh Delivered 2,269,224 1,024,054 46,321 363,524 480 1,693,907 4,051,253 2,208,266 470,555	23,140 23,140 23,140 AND EXCESS DE Monthly Average Demand 3,152 1,422 64 505 1 2,353 5,627 3,067 654	Street Light list I EMAND CALCUL Calculated or Actual Maximum Demand 4,107 1,853 83 2,160 1 6,386 9,222 4,198 852	ATION Excess Demand 955 431 19 1,655 0 4,033 3,595 1,131 198	Allocated Excess Demand 350 158 7 607 0 1,480 1,319 415 73	<b>System</b> <b>kW Load</b> <b>Delivered</b> <b>A &amp; E</b> 3,502 1,580 71 1,112 1 3,833 6,946 3,482 727	1/2009.
12,127,584 12,127,584 AVERAGE A Monthly kWh Delivered 2,269,224 1,024,054 46,321 363,524 46,321 363,524 480 1,693,907 4,051,253 2,208,266 470,555 12,127,584	23,140 23,140 23,140 AND EXCESS DE Monthly Average Demand 3,152 1,422 64 505 1 2,353 5,627 3,067 654 16,845	Street Light list I MAND CALCUL Calculated or Actual Maximum Demand 4,107 1,853 83 2,160 1 6,386 9,222 4,198 852 28,862	ATION Excess Demand 955 431 19 1,655 0 4,033 3,595 1,131 198 12,017	Allocated Excess Demand 350 158 7 607 0 1,480 1,319 415 73 4,409	<b>System</b> <b>kW Load</b> <b>Delivered</b> <b>A &amp; E</b> 3,502 1,580 71 1,112 1 3,833 6,946 3,482 727 21,253	1/2009.
12,127,584 12,127,584 AVERAGE A Monthly kWh Delivered 2,269,224 1,024,054 46,321 363,524 480 1,693,907 4,051,253 2,208,266 470,555 12,127,584 61,779	23,140 23,140 23,140 AND EXCESS DE Monthly Average Demand 3,152 1,422 64 505 1 2,353 5,627 3,067 654 16,845 86	Street Light list I MAND CALCUL Calculated or Actual Maximum Demand 4,107 1,853 83 2,160 1 6,386 9,222 4,198 852 28,862 112	ATION Excess Demand 955 431 19 1,655 0 4,033 3,595 1,131 198 12,017 26	Allocated Excess Demand 350 158 7 607 0 1,480 1,319 415 73 4,409 10	endent on 12/2 System kW Load Delivered A & E 3,502 1,580 71 1,112 1 3,833 6,946 3,482 727 21,253 96	1/2009.
12,127,584 12,127,584 AVERAGE A Monthly kWh Delivered 2,269,224 1,024,054 46,321 363,524 480 1,693,907 4,051,253 2,208,266 470,555 12,127,584 61,779 12,189,363	23,140 23,140 23,140 AND EXCESS DE Monthly Average Demand 3,152 1,422 64 505 1 2,353 5,627 3,067 654 16,845	Street Light list I MAND CALCUL Calculated or Actual Maximum Demand 4,107 1,853 83 2,160 1 6,386 9,222 4,198 852 28,862 112 28,974	ATION Excess Demand 955 431 19 1,655 0 4,033 3,595 1,131 198 12,017 26 12,043	Allocated Excess Demand 350 158 7 607 0 1,480 1,319 415 73 4,409 10 4,419	System kW Load Delivered A & E 3,502 1,580 71 1,112 1 3,833 6,946 3,482 727 21,253 96 21,349	1/2009.
	IATION AND RA ION OF USE BY UNITS - PRIOF 30 21,349 31 32, G3, & G4, kWh Sales 2,269,224 1,024,054 46,321 363,524 480 1,693,907 4,051,253	NTS         JUNE, 2012           IATION AND RATE CALCULATI           IATION AND RATE CALCULATI           ION OF USE BY CLASS           UNITS - PRIOR MONTH'S DAT.           30 APRIL, 2012           21,349 APRIL, 2012           31 MAY, 2012           31 MAY, 2012           S2, G3, & G4 ,- kW D1 & D2)           kWh Metered kW           Sales           Demand           2,269,224           0           1,024,054           2,269,224           0           362,524           2,269,224           0           363,524           2,180           46,321           0           363,524           2,160           480           17           1,693,907           6,386           4,051,253           9,222	NTS         JUNE, 2012           IATION AND RATE CALCULATION           ION OF USE BY CLASS           UNITS - PRIOR MONTH'S DATA           30         APRIL, 2012           21,349         APRIL, 2012           31         MAY, 2012           52, G3, & G4, - kW D1 & D2)         kWh           Metered kW         Billed kVa           Sales         Demand           2,269,224         0           1,024,054         218           46,321         0           363,524         2,160           480         17           1,693,907         6,386           4,051,253         9,222           9,222         9,222	NTS         JUNE, 2012           IATION AND RATE CALCULATION           ION OF USE BY CLASS           UNITS - PRIOR MONTH'S DATA           30         APRIL, 2012           21,349         APRIL, 2012           31         MAY, 2012           52, G3, & G4, - kW D1 & D2)         CITY S1           kWh         Metered kW         Billed kVa           2,269,224         0         52W           1,024,054         218         70W           46,321         0         100W           363,524         2,160         150W           480         17         157W           1,693,907         6,386         250W           4,051,253         9,222         9,222	NTS         JUNE, 2012           IATION AND RATE CALCULATION           ION OF USE BY CLASS           UNITS - PRIOR MONTH'S DATA           30         APRIL, 2012           21,349         APRIL, 2012           31         MAY, 2012           52, G3, & G4, - kW D1 & D2)         CITY STREET LIGHTS           kWh         Metered kW         Billed kVa           2,269,224         0         52W         2           1,024,054         218         52W         2           46,321         0         100W         484           363,524         2,160         58         150W         58           480         17         157W         2         250W         328           4,051,253         9,222         9,222         9,222         400W         104	IATION AND RATE CALCULATION         ION OF USE BY CLASS         UNITS - PRIOR MONTH'S DATA         30       APRIL, 2012         21,349       APRIL, 2012         31       MAY, 2012         CITY STREET LIGHTS - kWh ALLOC         kWh       Metered kW       Billed kVa         Sales       Demand       Demand       Type       Lights       Per Light         2,269,224       0       52W       2       17.16         1,024,054       218       70W       87       23.10         46,321       0       100W       484       33.00         363,524       2,160       150W       58       49.50         480       17       157W       2       51.81         1,693,907       6,386       250W       328       82.50         4,051,253       9,222       9,222       9,222       400W       104       132.00

ELECTRIC					BILLING D	ETERMINANTS	<u>з</u>			· · · · · ·		DETERMINANTS
ILLING DETERMINANTS	<u>s - JUNE</u>	<u>, 2012</u>					دېلار مرز مېشىنى دە دارى د					
NE, 2012									مر بر بر بر			
REVIOUS MONTH'S POWER BI	LLS - PURCH			R SUPPLY C	OST ALLOCAT	TIONS:						
4		DAYS IN	SYSTEM									EXCISE
DATA PERIOD	MONTH	MONTH	PEAK									TAX RATE
	APRIL, 2012	30	21,349									\$0 0498688
stem Data Month	MAY, 2012 GORSUCH &	31 AMP CT		PRAIRIE ST. & NWASG	FREEMONT	J-ARON						·. •
	EFF.SMART	CAP.& TRANS.	NYPA	NORTHERN	ENERGY	PP and	JV-2 PEAKING	- -	the second se	TRANSMISSION	Service Fees	
PURCHASED POWER-PROVIDER ->	SCHEDULED	SCHEDULED	SCHEDULED	POWER POOL	SCHEDULED	SALE	SCHEDULED	JV-5 HYDRO	WIND	CHARGES -	AMP Disp,A&B	707.0
Delivered kWh (On Peak) ->	7,204,346	8,705	586,809	1 725	2,196,168	288,000	<u>30HEDULED</u> 65	2.223,360	SCHEDULED 59,815	All Charges	Other Charges	TOTALS
Delivered kWh (Off Peak), or Losses ->	104,959	0,700	500,005	1,655,354	2,130,100	200,000	00	32,414	28,012			12,568,993
REDITS- Sale Excs &J Aron(Energy) ->	104,000			-1,880,775		-288,000		52,414		• •		1,792,727
Net Total Delivered kWh as Billed ->	7,309,305	8,705	586,809	-223,696	2,196,168	<u>•200,000</u>	65	2,255,774	59,815	 D		<u>-2,168,775</u> 12,192,945
Percent % of Total Power Purchased->	59.9470%	0.0714%	4.8127%	-1.8346%	18 01 18%	0 0000%	0.0005%	18 5006%	0 4906%	0 0000%	0.0000%	100 0000%
	05.547070	0.077470	5.012770	1.004078	10011070	000000	0.000378	10 3000 78	0 4300 %	00000/2	0.0000%	100 0000%
WER COSTS OF ENERGY, DEMAND, F	EACTIVE TAXES	FEES, CREDITS	ADJUSTMENT	S:				• • • • • • •	· · · · · ·	· · · · · · · · · ·	<del>.</del>	en e
lings Charges - Demand and Energy D								···· · · · · · · · · · · · · · · · · ·	· · · ·		· · · · · · · · · · · · +	· · · · · · · · · · ·
mand Chgs * DB +	\$189,566.00	\$23,069 04	\$5,645 09	\$50,307 36	\$25,787 25	\$0 00	\$311.51	\$12,132,53	\$1,358 21	SO 00/	\$0.00	\$308,176.99
mand Chgs * DB + Debt Srv., Capital (Al	\$0 00	\$0.00	\$0.00	and the second	\$42,687.40	\$0.00	\$0.00	\$64,509,82	\$3,531.00	a.e.,	\$0.00	\$110,728.22
mand Chgs * CR - AMP CT, Trans	-\$10,578 63	-\$4,724 07	\$0 00		\$0.00	\$0.00	-\$353 05	-\$1,981.73	-\$172.36		\$0.00	\$1,669.25
mand Chgs * CR - AMP CT, Capacity	-\$37,418 68	-\$23,489 70	-\$2,331.29	\$0.00	-\$660.45	\$0.00	-\$576.39	-\$7,009.76	-\$34.05		\$0.00	-\$71,520.32
ergy Chgs * DB + On Peak	\$351,082.19	\$0.00	\$6,264 22	\$84 83	\$69,153 13	\$12,502,37	\$1.96	\$48,670.97	\$0.00	4	\$0.00	\$491,368.14
ergy Chgs * DB + Off Pk,Eff Sm ,RPM Ci	\$38,168 43	\$0.00	\$0.00	\$66,693 76	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	والالحرار الرادر فاستعدر والعرار الالا	\$0.00	\$195,456.32
ergy Chgs * CR - NP Res , J Aron, RPM C	\$0.00	\$0.00	\$0.00	-\$57,194.00	\$0.00	-\$12,502.37	\$0.00	\$0.00	\$0.00		\$0.00	-\$81,210.03
llings - Adjustments, Service Fees & B	illing and Rate Ad	justments:								······································	4	· · · · · · · · · · · · · · · · · · ·
-Net Congstn , Loss & FTRs/Capcty. +	\$0.00	\$0.00	\$683.91	\$0.00	\$3,329 54	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,013.45
-Net Congstn., Loss & FTRs/Capcty	\$0.00	\$0.00	\$0.00	\$0,00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
rvice Fees AMP-Dispatch Center	\$0 00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
rvice Fees AMP-Part A, (Net of Adj.)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,597.12	\$1,597.12
ervice Fees AMP-Part B. (Net of Adj.)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,654 18	\$4,654.18
ervice Fees-Charges & Adjustments	\$0.00	\$0.00	-\$1,117 28	\$0.00	-\$898 22	\$0 00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$2,015.50
ther Billing Adjustments "+" or "-"	\$0.00	\$0.00	\$0.00	\$0 00	\$0.00	\$0.00	\$0.00	\$0.00	\$0 00	\$0.00	\$D 00	\$0.00
ity Rate Adj.in Cost of Power (1)				i	· · · · ·					1	\$60,000.00	\$60,000.00
								}				
DTAL COSTS TO ALLOCATE	\$530,819.31	-\$5,144.73	\$9,144.65	\$59,891.95	\$139,398.65	\$0.00	-\$615.97	\$116,321.83	\$4,682.80		\$66,251.30	\$1,022,917.82
											enfication Total - >	\$1,022,917.82
Purchased Power Cost per kWH->	\$0.072622	-\$0.591009	\$0.015584	-\$0.267738	\$0.063474	\$0.000000	-\$9.476462	\$0.051566	\$0.078288	where a subscription of the second second	\$0,000000	\$0.083894
a a a a a a a a a a a a a a a a a a a		l1		es	روب للمحمد الالدر	· · ·		a service and the service of services		WH) - JV2 Electric		\$0,040299
	C	· · · · · · · · · · · · · · · · · · ·	PS()							WH) - JV5 Electric	Service Rate - >	\$0.040299
OTE: (1) A Permanent \$60,000 Monthly	Cost of Power re	presenting a Five (	5%) Increase, a	s Approved by Co	ouncil in Ord.# 003	-08, passed 01/	07/2008, effective	billing March, 2	008.	÷		
TION COMPUTATION (P. Pill-1 P.					• • • •		لأعبد ديري ال					
ATIOS COMPUTATION (By Billed Dema		100.0000	24 50000		4D 644001	0.00003	100 04 000		100 00000	· · · · · · · · · · · · · · · · · · ·	A-AMP RATIO	B-CITY RATIO
emand Ratio	26 6698%	100 0000%	34.5980%	A	<ul> <li>A second sec second second sec</li></ul>	0 0000%	100.3182%	58 1584%	100.0000%	44 March Lange And Andreas	33 2893%	36.5751%
hergy Ratio	73.3302%	0.0000%	65.4020%		<u>50.4888%</u>	0.0000%	<u>-0.3182%</u>	41.8416%	0.0000%		<u>66.7107%</u>	<u>63 4249%</u>
enfication Total-Ratio's = 100.0000%	100 0000%	100.0000%	100 0000%	100 0000%	100.0000%	0 0000%	100 0000%	100 0000%	100.0000%	100 0000%	100 0000%	100 0000%
OST ALLOCATION TO SERVICE FEES				and ENERGY P	ATIONS		er e s	·			•	TOTALC
djNet Congestion, Losses & FTRs	C PICEINS AND R	THE REPORT AND A PARTY	C - DY DEMANUL		<u>eria s</u>			····. · ·		er e	•	TOTALS
mand Allocation based on Ratio	\$0 00	\$0.00	\$236 62	\$0.00	\$1,648.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1 8PE 10
nergy Allocation based on Ratio	\$0.00 \$0.00			* ***			· · · · · · · · · · · · · · · · · · ·			.*		\$1,885.12
enfication Total	\$0.00	\$0.00	\$683 91			<u>\$0 00</u> \$0 00		<u>\$0.00</u> \$0.00	\$0.00 \$0.00		<u>\$0.00</u> \$0.00	<u>\$2,128.33</u> \$4,013 45
rvice Fees-AMP Charges (Dispatch, P		<i>uu uu</i>			00,020.04			40.00	<i>a</i> 0.00	. 40.00	A-AMP RATIO	94,013 40
mand Allocation based on Ratio	\$0 00	\$0.00	so oc	. \$C 00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$2,081.01
mana Anocadori basca ori reado	\$0 OC		\$D.DC		A CONTRACTOR OF	\$0 DQ		\$0.00	\$0.00		*	\$4,170.29
			\$0 00			\$0.00		\$0 00	\$0 00			\$6,251 30
ergy Allocation based on Ratio	\$0.00			-								<ul> <li>1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.</li></ul>
ergy Allocation based on Ratio		stments					· ·		\$0.00	\$0.00	\$0.00	-\$831 28
nergy Allocation based on Ratio Venfication Total Prvice Fees-Charges & Adjustments &		· · · · ·	-\$386 56	\$0.00	-\$444 72	\$0.00	\$0.00	\$0.00			40.00	
nergy Allocation based on Ratio <i>ferification Total</i> ervice Fees-Charges & Adjustments & emand Allocation based on Ratio	Other Billing Adju	\$0.00	-\$386 56 <u>-\$730 72</u>	2 C		\$0.00 <u>\$0.00</u>		\$0.00 \$0.00	\$0.00 \$0.00			-\$1,184.22
ergy Allocation based on Ratio <i>fenfication Total</i> <i>ervice Fees-Charges &amp; Adjustments &amp;</i> mand Allocation based on Ratio rergy Allocation based on Ratio <i>fenfication Total</i>	Other Billing Adju \$0 00 <u>\$0 00</u> \$0 00	\$0.00 <u>\$0.00</u>		\$0.00	-\$453 50		\$0.00			) <u>\$0.00</u>	\$0.00	
nergy Allocation based on Ratio Venfication Total ervice Fees-Charges & Adjustments & emand Allocation based on Ratio nergy Allocation based on Ratio Venfication Total ity Rate Adjustment in Cost of Power (	O <u>ther Billing Adju</u> \$0 00 <u>\$0 00</u> \$0 00	\$0 00 <u>\$0 00</u> \$0 00	<u>-\$730 72</u> -\$1,117.28	<u>\$0.00</u> \$0.00	<u>-\$453 50</u> -\$898 22	<u>\$0.00</u> \$0.00	<u>\$0.00</u> \$0.00	<b>\$0</b> .00	\$0.00	) <u>\$0.00</u>	\$0.00	-\$1,184.22
nergy Allocation based on Ratio Verification Total ervice Fees-Charges & Adjustments & emand Allocation based on Ratio nergy Allocation based on Ratio Verification Total ity Rate Adjustment in Cost of Power ( emand Allocation based on Ratio	Other Billing Adiu \$0 00 \$0 00 \$0 00 1) \$0 00 \$0 00	\$0 00 \$0 00 \$0 00 \$0 00	<u>-\$730 72</u> -\$1,117.28 \$0.00	\$0.00 \$0.00 \$0.00	<u>-\$453 50</u> -\$898 22 \$0 00	<u>\$0.00</u> \$0.00 \$0.00	<u>\$0.00</u> \$0.00 \$0.00	<b>\$0</b> .00	\$0.00	<u>\$0.00</u> \$0.00	<u>\$0.00</u> \$0.00 <u>B-CITY RATIO</u>	-\$1,184.22
nergy Allocation based on Ratio Venfication Total ervice Fees-Charges & Adjustments & emand Allocation based on Ratio nergy Allocation based on Ratio Venfication Total ity Rate Adjustment in Cost of Power (	O <u>ther Billing Adju</u> \$0 00 <u>\$0 00</u> \$0 00	\$0 00 \$0 00 \$0 00 \$0 00 \$0 00 \$0 00	<u>-\$730 72</u> -\$1,117.28 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	<u>-\$453 50</u> -\$898 22 \$0 00 <u>\$0 00</u>	<u>\$0.00</u> \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	<u>\$0.00</u> \$0.00	<u>\$0.00</u> \$0.00	\$0.00         \$0.00           \$0.00         \$0.00           \$0.00         \$0.00           \$0.00         \$0.00	\$0.00 \$0.00 <u>B-CITY RATIO</u> \$21,945.06 <u>\$38,054.94</u>	<u>-\$1,184.22</u> -\$2,015.50

### BILLING DETERMINANTS

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## BILLING DETERMINANTS - JUNE, 2012

JUNE, 2012

## PREVIOUS MONTH'S POWER BILLS - PURCHASED POWER AND POWER SUPPLY COST ALLOCATIONS:

## Power Supply Cost Allocation Worksheet

		1		· · · · · · · · · · · · · · · · · · ·								
	Billing	Billing	Service Fees	Service Fees	Service Fees	Service Fees	City Rate	City Rate	τοτα	LS	Cost Verify Ch	eck (Rounded)
	Charges	Charges	AMP Chrgs.	AMP Chrgs.	Cng./Chs.&Adj.	Cng./Chs.&Adj.	Adjustment	Adjustment	Total	Total	\$1,017,735	\$1,017,735
Power Source	Demand	Energy	Demand	Energy	Demand	Energy	Demand	Energy	Demand	Energy	\$1,017,735	\$1,017,735
											Venfication Totals	Verification Totals
ORSUCH & EFF.SMART SCHEDULED	\$141,568	\$389,251	\$0	\$0	1	\$0	\$0	\$0	\$141,568	\$389,251	\$530,819	\$530,819
AMP CTCAP.& TRANS_SCHEDULED	-\$5,145	\$0	\$0	\$0		\$0	\$0	\$0	-\$5,145	\$0	-\$5,145	-\$5,145
NYPA SCHEDULED	\$3,314	\$6,264	\$0	\$0		-\$283	\$0		\$3,164	\$5,981	\$9,145	\$9,145
NWASG NORTHERN POWER POOL	\$50,307	\$9,585	\$0	\$0		\$0	\$0	\$0	\$50,307	\$9,585	\$59,892	\$59,892
FREEMONT ENERGY SCHEDULED	\$67,814	\$69,153		\$0		\$1,228	\$0	\$0	\$69,018	\$70,381	\$139,399	\$139,399
J-ARON PP and SALE	\$0	\$0		. \$0		S0.	SO	\$0	\$0	\$0	\$0	\$0
JV-2 PEAKING SCHEDULED	-\$618	\$2	\$0			<b>S</b> 0	\$0	\$0	-\$618	\$2	-\$616	-\$616
JV-5 HYDRO	\$67,651	\$48,671	\$0	\$0	\$0	\$0	\$0	\$0	\$67,651	\$48,671	\$116,322	\$116,322
JV-6 WIND SCHEDULED	\$4,683	\$0	\$0	\$0	SO	\$0	\$0	\$0	\$4,683	\$0	\$4,683	\$4,683
RANSMISSION CHARGES - All Charges	\$19,479	\$82,689	\$0	\$0	\$0	\$0	\$0	\$0	\$19,479	\$82,689	\$102,168	\$102,168
A - AMP Service Fees- Dispatch, A & B	\$0	\$0		\$4,170		\$0	\$0	\$0	\$2,081	\$4,170	\$6,251	\$6,251
B - City Rate Adjstmt + to Cost of Power	\$0	\$0	\$0	\$0	\$0	\$0	\$21,945	\$38,055	\$21,945	\$38,055	\$60,000	\$60,000
C - Outdoor Lght Credit Reconciliation	\$0	\$0	\$0	\$0	\$0	\$0	-\$1,896	-\$3,287	-\$1,896	-\$3,287	-\$5,183	-\$5,183
OTALS - ALL	\$349,053	\$605,615	\$2,081	\$4,170	\$1,054	\$945	\$20.049	\$34,768	\$372,237	\$645.498	\$1.017.735	\$1,017,735
		11/2 9 11/2 9	Convice Eccol	<u>.</u>		(			Demand	Energy		
A - AMP Service Fees - Ratio Allocation	n (Excluding JV2			Service Fees)			·				Verification Totals	Verification Totals
A - AMP Service Fees - Ratio Allocation otals - AMP All Billing Costs by Demand	n (Excluding JV2			Service Fees)		• • • • • • • • • • • • • • • • • • • •	·	· · · · · · · · · · · · · · · · · · ·	\$278,391	\$557,887	\$836,278	\$836,278
A - AMP Service Fees - Ratio Allocation fotals - AMP All Billing Costs by Demand	n (Excluding JV2			Service Fees)			· · · · · · · · · · · · · · · · · · ·				\$836,278	
A - AMP Service Fees - Ratio Allocation Totals - AMP All Billing Costs by Demand Ratios to Allocate AMP Service Fees	n (Excluding JV2 I and Energy (Exc	ludes: JV2, JV		Service Fees)		· · · · · · · · · · · · · · · · · · ·	·		\$278,391	\$557,887	\$836,278	\$836,278 100.0000%
A - AMP Service Fees - Ratio Allocation Totals - AMP All Billing Costs by Demand Ratios to Allocate AMP Service Fees B - City Rate Adjustment - Ratio Alloca	n (Excluding JV2 I and Energy (Exc I and To Total C	ludes: JV2, JV		Service Fees)		······································		· · · · · · · · · · · · · · · · · · ·	\$278,391 33,2893%	\$557,887 66.7107%	\$836,278 100.0000% <u>Verification Totals</u>	\$836,278 100.0000% Verification Totals
A - AMP Service Fees - Ratio Allocation otals - AMP All Billing Costs by Demand Ratios to Allocate AMP Service Fees B - City Rate Adjustment - Ratio Alloca Fotals - All Billing Costs both Demand an	n (Excluding JV2 I and Energy (Exc I and To Total C	ludes: JV2, JV		Service Fees)			· · · · · · · · · · · · · · · · · · ·		\$278,391	\$557,887	\$836,278 100.0000% <u>Verification Totals</u> \$962,918	\$836,278 100.0000%
A - AMP Service Fees - Ratio Allocation rotals - AMP All Billing Costs by Demand Ratios to Allocate AMP Service Fees B - City Rate Adjustment - Ratio Alloca rotals - All Billing Costs both Demand an	n (Excluding JV2 I and Energy (Exc I and To Total C	ludes: JV2, JV		Service Fees)					\$278,391 33,2893% \$352,188	\$557,887 66.7107% \$610,730	\$836,278 100.0000% <u>Verification Totals</u> \$962,918	\$836,278 100.0000% Verification Totals \$962,918
A - AMP Service Fees - Ratio Allocation Totals - AMP All Billing Costs by Demand Ratios to Allocate AMP Service Fees B - City Rate Adjustment - Ratio Allocate Totals - All Billing Costs both Demand an Ratios to Allocate City Rate Adjustment C - Outdoor Street Lights and Miscella	n (Excluding JV2 I and Energy (Exc ation (To Total C d Energy Ineou - Ratio Allo	ost of Power	5 & JV6, & AMP		ty Rate Adjustn				\$278,391 33,2893% \$352,188	\$557,887 66.7107% \$610,730	\$836,278 100.0000% <u>Verification Totals</u> \$962,918	\$836,278 100.0000% Verification Totals \$962,918
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A - AMP Service Fees - Ratio Allocation fotals - AMP All Billing Costs by Demand Ratios to Allocate AMP Service Fees B - City Rate Adjustment - Ratio Allocat fotals - All Billing Costs both Demand an Ratios to Allocate City Rate Adjustment C - Outdoor Street Lights and Miscella fotals - All Billing Costs both Demand an Ratios to Allocate City Rate Adjustment C - Outdoor Street Light Reconciliation Dutdoor Street Light Reconciliation Dutdoor Street Light Reconciliation Dutdoor Street Light Cost by Average Co Total Purchased Power Cost (Cost Per Total Outdoor Street Light KWh by Light Net Allocated - Security Street Light Correction Light Cost Street Light Cost Cost Cost Per Total Outdoor Street Light KWh by Light Net Allocated - Security Street Light Correction Light Correction C - Light C - Light Correction C - Light C - Ligh	n (Excluding JV2 I and Energy (Exc d Energy neou - Ratio Allo d Energy or Power Supply n Credit Comput ist of Power, kWh, on Page 3) Type (on Page 3) Type (on Page 3) redit ans (If Any)	ost of Power) ocation (To ALI Cost Allocatio	5 & JV6, & AMP	\$0.083894 \$0.083894 61,775 -\$5,182.85 \$0.00		ient)			\$278,391 33,2893% \$352,188 36,5751% \$374,133 36,5751% -\$1,896 \$0	\$557,887 66.7107% \$610,730 63.4249% \$648,785 63.4249% \$648,785 63.4249% -\$3,287 \$0	\$836,278 100.0000% Verification Totals \$962,918 100.0000% Verification Totals \$1,022,918 100.0000% Verification Totals -\$5,183 \$0	\$836,278 100.0000% Verification Totals \$962,918 100.0000% Verification Totals \$1.022,918 100.0000%



1111 Schrock Rd, Suite 100 COLUMBUS, OHIO 43229 PHONE: (614) 540-1111 FAX: (614) 540-1078

INVOICE NUMBER:	173023
INVOICE DATE:	5/11/2012
DUE DATE:	5/28/2012
TOTAL AMOUNT DUE:	\$819,901.41
CUSTOMER NUMBER:	5020
CUSTOMER P.O. #:	RG10046

\$819,901.41

City of Napoleon Gregory J. Heath, Finance Director 255 W. Riverview Ave., P.O. Box 151 Napoleon, Ohio 43545-0151

PLEASE WRITE INVOICE NUMBER ON REMITTANCE AND RETURN YELLOW INVOICE COPY, MAKE CHECK PAYABLE TO AMP.

Northern Power Pool Billing - April, 2012	2	
MUNICIPAL PEAK: TOTAL METERED ENERGY:	21,349 kW 12,247,852 kWh	

Total Power Charges:	\$711,482.09
Total Transmission Charges:	\$102,168.02
Total Other Charges:	\$6,251.30
Total Miscellaneous Charges:	\$0.00

## **GRAND TOTAL POWER INVOICE:**

\*\*The Total Charges on this invoice may include a credit paid to the Municipal for power supply which was invoiced separately and repurchased by AMP for use as a Northern Power Pool Resource.

## NOTE: PLEASE SEE ENCLOSED BACKUP FOR MORE DETAILED INFORMATION

\*\*\* To avoid a delayed payment charge, payment must be made to provide available funds for use by AMP on or before the due date.

Wire Transfer Information : Huntington National Bank Columbus, Ohio Account 0189-2204055 4BA: #044 000024

Mailing Address : AMP, Inc. Dept. L614 Columbus, Oh 43260

### BANK LOCK BOX DEPOSIT

BANK LOCK BOX DEPOSIT		AMOUNT
General Fund (010)	10	\$31,639.27
ECC (012)	12	0
3HGS (020)	20	540648.1905
AMPCT (025)	25	23069.04296
ESPP (016)	16	\$38,168.43
IV5 (065)	65	\$0.00
\FEC (004)	4	\$136,069.12
AMPGS (009)	9	\$0.00
2SEC (013)	13	\$50,307.36
Spare (000)	0	\$0.00
OTAL DEPOSIT		\$819,901.41

### DETAIL INFORMATION OF POWER CHARGES April , 2012 Napoleon

FOR THE MONTH OF:	April, 2012		Total Metered Load kWh: Transmission Losses kWh: Distribution Losses kWh:	12,247,85 -54,90	
			Total Energy Req. kWh:	12,192,94	
TIME OF FENTS PEAK: TIME OF MUNICIPAL PEAK: TRANSMISSION PEAK:	04/16/2012 @ H.E. 13:00 04/03/2012 @ H.E. 10:00 7/21/2011 HE 15:00 EST		COINCIDENT PEAK kW: MUNICIPAL PEAK kW: TRANSMISSION PEAK kW: PJM Capacity Requirement kW:	20,613 21,349 30,353 30,699	
Napoleon Resources					
AMP CT - Sched @ ATSI					
Demand Charge:	\$1.860407	/ kW *	12,400 kW =	\$23,069.0	
Energy Charge:	\$0.000000	/kWh*	8,705 kWh =	\$0.0	
Transmission Credit:	\$0.380973	/ kW *	-12,400 kW =	-\$4,724.0	
Capacity Credit:	\$2.270000 -\$0.591040	/ kW * / kWh *	-10,348 kW = 8,705 kWh =	-\$23,489.7 - <b>\$5,144.</b> 7	
Subtotal Fremont - sched @ Fremont	-\$0.591040	/ Күүп	0,703 KN11 =	-90,:44.7	
Demand Charge:	\$2.941400	/ kW *	8,767 kW =	\$25,787.2	
Energy Charge:	\$0.031488	/ kWh *	2,196,168 kWh =	\$69,153.1	
Net Congestion, Losses, FTR:	\$0.001516	/ kWh *		\$3,329.5	
Capacity Credit:	\$0.075333	/ kW *	-8,767 kW ==	-\$660.4	
Debt Service	\$1,222200	/ kW	8,767 kW	\$10,715.0	
Capital Improvements	\$0.246900	/ kW	8,767 kW	\$2,164.5	
Working Capital	\$3.400000	/ kW	8,767 kW	\$29,807.8	
Adjustment for prior month:				-\$898.2	
Subtotal	\$0.063474	/ kWh *	2,196,168 kWh =	\$139,398.6	
Prairie State - Sched @ Prairie State	<b>\$50,000</b>	11.141	2,488 kW	\$50,307.3	
Demand Charges Subtotal	\$20.220000 #N/A	/ kW / kWh *	0 kWh =	\$50,307.3	
JV2 - Sched @ ATSI	#1VA	/ 6970	V RHI -		
Demand Charge:			264 kW		
Energy Charge:	\$0.030022	/ kWh *	65 kWh =	\$1.9	
Transmission Credit:	\$1.337324	/ kW *	-264 kW =	-\$353.0	
Capacity Credit:	\$2.270000	/ kW *	-254 kW =	-\$576.3	
Subtotal	-\$14.195428	/ kWh *	65 kWh =	-\$927.4	
Gorsuch Losses - Sched @ ATSI					
Energy Charge:			104,959 kWh		
Subtotal	#N/A	/ kWh *	104,959 kWh =	\$0.0	
JV6 - Sched @ ATSI			300 kW		
Demand Charge:			59,815 kWh		
Energy Charge: Transmission Credit:	\$0.574525	/ kW *	-300 kW =	-\$172.3	
	\$2.270000	/ kW *	-15 kW =	-\$34.0	
Capacity Credit: Subtotal	-\$0.003451	/ kWh *	59,815 kWh =	-\$206.4	
J Aron (PP) - 7x24 @ AD(nc)					
Demand Charge:			400 kW		
Energy Charge:			288,000 kWh		
Subtotal	#N/A	/ kWh *	288,000 kWh =	\$0.0	
J Aron (Sale) - 7x24 @ AD(nc)					
Demand Charge:			-400 kW		
Energy Charge:	\$0.043411	/ kWh *	-288,000 kWh =	-\$12,502.3	
Subtotal	\$0.043411	/ kWh *	-288,000 kWh =	-\$12,502.3	
NYPA - Sched @ NYIS	AF (0000)	11341 +	1 007 1001	ÈE CAE O	
Demand Charge:	\$5,496681	/ kW *	1,027 kW =	\$5,645.0	
Energy Charge:	\$0.010675	/ kWh *	586,809 kWh =	\$6,264.23 \$683.9	
Net Congestion, Losses, FTR:	\$0.001165 \$2.270000	/ kWh * / kW *	-1,027 kW =	-\$2,331.2	
Capacity Credit: Adjustment for prior month:	\$2.270000	/ 5.44	-1,027 (11) -	-\$1,117.2	
Subtotal	\$0.015584	/ kWh *	586,809 kWh =	\$9,144.64	
IV5 - 7X24 @ ATSI				· · ·	
Demand Charge:			3,088 kW		
Energy Charge:			2,223,360 kWh		
Transmission Credit:	\$0.641752	/ kW *	-3,088 kW =	-\$1,981.7	
Capacity Credit:	\$2.270000	/ kW *	-3,088 kW =	-\$7,009.76	
Subtotal	-\$0.004044	/ kWh *	2,223,360 kWh =	-\$8,991.49	
IV5 Losses - Sched @ ATSI	· · ·				
Energy Charge:		(1)	32,414 kWh	A	
Subtotal	#N/A	/ kWh *	32,414 kWh =	\$0.00	
Gorsuch - Sched @ ATSI	*** #***	16:01 *	16.484 k₩ <i>=</i>	\$189,566.00	
Demand Charge:	\$11.500000	/ kW *	10,404 KVV =	00.000,e01¢	

### DETAIL INFORMATION OF POWER CHARGES April , 2012 Napoleon

Energy Charge:	\$0.048732	/ kWh *	7,204,346 kWh 📼	\$351,082.1
Transmission Credit:	\$0.641752	/ kW *	-16,484 kW =	-\$10,578.6
Capacity Credit:	\$2.270000	/ kW *	-16,484 kW =	-\$37,418.6
Subtotal	\$0.068382	/ kWh *	7,204,345 kWh =	\$492,650.8
EFFICIENCY SMART POWER PLANT				
ESPP charges @ \$3.095 /MWh x 147,987.5 MWh / 12				\$38,168.4
Subtotal				\$38,168.43
Northern Power Pool:				
On Peak Energy Charge: (M-F HE 08-23 EDT)	\$0.049184	/ kWh *	1,725 kWh =	\$84.8
Off Peak Energy Charge:	\$0.040290	/ kWh *	1,655,354 kWħ ≖	\$66,693.7
Sale of Excess Non-Pool Resources to Pool	\$0.030410	/ kWh *	-1,880,775 kWh =	-\$57,194.0
Subtotal	-\$0.042847	/ kWh *	-223,696 kWh =	\$9,584.6
Total Demand Charges:				\$247,731.9
Total Energy Charges:				\$463,750.1
Total Power Charges:			12,192,945 kWh	\$711,482.0
TRANSMISSION CHARGES:				
Demand Charge:	\$0.641752	/ kW *	30,353 kW =	\$19,479.09
Energy Charge:	\$0.001305	/ kWh *	2,765,239 kWh =	\$3,608.43
RPM (Capacity) Charges:	\$2.951000	/ kW *	30,699 kW =	\$90,594.13
RPM (Capacity) Credits (not listed above):	\$2.270000	/ kW *	-5,072 kW =	-\$11,513.66
TOTAL TRANSMISSION CHARGES:	\$0.036947	/ kWh *	2,765,239 kWh =	\$102,168.0
Service Fee Part A,				
Based on Annual Municipal Sales	\$0.000125	/ kWh *	153,323,113 kWh 1/12 =	\$1,597.12
Dased on Annual Municipal Dales				
Service Fee Part B.				
	\$0.000380	/kWh *	12,247,852 kWh =	\$4,654.18

## GRAND TOTAL POWER INVOICE:

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\$819,901.41

e	unday M 4/1/2012	4/2/2012	Tuesday 1 4/3/2012	Wednesday 4/4/2012	4/5/2012	<sup>1</sup> riday 4/6/2012	Saturday 4/7/2012	Sunday 4/8/2012							Sunday	
If .					4012072	4/0/2012	4///2012	4/0/2012	4/9/2012	4/10/2012	4/11/2012	4/12/2012	4/13/2012	4/14/2012	4/15/2012	
100	13,602	15,025	15,860	15,872	15,923	13,184	11,895	10,779	14,609	16,131	17,403	16,735	16,290	13,659	11,399	
200 300	13,271	14,955	15,795	15,736	15,955	13,000	11,531	10,442	14,598	16,139	17,270	16,525	16.075	13,291	11,008	
400	13,103 13,129	14,889	15,816	15,479	15,912	13,255	11,468	10,225	14,532	15,832	17,168	16,617	15,963	13,244	10,733	
500	13,637	15,288 16,121	16,171 17,076	15,788	16,295	13,610	11,569	10,274	15,415	16,378	17,402	17,111	16,450	13,248	10,803	
600	14,091	17,876	18,778	16,738 17,909	16,961	14,162	12,027	10,786	16,287	17,303	17,935	17,905	17,099	13,626	11,054	
700	14,519	19,071	19,967	18,972	18,255 19,055	15,048	12,799	11,385	17,668	18,873	19,463	19,418	18,853	14,362	11,602	
800	14,736	19,501	20,579	19,809	19,842	15,402 15,963	13,136 13,808	11,394	18,777	19,587	20,443	20,461	19,874	15,106	11,805	
900	15,014	20.026	21.048	19,970	20,219	16,380	14,549	11,686	19,631	19,960	20,820	20,662	20,277	15,805	12,356	
1000	15,028	20,457	21,349	19,953	20,481	16,430	14,549	12,192 12,375	20,124	20,689	20,792	20,804	20,230	16,873	12,881	
1100	15,036	20,209	20,723	19,893	20,509	16,318	14,138	12,375	20,540	21,156	21,192	21,037	20,102	17,247	13,260	
1200	14,970	20,082	20,419	19,812	20,348	15,795	13,950	12,071	20,613	21,161	20,694	20,702	20,112	17,000	13,396	
1300	14,760	20,082	20,364	20,093	20,203	15,396	13,666	11,503	20,467 20,165	20,899 20,862	20,409	20,708	19,984	16,612	13,434	
1400	14,870	19,893	20,028	19,743	19,727	15,134	13,280	11,314	19,848		20,260	20,465	19,858	16,094	13,490	
1500	14,822	18,890	19,252	19,140	19,174	14,786	13,033	11,406	19,848	20,792 20,423	19,532 19,057	19,951	19,451	15,731	13,625	
1600	15,023	18,514	18,862	18,791	18,804	14,481	12,846	11,572	18,991	20,423	19,057	19,416	18,929	15,068	13,947	
1700	15,072	18,143	18,322	18,511	18,299	14,324	12,743	11,685	18,584	20,474 20,281	19,374	19,158 18,580	18,855 18,082	14,822	14,403	
1800	15,519	17,999	18,165	18,551	17,955	14,249	12,662	11,798	18,628	20,201	19,070	18,580	18,082	14,979	14,662	
1900	15,849	17,979	18,218	18,311	17,713	13,888	12,541	13,040	18,495	20,386	18,929	18,461	17,670	14,801 14,866	14,636	
2000	16,848	19,110	19,504	19,424	18,898	14,885	13,741	14,340	19,376	20,904	19,572	19,415	18,553	14,866	14,638 15,837	
2100	16,537	19,057	19,113	19,301	19,018	15,036	14,029	15,161	19,194	20,436	19,444	19,627	18,566	15,221	15,998	
2200	16,022	17,985	17,781	18,226	17,213	14,359	13,300	14,974	17,967	19,315	18,317	18,481	17,247	14,316	15,789	
2300	15,573	16,895	16,841	17,023	14,585	13,214	12,060	15,251	16,951	18,246	17,374	17,317	15,404	12,606	16,122	
2400	15,274	16,228	16,324	16,401	13,635	12,329	11,274	14,983	16,301	17,766	16,911	16,691	14,102	11,817	15,986	
	356,305	434,275	446,355	439,446	421,344	350,628	310,718	293,006	437,032	464,467	457,967	454,759	435,792	356.027	322,864	
			Wednesday	Thursday	Friday	Saturday	Sunday	Monday								Tuesday
N	/londay 1 4/16/2012	Tuesday 4/17/2012	Wednesday 4/18/2012	Thursday 4/19/2012		Saturday 4/21/2012		Monday 4/23/2012	Tuesday	Wednesday			Saturday	Sunday	Monday	Tuesday 5/1
100					4/20/2012	4/21/2012	4/22/2012	4/23/2012	Tuesday 4/24/2012	Wednesday 4/25/2012	Thursday 4/26/2012	Friday 4/27/2012	Saturday 4/28/2012	Sunday 4/29/2012	Monday 4/30/2012	
	4/16/2012	4/17/2012	4/18/2012	4/19/2012	4/20/2012	4/21/2012 12,944	4/22/2012 11,994	4/23/2012 15,935	Tuesday 4/24/2012 16,142	Wednesday 4/25/2012 16,357	Thursday 4/26/2012 16,105	Friday 4/27/2012 16,031	Saturday 4/28/2012 12,733	Sunday 4/29/2012 12,588	Monday 4/30/2012 15,135	
100	4/16/2012	4/17/2012 15,829	4/18/2012	4/19/2012	4/20/2012 16,132 15,977	4/21/2012 12,944 12,662	4/22/2012 11,994 11,649	4/23/2012 15,935 16,244	Tuesday 4/24/2012 16,142 16,138	Wednesday 4/25/2012 16,357 16,271	Thursday 4/26/2012 16,105 15,972	Friday 4/27/2012 16,031 15,856	Saturday 4/28/2012 12,733 12,480	Sunday 4/29/2012 12,588 12,372	Monday 4/30/2012 15,135 15,150	
100 200 300 400	4/16/2012 15,672 15,656	4/17/2012 15,829 15,641	4/18/2012 16,178 16,015	4/19/2012 15,766 15,708	4/20/2012	4/21/2012 12,944	4/22/2012 11,994 11,649 11,691	4/23/2012 15,935 16,244 16,090	Tuesday 4/24/2012 16,142 16,138 15,973	Wednesday 4/25/2012 16,357 16,271 16,000	Thursday 4/26/2012 16,105 15,972 15,731	Friday 4/27/2012 16,031 15,856 15,870	Saturday 4/28/2012 12,733 12,480 12,253	Sunday 4/29/2012 12,588 12,372 12,148	Monday 4/30/2012 15,135 15,150 15,086	
100 200 300 400 500	4/16/2012 15,672 15,656 15,542 15,834 16,202	4/17/2012 15,829 15,641 15,550	4/18/2012 16,178 16,015 16,021	4/19/2012 15,766 15,708 15,508	4/20/2012 16,132 15,977 15,574	4/21/2012 12,944 12,662 12,358	4/22/2012 11,994 11,649	4/23/2012 15,935 16,244 16,090 16,552	Tuesday 4/24/2012 16,142 16,138 15,973 16,258	Wednesday 4/25/2012 16,357 16,271 16,000 16,450	Thursday 4/26/2012 16,105 15,972 15,731 16,141	Friday 4/27/2012 16,031 15,856 15,870 16,379	Saturday 4/28/2012 12,733 12,480 12,253 12,386	Sunday 4/29/2012 12,588 12,372 12,148 12,332	Monday 4/30/2012 15,135 15,150 15,086 15,880	
100 200 300 400 500 600	4/16/2012 15,672 15,656 15,542 15,834 16,202 17,768	4/17/2012 15,829 15,641 15,550 15,856 16,544 18,131	4/18/2012 16,178 16,015 16,021 16,416 17,037 18,514	4/19/2012 15,766 15,708 15,508 15,797 16,490 18,094	4/20/2012 16,132 15,977 15,574 15,618 16,161 17,232	4/21/2012 12,944 12,662 12,358 12,535	4/22/2012 11,994 11,649 11,691 11,714	4/23/2012 15,935 16,244 16,090	Tuesday 4/24/2012 16,142 16,138 15,973	Wednesday 4/25/2012 16,357 16,271 16,000 16,450 17,330	Thursday 4/26/2012 16,105 15,972 15,731 16,141 16,608	Friday 4/27/2012 16,031 15,856 15,870 16,379 17,040	Saturday 4/28/2012 12,733 12,480 12,253 12,386 12,930	Sunday 4/29/2012 12,588 12,372 12,148 12,332 12,523	Monday 4/30/2012 15,135 15,150 15,086 15,880 16,550	
100 200 300 400 500 600 700	4/16/2012 15,672 15,656 15,542 15,834 16,202 17,768 19,114	4/17/2012 15,829 15,641 15,550 15,856 16,544 18,131 19,303	4/18/2012 16,178 16,015 16,021 16,416 17,037 18,514 19,765	4/19/2012 15,766 15,708 15,508 15,797 16,490 18,094 19,352	4/20/2012 16,132 15,977 15,574 15,618 16,161 17,232 18,381	4/21/2012 12,944 12,662 12,358 12,535 12,936	4/22/2012 11,994 11,649 11,691 11,714 11,984	4/23/2012 15,935 16,244 16,090 16,552 17,586	Tuesday 4/24/2012 16,142 16,138 15,973 16,258 17,214	Wednesday 4/25/2012 16,357 16,271 16,000 16,450 17,330 18,558	Thursday 4/26/2012 16,105 15,972 15,731 16,141 16,608 18,122	Friday 4/27/2012 16,031 15,856 15,870 16,379 17,040 18,529	Saturday 4/28/2012 12,733 12,480 12,253 12,386 12,930 13,459	Sunday 4/29/2012 12,588 12,372 12,148 12,332 12,523 12,661	Monday 4/30/2012 15,135 15,150 15,086 15,880 16,550 17,973	
100 200 300 400 500 600 700 800	4/16/2012 15,672 15,656 15,542 15,834 16,202 17,768 19,114 19,728	4/17/2012 15,829 15,641 15,550 15,856 16,544 18,131 19,303 19,906	4/18/2012 16,178 16,015 16,021 16,416 17,037 18,514 19,765 20,194	4/19/2012 15,766 15,708 15,508 15,797 16,490 18,094 19,352 19,902	4/20/2012 16,132 15,977 15,574 15,618 16,161 17,232 18,381 19,451	4/21/2012 12,944 12,662 12,358 12,535 12,936 13,564 14,418 15,486	4/22/2012 11,994 11,649 11,691 11,714 11,984 12,973 12,867 13,532	4/23/2012 15,935 16,244 16,090 16,552 17,586 18,754	Tuesday 4/24/2012 16,138 15,973 16,258 17,214 18,839	Wednesday 4/25/2012 16,357 16,271 16,000 16,450 17,330	Thursday 4/26/2012 16,105 15,972 15,731 16,141 16,608	Friday 4/27/2012 16,031 15,856 15,870 16,379 17,040	Saturday 4/28/2012 12,733 12,480 12,253 12,386 12,930 13,459 13,932	Sunday 4/29/2012 12,588 12,372 12,148 12,332 12,523 12,661 13,193	Monday 4/30/2012 15,135 15,150 15,086 15,880 16,550 17,973 19,106	
100 200 300 400 500 600 700 800 900	4/16/2012 15,672 15,656 15,542 15,834 16,202 17,768 19,114 19,728 20,004	4/17/2012 15,829 15,641 15,550 15,856 16,544 18,131 19,303 19,906 20,121	4/18/2012 16,178 16,015 16,021 16,416 17,037 18,514 19,765 20,194 20,398	4/19/2012 15,766 15,708 15,508 15,797 16,490 18,094 19,352 19,902 20,116	4/20/2012 16,132 15,977 15,574 15,618 16,161 17,232 18,381 19,451 20,071	4/21/2012 12,944 12,662 12,358 12,535 12,936 13,564 14,418 15,486 16,157	4/22/2012 11,994 11,649 11,651 11,714 11,984 12,373 12,867 13,532 13,890	4/23/2012 15,935 16,244 16,090 16,552 17,586 18,754 20,244 20,687 20,899	Tuesday 4/24/2012 16,142 16,138 15,973 16,258 17,214 18,839 19,613 20,188 20,363	Wednesday 4/25/2012 16,357 16,271 16,000 16,450 17,330 18,558 19,613	Thursday 4/26/2012 16,105 15,972 15,731 16,141 16,608 18,122 19,407	Friday 4/27/2012 16,031 15,856 15,870 16,379 17,040 18,529 19,362	Saturday 4/28/2012 12,733 12,480 12,253 12,386 12,930 13,459	Sunday 4/29/2012 12,588 12,372 12,148 12,332 12,523 12,661	Monday 4/30/2012 15,135 15,150 15,086 15,880 16,550 17,973 19,106 19,658	
100 200 300 400 500 600 700 800 900 1000	4/16/2012 15,672 15,656 15,542 15,834 16,202 17,768 19,114 19,728 20,004 20,463	4/17/2012 15,829 15,641 15,550 15,856 16,544 18,131 19,303 19,906 20,121 20,381	4/18/2012 16,178 16,015 16,021 16,416 17,037 18,514 19,765 20,194 20,398 20,795	4/19/2012 15,766 15,708 15,508 15,508 15,797 16,490 18,094 19,352 19,902 20,116 20,448	4/20/2012 16,132 15,977 15,574 15,618 16,161 17,232 18,381 19,451 20,071 20,680	4/21/2012 12,944 12,662 12,358 12,535 12,936 13,564 14,418 15,486 16,157 16,482	4/22/2012 11,994 11,649 11,691 11,714 12,967 13,532 13,890 14,133	4/23/2012 15,935 16,244 16,090 16,552 17,586 18,754 20,244 20,687 20,899 21,188	Tuesday 4/24/2012 16,142 16,138 15,973 16,258 17,214 18,839 19,613 20,188 20,363 20,713	Wednesday 4/25/2012 16,357 16,271 16,000 16,450 17,330 18,558 19,613 19,991 20,240 20,281	Thursday 4/26/2012 16,105 15,972 15,731 16,141 16,608 18,122 19,407 20,090	Friday 4/27/2012 16,031 15,856 15,870 16,379 17,040 18,529 19,362 19,755	Saturday 4/28/2012 12,733 12,480 12,253 12,386 12,930 13,459 13,932 14,801	Sunday 4/29/2012 12,588 12,372 12,148 12,332 12,523 12,661 13,193 13,700	Monday 4/30/2012 15,135 15,150 15,086 15,880 16,550 17,973 19,106	
100 200 300 400 500 600 700 800 900 1000 1100	4/16/2012 15,672 15,656 15,542 15,834 16,202 17,768 19,114 19,728 20,004 20,463 20,667	4/17/2012 15,829 15,641 15,550 15,856 16,544 18,131 19,303 19,906 20,121 20,381 20,288	4/18/2012 16,178 16,015 16,021 16,416 17,037 18,514 19,765 20,194 20,398 20,795 20,415	4/19/2012 15,766 15,708 15,508 15,797 16,490 18,094 19,352 19,902 20,116 20,448 20,344	4/20/2012 16,132 15,977 15,574 15,618 16,161 17,232 18,381 19,451 20,071 20,660 20,633	4/21/2012 12,944 12,662 12,358 12,535 13,564 14,418 15,486 16,157 16,482 16,405	4/22/2012 11,994 11,649 11,611 11,714 12,373 12,867 13,532 13,890 14,133 14,133	4/23/2012 15,935 16,244 16,090 16,552 17,586 18,754 20,244 20,687 20,899 21,188 21,249	Tuesday 4/24/2012 16,142 16,138 15,973 16,258 17,214 18,839 19,613 20,188 20,363 20,713 20,587	Wednesday 4/25/2012 16,357 16,271 16,000 16,450 17,330 18,558 19,613 19,991 20,240 20,281 20,353	Thursday 4/26/2012 16,105 15,972 15,731 16,141 16,608 18,122 19,407 20,090 20,481	Friday 4/27/2012 16,031 15,856 15,870 17,040 18,529 19,362 19,755 20,093	Saturday 4/28/2012 12,733 12,460 12,253 12,386 12,930 13,459 13,932 14,801 15,482	Sunday 4/29/2012 12,588 12,372 12,148 12,332 12,523 12,661 13,193 13,700 13,977	Monday 4/30/2012 15,135 15,150 15,086 15,880 16,550 17,973 19,106 19,658 20,131	
100 200 300 400 500 600 700 800 900 1000 1100 1200	4/16/2012 15,672 15,666 15,542 15,834 16,202 17,768 19,114 19,728 20,004 20,463 20,667 20,080	4/17/2012 15,829 15,641 15,550 15,855 16,544 18,131 19,303 19,906 20,121 20,381 20,288 20,230	4/18/2012 16,178 16,015 16,021 16,416 17,037 18,514 19,765 20,194 20,398 20,795 20,415 20,541	4/19/2012 15,766 15,708 15,508 15,797 16,490 18,094 19,352 19,902 20,116 20,448 20,344 20,272	4/20/2012 16,132 15,977 15,574 15,618 16,161 17,232 18,381 19,451 20,071 20,680 20,633 20,522	4/21/2012 12,944 12,662 12,535 12,535 13,564 13,564 14,418 15,486 16,157 16,482 16,405 16,049	4/22/2012 11,994 11,649 11,611 11,714 11,984 12,973 12,867 13,532 13,890 14,133 14,133 14,184 14,400	4/23/2012 15,935 16,244 16,090 16,552 17,586 18,754 20,244 20,687 20,899 21,188 21,249 21,297	Tuesday 4/24/2012 16,142 16,138 15,973 16,258 17,214 18,839 19,613 20,188 20,363 20,718 20,587 20,734	Wednesday 4/25/2012 16,357 16,271 16,000 16,450 17,330 18,558 19,613 19,991 20,240 20,281 20,353 20,354	Thursday 4/26/2012 16,105 15,972 15,731 16,141 16,608 18,122 19,407 20,090 20,481 20,773 20,587 20,514	Friday 4/27/2012 16,031 15,856 15,870 16,379 17,040 18,529 19,362 19,755 20,093 20,471	Saturday 4/28/2012 12,733 12,480 12,253 12,386 12,930 13,459 13,932 14,801 15,482 16,201	Sunday 4/29/2012 12,588 12,372 12,148 12,523 12,523 12,661 13,193 13,700 13,977 14,036	Monday 4/30/2012 15,135 15,150 15,086 15,880 16,550 17,973 19,106 19,658 20,131 20,740	
100 200 300 400 500 600 700 800 900 1000 1100 1200 1300	4/16/2012 15,672 15,656 15,542 15,834 16,202 17,768 19,114 19,728 20,004 20,463 20,663 20,667 20,060 20,613	4/17/2012 15,829 15,641 15,550 15,856 16,544 18,131 19,303 19,906 20,121 20,381 20,288 20,230 20,169	4/18/2012 16,178 16,015 16,021 16,416 17,037 18,514 19,765 20,194 20,398 20,795 20,415 20,541 20,769	4/19/2012 15,766 15,708 15,509 16,490 18,094 19,352 19,902 20,116 20,448 20,344 20,272 20,664	4/20/2012 16,132 15,977 15,574 15,618 16,161 17,232 18,381 19,451 20,071 20,680 20,633 20,522 20,602	4/21/2012 12,944 12,662 12,358 12,936 13,564 14,418 15,486 16,157 16,482 16,405 16,049 15,665	4/22/2012 11,994 11,649 11,691 11,714 11,984 12,373 12,867 13,532 13,890 14,133 14,184 14,400 14,418	4/23/2012 15,935 16,244 16,090 16,552 17,586 18,754 20,687 20,899 21,188 21,249 21,297 20,977	Tuesday 4/24/2012 16,142 16,138 15,973 16,258 17,214 18,839 19,613 20,188 20,363 20,713 20,587 20,734 20,656	Wednesday 4/25/2012 16,357 16,271 16,000 16,450 17,330 18,558 19,613 19,991 20,240 20,281 20,354 20,354 20,354	Thursday 4/26/2012 16,105 15,972 15,731 16,141 16,608 18,122 19,407 20,090 20,481 20,773 20,587 20,514 20,386	Friday 4/27/2012 16,031 15,856 15,870 17,040 18,529 19,362 19,755 20,093 20,471 20,055 19,698 19,606	Saturday 4/28/2012 12,733 12,460 12,253 12,386 12,930 13,459 13,932 14,801 15,482 16,201 16,512 16,054	Sunday 4/29/2012 12,588 12,372 12,148 12,322 12,523 12,661 13,193 13,700 13,977 14,036	Monday 4/30/2012 15,135 15,150 15,086 15,880 16,550 17,973 19,106 19,658 20,131 20,740 20,626	
100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400	4/16/2012 15,672 15,656 15,542 15,834 16,202 17,768 19,114 19,728 20,004 20,463 20,667 20,080 20,613 20,370	4/17/2012 15,829 15,641 15,550 15,556 16,544 18,131 19,303 19,906 20,121 20,381 20,288 20,230 20,169 19,885	4/18/2012 16,178 16,015 16,021 16,416 17,037 18,514 19,765 20,194 20,398 20,795 20,415 20,541 20,769 20,538	4/19/2012 15,766 15,708 15,508 15,797 16,490 18,094 19,352 19,902 20,116 20,448 20,344 20,272 20,664 20,874	4/20/2012 16,132 15,977 15,574 15,618 16,161 17,232 18,381 19,451 20,071 20,680 20,633 20,522 20,602 20,322	4/21/2012 12,944 12,662 12,358 12,535 12,936 13,564 14,418 15,486 16,157 16,482 16,405 16,049 15,665 15,268	4/22/2012 11,994 11,649 11,691 11,714 11,984 12,373 12,867 13,532 13,890 14,133 14,184 14,400 14,418 14,476	4/23/2012 15,935 16,244 16,090 16,552 17,586 18,754 20,244 20,899 21,188 21,249 21,297 20,977 20,771	Tuesday 4/24/2012 16,142 16,138 15,973 16,258 17,214 18,839 19,613 20,188 20,363 20,713 20,587 20,656 20,425	Wednesday 4/25/2012 16,357 16,271 16,000 16,450 17,330 18,558 19,613 19,991 20,240 20,281 20,353 20,353 20,311 19,867	Thursday 4/26/2012 16,105 15,972 15,731 16,141 16,608 18,122 19,407 20,990 20,481 20,773 20,587 20,514 20,386 19,897	Friday 4/27/2012 16,031 15,856 15,870 16,379 17,040 18,529 19,362 19,755 20,093 20,471 20,055 19,698 19,606 19,076	Saturday 4/28/2012 12,733 12,480 12,253 12,386 12,930 13,459 13,932 14,801 15,482 16,201 16,512 16,054	Sunday 4/29/2012 12,588 12,372 12,148 12,332 12,523 12,661 13,193 13,700 13,977 14,036 14,031 14,118	Monday 4/30/2012 15,135 15,150 15,086 15,880 16,550 17,973 19,106 19,658 20,131 20,740 20,626 20,558	
100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500	4/16/2012 15,672 15,656 15,542 15,834 16,202 17,768 19,114 19,728 20,004 20,463 20,667 20,080 20,613 20,370 19,542	4/17/2012 15,829 15,641 15,550 15,856 16,544 18,131 19,303 19,906 20,121 20,381 20,288 20,230 20,169 19,885 19,465	4/18/2012 16,178 16,015 16,021 16,416 17,037 18,514 19,765 20,194 20,398 20,795 20,415 20,538 19,949	4/19/2012 15,766 15,708 15,508 15,797 16,490 18,094 19,352 19,902 20,116 20,448 20,344 20,272 20,664 20,874 20,874 20,271	4/20/2012 16,132 15,977 15,574 15,618 16,161 17,232 18,381 19,451 20,071 20,680 20,633 20,522 20,602 20,322 19,533	4/21/2012 12,944 12,662 12,358 12,535 13,564 14,418 15,486 16,157 16,482 16,405 16,049 15,665 15,268 14,771	4/22/2012 11,994 11,649 11,691 11,714 12,373 12,867 13,532 13,890 14,133 14,184 14,400 14,418 14,476 14,498	4/23/2012 15,935 16,244 16,090 16,552 17,586 18,754 20,244 20,687 20,899 21,188 21,249 21,297 20,977 20,701 19,896	Tuesday 4/24/2012 16,142 16,138 15,973 16,258 17,214 18,839 19,613 20,188 20,363 20,713 20,587 20,734 20,687 20,734 20,685 19,663	Wednesday 4/25/2012 16,357 16,271 16,000 16,450 17,330 18,558 19,613 19,991 20,240 20,281 20,353 20,354 20,354 20,313	Thursday 4/26/2012 16,105 15,972 15,731 16,141 16,608 18,122 19,407 20,090 20,481 20,773 20,587 20,514 20,384 19,897 19,468	Friday 4/27/2012 16,031 15,856 15,870 16,379 17,040 18,529 19,755 20,093 20,471 20,055 19,698 19,606 19,076 18,324	Saturday 4/28/2012 12,733 12,480 12,253 12,386 12,930 13,459 13,932 14,801 15,482 16,201 16,512 16,054 15,876 15,582 15,026	Sunday 4/29/2012 12,588 12,372 12,148 12,332 12,523 12,661 13,193 13,977 14,036 14,031 14,118 13,933	Monday 4/30/2012 15,135 15,150 15,086 15,880 16,550 17,973 19,106 19,658 20,131 20,740 20,626 20,558 20,583	
100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600	4/16/2012 15,672 15,656 15,542 15,834 16,202 17,768 19,114 19,728 20,004 20,463 20,663 20,663 20,613 20,050 20,613 20,370 19,542 19,463	4/17/2012 15,829 15,641 15,550 15,856 16,544 18,131 19,303 19,906 20,121 20,381 20,288 20,230 20,169 19,865 19,465 19,085	4/18/2012 16,178 16,015 16,021 16,416 17,037 18,514 19,765 20,194 20,398 20,795 20,415 20,541 20,564 19,949 19,477	4/19/2012 15,766 15,708 15,508 15,797 16,490 18,094 19,352 20,116 20,444 20,272 20,664 20,874 20,271 20,258	4/20/2012 16,132 15,977 15,574 15,618 16,161 17,232 18,381 19,451 20,071 20,680 20,633 20,522 20,602 20,602 20,622 20,622 19,533 19,120	4/21/2012 12,944 12,662 12,558 12,936 13,564 14,418 15,486 16,157 16,482 16,405 16,049 15,665 15,268 14,771 14,691	4/22/2012 11,994 11,649 11,691 11,714 11,984 12,373 12,867 13,532 13,890 14,133 14,183 14,184 14,400 14,418 14,476 14,498 14,793	4/23/2012 15,935 16,244 16,090 16,552 17,586 18,754 20,899 21,188 21,249 21,297 20,977 20,977 20,977 19,896 19,515	Tuesday 4/24/2012 16,142 15,973 16,258 17,214 18,839 19,613 20,188 20,363 20,713 20,587 20,734 20,656 20,425 19,663 19,573	Wednesday 4/25/2012 16,357 16,271 16,000 16,450 17,330 18,558 19,613 19,991 20,240 20,281 20,353 20,354 20,354 20,351 19,867	Thursday 4/26/2012 16,105 15,972 15,731 16,141 16,608 18,122 19,407 20,090 20,481 20,773 20,587 20,514 20,514 20,386 19,897 19,468 19,223	Friday 4/27/2012 16,031 15,850 15,870 17,040 18,529 19,362 19,755 20,093 20,471 20,055 19,698 19,696 19,076 18,324 17,839	Saturday 4/28/2012 12,733 12,480 12,253 12,386 12,930 13,459 13,932 14,801 15,482 16,201 16,512 16,054 15,876 15,582 15,026 14,782	Sunday 4/29/2012 12,588 12,372 12,148 12,332 12,523 12,661 13,193 13,977 14,036 14,031 14,011 14,118 13,933 13,674 14,212	Monday 4/30/2012 15,135 15,150 15,086 15,880 16,550 17,973 19,106 19,658 20,131 20,740 20,626 20,558 20,558 20,558 20,558 20,558 20,558 19,954	
100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1500 1500	4/16/2012 15,672 15,656 15,542 15,834 16,202 17,768 19,114 19,728 20,004 20,463 20,667 20,067	4/17/2012 15,829 15,641 15,550 15,856 16,544 18,131 19,906 20,121 20,381 20,288 20,230 20,169 19,885 19,465 19,085 19,085 19,798	4/18/2012 16,178 16,015 16,021 16,416 17,037 18,514 19,765 20,194 20,398 20,795 20,415 20,541 20,541 20,769 20,538 19,949 19,477 18,906	4/19/2012 15,766 15,708 15,508 15,797 16,490 18,094 19,352 19,902 20,116 20,448 20,344 20,272 20,664 20,874 20,274 20,268 19,542	4/20/2012 16,132 15,977 15,574 15,618 16,161 17,232 18,381 19,451 20,071 20,680 20,633 20,522 20,602 20,322 19,533 19,120 18,611	4/21/2012 12,944 12,662 12,358 12,936 13,564 14,418 15,486 16,157 16,482 16,405 16,049 15,665 15,268 14,771 14,691 14,592	4/22/2012 11,994 11,649 11,691 11,714 11,984 12,373 12,867 13,532 13,890 14,133 14,184 14,400 14,418 14,476 14,498 14,793 14,824	4/23/2012 15,935 16,244 16,090 16,552 17,586 18,754 20,899 21,188 21,249 21,297 20,977 20,977 20,977 19,896 19,515 19,075	Tuesday 4/24/2012 16,142 16,138 15,973 16,258 17,214 18,839 19,613 20,188 20,363 20,713 20,587 20,734 20,656 20,425 19,663 19,573 19,114	Wednesday 4/25/2012 16,357 16,271 16,000 16,450 17,330 18,558 19,613 19,991 20,240 20,281 20,354 20,354 20,354 20,351 19,867 19,313 19,571 19,375	Thursday 4/26/2012 16,105 15,972 15,731 16,141 16,608 18,122 19,407 20,090 20,481 20,773 20,587 20,514 20,584 19,468 19,468 19,223 18,837	Friday 4/27/2012 16,031 15,856 15,870 16,379 17,040 18,829 19,362 19,755 20,033 20,471 20,055 19,698 19,606 19,076 18,324 17,939 17,635	Saturday 4/28/2012 12,733 12,460 12,253 12,386 12,930 13,459 13,932 14,801 16,512 16,054 15,876 15,582 15,052 15,052 15,052 15,052	Sunday 4/29/2012 12,588 12,372 12,148 12,332 12,661 13,193 13,700 13,977 14,036 14,031 14,018 13,933 13,674 13,869 14,212 14,347	Monday 4/30/2012 15,135 15,150 15,880 16,550 17,973 19,106 19,658 20,131 20,740 20,626 20,558	
100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800	4/16/2012 15,672 15,656 15,542 15,834 16,202 17,768 19,114 19,728 20,004 20,463 20,667 20,080 20,613 20,370 19,542 19,463 18,994 18,766	4/17/2012 15,829 15,641 15,550 16,544 18,131 19,303 19,906 20,121 20,381 20,288 20,230 20,169 19,885 19,465 19,085	4/18/2012 16,178 16,015 16,021 16,416 17,037 18,514 19,765 20,194 20,398 20,795 20,415 20,541 20,769 20,538 19,949 19,477 18,906 18,650	4/19/2012 15,766 15,708 15,508 15,797 16,490 18,094 19,352 19,902 20,116 20,448 20,344 20,272 20,664 20,874 20,271 20,258 19,542 19,150	4/20/2012 16,132 15,977 15,574 15,618 16,161 17,232 18,381 19,451 20,071 20,680 20,633 20,522 20,602 20,322 19,533 19,120 18,611 18,510	4/21/2012 12,944 12,662 12,358 12,535 12,936 13,564 14,418 15,486 16,157 16,482 16,405 16,645 15,268 14,771 14,691 14,592 14,220	4/22/2012 11,994 11,649 11,691 11,714 11,984 12,373 12,867 13,532 13,890 14,133 14,184 14,400 14,418 14,476 14,498 14,793 14,824 15,025	4/23/2012 15,935 16,244 16,090 16,552 17,586 18,754 20,244 20,687 20,899 21,188 21,249 21,297 20,977 20,977 20,701 19,896 19,515 19,075 18,791	Tuesday 4/24/2012 16,142 16,138 15,973 16,258 17,214 18,839 19,613 20,188 20,363 20,713 20,587 20,734 20,656 20,425 19,663 19,573 19,114 18,702	Wednesday 4/25/2012 16,357 16,271 16,000 16,450 17,330 18,558 19,613 19,991 20,240 20,281 20,353 20,353 20,351 19,867 19,313 19,571 19,375	Thursday 4/26/2012 16,105 15,972 15,731 16,141 16,608 18,122 19,407 20,090 20,481 20,773 20,587 20,514 20,386 19,897 19,468 19,223 18,837 18,542	Friday 4/27/2012 16,031 15,856 15,870 16,379 17,040 18,529 19,755 20,093 20,471 20,055 19,698 19,606 19,076 18,324 17,539 17,635 17,200	Saturday 4/28/2012 12,733 12,480 12,253 12,386 12,930 13,459 13,932 14,801 15,482 16,201 16,512 16,054 15,582 15,026 14,782 14,803 14,550	Sunday 4/29/2012 12,588 12,372 12,148 12,322 12,523 12,661 13,193 13,700 13,977 14,036 14,031 14,011 14,118 13,933 13,674 13,869 14,212 14,347 14,489	Monday 4/30/2012 15,135 15,150 15,086 15,880 16,550 17,973 19,106 19,658 20,131 20,740 20,626 20,583 20,583 20,583 20,506 19,954 19,528 19,528	
100 200 300 400 500 600 700 800 900 1000 1200 1300 1400 1500 1600 1800 1800	4/16/2012 15,672 15,656 15,542 15,834 16,202 17,768 19,114 19,728 20,004 20,613 20,667 20,080 20,613 20,677 20,080 20,613 20,370 19,542 19,463 18,994 18,766 18,396	4/17/2012 15,829 15,641 15,550 15,856 16,544 18,131 19,303 19,906 20,121 20,381 20,288 20,230 20,169 19,885 19,465 19,085 18,798 18,602	4/18/2012 16,178 16,015 16,021 16,416 17,037 18,514 19,765 20,194 20,398 20,795 20,415 20,541 20,568 19,949 19,477 18,906 18,650 18,513	4/19/2012 15,766 15,708 15,508 15,797 16,490 18,094 19,352 20,116 20,444 20,272 20,664 20,874 20,271 20,258 19,542 19,542 19,150 18,863	4/20/2012 16,132 15,977 15,574 15,618 16,161 17,232 18,381 19,451 20,071 20,680 20,633 20,522 20,602 20,633 20,522 20,602 19,533 19,120 18,611 18,510 18,510 18,027	4/21/2012 12,944 12,662 12,558 12,936 13,564 14,418 15,486 16,157 16,482 16,405 15,068 14,771 14,691 14,592 14,292 13,964	4/22/2012 11,994 11,649 11,611 11,714 11,984 12,373 12,867 13,532 13,890 14,133 14,133 14,184 14,400 14,418 14,476 14,498 14,793 14,824 15,025 15,295	4/23/2012 15,935 16,244 16,090 16,552 17,586 18,754 20,244 20,687 20,899 21,188 21,249 21,297 20,977 20,701 19,896 19,515 19,075 18,791 18,574	Tuesday 4/24/2012 16,142 16,138 15,973 16,258 17,214 18,839 19,613 20,188 20,363 20,713 20,713 20,587 20,734 20,656 20,425 19,663 19,573 19,114 18,702 18,472	Wednesday 4/25/2012 16,357 16,271 16,000 16,450 17,330 18,558 19,613 19,991 20,240 20,281 20,353 20,354 20,353 20,354 20,354 20,351 19,867 19,313 19,571 19,375 19,359 19,202	Thursday 4/26/2012 16,105 15,972 15,731 16,141 16,608 18,122 19,407 20,090 20,481 20,773 20,587 20,514 20,386 19,897 19,468 19,223 18,637 18,542 18,542 18,542	Friday 4/27/2012 16,031 15,850 16,379 17,040 18,529 19,362 19,755 20,093 20,471 20,055 19,698 19,606 19,076 18,324 17,939 17,635 17,200 16,762	Saturday 4/28/2012 12,733 12,480 12,253 12,386 12,930 13,459 13,932 14,801 15,482 16,201 16,512 16,054 15,876 15,582 15,026 14,782 14,803 14,550 14,463	Sunday 4/29/2012 12,588 12,372 12,148 12,332 12,523 12,661 13,193 13,700 13,977 14,036 14,031 14,118 13,933 13,674 13,869 14,212 14,347 14,489 14,705	Monday 4/30/2012 15,135 15,150 15,086 15,880 16,550 17,973 19,106 19,658 20,131 20,740 20,626 20,558 20,556 20,558 20,558 20,556 20,566 20,556	
100 200 300 400 500 600 700 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 2000	4/16/2012 15,672 15,656 15,542 15,834 16,202 17,768 19,114 19,728 20,004 20,463 20,667 20,080 20,613 20,615 20,815	4/17/2012 15,829 15,641 15,550 15,856 16,544 18,131 19,303 19,906 20,121 20,381 20,288 20,230 20,169 19,885 19,465 19,465 19,085 18,798 18,602 18,542 19,309	4/18/2012 16,178 16,015 16,021 16,416 17,037 18,514 19,765 20,194 20,398 20,795 20,541 20,769 20,5541 20,769 20,5541 19,949 19,477 18,906 18,650 18,551 19,450	4/19/2012 15,766 15,708 15,508 15,797 16,490 18,094 19,352 19,952 20,116 20,448 20,344 20,272 20,664 20,874 20,271 20,258 19,542 19,150 18,863 19,575	4/20/2012 16,132 15,977 15,574 15,618 16,161 17,232 18,381 19,451 20,071 20,680 20,633 20,522 20,602 20,322 19,533 19,120 18,611 18,510 18,027 18,450	4/21/2012 12,944 12,662 12,358 12,936 13,564 14,418 15,486 16,157 16,482 16,405 16,049 15,665 15,268 14,771 14,691 14,592 14,220 13,964 14,751	4/22/2012 11,994 11,649 11,691 11,714 11,984 12,373 12,867 13,532 13,890 14,133 14,184 14,400 14,418 14,476 14,498 14,793 14,824 15,295 15,295 16,471	4/23/2012 15,935 16,244 16,090 16,552 17,586 18,754 20,687 20,899 21,188 21,249 21,297 20,977 20,977 20,977 19,896 19,515 19,075 18,574 19,256	Tuesday 4/24/2012 16,142 16,138 15,973 16,258 17,214 18,839 19,613 20,188 20,363 20,713 20,587 20,734 20,656 20,425 19,665 20,425 19,665 19,573 19,114 18,702 18,472 19,121	Wednesday 4/25/2012 16,357 16,271 16,000 16,450 17,330 18,558 19,613 19,991 20,240 20,281 20,353 20,354 20,354 20,354 20,351 19,867	Thursday 4/26/2012 16,105 15,972 15,731 16,141 16,608 18,122 19,407 20,090 20,481 20,773 20,587 20,514 20,386 19,897 19,468 19,223 18,687 18,542 18,228 18,704	Friday 4/27/2012 16,031 15,850 15,870 17,040 18,529 19,362 19,755 20,093 20,471 20,055 19,698 19,676 18,324 17,635 17,200 16,762 17,238	Saturday 4/28/2012 12,733 12,480 12,253 12,386 12,930 13,459 13,932 14,801 15,482 16,201 16,512 16,054 15,582 15,026 14,782 14,603 14,656	Sunday 4/29/2012 12,588 12,372 12,148 12,332 12,523 12,661 13,193 13,700 13,977 14,036 14,031 14,011 14,118 13,933 13,674	Monday 4/30/2012 15,135 15,150 15,086 15,880 16,550 17,973 19,106 19,658 20,131 20,740 20,626 20,558 20,558 20,558 20,558 20,558 19,954 19,539 19,528 19,528 19,528 19,528	
100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400	4/16/2012 15,672 15,656 15,542 15,834 16,202 17,768 19,114 19,728 20,064 20,463 20,667 20,080 20,613 20,370 19,542 19,463 20,370 19,542 19,463 20,370 19,542 19,463 18,994 18,766 18,396 18,840 19,075	4/17/2012 15,829 15,641 15,550 16,544 18,131 19,906 20,121 20,381 20,288 20,230 20,169 19,885 19,465 19,085 18,798 18,605 18,542 19,309 19,613	4/18/2012 16,178 16,015 16,021 16,416 17,037 18,514 19,765 20,194 20,398 20,795 20,415 20,541 20,541 20,541 20,543 19,477 18,906 18,650 18,513 19,490 19,601	4/19/2012 15,766 15,708 15,508 15,797 16,490 18,094 19,352 19,902 20,116 20,448 20,344 20,272 20,664 20,874 20,258 19,542 19,150 18,863 19,575 19,635	4/20/2012 16,132 15,977 15,574 15,618 16,161 17,232 18,381 19,451 20,071 20,680 20,633 20,522 20,602 20,322 19,533 19,120 18,611 18,510 18,027 8,490 18,490 18,276	4/21/2012 12,944 12,662 12,358 12,535 12,936 13,564 14,418 15,486 16,157 16,482 16,405 16,049 15,665 15,268 14,771 14,691 14,592 14,220 13,964 14,751	4/22/2012 11,994 11,649 11,691 11,714 11,984 12,373 12,867 13,532 13,890 14,133 14,184 14,400 14,418 14,476 14,498 14,793 14,824 15,025 15,295 15,295 16,471 16,878	4/23/2012 15,935 16,244 16,090 16,552 17,586 18,754 20,244 20,687 20,899 21,188 21,249 21,249 21,297 20,977 20,701 19,896 19,515 19,075 18,791 18,574 19,256	Tuesday 4/24/2012 16,142 16,138 15,973 16,258 17,214 18,839 19,613 20,188 20,363 20,713 20,587 20,656 20,425 19,663 19,573 19,114 18,702 18,472 19,121	Wednesday 4/25/2012 16,357 16,271 16,000 16,450 17,330 18,558 19,613 19,991 20,240 20,281 20,353 20,353 20,353 20,351 19,867 19,315	Thursday 4/26/2012 16,105 15,972 15,731 16,141 16,608 18,122 19,407 20,990 20,481 20,773 20,587 20,514 20,386 19,223 18,897 19,468 19,223 18,837 18,542 18,298 18,704 19,091	Friday 4/27/2012 16,031 15,856 15,870 16,379 17,040 18,529 19,362 19,755 20,093 20,471 20,055 19,698 19,606 19,076 18,324 17,239 17,635 17,200 16,762 17,238 17,965	Saturday 4/28/2012 12,733 12,480 12,253 12,386 12,930 13,459 13,932 14,801 15,482 16,054 16,512 16,054 15,582 15,026 14,782 14,803 14,550 14,463 14,656 15,314	Sunday 4/29/2012 12,588 12,372 12,148 12,332 12,523 12,661 13,193 13,700 13,977 14,036 14,031 14,018 13,933 13,674 13,869 14,212 14,347 14,489 14,705 15,474 15,994	Monday 4/30/2012 15,135 15,150 15,880 16,550 17,973 19,106 19,658 20,131 20,740 20,626 20,583 20,583 20,583 20,583 20,583 19,954 19,528 19,522 19,667 19,384 19,259	
100 200 300 400 500 600 900 1000 1100 1200 1300 1400 1500 1600 1600 1500 2000 2100	4/16/2012 15,672 15,656 15,542 15,834 16,202 17,768 19,114 19,728 20,004 20,463 20,667 20,080 20,613 20,615 20,815	4/17/2012 15,829 15,641 15,550 16,544 18,131 19,303 19,906 20,121 20,381 20,288 20,230 20,169 19,885 19,465 19,085 18,798 18,542 19,309 19,613 18,366	4/18/2012 16,178 16,015 16,021 16,416 17,037 18,514 19,765 20,194 20,398 20,795 20,415 20,541 20,561 20,568 19,949 19,477 18,906 18,650 18,513 19,490 19,4601 18,367	4/19/2012 15,766 15,708 15,508 15,797 16,490 18,094 19,352 20,116 20,448 20,344 20,272 20,664 20,874 20,271 20,258 19,542 19,150 18,863 19,575 18,863	4/20/2012 16,132 15,977 15,574 15,618 16,161 17,232 18,381 19,451 20,071 20,680 20,633 20,522 20,602 20,602 20,602 20,602 20,602 20,602 19,533 19,120 18,611 18,510 18,027 18,490 18,276 18,490 18,276 16,748	4/21/2012 12,944 12,662 12,358 12,535 12,936 13,564 14,418 15,486 16,157 16,482 16,405 15,665 15,268 14,771 14,691 14,592 14,220 13,964 14,751 15,070 14,469	4/22/2012 11,994 11,649 11,611 11,714 11,984 12,373 12,867 13,532 13,890 14,133 14,133 14,184 14,476 14,498 14,479 14,478 14,479 14,824 15,025 15,295 16,878 16,878 16,878 16,878 16,122	4/23/2012 15,935 16,244 16,090 16,552 17,586 18,754 20,899 21,188 21,249 21,297 20,977 20,977 20,701 19,896 19,515 19,075 18,791 18,574 19,256 19,655 18,490	Tuesday 4/24/2012 16,142 16,138 15,973 16,258 17,214 18,839 19,613 20,188 20,363 20,713 20,587 20,734 20,587 20,734 20,656 20,425 19,663 19,573 19,114 18,702 18,472 19,121 19,414 18,416	Wednesday 4/25/2012 16,357 16,271 16,000 16,450 17,330 18,558 19,613 19,991 20,240 20,281 20,353 20,354 20,353 20,354 19,375 19,313 19,571 19,375 19,359 19,202 19,687 19,315 18,097	Thursday 4/26/2012 16,105 15,972 15,731 16,141 16,608 18,122 19,407 20,090 20,481 20,773 20,514 20,587 20,514 20,386 19,897 19,468 19,223 18,837 18,542 18,542 18,542 18,542 18,542	Friday 4/27/2012 16,031 15,856 15,870 16,379 17,040 18,529 19,755 20,093 20,471 20,055 19,698 19,606 19,076 18,324 17,635 17,230 16,762 17,238 17,965 16,884	Saturday 4/28/2012 12,733 12,480 12,253 12,386 12,930 13,459 13,932 14,801 15,482 16,201 16,512 16,054 15,582 15,026 14,782 14,803 14,550 14,463 14,655	Sunday 4/29/2012 12,588 12,372 12,148 12,332 12,523 12,661 13,193 13,700 13,977 14,036 14,031 14,031 14,031 14,031 14,031 14,031 14,118 13,933 13,674 13,869 14,212 14,347 14,489 14,705 15,474 15,990	Monday 4/30/2012 15,135 15,150 15,086 15,880 16,550 17,973 19,106 19,658 20,131 20,740 20,626 20,583 20,568 20,583 20,506 19,954 19,954 19,528 19,528 19,528 19,528 19,528	
100 200 300 400 500 700 800 900 1000 1100 1100 1300 1400 1400 1500 1400 1500 1400 1500 1800 1800 2000 22100	4/16/2012 15,672 15,656 15,542 15,834 16,202 17,768 19,114 19,728 20,004 20,463 20,667 20,080 20,613 20,673 20,633 20,673 20,633 20,673 20,633 20,633 20,633 20,643 20,643 20,643 20,643 20,643 20,643 20,643 20,643 20,643 20,643 20,643 20,643 20,643 20,643 20,643 20,643 20,643 20,645 20,950 20,645 20,950 20,645 20,950 20,645 20,950	4/17/2012 15,829 15,641 15,550 16,544 18,131 19,906 20,121 20,381 20,288 20,230 20,169 19,885 19,465 19,085 18,798 18,605 18,542 19,309 19,613	4/18/2012 16,178 16,015 16,021 16,416 17,037 18,514 19,765 20,194 20,398 20,795 20,415 20,541 20,541 20,541 20,543 19,477 18,906 18,650 18,513 19,490 19,601	4/19/2012 15,766 15,708 15,508 15,797 16,490 18,094 19,352 19,902 20,116 20,448 20,344 20,272 20,664 20,874 20,258 19,542 19,150 18,863 19,575 19,635	4/20/2012 16,132 15,977 15,574 15,618 16,161 17,232 18,381 19,451 20,071 20,680 20,633 20,522 20,602 20,322 19,533 19,120 18,611 18,510 18,027 8,490 18,490 18,276	4/21/2012 12,944 12,662 12,358 12,535 12,936 13,564 14,418 15,486 16,157 16,482 16,405 16,049 15,665 15,268 14,771 14,691 14,592 14,220 13,964 14,751	4/22/2012 11,994 11,649 11,691 11,714 11,984 12,373 12,867 13,532 13,890 14,133 14,184 14,400 14,418 14,476 14,498 14,793 14,824 15,025 15,295 15,295 16,471 16,878	4/23/2012 15,935 16,244 16,090 16,552 17,586 18,754 20,244 20,687 20,899 21,188 21,249 21,249 21,297 20,977 20,701 19,896 19,515 19,075 18,791 18,574 19,256	Tuesday 4/24/2012 16,142 16,138 15,973 16,258 17,214 18,839 19,613 20,188 20,363 20,713 20,587 20,656 20,425 19,663 19,573 19,114 18,702 18,472 19,121	Wednesday 4/25/2012 16,357 16,271 16,000 16,450 17,330 18,558 19,613 19,991 20,240 20,281 20,353 20,354 20,354 20,354 20,354 20,354 20,354 20,351 19,867 19,375 19,359 19,202 19,687 19,315 18,097 17,059	Thursday 4/26/2012 16,105 15,972 15,731 16,141 16,608 18,122 19,407 20,090 20,481 20,773 20,514 20,587 20,514 20,386 19,897 19,468 19,223 18,542 18,542 18,542 18,542 18,542 18,545	Friday 4/27/2012 16,031 15,850 15,870 16,379 17,040 18,529 19,362 19,755 20,093 20,471 20,055 19,698 19,606 19,076 18,324 17,939 17,635 17,200 16,762 17,238 17,965 16,884 14,120	Saturday 4/28/2012 12,733 12,480 12,253 12,386 12,930 13,459 13,932 14,801 15,482 16,201 16,512 16,054 15,876 15,582 15,026 14,782 14,803 14,650 14,463 14,650	Sunday 4/29/2012 12,588 12,372 12,148 12,332 12,523 12,661 13,193 13,700 13,977 14,036 14,031 14,118 13,933 13,674 13,869 14,212 14,347 14,489 14,212 14,347 14,489 14,705 15,474 15,990 15,708	Monday 4/30/2012 15,135 15,150 15,086 15,880 16,550 17,973 19,106 19,658 20,131 20,740 20,626 20,558 20,568 20,568 20,568 19,954 19,522 19,667 19,384 19,259 17,893 16,821	
100 200 300 400 700 800 1000 1100 1200 1300 1500 1500 1500 1600 1900 2000 2100 2200	4/16/2012 15,672 15,656 15,542 15,834 16,202 17,768 19,114 19,728 20,004 20,463 20,667 20,080 20,613 20,615 18,946 18,966 18,966 18,967 18,967 19,542 19,542 19,748 20,004 20,613 20,748 18,944 18,768 18,944 18,768 18,944 18,768 18,944 18,768 18,946 18,967 18,945 18,946 18,907 18,945 18,947 18,836 18,846 18,836 18,846 18,836 18,836 18,846 18,836 18,846 18,846 18,846 18,846 18,846 19,835 18,84618,846 18,846 18,846 18,846 18,846 18,846 18,846 18,846 18,846	4/17/2012 15,829 15,641 15,550 15,856 16,544 18,131 19,303 19,906 20,121 20,381 20,288 20,230 20,169 19,885 19,465 19,085 18,592 18,692 18,692 18,542 19,309 19,613 18,366 17,330	4/18/2012 16,178 16,015 16,021 16,416 17,037 18,514 19,765 20,194 20,398 20,795 20,415 20,541 20,769 20,5541 19,949 19,477 18,906 18,650 18,6513 19,490 19,601 18,661 18,687	4/19/2012 15,766 15,708 15,508 15,797 16,490 18,094 19,352 20,116 20,444 20,272 20,664 20,874 20,271 20,258 19,542 19,150 18,863 19,575 19,635 18,487 17,166	4/20/2012 16,132 15,977 15,574 15,618 16,161 17,232 18,381 19,451 20,071 20,680 20,633 20,522 20,602 20,633 20,522 20,602 20,633 19,120 18,611 18,510 18,511 18,511 18,511 18,544 18,490 18,277 16,748 16,748 14,492	4/21/2012 12,944 12,662 12,558 12,936 13,564 14,418 15,486 16,157 16,482 16,405 16,049 15,665 15,268 14,771 14,691 14,592 14,292 14,294	4/22/2012 11,994 11,649 11,691 11,714 11,984 12,373 12,867 13,532 13,890 14,133 14,183 14,184 14,400 14,418 14,476 14,498 14,793 14,824 15,025 15,295 16,471 16,878 16,122 16,303	4/23/2012 15,935 16,244 16,090 16,552 17,586 18,754 20,899 21,188 21,249 21,297 20,977 20,977 20,977 19,896 19,515 19,075 18,791 18,574 19,256 19,255 18,490 17,509	Tuesday 4/24/2012 16,142 15,973 16,258 17,214 18,839 19,613 20,188 20,363 20,713 20,587 20,734 20,656 20,425 19,663 19,573 19,114 18,702 18,472 19,121 19,414 18,416 17,315	Wednesday 4/25/2012 16,357 16,271 16,000 16,450 17,330 18,558 19,613 19,991 20,240 20,281 20,353 20,354 20,353 20,354 19,375 19,313 19,571 19,375 19,359 19,202 19,687 19,315 18,097	Thursday 4/26/2012 16,105 15,972 15,731 16,141 16,608 18,122 19,407 20,090 20,481 20,773 20,514 20,587 20,514 20,386 19,897 19,468 19,223 18,837 18,542 18,542 18,542 18,542 18,542	Friday 4/27/2012 16,031 15,856 15,870 16,379 17,040 18,529 19,755 20,093 20,471 20,055 19,698 19,606 19,076 18,324 17,635 17,230 16,762 17,238 17,965 16,884	Saturday 4/28/2012 12,733 12,480 12,253 12,386 12,930 13,459 13,932 14,801 15,482 16,201 16,512 16,054 15,582 15,026 14,782 14,803 14,550 14,463 14,655	Sunday 4/29/2012 12,588 12,372 12,148 12,332 12,523 12,661 13,193 13,700 13,977 14,036 14,031 14,031 14,031 14,031 14,031 14,031 14,118 13,933 13,674 13,869 14,212 14,347 14,489 14,705 15,474 15,990	Monday 4/30/2012 15,135 15,150 15,086 15,880 16,550 17,973 19,106 19,658 20,131 20,740 20,626 20,583 20,568 20,583 20,506 19,954 19,954 19,528 19,528 19,528 19,528 19,528	



Napoleon		Capacity Plan - Act	ual				······				-		
Apr	2012		ACTUAL DEM	AND =	21.349	MW							
Days	30		ACTUAL ENE	RGY =	12,248	мwн							
						]		ENERGY				FFEF	
			DEMAND	DEMAND	ENERGY	LOAD	RATE	RATE	DEMAND	ENERGY	TOTAL	EFFECTIVE RATE	%
		SOURCE	MW	MW-MO	MWH	FACTOR	\$/KW	\$/MWH	CHARGE	CHARGE	CHARGES	\$/MWH	OF DOLLARS
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(9)	(10)	(11)		
1		NWASG Pool Purchases	0.00	0.00	1,657	0%	\$0.00	\$40.30	\$0	\$66,779	\$66.779	(12)	(13)
2		NWASG Pool Sales	0.00		-1,881	0%	\$0.00	\$30,41	\$0 \$0	-\$57,194	-\$57,194	\$30.41	6.9%
3		Gorsuch	16.48	16.48	7,204	61%	\$8.59	\$48.73	\$141,569	\$351,082	-\$57,194 \$492,651	\$30.41 \$68.38	-5.9%
4		NYPA	1.03	1.03	587	79%	\$2.14	\$11.84	\$2,197	\$6,948	\$9.145	1 1 1	51.2%
5		JV5	3.09	3.09	2,223	100%	\$21.91	\$21.89	\$67,651	\$48,671	\$9,143 \$116,322	\$15.58 \$52.32	1.0%
6		AFEC	8.77	8.77	2,196	35%	\$7.63	\$33.00	\$66,916	\$72,483	\$139,399	\$63.47	12.1%
7		Landfill	0.00	0.00	0	0%	\$0.00	\$0.00	\$00,510	φ72,465 \$0	\$139,399 \$0	\$0.00	14.5% 0.0%
8		AMPCT	12.40	12.40	9	0%	-\$0.41	\$0.00	-\$5.145	\$0 \$0	-\$5,145	-\$591.04	-0.5%
9		Prairie State	2.49	2.49	0	0%	\$20.22	\$0.00	\$50,307	\$0	\$50,307	\$0.00	-0.5% 5.2%
10		JV2	0.26	0.26	0	0%	-\$2.34	\$30.02	-\$618	\$2	-\$616	-\$9,427.71	-0.1%
11		JV6	0.30	0.30	60	28%	\$15.61	\$0.00	\$4,683	\$0	\$4,683	\$78.29	-0.1%
12		J Aron	0.40	0.40	288	100%	\$0.00	\$43.41	\$0	\$12,502	\$12,502	\$43.41	
13		J Aron Sale	-0.40	-0.40	-288	100%	\$0.00	\$43.41	\$0	-\$12,502	-\$12,502	\$43.41	1.3%
14		Zelie/Wamp 5x16 (DB,AEP)	0.00	0.00	0	0%	\$0.00	\$0.00	\$0	<u>-φ12,302</u> \$0	\$0		-1.3%
15		Zelienople 2x16 Sub	0.00	0.00	õ	0%	\$0.00	\$0.00	\$0 \$0	\$0 \$0	\$0 \$0	\$0.00	0.0%
16		Morgan Stanley 10 yr 7x24	0.00	0.00	õ	0%	\$0.00	\$0.00	\$0 \$0	\$0 \$0	\$0 \$0	\$0.00	0.0%
17		Barclays 2008-12 5x16	0.00	0.00	õ	0%	\$0.00	\$0.00	\$0 \$0	\$0 \$0	\$0 \$0	\$0.00	0.0%
18		Zelie/Wamp 7x24 (AEP,NEA	0.00	0.00	õ	0%	\$0.00	\$0.00	\$0 \$0	\$0 \$0	\$0 \$0	\$0.00 \$0.00	0.0%
19		Morg. S/Sempra 2008-2012	0.00	0.00	õ	0%	\$0.00	\$0.00	\$0 \$0	\$0 \$0	\$0 \$0	\$0.00	0.0%
20		Ell/Grov 7x24 (DB, NWASG	0.00	0.00	õ	0%	\$0.00	\$0.00	\$0 \$0	\$0 \$0	\$0 \$0	\$0.00	0.0% 0.0%
		POWER TOTAL	44.82	44.82	12,056	37%	\$7.31	\$40.54	\$327,560	\$488,771	\$816,330	\$67.71	
21		Energy Efficiency			12,248		\$0.00	\$3.12	\$0	\$38,168	\$38,168	\$3.12	84.9%
22		Installed Capacity	30.70	30.70	12,240	1	\$2.95	<del>\$3.12</del>	\$90,594	-\$11,514	,		4.0%
23		TRANSMISSION	30.35	30.35	2,765	1	\$0.64	\$1.30	\$90,594 \$19,479	-\$11,514 \$3,608	\$79,080	\$6.46	8.2%
25		Distribution Charge	30.35	30.35	2,700	1	\$0.00 \$0.00	\$1.30 \$0.00	\$19,479 \$0		\$23,088	\$1.89	2.4%
24		Service Fee B		00.00	12,248	<b>"</b> 1	0 <u>.00</u>		<u> </u>	\$0	\$0	\$0.00	0.0%
26		Dispatch Charge			12,248			\$0.38		\$4,654	\$4,654	\$0.38	0.5%
		OTHER TOTAL	T		12,240	1		\$0.00		\$0	\$0	\$0.00	0.0%
GRAND TOTAL PURC	HASED	1. Strict Strict	1		12,056	1			\$110,073	\$34,917	\$144,991	\$11.84	15.1%
Delivered to members			21.349	21.349	12,000	79.68%		T	\$437,633	\$523,688	\$961,321	<u> </u>	
	<u></u>		DEMAND	L_21.349				1	\$437,633	\$523,688	\$961,321	\$78.49	100.0%
		2012 Forecast	22.05		ENERGY	L.F.					TOTAL \$	\$/MWh	Avg Temp
		2012 Forecast 2011 Actual	22.05		12,560	79%					\$954,041	\$75.96	48.3
		2010 Actual	22.18		12,369	77%					\$890,901	\$72.03	48.1
		2010 Auludi	20.20		11,874	81%			· ·		\$830,030	\$69.90	54.4
			I			<u> </u>					Actual Temp		49.5

1111 Schrock Rd, Suite 100 COLUMBUS, OHIO 43229 PHONE: (614) 540-1111 FAX: (614) 540-1078

INVOICE NUMBER:	172561
INVOICE DATE:	5/1/2012
DUE DATE:	5/16/2012
TOTAL AMOUNT DUE:	\$12,502.37
CUSTOMER NUMBER:	5020
CUSTOMER P.O. #:	N/A

City of Napoleon

Gregory J. Heath, Finance Director 255 W. Riverview Ave., P.O. Box 151 Napoleon, Ohio 43545-0151

400 kW

PLEASE WRITE INVOICE NUMBER ON REMITTANCE AND RETURN YELLOW INVOICE COPY, MAKE CHECK PAYABLE TO AMP, INC.

> Do Not Pay Paid by E-Pay

American Municipal PWR Inc Ray Memil

614-540-0914

Invoice for Debt Service Associated with J Aron Pre-Pay

Project Capacity:

For Power delivered during the Month of :

Contract Obligation 400 kW \* 720 Hours in Month = 288,000 kWh

288,000 kWh @ \$0.04341100 / kWh ==

April, 2012

\$12,502.37

\$12,502.37

This amount on this invoice represents an obligation of the Municipality that is payable as an O&M Expense of its Electric System.

## TOTAL CHARGES

\* To avoid a delayed payment charge, payment must be made to provide available funds for use by AMP, Inc on or before the due date.

Wire Transfer Information : Huntington National Bank Columbus, Ohio Account: 01892464798 ABA: #044000024 Mailing Address : AMP, Inc. Dept. L3104 Columbus, Ohio 43260

Bank Lock Box	Deposit	AMOUNT
014	\$12,502.37	
Prepay	01892464798	\$12,50
TOTAL DEPO	SIT	\$12,50



Omega Joint Venture Two	INVOICE NUMBER:
1111 Schrock Rd, Suite 100	INVOICE DATE:
COLUMBUS, OHIO 43229	DUE DATE:
PHONE: (614) 540-1111	TOTAL AMOUNT DUE:
FAX: (614) 540-1078	CUSTOMER NUMBER:
	CUSTOMER P.O. #:
City of Napoleon Gregory J. Heath, Finance Director	PLEASE WRITE INVOICE NUMBER ON

PLEASE WRITE INVOICE NUMBER ON REMITTANCE AND RETURN YELLOW INVOICE COPY. MAKE CHECK PAYABLE TO OMEGA JV 2 172771

5/2/2012 5/14/2012

\$311.51

\$311.51

5020

OMEGA JV2 POWER INVOICE -	<u>April, 2012</u>			Do Not Pay Paid by E-Pay American Municipal PWf Ray Merrill 614-540-0914	R Inc
FIXED RATE CHARGE:	264	kW *	\$1.18	/ kW =	\$311.14
ENERGY CHARGE: SERVICE FEES: TESTING CHARGES:		kWh ⁺ kWh ⁺	\$0.000000 \$0.000000		\$0.00 \$0.00 \$0.37

255 W. Riverview Ave., P.O. Box 151

Napoleon, Ohio 43545-0151

## **TOTAL CHARGES**

\* To avoid a delayed payment charge, payment must be made to provide available funds for use by OMEGA JV-2 on or before the due date.

Wire Transfer Informa Huntington National E Columbus, OH Account: 0189-22040 ABA: #044 000024	Bank	Mailing Address: AMP, Inc. Dept. L614 Columbus, OH 43260	
Bank Lockbox Deposi	t Use Only		
62-4470-8662-4110	\$311.14 62-4470-8662-4121	\$0.00	
10-4170-8510-4610	\$0.00 62-4470-8662-4111	\$0.00	
62-4470-8662-4125	\$0.00 62-4470-8662-4128	\$0.37	
62-4470-8662-4700	\$0.00		Amount
Omega JV2	0189-2204055		\$311.51
TOTAL DEPOSIT			\$311.51

	th, Finance Director ew Ave., P.O. Box 151	PLEASE WRITE INV	INVOICE NUMBER: INVOICE DATE: DUE DATE: TOTAL AMOUNT DUE: CUSTOMER NUMBER: CUSTOMER P.O. NUMB MAKE CHECKS PAYABI		172913 5/3/2012 5/21/2012 \$64,509.82 5020 BL980397 OMEGA JV5
Debt Service - OMEGA JV5		AND RETURN YELL	OW INVOICE COPY.	6.	
FOR THE MONTH/YEAR OF: Financing CHARGES:	May, 2012	<u></u>			
Base Financing Principal Payment:		\$9.642857	/ kW * / kW *	3,088 kW = 3,088 kW =	\$29,777.14 \$34,732.68
Base Financing Interest Payment:		\$11.247631	/ KVV	5,000 KW =	\$34,732.00
TOTAL Financing CHARGES:		\$20.890488	/ kW •	3,088 kW =	\$64,509.82
SUB-TOTAL					\$64,509.82
Total OMEGA JV5 Fina	ancing Invoice:				\$64,509.82
<ul> <li>To avoid a delayed payment charg use by OMEGA-JV5 on or before the</li> </ul>		ade to provide a	vailable funds for		
	OMEGA JV5/AMP, Inc. Dept. L614 Columbus, OH 43260			Wire Transfer Information : Huntington National Bank Columbus, Ohio Account No. 0189-2204055 ABA: #044 000024	

	ABA: #044 000024
Entity Bank Lockbox Deposit	AMOUNT
65 \$64,509.83	
OMEGA JV5 0189-2204055	\$64,509.82

COMEGA JV5 OHRO MUNICIPAL ELECTRIC GENERATING ASSOCIATION		INVOICE NUMBER:	172871 5/3/2012
1111 Schrock Rd, Suite 100 Columbus, Ohio 43229 Phone: (614) 540-1111	Do Not Pay Paid by E-Pay American Municipal PWR Inc	DUE DATE:	5/21/2012
Fax: (614) 540-1078	Ray Merrill 614-540-0914	TOTAL AMOUNT DUE:	\$60,803.50
		CUSTOMER NUMBER:	5020
City of Nap		CUSTOMER P.O. NUMBER:	BL980397
255 W. River	eath, Finance Director view Ave., P.O. Box 151 nio 43545-0151	MAKE CHECKS PAYABLE TO:	OMEGA JV5
		PLEASE WRITE INVOICE NUMBER ON REMITTANCE AND RETURN YELLOW INVOICE COPY.	

#### April, 2012 FOR THE MONTH/YEAR OF:

### DEMAND CHARGES:

Base Financing Demand Charge: (Invoiced seperately as of 1/1/07)

Base Operating Expense Demand Charge: Seca Associated with JV5.	\$3.928929 \$0.000000	/ kW * / kW *	3,088 kW = 3,088 kW =	\$12,132.53 \$0.00
TOTAL DEMAND CHARGES:	\$3.928928	/ kW *	3,088 kW =	\$12,132.53
ENERGY CHARGES: JV5 Repl. Pwr. & Variable (Budgeted Rate): JV5 Fuel Cost (Actual Expense):	\$0.021659 \$0.000231	/ kWh * / kWh *	2,223,360 kWh = 2,223,360 kWh =	\$48,156.30 \$514.67
TOTAL ENERGY CHARGES:	\$0.021891	/ kWh *	2,223,360 kWh =	\$48,670.97

### SUB-TOTAL

\$60,803.50

\$0.00 \$0.00

## Total OMEGA JV5 Invoice:

\* To avoid a delayed payment charge, payment must be made to provide available funds for use by OMEGA-JV5 on or before the due date.

Mailing Address :

OMEGA JV5/AMP, Inc. Dept. L614 Columbus, OH 43260

Wire Transfer Information : Huntington National Bank Columbus, Ohio Account No. 0189-2204055 ABA: #044 000024

Entity Bank Lockbox Deposit	AMOUNT
65 \$60,803.49	
OMEGA JV5 0189-2204055	\$60,803.50

\$60,803.50



Date: Thursday May 3, 2012

To: Joint Venture 5 Members - Napoleon

- From: Tom Sillasen Director Energy Accounting and Reporting American Municipal Power Inc.
- Re: JV5 Debt Service Principal & Interest

The JV5 debt service invoices you received for January, February, March and April 2012 had the incorrect principal and interest breakout. Principal was understated and interest was overstated in total for these four months by \$ 7107.30.

Please note that the total JV5 debt service dollar amount invoiced to the municipality each month was correct. The breakout has been corrected on the JV5 debt service invoice dated 5/3/12.

Sorry for any inconvenience and feel free to call with any questions.

Thank you,

Tom Sillasen Director Energy Accounting and Reporting American Municipal Power Inc. 1111 Schrock Road – Suite 100 Columbus, OH 43229 Phone: 614-540-0948 tsillasen@amppartners.org



1111 Schrock Rd, Suite 100 COLUMBUS, OHIO 43229 PHONE: (614) 540-1111 FAX: (614) 540-1078

INVOICE NUMBER:	172820
INVOICE DATE:	5/1/2012
DUE DATE:	5/15/2012
TOTAL AMOUNT DUE:	\$3,531.00
CUSTOMER NUMBER:	5020
CUSTOMER P.O. #:	

City of Napoleon Gregory J. Heath, Finance Director 255 W. Riverview Ave., P.O. Box 151 Napoleon, OH 43545-0151

PLEASE WRITE INVOICE NUMBER ON REMITTANCE AND RETURN YELLOW INVOICE COPY. MAKE CHECK PAYABLE TO AMP, INC.

Omega JV6 Project Capacity: 300 Year 2012	) kW	Do Not Pay Paid by E-Pay American Municipal PWR Inc Ray Merrill 614-540-0314
Demand Charge 300 Kw * 11.77 per i		Total
AMOUNT DUE FOR : May, 2012	Principal 2 - Interest	53,496.95 \$34.05

## **TOTAL CHARGES**

\* To avoid a delayed payment charge, payment must be made to provide available funds for use by AMP, Inc on or before the due date.

 Wire Transfer Information :
 Mailing Address :

 Huntington National Bank
 AMP, Inc.

 Columbus, Ohio
 Dept. L614

 Account: 0189-2204055
 Columbus, Ohio 43260

 ABA: #044 000024
 Bank Lock Box Deposit

 14<\$3,531.00</td>
 \$3,531.00

 Bank Lock Box Deposit

 14
 \$3,531.00

 General Fund
 0189-2204055

TOTAL DEPOSIT

\$3,531.00 \$3,531.00

AMOUNT

\$3,531.00



1111 Schrock Rd, Suite 100 COLUMBUS, OHIO 43229 PHONE: (614) 540-1111 FAX: (614) 540-1078

INVOICE NUMBER:	172830
INVOICE DATE:	5/1/2012
DUE DATE:	5/15/2012
TOTAL AMOUNT DUE:	\$1,358.21
CUSTOMER NUMBER:	5020
CUSTOMER P.O. #:	

City of Napoleon Gregory J. Heath, Finance Director 255 W. Riverview Ave., P.O. Box 151 Napoleon, OH 43545-0151

PLEASE WRITE INVOICE NUMBER ON REMITTANCE AND RETURN YELLOW INVOICE COPY. MAKE CHECK PAYABLE TO AMP, INC.

<u>Omega JV6</u>			De Not Pay Pald by E-Pay American Municipal PWR Inc
Project Capacity:	300 kW		Ray Merrill 614-540-0914
Year 2012			
Electric Fixed 300 K	w * 4.53 per kW-Month		Total
AMOUNT DUE FOR :	May, 2012 -	Electric Fixed	\$1,358.21

## TOTAL CHARGES

\* To avoid a delayed payment charge, payment must be made to provide available funds for use by AMP, Inc on or before the due date.

Wire Transfer Information :	Mailing Address :	
Huntington National Bank	AMP, Inc.	
Columbus, Ohio	Dept. L614	
Account: 0189-2204055	Columbus, Ohio 43260	
ABA: #044 000024		
Bank Lock Box Deposit		AMOUNT
66 \$1,358.21		

TOTAL DEPOSIT

\$1,358.21

\$1,358.21

CTRIC						BILLING L	ETERMINANT	5						D	ETERMINA
BILLING DETERMINANT	r <u>s</u> -	JUNE	<u>, 2012</u>				• • • • • • • • • •								
UNE, 2012 012 - JUNE BILLING WITH MAY, 2012.	DATA BI	LLING UI	NITS				••••••••••••••••••••••••••••••••••••••		•						
lass and/or	Rate	May-12 # of	May-12	May-12	Billed kVa	Cost / kWH	Cost / kWH Prior 12 Mo	May-11 # of	May-11	May-11	Cost / kWH	Jul-11 # of	Jul-11	Jul-11	Cost / kWl
chedule	Code	<u>Bills</u>	(kWh Usage)	Bilied	of Demand	For Month	Average		(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Month
esidential (Dom-In) Residential (Dom-In - All Electric)	E1 E2	3,331 617	1,838,146 431,078	\$204,944 68 \$47,091 46	0	\$0.1115 \$0.1092		3,334 613	2,084,086 634,376	\$226.133.96 \$66,414.96	\$0 1085 \$0 1047	3,321 620	2,178,402 416,045	\$244,736 08 \$46,656 56	\$0.112 \$0.112
otal Residential (Domestic)		3,948	2,269,224	\$252,036.14	0	\$0,1111	\$0 1085	3,947	2,718,462	\$292,548.92	\$0 1076	3,941	2,594,447	\$291,392.64	\$0 11
Residential (Rural-Out)	ER1	734	598,235	\$70,345 44	o	\$0 1176		742	765,262	\$86,694.32	\$0 1133	746	671,181	\$79,883.29	\$0 11
Residential (Rural-Out - All Electric)	ER2	393	397,718	\$45,820 54	0	\$0 1152		395	521,859	\$58,007 27	\$0 1112	394	386,068	\$45,599 33	\$0 11
Residential (Rural-Out w/Dmd) Residential (Rural-Out - All Electric w/Dmi-	ER3 ER4	15 10	17,731 10,370	\$2,015 38	130 88			15 10	19,698	\$2,189.00	\$0 1111	15	13,473	\$1,602.30	\$0.11
	E154		*************	\$1,192 02					11,436	\$1,284.84	\$0 1124	10	11,114	\$1,298 88	\$0.11
fotal Residential (Rural)		1,152	1,024,054	\$119,373.38	218	\$0,1166	\$0.1135	1,162	1,318,255	\$148,175,43	\$0,1124	1,165	1,081,836	\$128,383.80	\$0.11
Commercial (1 Ph-In - No Dmd)	EC2	72	35,777	\$5,062.48	0	\$0,1415		71	39,305	\$5,290 43	\$0 1346	71	35,031	\$5,033.05	\$0.14
Commercial (1 Ph-Out - No Dmd)	EC2O	40	10,544	\$1,719.13		\$0.1630	\$0.1486	39	12,883	\$1,924 32	\$0 1494	40	9,812	\$1,652.58	\$0.16
otal Commercial (1 Ph) No Dmd		112	46,321	\$6,781.61	0	\$0.1464	\$0 1399	110	52,188	\$7,214.75	\$0 1382	111	44,843	\$6,685.63	\$0 14
Commercial (1 Ph-In - w/Demand)	EC1	266	328,241	\$44,738.20	1960	\$0 1363		263	354,249	\$44,816.63	\$0 1265	264	319,560	\$44,665.13	\$0.13
Commercial (1 Ph-Out - w/Demand)	EC10	26	35,283	\$4,727.21	200	\$0,1340	\$0.1281	26	45,298	\$5,603.34	\$0.1237	26	36,443	\$5,004 59	\$0,13
fotal Commercial (1 Ph) w/Demand	· ····	292	363,524	\$49,465.41	2,160	\$0.1361	\$0.1296	289	399,547	\$50,419.97	\$0.1262	290	356,003	\$49,669.72	\$0 13
Commercial (3 Ph-In - No Dmd)	EC4	0	0	\$0.00		\$0 0000	\$0 3219	1	181	\$38.46	\$0.2125	1	60	\$25.17	\$0.41
Commercial (3 Ph-Out - No Dmd)	EC40	2	480	\$92 36	17	\$0.1924	\$0 1260	0	0	\$0.00	\$0 0000	0	0	\$0.00	\$0.00
Fotal Commercial (3 Ph) No Dmd		2	480	\$92,36	17	\$0.1924	\$0.1331	1	181	\$38,46	\$0 2125	1	60	\$25.17	\$0.41
Commercial (3 Ph-In - w/Demand)	EC3	198	1,385,048	\$162,972 55	5027	\$0.1177	\$0.1140	201	1,369,488	\$155,172.21	\$0,1133	200	1,440,355	\$173,371.47	\$0.12
Commercial (3 Ph-Out - w/Demand)	EC3O	33	189,179	\$23,463.18		\$0.1240		33	193,032	\$22,495.66	\$0,1165	33	173,401	\$22,806.82	\$0.13
Commercial (3 Ph-Out - w/Dmd.&Sub-St Commercial (3 Ph-In - w/Demand, No Tax	E3SO EC3T	2	117,720 1,960	\$13,067 39 \$230 26		\$0.1110 \$0.117		2	154,120 1,840	\$15,983.99 \$211.30		2	139,120 1,840	\$15,471.22 \$222.05	\$0.11 \$0.12
Total Commercial (3 Ph) w/Demand		234	**********	\$199,733.38			<u>.</u>	237	1,718,480	\$193,863.16		236	1,754,716	\$211,871.56	\$0.12
arge Power (in - w/Dmd & Rct)	EL1	26	3,566,453	\$333,792.62	7669	\$0,0936	\$0 0911	26	3,460,118	\$314,337 87	\$0 0908	26	3,481,526	\$323,603.24	\$0.09
arge Power (in - w/Dmd & Rct, w/SbCr)		1	12,480	\$3,473 35				1	10,560	\$2,641.16		1	8,160	\$1,940.84	\$0.23
_arge Power (Out - w/Dmd & Rct)	EL10	1 1		\$7,529.26		· · · · · · · · · · · · · · · · · · ·			70,560	\$7,436.29		1 1	77,940	\$9,458.91	\$0.12
arge Power (Out - w/Dmd & Rct, w/SbCi		2		\$40,853 20				<u>2</u> .	373,920	\$38,532.05		2	358,080	\$38,545.15	\$0.10
.arge Power (In - w/Dmd & Rct, w/SbCr)	EL3	2		\$2,449.96		\$0.1458		2	93,049	\$8,191.18	\$0.0880		71,703	\$14,319.22	\$0.19
Total Large Power	•• ••	32	4,051,253	\$388,098.39	9,222	\$0 0958	\$0.0932	32	4,008,207	\$371,138.55	\$0.0926	32	3,997,409	\$387,867.36	\$0.09
ndustnal (In - w/Dmd & Rct, w/SbCr)	El1	1	1,222,199	\$99,931 68				<u> </u>	1,178,681	\$95,173,93		1	1,064,951	\$87,599.98	\$0.08
industrial (In - w/Dmd & Rct, No/SbCr)	EI2		986,067	\$83,734,08	·		\$0 0866		823,885	\$70,633.83	\$0 0857	1	1,100,562	\$90,293.68	\$0.08
Total Industrial		2	2,208,266	\$183,665.76	4,198	\$0.083	\$0 0826	2	2,002,566	\$165,807.76	\$0.0828	2	2,165,513	\$177,893.66	\$0.08
interdepartmental (In - No Dmd)	ED1	49	All a start and a start of the second se	\$10,077.83				47	128,524	\$12,419.21		47	82,159	\$8,296,46	
Interdepartmental (Out - No Drid)	ED10 ED2	20		\$13 23 \$24,655 57		\$0 098		20	75	\$7.28		1	0	\$0.00	
Interdepartmental (In - w/Dmd) Generators (JV2 Power Cost Only)	GJV2	20	255,282 99,442	\$2,810.23				20	328,065 20,357	\$31,079.90 \$1,005.64		20	299,721 14,291	\$29,494.75 \$821.88	
Generators (JV5 Power Cost Only)	GJV5	1	a ser a s	\$387 76				1	17,006	\$840.10		. 1	12,291	\$706.86	
Total Interdepartmental		72	470,555	\$37,944.62	93	\$0.080	5 \$0 0916	70	494,027	\$45,352.13	\$0.0918	70	408,462	\$39,319.95	
· · ·		1									1				
SUB-TOTAL CONSUMPTION & DEMAN	ŃD	5,846	12,127,584	\$1,237,191.05		\$0 102	\$0.1013	5,850	12,711,913	\$1,274,559.13	¢	1 ·	12,403,289	\$1,293,109.49	\$0 10
Street Lights (In)	SLO	16	0	\$14 20	i i	\$0 000	0 \$0 0000	16	0	\$14.20	\$0 0000	16	 	\$14 20	1 50 a
Street Lights (Out)	SLOO	2	Ó	\$0.77		\$0 000		2	0	\$0.77	\$0 0000		0	\$0 77	
Total Street Light Only		18	0	\$14.97		so ooo	o \$0 0000	18	0	\$14.97	4 2 2	18	0	\$14.97	\$0.0
TOTAL CONSUMPTION & DEMAND		5,864	12,127,584	\$1,237,206.02		\$0 102	0 \$0 1013	5,868	12,711,913	\$1,274,574.10		5,866	12,403,289	\$1,293,124.46	\$0.1
		1 .	12,121,304			1 <sup>40102</sup>		L 2,000.	, 61 B 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1 0,000	12,403,203	#1,200,124.40	

ELECTRIC							BILLING	DETERMINAN	тs		=					DETERMINAN	TS
BILLING DETERMINANT	<u>s -</u>														. ,		
2012 - JUNE BILLING WITH MAY, 2012,	DATA BI	• •	an an an an Araba. An an an Araba		-							1					
Class and/or	Rate	Aug-11 # of	Aug-11	Aug-11	Cost / kWH	Sep-11 # of	Sep-11	Sep-11	Cost / kWH	Oct-11 # of	Oc1-11	Oct-11	Cost / kWH	Nov-11 # of	Nov-11	Nov-11	Cost / kWH
Schedule	Code	Bills	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	<u>Billed</u>	For Month	Bills	(kWh Usage)	Billed	For Month
Residential (Dom-In) Residential (Dom-In - All Electric)	E1 E2	3,315 615	2,981,793 514,384	\$341,682 43 \$59,192 81	\$0 1146 \$0 1151	3,320 615	3,590,110 579,843	\$410,291 65 \$66,725 33	\$0 1143 \$0 1151	3,305 615	2,772,239 464,512	\$281,984.68 \$47,610.73	\$0 1017 \$0 1025	3 324 619	1,858,102 358,361	\$190,860.13 \$36,637.59	\$0 1027 \$0 1022
Total Residential (Domestic)		3,930	3,496,177	\$400,875.24	\$0 1147	3,935	4,169,953	\$477,016.98	\$0 1144	3,920	3,236,751	\$329,595.41	\$0 1018	3,943	2,216,463	\$227,497.72	\$0 1026
Residential (Rural-Out)	ER1	744	917,649	\$110,785 55	\$0.1207	744	984,484	\$119,106.97	\$0.1210	745	805,210	\$87,374 95	\$0.1085	743	582,084	\$63,672.91	\$0 1094
Residential (Rural-Out - All Electric) Residential (Rural-Out w/Dmd)	ER2 ER3	395 15	514,107 14,002	\$61,856 16 \$1,726 39	\$0 1203 \$0 1233	395 15	543,345 17,901	\$65,584.14 \$2,178.35	\$0 1207 \$0 1217	395 15	455,428 13,715	\$49,160 86 \$1,510 68	\$0 1079 \$0 1101	394 15	354,014 11,648	\$38,146.62 \$1,274.62	\$0 1078 \$0 1094
Residential (Rural-Out - All Electric w/Dmr	ER4	10	12,965	\$1,560 19	\$0 1203	10	14,096	\$1,698 19	\$0 1205	10	12,249	\$1,315.92		10	9,978	\$1,063.88	
Total Residential (Rural)		1,164	1,458,723	\$175,928.29	\$0 1206	1,164	1,559,826	\$188,567.65	\$0 1209	1,165	1,286,602	\$139,362.41	\$0,1083	1,162	957,724	\$104,158.03	\$0 1088
Commercial (1 Ph-In - No Dmd)	EC2	72	38,600	\$5,667.71	\$0 1468	74	42,453	\$6,110 25	\$0 1439	70	40,716	\$5,245 76	\$0.1288	70	35,634	\$4,564 59	\$0 1281
Commercial (1 Ph-Out - No Dmd)	EC2O		11,481	\$1,922.46	\$0 1674	42	10,683	\$1,819.44	\$0 1703	41	12.618	\$1,858 93	\$0.1473	40	11,979	\$1,733.61	\$0,1447
Total Commercial (1 Ph) No Dmd		113	50,081	\$7,590.17	\$0.1516	116	53,136	\$7,929.69	\$0 1492	111	53,334	\$7,104.69	\$0 1332	110	47,613	\$6,298.20	\$0 1323
Commercial (1 Ph-In - w/Demand) Commercial (1 Ph-Out - w/Demand)	EC1 EC10	266 26	375,890 38,564	\$52,516.23 \$5,373.78	\$0 1397 \$0 1393	268 26	481,063 44,908	\$64,095,60 \$6,057,30	\$0 1332 \$0 1349	263 26_	424,110 42,672	\$50,798.50 \$5,192.75		265 26	325,762 35,550	\$40,905 55 \$4,417.80	\$0 1256 \$0 1243
Total Commercial (1 Ph) w/Demand		292	414,454	\$57,890.01	\$0,1397	294	525,971	\$70,152.90	\$0.1334	289	466,782	\$55,991.25	\$0.1200	291	361,312	\$45,323.35	\$0 1254
Commercial (3 Ph-In - No Dmd) Commercial (3 Ph-Out - No Dmd)	EC4 EC4O	1	15 0	\$19 87 \$0 00	\$1.3247 \$0.0000	1	121	\$32.89 \$0.00	\$0 2718 \$0 0000	1		\$27 32 \$0.00		1	97	\$28.15 \$12.31	
Total Commercial (3 Ph) No Dmd		1	15	\$19.87	\$1 3247	1	121	\$32.89	\$0.2718	1	86	\$27.32		2	100	\$40.46	
Commercial (3 Ph-In - w/Demand)	EC3	202	1,604,244	\$199,995.85	\$0.1247	203	1,773,684	\$216,427 84	\$0.1220	203	1,927,806	\$207,315.72		202	1,634,874	\$171,334.46	
Commercial (3 Ph-Out - w/Demand) Commercial (3 Ph-Out - w/Dmd &Sub-St.	EC3O E3SO	32 2	194,998 145,040	\$25,674.56 \$16,816,11	\$0.1317 \$0 1159	33 2	242,746 147,640	\$29,785.58 \$16,957.72	\$0.1227 \$0.1149	32 2	231,339 162,120	\$25,468.10 \$16,048.65		32	230,622	\$24,895.02 \$15,220.82	
Commercial (3 Ph-in - w/Demand, No Tax		1	3,440	\$468.36	\$0 1362	1	5,280	\$653.64	\$0.1238	1	5,480	\$556 09		1	3,160	\$328.60	
Total Commercial (3 Ph) w/Demand		237	1,947,722	\$242,954.88	\$0.1247	239	2,169,350	\$263,824.78	\$0 1216	238	2,326,745	\$249,388.56	\$0 1072	237	2,030,456	\$211,778.90	\$0.1043
Large Power (In - w/Dmd & Rct) Large Power (In - w/Dmd & Rct, w/SbCr)	EL1 EL2	26	3,429,114 8,160	\$335,812.25 \$2,511.35	\$0.0979 \$0.3078	26 1	3,942,952 7,680	\$383,561.85 \$1,902.52		26	3,939,745 7,680	\$337,805 72 \$1,835 61		26	3,642,625 8,640	\$295,479.08 \$2,412.98	
Large Power (Out - w/Dmd & Rct)	EL10	1	88,020	\$9,843.72	\$0.1118	1		\$12,274.33			81,000	\$8,632,82			61,200	\$6,720.84	
Large Power (Out - w/Dmd & Rct, w/SbCi		2	362,160	\$38,680.49	·	2	418,560	\$41,264 19		2	446,400	\$40,936.10		2	428,880	\$36,545.79	\$0.0852
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	71,150	\$12,159.99		2	73,793	\$13,712 11		2	73,326	\$12,555.69		2	72,788	\$11,979.67	\$0 1646
Total Large Power		32	3,958,604	\$399,007.80	\$0 1008	32	4,553,865	\$452,715.00		32	4,548,151	\$401,765.94	\$0.0883	32	4,214,133	\$353,138.36	\$0 0838
Industrial (In - w/Dmd & Rct, w/SbCr) Industrial (In - w/Dmd & Rct, No/SbCr)	El1 El2	1	1,026,001 875,867	\$87,281.27 \$78,825.25		1	1,179,593 756,725	\$101,403.56 \$70,627.92		1	1,080 767 616 170	\$82,706 39 \$55,274 79		1	1,164,062 420,437	\$82,090 69 \$38,265.25	
Total Industrial	· · · · ·	2	1,901,868	\$166,106.52	\$0 0873	2	1,936,318	\$172,031.48	\$0 0888	2	1,696,937	\$137,981.18	\$0 0813	2	1,584,499	\$120,355.94	\$0 0760
Interdepartmental (In - No Dmd)	ED1 ED10	47	82,601 0	\$8,730 91 \$0.00	\$0 1057 \$0 0000	47	83,038	\$8,845 37		47	81,934	\$7,566.62		47	83,489	\$7,486.55	
Interdepartmental (Out - No Dmd) Interdepartmental (In - w/Dmd)	ED10	20	298,909	\$30,979.60		20	i	\$0,00 \$32,521.99		20	2 275,382	\$0 19 \$24,910.99		20	210,115	\$0.09 \$18,418.02	
Generators (JV2 Power Cost Only)	GJV2	1	13,322	\$708.73	\$0.0532	1	14 114	\$698.08	\$0 0495	1.	15,424	\$797 73	\$0 0517	1	16,398	\$1,005.53	\$0 0613
Generators (JV5 Power Cost Only)	GJV5	1	11,539	\$613.87	\$0 0532	1	9,551	\$472 39	\$0.0495		5,570	\$288.08	\$0.0517	1	11,638	\$713.64	\$0 0613
Total Interdepartmental	• •	70	406,371	\$41,033.11	\$0 1010	70	417,883	\$42,537.83	\$0.1018	70	378,312	\$33,563.61	\$0.0887	70	321,641	\$27,623.83	\$0 0859
SUB-TOTAL CONSUMPTION & DEMAN	ID .	5,841	13,634,015	\$1,491,405.89	1	5,853	15,386,423	\$1,674,809.20	\$0,1088		13,993,700	\$1,354,780.37		5,849	11,733,941	\$1,096,214.79	\$0 0934
Chreat Lichte (In)		· · ·				1				Į .		19 - 19 19	1				
Street Lights (In) Street Lights (Out)	SLO SLOO	16 2	0	\$14.20 \$0.77		16 2		\$14 20 \$0 77		16 2	0	\$14 20 \$0 77	\$0 0000	16 2		\$14.20 \$0.77	
Total Street Light Only		18	• •	\$14.97	\$0 0000	18	. 0	\$14.97	\$0 0000	18	0	\$14.97	* v	18	0	\$14.97	\$0 0000
TOTAL CONSUMPTION & DEMAND		5,859	13,634,015	\$1,491,420.86	\$0 1094			\$1,674,824.17	\$0 1089	1 .	13,993,700	\$1,354,795.34	\$0 0968		11,733,941	\$1,096,229.76	
2012-06-JUNE			· · · ·					age 2 of 4	·				1			5/24/20	-

BLL LAG         Control         Description         Descripion <thdescripion< th=""> <thdescr< th=""><th>ELECTRIC</th><th></th><th></th><th></th><th></th><th></th><th></th><th>BILLING</th><th>DETERMINAN</th><th>TS</th><th></th><th></th><th></th><th></th><th></th><th></th><th>DETERMINANT</th><th>rs</th></thdescr<></thdescripion<>	ELECTRIC							BILLING	DETERMINAN	TS							DETERMINANT	rs
Star         Star <th< th=""><th>BILLING DETERMINANT</th><th><u>-</u></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>**********</th><th>•</th><th></th><th></th><th></th><th></th><th>:</th><th></th></th<>	BILLING DETERMINANT	<u>-</u>									**********	•					:	
Description         Part         Part      Part         Part				1	and a second		•						····			-		
Diss winder         Had         Auf         Barth         Tart         Status         Control (MR)         Part         Autor         Diss         Diss <thdiss< th="">         Diss         <thdiss< th=""> <thdi< th=""><th>2012 - JUNE BILLING WITH MAY, 2012,</th><th>DATA BI</th><th>D 11</th><th></th><th></th><th></th><th></th><th>1</th><th></th><th></th><th></th><th></th><th> +</th><th></th><th></th><th></th><th>****</th><th></th></thdi<></thdiss<></thdiss<>	2012 - JUNE BILLING WITH MAY, 2012,	DATA BI	D 11					1					+				****	
Standar         Data         Justical         Data	Class and/or	Rate		Dec-11	Dec-11	Cost / kWH		Jan-12	Jan-12	Cost / kWH		Feb-17	Feb.12	Cost (WH		Mar-12	Mar 17	Cost (KWH
December of Lange Action 1 1 27.11 101.000 FEDERED 1 10 102 220.001 F1025010 0 101 0 102 200.001 F107000 1 10100 101 F107000 1 10100 1010 F107000 1 10100 1 10100 F107000 F10700 F107											1		· · · · · · · · · · · · · · · · · · ·			en de la companya de	1111 A.	والمعاجر المعاد المراجع
Rescare/lines/end/lines/en	· · · · · · · · · · · · · · · · · · ·																	
Table Assessment (Demonslet)         3.87         2.221 CD         FEE (27.23)         FEE (17.23)         FEE (17.23) <th></th>																		
Schuld Rule (L)         CP         70         61.84 /r         State (L)         State (						00.1000				40.1000	· ·····		402,007 37	. 40.000	021	104.001	\$11,199.02	30 1018
statement (Figher, Marked (Figher, Marked Figher, Figh	Total Residential (Domestic)		3,927	2,223,013	\$247,279.39	\$0.1112	3,939	2,626,068	\$293,603.97	\$0 1118	3,952	3,248,551	\$359,689.25	\$0 1107	3,972	3,045,898	\$319,245.08	\$0.1048
statement (Figher, Marked (Figher, Marked Figher, Figh	Residential (Rural-Out)	ER1	741	615 491	\$72 247 26	\$0 1174	734	806 826	\$94 058 78	\$0 1166	735	914 511	\$106 209 30	\$0 1161	737	840 842	907 959 56	\$0.1104
Statubard and Cull Carling         FFS         1         2         2         4         0         1         0         1         0         1         0		ER2		405,352	\$46,668.17													
Table Residential (huge)         1,182         LBRA231         State Residential (huge)         1,182         LBRA231         LBRA311         LBRA3111 <thlbra3111< th=""> <thlbra3111< th="">         LB</thlbra3111<></thlbra3111<>				and the second														
Opminter of (1-hor. H2 Did)         CC2         TO         Sk33         8 404 cf         Di 11         No         J 400         Sk372 di         Sk3	Residential (Rurai-Out - All Electric within	ER4		20,000	52,195 51	20 10a0	10. 	32,034	and the second second	201103	10	16,040	\$1,833.45	\$0,1143	10	13,298	\$1,452.28	\$0,1092
Commission (1 Fib-Cut No Dimis Tatal Commission (1 Fib-Cut No Dimis	Total Residential (Rural)		1,163	1,084,031	\$125,805.77	\$0 1161	1,151	1,548,133	\$177,785.71	\$0 1148	1,152	1,637,269	\$188,467.47	\$0 1151	1,155	1,479,048	\$161,908.86	\$0.1095
Commercial (1 Phil) A Phil Phil (1 Phil) A Phil	Commercial (1 Ph-In - No Dmd)	EC2	70	34,331	\$4,843 45	\$0 1411	70	37.506	\$5,289,65	\$0 1410	70.	40,452	\$5 674 73	\$0 1403	70	38 793	\$5.092.91	\$0.1313
Total Commercial (1 Phy No Dmit         110         64.37         27.02.200         55 14.45         100         92.320         92.324         92.324         92.324         92.326 </th <th></th> <th></th> <th>40</th> <th></th> <th></th> <th></th> <th>40</th> <th>a second for each \$</th> <th></th>			40				40	a second for each \$										
Commandel (1) Partin-weißerland)         EC1         255         301.42         301.32         280.31         511.22         401.32         280.31         511.22         401.32         280.31         511.22         401.32         280.31         511.22         401.32         280.31         511.22         401.32         280.31         511.22         401.32         280.31         511.22         401.32         280.31         511.22         401.32         280.42         511.22         401.32         280.42         511.22         401.32         280.42         511.22	Total Commercial (1 Ph) No Dmrt			49 317	57 072 00	\$0 1434	110	59 236	\$8 347 23	\$0.1409	111	61 495	t9 690 61	\$0 1412	444	67 694	F7 650 44	50 1000
Commercial (1 Ph/SAL = 4D5min) C-107 25 35 447 42 517 22 464 27 42 517 23 444 27 45 101 25 114 57 01 52 54 47 765 55 54 54 54 54 54 54 54 54 54 54 54 54									40,071,700		1	01,402	40,000.01	ΨU 1*1 IZ		01,024	a7,000,11	¢0.1328
Total Commercial (1 Ph) witherspand         29         333,800         544,646.4         90 156         272         346,676         647,165.15         90 126         200 400,755         553,351.46         90 126         722         666,81         547,165.15         50 122           Commercial (1 Ph) witherspand         2         400         1         69         560.65         51 117         1         52         60,814         547,625         51 117         100         34,64,64         51 127         2         424,04         51 127         2         444,05         51 117         100         34,64,64         51 127         2         440,05         51 117         100         34,64,64         51 127         51 127         51 126         51 126,564         51 126         51 126,564         51 126         51 126,564         51 126         51 126,564         51 126         51 126,564         51 126																		
Commercial (2) Philin ND phil) EC4 2 (0) 335 (6 3) 0000 2 (7 2000 350 050 31 1200 2 (7 2000 350 050 31 1200 2 (7 2000 350 050 31 1200 2 (7 2000 350 050 30 1200 2 (7 2000 350 050 30 1200 2 (7 2000 350 050 30 1200 2 (7 2000 350 050 30 1200 2 (7 2000 350 050 30 1200 3 (7 2000 350 050 30 1200 3 (7 2000 350 050 30 1200 3 (7 2000 350 050 30 1200 3 (7 2000 350 050 30 1200 3 (7 2000 350 050 050 050 050 050 050 050 050	Connierdal (1 Ph-Out - Wibernarid)	ECIO	20	33,447	\$4,518 24	\$0 1331	 20	36,033	\$4,958 85	\$0,1357	26	44,703	\$5,852.45	\$0.1309	26	43,497	\$5,192.11	\$0 1194
Commercial (5 Ph) Ala 100 2m) (2 A) (2 0) (3 20 m) (5 10 000) (2 7,200) (3 20 cm) (5 10 100) (5 10	Total Commercial (1 Ph) w/Demand		291	333,950	\$45,464.66	\$0 1361	292	346,676	\$47,186.19	\$0 1361	293	400,765	\$53,351.04	\$0.1331	292	405,018	\$49,763.87	\$0.1229
Commercial (5 Ph) Ala 100 2m) (2 A) (2 0) (3 20 m) (5 10 000) (2 7,200) (3 20 cm) (5 10 100) (5 10	Commercial (3 Ph-In - No Dmd)	EC4			\$26.05	\$0 3775		79	\$27.38	\$0 3466		164	\$37.61	\$0.2293		34	\$21.74	\$0 6304
Commercial (3 h)-in-urbanest)         CG3         202         1.428 (56)         516 (476)         50 (167			2				2				2							
Commercial 3P four wChemana) EC30 22 332.862 358.8623 49 1168 32 335.677 12 30 1150 33 240.077 12 30 1150 33 240.077 12 30 1150 33 240.077 12 30 222 12 50 1240 33 255.272 58 1156 50 1000 12 0 1160 22 776.100 32 0000 50 100 12 1440 50 1160 52 14 440 50 1160 52 14 440 50 1160 52 14 440 50 1160 52 14 440 50 1160 52 14 440 50 1160 52 14 440 50 1160 52 14 440 50 1160 52 14 440 50 1160 52 14 440 50 1160 52 14 440 50 1160 52 14 440 50 1160 52 14 440 50 1160 52 14 440 50 1160 52 14 440 50 1160 52 14 440 50 1160 52 14 540 50 1100 52 51 1446 571 52 050 50 1100 52 51 1446 571 52 050 50 1100 52 51 1446 571 52 050 50 1100 52 51 1446 571 52 050 50 1100 52 51 1446 571 52 050 50 1100 52 51 1446 571 52 050 50 1100 52 51 1446 571 52 050 50 1100 52 51 1446 571 52 050 50 1100 52 51 1446 571 52 050 50 1100 52 51 1446 571 52 050 50 1100 52 51 1446 571 52 050 50 1100 52 51 1446 571 52 050 50 1100 52 51 1100 51 74 440 54 1450 51 1150 51 74 440 54 1450 51 1150 51 74 440 54 1450 51 1050 51 74 440 54 1400 51 1040 51 1450 54 1400 50 1040 51 1400 59 1000 52 51 140 53 1400 53 51 160 51 53 1400 53 51 160 51 53 1400 53 51 160 51 53 1400 53 51 160 51 53 1400 53 51 150 550 500 51 150 550 500 50 1000 52 1400 54 54 440 53 51 160 51 54 440 53 51 160 53 54 440 53 51 160 51 54 440 53 51 160 51 54 440 53 51 160 51 54 440 53 51 160 51 54 440 53 50 0000 11 00 50 1000 11 50 10000 11 50 10000 11 50 10000 11 50 10000 11 50 10000 11 50 10000 11 50 10000 11 50 10000 11 50 10000 11 50 10000 11 50 10000 11 50 10000 11 50 10	Total Commercial (3 Ph) No Dmd		3	69	\$62.05	\$0.8993	3	7,879	\$986.98	\$0 1253	3	12,604	\$1,556.82	\$0 1235	3	4,274	\$522.61	\$0.1223
Commercial (3 Ph Out - WDmaxes) EC30 32 332, 582 338, 582 339, 582 339, 582 339, 582 339, 584 358, 583 339, 584 358, 583 339, 584 358, 583 31005 174 450, 581 150, 1567 12, 1760 22, 1760 42, 1780 22, 1760 42, 1780 22, 1780 42, 1880 42, 1780 42, 18	Commercial (3 Ph-In - w/Demand)	EC3	202	1,428,995	\$168,693.12	\$0.1181	202	1,386,365	\$164,750.44	\$0.1188	201	1,395,262	\$166,228,37	\$0,1191	199	1,448,848	\$157 462 71	\$0 1087
Commercial (3 Phi = wDemand, Vo Tai, EC37 1, 1,780, 2000 06, 50.1186, 1, 1,860, 2016 53, 50.1185, 1, 200, 1120, 1120	in the second			332,962	\$38,588.23	\$0 1159		353,047	\$40,927 13	\$0.1159	33							
Total Commercial (3 Ph) w/Demand         237         2,041,727         5236,473.47         S0 1155         228         1,815,682         5214,080.11         50 1176         277         1,866,479         5214,881,65         50 1176         236         1,846,247         5200,585,68         50 1067         226         5,846,241         5200,585,68         50 1067         226         5,846,241         5200,585,68         50 1067         226         5,264,713         5300,592,726         50 0070         6         50 0070         1         7,2640         53,264,713         5300,592,724         50 1067         1         7,240         53,618,62         50 0070         1         7,2400         53,618,62         50 0070         1         7,240         53,616,69         7,7240         53,616,713         5300,692         50 0071         2         34,448,31         50 00712         2         17,2400         53,646,93         50 0071         2         34,448,31         50 00712         2         17,2400         53,646,93         50 0082         2         34,646,03         50 0082         2         34,646,03         50 0082         2         34,646,03         50 0082         2         32,646,03         50 0083         2         1,12,75,64         31,75,647         32,75,647         32,75,			2				1								2			
Large Power (In - wtGma 8, Ret)         EL1         26         3.491 431         \$322,027,17         50.0800         25         3.288,750         \$306,845,24         \$50.0800         26         3.266,713         \$320,374 74         \$50.0800         1         27,840         \$320,374 74         \$50.0800         1         27,840         \$32,087,74         \$50.0800         1         27,840         \$32,087,74         \$50.0800         1         27,840         \$32,087,74         \$50.0800         1         27,840         \$32,087,74         \$50.0800         \$11,1182         \$50.0000         1         27,840         \$52,0000         \$11,20         \$7,72,400         \$50.0102         \$31,730         \$36,463,35         \$50.0800         \$51,631,82         \$50.0000         \$11,27,840         \$52,000         \$51,631,82         \$50.0800         \$51,631,82         \$51,631,87         \$50.0803         \$51,631,82         \$51,634,933         \$50,6357         \$51,634,						40.1100			921545	40.1100		2,000		30.1100		2,000	J221 10	20,1085
Large Power (n. wUmd Ret, wUSEC)         EL2         1         7.680         \$2,076.91         1         0         \$1,013.82         \$20,000         1         77.460         \$5,267.24         50,1600           Large Power (OL - wUmd R Ret, wSEC)         EL10         1         66,000         \$7,22.00         \$5,072.43         \$50,072.40         \$51,673.63         \$51,773.40         \$51,673.72.40         \$50,673.72.40         \$50,077.12.20.40         \$51,673.60         \$50,076.72.40         \$50,076.72.40         \$50,0767.72.40         \$50,077.72.40         <	Total Commercial (3 Ph) w/Demand		237	2,041,757	\$235,473.47	\$0 1153	236	1,815,852	\$214,080.11	\$0 1179	237	1,804,479	\$214,851.55	\$0,1191	235	1,846,291	\$200,536.98	\$0.1086
Lerge Power (n. wUmd Ret, wUSEC)       EL2       1       7.660       \$2.009.31       7.660       \$3.207.65       \$0.2706       1       0       \$1.633.82       \$0.0000       1       \$27.460       \$5.4862.24       \$0.1600         Large Power (Cut - WUmd & Ret, wSEC)       EL10       2       400.60       \$3.207.24       \$0.1600       \$2.076.4       \$1.73.40       \$5.466.23       \$5.01.830       \$2.412.860       \$5.00.820       \$0.0850       \$0.0850       \$2.33.071.26       \$0.1600       \$2.372.87.87.420       \$5.468.23       \$5.068.24       \$5.00.820       \$2.375.86.14       \$577.128.46       \$50.0850       \$50.0850       \$50.0850       \$50.0850       \$50.0850       \$50.0850       \$50.0850       \$50.0852       \$2.375.86.14       \$577.128.46       \$50.0856       \$50.0857	Large Power (In - w/Dmd & Rct)	EL1	26	3,491,431	\$321,207.17	\$0 0920	25	3,289,759	\$308,845.24	\$0.0939	26	3,259,269	\$316,668 92	\$0.0972	26	3,554,713	\$320,374 74	\$0 0901
Large Power (0.4: wEbc)         ELZO         2         408,240         50,088         2         388,860         539,071,25         50,085         2         341,260         556,953,50         50,081         2         172,65         37,664,29         50,081         2         172,65         37,766,75         57,765         37,766,75         57,766         57,766         57,766,75         57,766,75         57,766,75         57,766,75         57,766,75         57,766,75         57,766,75         57,766,75         57,766,75         57,766,75         57,766,75         57,766,75         57,766,75         57,766,75         50,0873         1         1,314,886         50,077,55         57,766,75         50,077,75			1				1									concentration in the American pro-		\$0.1430
Large Power (in - wDmd & Rct, wSbCr)         EL3         2         91,064         \$91,112.52         50,083         2         93,725         \$7,834.29         \$0.0932         2         70,664         \$7,666         \$7,766,61         \$5,769,61         \$5,729,61         \$5,729,61         \$7,219,857,29         \$7,219,857,219,87,219,87,200         \$7,219,87,219,87,219,87,200         \$7,219,87,219,87,219,87,219,87,200         \$7,219,87,210,87,219,87,219,87,210,87,210,2							2											
Total Large Power         32         4,0e4,475         5379,318.37         50.0923         31         3,852,388         S366,610.27         S0.0952         32         3,758,614         S371,328.94         S0.0928         52         4,138,847         S377,866.10         S0.0933         1         1,348,865         S0.77,866.10         S0.0933         1         1,314,885         S101,841.39         S0.077           Industrial (in - wDmd & Rct, No/S5C/)         EI1         1         1,297,822         \$104,063,83         S0.0803         2         1,653,617         S0.0935         1         1,055,055         S52,720,48         \$50.0966         1         923,159         \$74,219,32         S0.0604           Total Interdepartmental (in - wDmd         C         1,920,255         \$1559,864.29         S0.0683         2         1,658,953         \$148,236,09         S0.0977         2         1,653,651         \$149,492,78         \$0.0067         2         2,238,045         \$147,2082         \$100         \$0.00			2	a											2			
Industrial (in - wDmd & Rct, wSbCr)         EII         1         1.297,822         \$104,065,05         \$00,0872         1         1.152,314         \$96,697.92         \$00,0873         1         1.056,085         \$50,0875         1         1.334,885         \$10,184,139         \$00,076           Industrial (in - wDmd & Rct, WSbCr)         Ei2         1         0.22,437         \$55,800,066         \$50,0895         1         506,697,92         \$00,0877         2         1,653,651         \$149,922,78         \$00,0907         2         2,238,045         \$176,060,71         \$00,0767         2         1,653,651         \$149,922,78         \$00,0907         2         2,238,045         \$176,060,71         \$00,0767         2         1,653,651         \$149,922,78         \$00,0907         2         2,238,045         \$176,060,71         \$00,076         \$00,090         \$2         1,683,851         \$100,000         \$1         \$00,090         \$2         1,683,551         \$144,923,050         \$00,000         \$1         \$00,090         \$2         1,683,451         \$00,090         \$2         1,683,451         \$100,090         \$2         1,683,451         \$100,090         \$2         1,683,451         \$100,090         \$2         1,683,451         \$100,090         \$2         1,683,451         \$100	Total Large Power		32	4.064.475	\$379.318.37	\$0 0933	31	3.852.388	\$366.610.27	\$0.0952	32	3 758 614	\$371 328 94	\$0.0988	37	A 138 847	\$377 966 10	
Industrial (In - wDmd & Rct, NorSbCr)       E12       1       622,437       \$55,800 66       50 0896       1       537,619       \$51,638 17       \$0 0960       1       568,496       \$57,790.48       \$0 0966       1       923,159       \$74,219.32       \$0 0804         Total Industrial       2       1,920,259       \$159,864.29       \$0 0894       52       138,269       \$13,957.14       \$0 1095       52       149,443       \$16,53,651       \$149,322.78       \$0 0900       1       \$0 0767       2       2,238,045       \$176,060,71       \$0 0767         Interdepartmental (In - No Dmd)       ED1       47       100,941       \$9,933,60       \$0 0984       52       138,269       \$13,957.14       \$0 1099       52       149,443       \$15,800       \$0 0000       1       0       \$0 0000       1       0       \$0 0000       1       0       \$0 0000       1       0       \$0 0000       1       0       \$0 0000       1       0       \$0 0000       1       0       \$0 0000       1       0       \$0 0000       1       0       \$0 0000       1       0       \$0 0000       1       0       \$0 0000       1       0       \$0 0000       1       0       \$0 00577       1	· · · · · · · · · · · · · · · · · · ·									++ +++++		0,100,014		20 0300	· · · · · · · · · · · · · · · · · · ·	4,150,047	\$377,000.10	40 00 10
Total industrial         2         1,920,259         \$155,864,29         \$0,0833         2         1,689,933         \$148,236,09         \$0,0677         2         1,653,551         \$149,922,78         \$0,0907         2         2,238,045         \$176,060,71         \$0,0767           Interdepartmental (In - No Dmd)         ED1         47         100,941         \$9,933,60         \$0,0944         \$2         138,269         \$13,95714         \$0,0095         \$2         149,443         \$15,160,01         \$0,000         \$10,000 </td <td></td> <td></td> <td>. 1</td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td>			. 1				1								1			
Interdepartmental (In - No Dmd)         ED1         47         100,941         \$\$9,933,60         \$\$0,0984         52         138,269         \$\$13,957,14         \$\$0,009         52         149,443         \$\$15,180,01         \$\$0,1016         49         153,820         \$\$14,623,633         \$\$0,0000         1         0         \$\$0,000         1         0         \$\$0,000         1         0         \$\$0,000         1         0         \$\$0,000         1         0         \$\$0,000         1         0         \$\$0,000         1         0         \$\$0,000         1         0         \$\$0,000         1         0         \$\$0,000         1         0         \$\$0,000         1         0         \$\$0,000         1         0         \$\$0,000         1         0         \$\$0,000         1         0         \$\$0,000         1         0         \$\$0,000         1         0         \$\$0,000         1         0         \$\$0,000         1         0         \$\$0,000         1         10,300         10         10,300         10         10,300         10         10,300         10,300         10,300         10,300         10,300         10,300         10,300         10,300         10,300         10,300         10,300         10,30	industrial (in - wronid & Rea, Norsber)	E12		622,437	355,800 66	0 20 0890	!	537,619	\$51,63817	20 0960		598,496	\$57,790.48	\$0.0966	·	923,159	\$74,219 32	\$0 0804
Interdepartmental (Out - No Dmd)       ED10       1       0       \$0000       1       1       0       \$0000       1       1       0       \$0000       1       1       1	Total Industrial		2	1,920,259	\$159,864.29	\$0 0833	2	1,689,933	\$148,236.09	\$0 0877	2	1,653,551	\$149,922.78	\$0 0907	2	2,238,045	\$176,060.71	\$0 0787
Interdepartmental (Out - No Dmd)       ED10       1       0       \$0000       1       1       0       \$0000       1       1       0       \$0000       1       1       1	Interdepartmental (In - No Dmd)	ED1	47	100,941	\$9,933 60	\$0 0984	52	138.269	\$13 957 14	\$0 1009	52	149 443	\$15 180 01	50 1016	۵۵	153 820	\$14 623 03	\$0.0951
Generators (JV2 Power Cost Only)       GJV2       1       19,623       \$1,155 54       \$0 0590       1       22,055       \$1,348 22       \$0 0611       1       24,574       \$1,416 94       \$0 0577       1       25 102       \$1,181 80       \$0 0471         Generators (JV5 Power Cost Only)       GJV5       1       13,497       \$379,628       \$0 0590       1       16,539       \$1,011 03       \$0 0611       1       19,402       \$1,118 72       \$0 0577       1       77,745       \$835,435       \$0 0471         Total Interdepartmental       70       379,628       \$35,444,93       \$0 0935       75       509,453       \$48,986,64       \$0 0962       75       \$538,276       \$51,904,22       \$0 0664       72       581,583       \$52,361,81       \$0 0900         SUB-TOTAL CONSUMPTION & DEMAND       5,835       12,095,900       \$1,235,784,93       \$0 1022       \$,839       12,455,618       \$1,305,823,19       \$0 1048       5,857       13,115,594       \$1,319,752,58       \$0 1067       \$1,379,6,628       \$1,345,916,13       \$0 0976         Street Lights (In)       \$LO       16       0       \$1,420       \$0 0000       2       0       \$0 77       \$0 0000       2       0       \$0 77       \$0 0000       <				0	\$0.00	\$0 0000	1	0							1	the second s		
Generators (JV5 Power Cost Only)       GJV5       1       13,497       \$796 86       \$0 0590       1       16,539       \$1,011 03       \$0 0611       1       19,402       \$1,118 72       \$0 0577       1       17,745       \$835 43       \$0 0471         Total Interdepartmental       70       379,029       \$35,444.93       \$0.0935       75       509,453       \$48,986,64       \$0 0962       75       \$538,276       \$51,904.22       \$0 0964       72       \$581,583       \$52,361,81       \$0 0976         SUB-TOTAL CONSUMPTION & DEMAND       5,835       12,095,900       \$1,235,784.93       \$0 1022       5,839       12,455,618       \$1,305,823.19       \$0 1048       5,857       13,115,594       \$1,399,752.58       \$0 1067       5,874       13,796,628       \$1,345,916,13       \$0 0976         Street Lights (in)       \$LO       16       0       \$1420       \$0 0000       16       0       \$1420       \$0 0000       2       0       \$0 77       \$0 0000       2       0       \$0 77       \$0 0000       2       0       \$0 77       \$0 0000       2       0       \$0 077       \$0 0000       2       0       \$0 77       \$0 0000       2       0       \$0 77       \$0 0000       2       0			20				20								20	384 916	\$35,720.65	
Total Interdepartmental       70       379,029       \$35,444.93       \$0.0935       75       509,453       \$48,986.64       \$0.0962       75       538,276       \$51,904.22       \$0.0964       72       581,583       \$52,361.81       \$0.0900         SUB-TOTAL CONSUMPTION & DEMAND       5,835       12,095,900       \$1,235,784.93       \$0.1022       5,839       12,455,518       \$1,305,823.19       \$0.1048       5,857       13,115,594       \$1,399,752.58       \$0.1067       5,874       13,795,628       \$1,345,916.13       \$0.0976         Street Lights (In)       \$LO       16       0       \$14.20       \$0.0000       16       0       \$14.20       \$0.0000       2       0       \$0.77       \$0.0000       2       0       \$0.77       \$0.0000       2       0       \$14.20       \$0.0000       2       0       \$0.0000       2       0       \$0.0000       2       0       \$0.0000       2       0       \$0.77       \$0.0000       2       0       \$0.77       \$0.0000       2       0       \$0.77       \$0.0000       2       0       \$0.77       \$0.0000       2       0       \$0.77       \$0.0000       2       0       \$0.77       \$0.0000       2       0       \$14.97			1.					<ul> <li>A set of the set of</li></ul>			1		and the second		1		the second s	2
SUB-TOTAL CONSUMPTION & DEMAND         5,835         12,095,900         \$1,235,784.93         \$0 1022         5,839         12,455,618         \$1,305,823.19         \$0 1048         5,857         13,115,594         \$1,399,752.58         \$0.1067         5,874         13,796,628         \$1,345,916.13         \$0 0976           Street Lights (In)         SLO         16         0         \$14 20         \$0 0000         16         0         \$14 20         \$0 0000         2         0         \$0 77         \$0 0000         2         0         \$0 77         \$0 0000         2         0         \$0 77         \$0 0000         2         0         \$0 77         \$0 0000         2         0         \$0 0000         2         0         \$0 77         \$0 0000         2         0         \$0 77         \$0 0000         2         0         \$0 77         \$0 0000         2         0         \$0 77         \$0 0000         2         0         \$0 77         \$0 0000         2         0         \$0 77         \$0 0000         2         0         \$0 77         \$0 0000         2         0         \$0 77         \$0 0000         2         0         \$0 77         \$0 0000         2         0         \$0 077         \$0 0000         \$14 97         \$0					· · · · · · · · · · · · · · · · · · ·		1			-			Ψ1,11072	40.0211		11149	3033.43	30,0471
SUB-TOTAL CONSUMPTION & DEMAND       5,835       12,095,900       \$1,235,784.93       \$0 1022       5,839       12,455,618       \$1,305,823.19       \$0 1048       5,857       13,115,594       \$1,399,752.58       \$0 1067       5,874       13,796,628       \$1,345,916.13       \$0 0976         Street Lights (In)       SLO       16       0       \$14.20       \$0 0000       16       0       \$14.20       \$0 0000       2       0       \$0 0000       2       0       \$14.20       \$0 0000       2       0       \$14.20       \$0 0000       2       0       \$0 0000 </th <th>Total Interdepartmental</th> <th></th> <th>70</th> <th>379,029</th> <th>\$35,444.93</th> <th>\$0.0935</th> <th>. 75</th> <th>509,453</th> <th>\$48,986,64</th> <th>\$0 0962</th> <th>2 75</th> <th>538,276</th> <th>\$51,904.22</th> <th>\$0 0964</th> <th>72</th> <th>581,583</th> <th>\$52,361.81</th> <th>\$0 0900</th>	Total Interdepartmental		70	379,029	\$35,444.93	\$0.0935	. 75	509,453	\$48,986,64	\$0 0962	2 75	538,276	\$51,904.22	\$0 0964	72	581,583	\$52,361.81	\$0 0900
Street Lights (in)         SLO         16         0         \$14 20         \$0 0000         16         0         \$14 20         \$0 0000         16         0         \$14 20         \$0 0000         16         0         \$14 20         \$0 0000         16         0         \$14 20         \$0 0000         16         0         \$14 20         \$0 0000         2         0         \$14 20         \$0 0000         2         0         \$14 20         \$0 0000         2         0         \$14 20         \$0 0000         2         0         \$14 20         \$0 0000         2         0         \$14 20         \$0 0000         2         0         \$0 0000         2         0         \$0 0000         2         0         \$0 0000         2         0         \$0 0000         2         0         \$0 0000         2         0         \$0 0000         2         0         \$0 0000         2         0         \$0 0000         2         0         \$0 0000         2         0         \$0 0000         2         0         \$0 0000         2         0         \$0 0000         2         0         \$14 97         \$0 0000         18         0         \$14 97         \$0 0000         18         0         \$14 97         \$0 0000 </th <th></th> <th></th> <th></th> <th>· · · · · ·</th> <th></th> <th>dan ang sa</th> <th></th> <th></th> <th>******</th> <th>-</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>				· · · · · ·		dan ang sa			******	-								
Street Lights (in)       SLO       16       0       \$14 20       \$0 0000       16       0       \$14 20       \$0 0000       16       0       \$14 20       \$0 0000       2       0       \$14 20       \$0 0000       2       0       \$14 20       \$0 0000       2       0       \$14 20       \$0 0000       2       0       \$14 20       \$0 0000       2       0       \$14 20       \$0 0000       2       0       \$0 0000       2       0       \$14 20       \$0 0000       2       0       \$0 0000       2       0       \$0 0000       2       0       \$0 0000       2       0       \$0 0000       2       0       \$0 0000       2       0       \$0 0000       2       0       \$0 0000       2       0       \$0 0000       2       0       \$0 0000       2       0       \$0 0000       2       0       \$0 0000       2       0       \$0 0000       18       0       \$14 20       \$0 0000       18       0       \$14 20       \$0 0000       18       0       \$14 20       \$0 0000       18       0       \$14 20       \$0 0000       18       0       \$14 20       \$0 0000       18       0       \$14 20       \$0 0000       18       0	SUB-TOTAL CONSUMPTION & DEMAN	D		a	a harrendere a			e se		1	+		1	\$0.1067	4.4	1 A A A A A A A A A A A A A A A A A A A		\$0 0976
Street Lights (Out)       SLOO       2       0       \$0 77       \$0 0000       2       0       \$0 77       \$0 0000       2       0       \$0 77       \$0 0000       2       0       \$0 77       \$0 0000       2       0       \$0 77       \$0 0000       2       0       \$0 77       \$0 0000       2       0       \$0 77       \$0 0000       2       0       \$0 77       \$0 0000       2       0       \$0 77       \$0 0000       2       0       \$0 77       \$0 0000       2       0       \$0 77       \$0 0000       2       0       \$0 77       \$0 0000       2       0       \$0 77       \$0 0000       2       0       \$0 77       \$0 0000       2       0       \$0 77       \$0 0000       2       0       \$0 77       \$0 0000       2       0       \$0 000       18       0       \$14.97       \$0 0000       18       0       \$14.97       \$0 0000       18       0       \$14.97       \$0 0000       18       0       \$14.97       \$0 0000       18       0       \$14.97       \$0 0000       18       0       \$14.97       \$0 0000       18       0       \$14.97       \$0 0000       18       0       13.115.594       \$1,399,767.55       \$0 106	· ·		=				1.00			1								(
Street Lights (Out)       SLOO       2       0       \$0 0000       2       0       \$0 77       \$0 0000       2       0       \$0 77       \$0 0000         Total Street Light Only       18       0       \$14.97       \$0 0000       \$16,875 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>(1) (1) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2</td> <td>4</td> <td></td> <td>\$14.20</td> <td>\$0 0000</td> <td></td> <td>0</td> <td>\$14 20</td> <td>\$0 0000</td> <td>16</td> <td>0</td> <td>\$14 20</td> <td>\$0 0000</td>						(1) (1) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2	4		\$14.20	\$0 0000		0	\$14 20	\$0 0000	16	0	\$14 20	\$0 0000
Total Street Light Only       18       0       \$14.97       \$0 0000       18       0       \$14.97       \$0 0000       18       0       \$14.97       \$0 0000         TOTAL CONSUMPTION & DEMAND       5,853       12,096,900       \$1,235,799.90       \$0 1022       5,857       12,455,618       \$1,305,838.16       \$0 1048       6,875       13,115,594       \$1,399,767.55       \$0 1067       5,892       13,796,628       \$1,345,931.10       \$0 0976	Street Lights (Out)	SLOO				- 1	2	. 0		\$0 0000	1 1	0		\$0 0000	1	0		\$0.0000
TOTAL CONSUMPTION & DEMAND 5,853 12,095,900 \$1,235,799.90 \$0 1022 5,857 12,455,618 \$1,305,838.16 \$0 1048 6,875 13,115,594 \$1,399,767.55 \$0 1067 5,892 13,796,628 \$1,345,931.10 \$0 0976	Total Street Light Only					4	18	0		\$0 0000				\$0,0000	ŧ.,	0		\$0.0000
TOTAL CONSUMPTION & DEMAND 5,853 12,095,900 \$1,235,799.90 \$0 1022 5,857 12,455,618 \$1,305,838.16 \$0 1048 5,875 13,115,594 \$1,399,767.55 \$0 1067 5,892 13,796,628 \$1,345,931.10 \$0 0976				-			ļ					e in e			1	Ţ	÷	, , , , , , , , , , , , , , , , , , ,
	TOTAL CONSUMPTION & DEMAND		5.853	12,095,900	\$1,235,799 90	- \$0.1022		•		1	6 875			50 1007	5 892	13 794 629	\$1 34F 074 40	en no74
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DETERMINANTS

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BILLING DETERMINANT	<u>-s</u>												
JUNE, 2012					,					· ·	•	а. н.	
2012 - JUNE BILLING WITH MAY, 2012,	DATA BI												
		Apr-12				May-12	به بور در د			Average	TOTAL	TOTAL	Avg.Cost
Class and/or Schedule	Rate	# of	Apr-12	Apr-12	Cost / kWH	# of	May-12	May-12	Cost / kWH	# of	KWH USEAGE	BILLING	Per kWH
Schedule	Code	Bills	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Month	Bills	PRIOR 12 MO	PRIOR 12 MO	For Period
Residential (Dom-In)	Ë1	3,348	2,003,331	\$191,012 70	\$0 0953	3,331	1,838,146	\$204,944 68	\$0,1115	3,327	27 953 277	\$3,044,947.89	\$0 1089
Residential (Dom-In - All Electric)	E2	623	621,131	\$56,718,75	\$0 0913	617	431,078	\$47,091.46	\$0 1092	616	6,516,192	\$693,564.30	\$0 1069
Total Residential (Domestic)		3,971	2,624,462	\$247,731.45	\$0 0944	3,948	2,269,224	\$252,036.14	\$0 1111	3,943	34,469,469	\$3,738,512.19	\$0 1085
Pasidential (Purel Out)	ER1	775	745 045	\$74,483 85	<b>*0 0000</b>		600 000 <sup>-1</sup>		<b>*•</b> • • • <b>*</b>	7.0			
Residential (Rural-Out) Residential (Rural-Out - All Electric)	ER1	735_ 392	745,915	\$74,483,85 \$50,495,00	\$0.0999 \$0.0976	734 393	598,235 397,718	\$70,345 44 \$45,820 54	\$0 1176 \$0 1152	740 393	9,247,690	\$1,057,721,18	\$0 1144
Residential (Rural-Out w/Dmd)	ER3	15	29,499	\$2,799.46	\$0 0949	15	17,731	\$2,015 38	\$0 1132	15	5,851,362 459,604	\$658,719 16; \$50,159 69	\$0 1126 \$0 1091
Residential (Rural-Out - All Electric w/Dm-		10	12,396	\$1,215 62	\$0 0981	10	10,370	\$1,192.02	\$0 1149	10	182,229	\$20,310 70	\$0 1115
			*************	·····							····		
Total Residential (Rural)		1,152	1,305,384	\$128,993.93	\$0 0988	1,152	1,024,054	\$119,373.38	\$0 1166	1,158	15,740,885	\$1,786,910.73	\$0 1135
Commercial (1 Ph-In - No Dmd)	EC2	71	34,969	\$4,111 09	\$0 1176	72	35,777	\$5,062.48	\$0.1415		453,567	\$61,986.10	\$0.1367
Commercial (1 Ph-Out - No Dmd)	EC2O	40	12,582	\$1,654 29	\$0 1315		10,544	\$1,719.13	\$0,1630	40	169,162	\$25,133.87	\$0.1367
Total Commercial (1 Ph) No Dmd		111	47,651	\$5,765.38	\$0 1212	112	46,321	\$6,781.61	\$0 1464	110	622,729	\$87,119.97	\$0 1399
مدارية مريسين ماري		فالما يعمر					······································						
Commercial (1 Ph-In - w/Demand) Commercial (1 Ph-Out - w/Demand)	EC1 EC10	266 26	332,747 41,277	\$36,199.19		266	328,241	\$44,738.20	\$0.1363	265	4,269,851	\$553,979 13	\$0.1297
Continercial (1 FIFOUL - Widemand)	ECIÓ	20,	41,277	\$4,346.79	au. 1000	26	35,283	\$4,727.21	\$0.1340	26	478,175	\$61,245.22	\$0.1281
Total Commercial (1 Ph) w/Demand		292	374,024	\$40,545.98	\$0.1084	292	363,524	\$49,465.41	\$0.1361	291	4,748,026	\$615,224.35	\$0.1296
											4		
Commercial (3 Ph-In - No Dmd)	EC4	1	48	\$22.48	\$0 4683	0	0	\$0.00	\$0 0000	0	954	\$307.12	\$0,3219
Commercial (3 Ph-Out - No Dmd)	EC40	<u>2</u>	320	\$65.85	\$0 2058	2	480	\$92.36	\$0,1924		25,283	\$3,186.20	\$0.1260
Total Commercial (3 Ph) No Dmd		3	368	\$88.33	\$0 2400	z	480	\$92.36	\$0 1924	1	26,237	\$3,493.32	50,1331
a state of the second stat	· · · · ·											20,400.02	
Commercial (3 Ph-In - w/Demand)	EC3	199	1,420,041	\$132,055 62	\$0 0930	198	1,385,048	\$162,972.55	\$0 1177	201	18,215,010	\$2,075,780.36	\$0 1140
Commercial (3 Ph-Out - w/Demand)	EC3O	33	218,197	\$20,805 52	\$0 0954		189,179	\$23,463 18	\$0 1240	32	2,876,023	\$336,048.40	\$0.1168
Commercial (3 Ph-Out - w/Dmd.&Sub-St	E3SO		122,840	\$10,608 74	\$0 0864	2	117,720	\$13,067.39	\$0 1110	1	1,789,040	\$186,425.20	\$0 1042
Commercial (3 Ph-In - w/Demand, No Tax	EC3T	: <u> </u>	2,160	\$197.97	\$0 0917	1	1,960	\$230.26	\$0.1175		32,920	\$3,771 22	\$0,1146
Total Commercial (3 Ph) w/Demand		235	1,763,238	\$163,667.85	\$0 0928	234	1,693,907	\$199,733.38	\$0,1179	235	22,912,993	\$2,602,025.18	\$0.1136
		· 2					· · · · · · · · · · · · · · · · · · ·						
Large Power (In - w/Dmd & Rct)	EL1	26	3,199,396	\$256,360 63		26	3,566,453	\$333,792.62	\$0 0936	25	42,257,101	\$3,847,849 33	\$0.0911
Large Power (in - w/Dmd & Rct, w/SbCr) Large Power (Out - w/Dmd & Rct)	EL2 EL10	1	12,960	\$2,904 46 \$6,412.76		1	12,480	\$3,473.35	\$0.2783		119,520	\$29,364.76	\$0 2457
Large Power (Out - w/Dmd & Rct, w/SbCi.	EL10	2	64,260 363,600	\$31,333.90		2	58,320 397,200	\$7,529.26 \$40,853.20	\$0.1291 \$0.1029	2	896,400 4,699,680	\$100,579.61 \$460,842.42	\$0.1122 \$0.0981
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	38,400	\$3,290.04				\$2,449.96			851,861	\$110,520 75	
				······	1			·····	1				2.21.4277.24
Total Large Power		32	3,678,616	\$300,301.79	\$0.0816	32	4,051,253	\$388,098,39	\$0.0958	31	48,824,562	\$4,549,156.87	\$0 0932
	- EG		4.040.005		60.0000						· · · · · · · · · · · · · · · · · · ·		·21
Industrial (In - w/Dmd & Rct, w/SbCr) Industrial (In - w/Dmd & Rct, No/SbCr)	E11 E12	. 1.	1,213,635 839,632	\$84,749,93 \$60,954,68			1,222,199 986,067	\$99,931.68 \$83,734.08			13,949,966	\$1,115,572 67	\$0 0800 \$0 0866
	LIZ		055.052	400,504 00		''.	300,007	\$03,734.00	40 0045		9,101,056	\$788,058.11	an neoe
Total Industrial		2	2,053,267	\$145,704.61	\$0 0710	2	2,208,266	\$183,665.76	\$0.0832	2	23,051,022	\$1,903,630.78	\$0 0826
						I	· · · · · · · · · · · · · · · · · · ·						
Interdepartmental (In - No Dmd)	ED1	49	129,323	\$10,802,95				\$10,077.83		48	1,315,517	\$127,920.58	
Interdepartmental (Out - No Dmd) Interdepartmental (In - w/Dmd)	ED10 ED2	20	312,502	\$0 00 \$25,411 38			134 255,282	\$13 23 \$24,655 57	\$0.0987	1	212	\$20.79	
Generators (JV2 Power Cost Only)	GJV2	 1	20,146	\$512.72			99,442	\$2,810 23		201	3,598,487 304,848	\$343,607 58 \$13,466 04	\$0 0955 \$0 0442
Generators (JV5 Power Cost Only)	GJV5	1	14,419	\$366.96			13,721	\$387.76			162,918	\$8,151.70	\$0 0500
			· · · · · · · · · · · · · · · · · · ·								· · · · · · · · · · · · · · · · · · ·		
Total interdepartmental		72	476,390	\$37,094.01	\$0 0779	72	470,555	\$37,944.62	50 0806	71	5,381,982	\$493,166.69	\$0 0916
· · · · · ·			· · · ·	÷			· · · · · · · · · · · · · · · · · · ·			· · · · ·			
SUB-TOTAL CONSUMPTION & DEMAN	Ď	5,870	12,323,300	\$1,069,893.33	\$0 0868	4		\$1,237,191.05	\$0.1020	5,842	155,777,905	\$15,779,240.08	\$0 1013
					1								001010
										I			
Street Lights (In)	SLO	. 16	0	\$14 20			· · · · · · · · · · · · · · · · · · ·	\$14 20			0	\$170.40	
Street Lights (Out)	SLOO	2	0.	\$0 77	\$0 0000	2	0_	\$0 77	÷	2	0	\$9 24	\$0 0000
Total Street Light Only		18	0	\$14.97	\$0 0000	18	0	\$14.97	·		0	\$179,64	\$0 0000
			-				. <b>.</b>	••••••	40 0000		Ũ	φ(r2,04	, 40.0000
			`							·			、
TOTAL CONSUMPTION & DEMAND		5,888	12,323,300	\$1,069,908.30	1			\$1,237,206.02	1	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	155,777,905	\$15,779,419.72	\$0 1013
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Page 4 of 4

2012-06-JUNE

# Electric Department Report May 2012

There were 8 outage/callouts during the month of May. 1 outage was due to wind blowing a branch into power lines. 1 outage was due to lightning hitting a line fuse. 1 callout was an electric turn on at a residence. 1 was to check incoming power at Wal-Mart due to coolers and freezers without power inside their store. 1 was to reset a breaker for ball field lighting in electric panel at Oakwood Park. 1 was due to a tripped breaker on the customers side of the electric meter. 1 was to replace 2 fuses feeding power to the pump motor at the City pool. 1 outage was due to an animal in lines causing 2 fuses to blow.

## Line Department / Service Truck

The line crews have been replacing 69KV transmission poles and insulators due to age and condition. One lineman and our storeroom person assisted the City Maintenance Department by diving under water to replace intake cap for irrigation pump. Crews also have removed a set of unneeded capacitors and re-closers on the distribution to clean up the system. Crews set a pole at Henry County Hospital for fiber service upgrade. Crews helped string pulling rope and hardware for the fiber optic line to solar site. Crews also assisted First Energy for a Transmission line problem across from Advanced Drainage Systems on Independence. Crews helped Tom Mack of United Way bore holes for signage at Oakwood Park. The service truck continually answers calls from residents and contractors consisting of outages, locates and service upgrades and completing the downtown light rebuild project.

## **Substation Department:**

Todd Wachtman and Nikk Hogrefe have been programming and installing upgrades to the SCADA system, replacing lighting contactors at Glenwood and Southside Substations. Todd and Nikk have also been installing fiber lines and materials for the Solar Field Project. They have also been mowing and performing general maintenance and checks at the substations.

## Forestry Department:

Jamie Howe and his newly hired assistant Thomas Miller have been working to clear lines throughout the system and cleaning up City brush.

## Storeroom/Inventory/ Metering Department:

Shawn Druhot has been reading meters along with purchasing and maintaining inventory control. Shawn has been busy mowing the area around the service building & helping mow substations as needed. He also has been recycling fluorescent bulbs brought to our shop by our customers.

The Peak Load for May 2012 was 28.19 MW occurring on the 25<sup>th</sup> at 4:30 P.M. This is a decrease of .46 MW from May of 2011. The average load for May was 18.51 MW. This value was an increase of 1.58 MW from May 2011. The Turbine and JV-2 generators did not run in May. JV-5 ran on May 31<sup>st</sup> generating 5.4 MW.

# City of Napoleon, Ohio



SUMMARY OF MAY 2012 OUTAGE/STANDBY CALL-OUTS

## May 2, 2012:

One employee was dispatched at 8:25 p.m. to 1104 Willard St. due to a branch that broke and was laying on the secondary. The employee removed the branch.

## May 7, 2012:

Two employees were dispatched at 6:30 a.m. to Road S-1 due to a power outage. The outage lasted one half hour and affected two customers. The outage was due to lightning hitting a line fuse. The employees refused the 15 amp line fuse.

## May 9, 2012:

One employee was dispatched at 3:15 p.m. by City Hall to turn on electric at 45 Sutherland Ave.

## May 17, 2012:

Two employees were dispatched at 5:00 p.m. to Wal-Mart and they had freezers and coolers without any power. The employees checked voltage at the X former and everything was fine on our side with good voltage.

## May 18, 2012:

One employee was dispatched at 9:40 p.m. to Oakwood Park due to one bank of lights that went out. The breaker was tripped. The employee let the breaker cool down and then reset it.
#### May 20, 2012:

One employee was dispatched at 7:10 p.m. to 51 Sutherland Ave. due to a power outage. The outage lasted twenty minutes and affected one customer. The outage was due to the customer's breaker being tripped. The employee reset the breaker.

#### May 23, 2012:

One employee was dispatched at 7:00 p.m. to the City Pool due to two fuses being blown on the swimming pool pump. The employee replaced two 100 amp fuses and checked the amps on each leg.

#### May 25, 2012:

One employee was dispatched at 8:10 p.m. to 15465 County Road M1 due to a power outage. The outage lasted thirty minutes and affected one customer. The outage was due to an animal getting into the lines and blowing a fuse. The employee replaced the 6 amp fuse at the can and the 10 amp fuse at the road.

## **Napoleon Power & Light**



## **NAPOLEON POWER & LIGHT**



\*\* 900-1400 residential homes served / MW average load

\*\* 300-800 residential homes served / MW peak load

# **Napoleon Power & Light**

AMPO Generation

Starting: Ending: May 1, 2012 0:00 June 1, 2012 0:00





## CITY OF NAPOLEON, OHIO

255 West Riverview Avenue • PO 151 • Napoleon, Ohio 43545-0151 Gregory J. Heath, Director of Finance/Clerk of Council phone (419) 599-1235 fax (419)-599-8393 Web Page: www.napoleonohio.com E-mail: gheath@napoleonohio.com

DATE: June 8, 2012

TO: Members of BOPA Members of Electric Committee Members of City Council Ronald A. Behm, Mayor Jon A. Bisher, City Manager Trevor M. Hayberger, City Law Director

BH.

FROM: Gregory J. Heath, Finance Director/Clerk of Council

SUBJECT: Review of Costs to Implement EcoSmart Program for the City

At the request of the Board of Public Affairs (BOPA) and the Electric Committee of City Council, our office has reviewed the potential costs to implement the proposed EcoSmart Program for the City.

Attached herewith (Please See Attached) is a written review from Lori A. Rausch, Utility Billing Supervisor, of potential costs and implementation issues for the EcoSmart Program. Below is a summary of the known potential costs:

- Programming Changes to CMI Software

\$ -0-

NOTE: The City is currently in the process of converting to a new version of the Utility Program Software from CMI, we are a BETA site. As long as the City uses the new version of software, CMI will incorporate the EcoSmart Program into it at no additional cost to the City. However, it is noted the new software will not be in full operational mode until October or November of 2012. Changes to the old software would be on a time and material basis.

- Cost of Mailing 6,000 Brochures (If mailed separate from Normal Billing) \$2,700

- NOTE: AMP will cover the printing cost of the brochure. If we do a bill insert of the brochure then there is no additional mailing cost.
- Other Costs, back office, reporting, etc. (Will incorporate into Regular Process) \$ -0-

If you have any questions regarding this information, please let me know. Thank you.

#### Attachments

Cc: Lori Rausch, Utility Billing Supervisor

## June 6, 2012

#### Greg,

As you have requested I have complied the information on the cost of implementing the EcoSmart Choice Program for the City of Napoleon. I contacted our software provider and asked about any additional charges or programming changes there would be to include the EcoSmart charge, on the customer's utility bill. Our, software provider Civica CMI has informed me that they have concluded that Authority (our new Utility Billing program) could handle this without a lot of problems. As long as we start the program after we are live with Authority, there will not be any charge; they will just work it into implementation. My best estimate as to being completely live with the new Authority program would be October or November 2012.

I talked to Julia Blankenship at AMP and in order to promote the program there are fliers and bill inserts that can be mailed to the customers. The City will have the cost of postage for mailing the brochures to the customers, if the City would choose to mail out the provided trifold brochure from AMP. We would need approximately 6,000 brochures with the postage rate of \$0.45. The cost of postage for the brochures would be approximately \$2,700.00. There is also the option of a bill insert that is  $8-1/2'' \times 11''$  that could be inserted with the monthly Utility bills. Julia said there is no cost for either the brochure or the bill insert. The only other additional costs that she expressed would be the cost of the background work the billing office staff would need to do for figuring the charges and tracking and reporting the information.

I also called Mike Dockerty and Susan Hale at Cuyahoga Falls and they are currently using the EcoSmart Choice program. They mailed the AMP flier, used the local newspaper and City website for promoting it. They offer their customers the option of 50% or 100% participation levels in the program and currently all of their customers that participate have chosen the 100% level. They have approximately 25,000 customers and 193 have chosen to participate in the EcoSmart program, which is about 0.0077 percent of their customers.

Please let me know if there is any additional information that I can assist you with.

Thank you,

Lori A. Rausch Utility Billing Supervisor

## City of Napoleon, Ohio

## BOARD OF PUBLIC AFFAIRS (BOPA)

LOCATION: City Hall Offices, 255 West Riverview Avenue, Napoleon, Ohio

## Meeting Agenda

## Monday, June 11, 2012 at 6:30 PM

- I. Approval of Minutes (In the Absence of any Objections or Corrections, the Minutes Shall Stand Approved)
- II. Review/Approval of the Electric Billing Determinants for June: Generation Charge: Residential @ \$.08026; Commercial @ \$.09498; Large Power @ \$.05323; Industrial @ \$.05323; Demand Charge Large Power @ \$13.19; Industrial @ \$14.53; JV Purchased Cost: JV2 @ \$.04030; JV5 @ \$.04030
- III. Electric Department Report
- IV. AMP EcoSmart Choice Program (Tabled)
- V. Any Other Items to Come Before the Board

Gregory J. Heath, Finance Director/Clerk of Council

## City of Napoleon, Ohio **BOARD OF PUBLIC AFFAIRS Special Meeting Minutes** Monday, May 14, 2012 at 6:00 PM

PRESENT	
Members	Keith Engler – Chair, Tom Druhot, Mike DeWit
Electric Committee	Travis Sheaffer – Chair (arrived at 6:10), Glenn Miller, Patrick McColley
Water, Sewer Committee	Jeffrey Lankenau - Chair, Jim Hershberger, Chris Ridley
City Council	Glenn Miller – President, John Helberg, Travis Sheaffer, James
	Hershberger, Jeffrey Lankenau, Patrick McColley, Christopher Ridley
City Staff	Ronald A. Behm, Mayor
	Dr. Jon A. Bisher, City Manager
	Dennis Clapp, Electric Superintendent
	Marty Crossland, Staff Engineer
	Trevor Hayberger, Law Director
	Gregory J. Heath, Finance Director/Clerk of Council
Deconden	Jeff Rathge, Operations Superintendent Barbara Nelson
Recorder Others	Julia Blankenship, Adam Hoff, Amber Bretland, Dale Kocarek, Steve
Others	Lankenau, Robin Weirauch, Others
ABSENT	Lankenad; Köbin Wenaden, ötners
	None
Call To Order	Chairperson Engler called the BOPA meeting to order at 6:00 PM.
Approval Of Minutes	The April 9, 2012, meeting minutes stand approved as presented with no
	objections or corrections.
<b>Review Of Billing Determinants</b>	The electric billing determinants for May were presented for review. Heath
Review Of Dining Determinants	said Fremont Energy is on the determinants. The billing determinant
	program format was modified to add them in.
	program format was modified to add mom mi
Motion To Recommend	Motion: Druhot Second: DeWit
Approval Of Electric Billing	To recommend approval of electric billing determinants for May 2012 as
Determinants	follows:
	Generation Charge: Residential @ \$.07907; Commercial @ \$.09468;
	Large Power @ \$.05414; Industrial @ \$.05414; Demand Charge Large
	Power @ \$12.38; Industrial @ \$13.26; JV Purchased Cost: JV2 @
	\$.02826; JV5 @ \$.02826
Devel	Roll call vote on above motion:
Passed Yea-3	Yea- Druhot, DeWit, Engler
Nay-0	Nay-
Thay-0	Ivay-
Electric Department Report	Clapp gave the Electric Department Report (attached). (Sheaffer arrived.)
	We're working on putting a new primary at the hospital. It's not conduit
	and if it went out, it could take a couple days to get power back. We will
	work on this in the next few weeks. We don't know the cost yet. DeWit
	said we should take pride in fixing something before it breaks, especially
	for a place like the hospital.

Motion To Untable AMP EcoSmart Choice Program	Motion: DeWitSecond: DruhotTo remove AMP EcoSmart Choice Program from the table
Passed Yea-3 Nay-0	Roll call vote on above motion: Yea- Druhot, DeWit, Engler Nay-
AMP EcoSmart Choice Program	Bisher said AMP EcoSmart Choice Program was discussed last month, but the Committees wanted to make sure Heath was up to speed on the office side. Julia Blankenship introduced herself. She has done this program for the last 7+ years. She gave a PowerPoint presentation (attached).
	Blankenship said AMP plans to take funds left in the program at the end of the year and refund it to participating communities based on their kWh usage. EcoSmart Choice is an AMP brand program. There is no cost to participate in the program. It will require some more staff time to start and track this program. Successful enrollment is usually 1%-2% participation.
	Bisher said the issue initially came as net metering and people said they were interested in green power. It is a fairly inexpensive way to be green. We are still working on the hardware side. Heath said it looks like there will be four rate codes (residential, etc.). CMI will have to include the computation in the program. We will probably have a monthly rate code which will be another line item on the bill. It will take some more time. The question is what happens if someone skips town. Other cities net that off the reporting. This should be written in the contract. There will be costs, but AMP will pick up a lot of it. Heath doesn't know how much.
	The sign-up is a formal contract. People can go in and out of the program. Heath asked if any communities are CMI customers. Blankenship said she thinks Cuyahoga Falls and Bowling Green are. Heath said Bowling Green is not. Blankenship will check on this. Heath said it may be a \$2,000 investment. It is just an additional line on the bill. We can recover up to .2 cents per kWh. Other cities are designating a .2 difference to a separate fund for future green programs.
	Bisher said we always sold our RECs and don't have to do that. Heath said this is a customer service program and will cost money. DeWit said if it's a one-time cost, it's worthwhile. Heath said he wants to get it in the flow and not treat it as an exception. He would be against it if we needed more employees to do billing, etc. The big issue will be contracts with individuals. There should be a deposit. DeWit said the cost will be about \$30 per year per customer. Bisher said it would be bigger if it was an industrial customer.
	Engler requested that staff come up with specific costs if more time is needed. He doesn't want to pass something and then find out it costs more than we anticipated. He would like answers to questions regarding CMI, contracts, etc. Heath said his staff can visit Bowling Green or a city that is with CMI. DeWit said he is in favor of the program, but doesn't want to tie us up administratively.

Motion To Table AMP EcoSmart Choice Program	Motion: DruhotSecond:DeWitTo table AMP EcoSmart Choice Program pending more information
Passed	Roll call vote on above motion:
Yea-3	Yea- Druhot, DeWit, Engler
Nay-0	Nay
Wind Purchase Power Agreement	Bisher said information on the Blue Creek Wind Farm was in the packet. They offered a block of wind to AMP for 20 years. This is not an asset, but a PPA (purchase power agreement). There is a strong reason to do it and a strong reason not to. The offer got shortened to 10 years. There are some additional charges for transmission, but a good price for power overall even in 10 years. The problem is we have to finish up Gorsuch through 2014 and don't need power for the first couple years. Beyond that we will be short of power. The advantage of this power is the sooner you get it, the better. Solar RECs are hundreds of dollars and wind is \$1-\$5. DeWit asked who picks up the gap when it's not windy. We only need power from 8am - 5pm for 5 days a week from a non-interruptible power source. We could compare this rate, but it's an interruptible power source. Bisher said it's wind and that's one reason it's \$35. If this was 2014 and we were short, he would say not a bad deal; however, we are already long for 2 years. We wanted to bring it to the Committee because it was inexpensive. Engler said it may look inexpensive, but may not be inexpensive.
Motion Not To Purchase Wind	Motion: DeWit Second: Druhot
Power At This Time	Not to purchase wind power at this time
Passed	Roll call vote on above motion:
Yea-3	Yea- Druhot, DeWit, Engler
Nay-0	Nay
PUBLIC HEARING	Bisher said part of the Long Term Control Plan (LTCP) requires reporting
Oberhaus Interceptor Inflow &	to the public. Adam Hoff from Stantec gave a PowerPoint presentation on
Infiltration Reduction Study	the Oberhaus Interceptor Inflow & Infiltration Reduction Study (attached).
	<ul> <li>Hoff said we sent 500 invitations to this meeting to the residents this project effects and a survey. We have received 25 surveys back so far.</li> <li>Smoke used in smoke testing is non-toxic but has an odor. Residents should put a gallon of water in all drains in the house or the traps dry out. This will keep smoke from coming back in house or they can put a wet towel over the drain. They will bring high-velocity fans to houses if needed to get rid of smoke.</li> <li>2 to 3 weeks after smoke testing, they will do dyed water testing on areas that didn't smoke but should have</li> <li>DARS Cleaning will put TV cameras into about 40% of the collection system. The total area has about 40,000 linear feet.</li> <li>DeWit asked if the downtown has been viewed yet. Hoff said this has not been done yet. Generally speaking, brick sewers are very stout. It's on our radar screen outside of the LTCP. At some point we need to look at it and consider lining it.</li> <li>Hoff said they want residents to know who they are, what they do and why. They will wear fluorescent yellow construction shirts, ID</li> </ul>

	badge, and safety vests.
	There were no questions from those present. President Miller thanked Hoff for his presentation.
Sewer Tap Fees Based on Lot Size	Lulfs said Tom Zimmerman, Building Inspector, noticed that inside sewer rates on large commercial properties were figured on the size of the lot with a cap, but residentials had no cap. A house on a large lot could pay more than commercial. Zimmerman felt that residential should have a cap too. Zimmerman's memo recommends a base fee of \$87 for 7,200 sq foot lot and prorated up from there as follows: \$150 for a single family, \$300 for 2 families, \$450 for 3 families and anything beyond that is the commercial rate.
	Lulfs said a large lot may not all be buildable, but is being charged on acreage. Zimmerman wants stair step caps. Lankenau said this is not a large loss of revenue. Engler said it's a good idea to be fair. We can't cap one rate and not the other.
Motion To Change The Sewer	Motion: DeWit Second: Druhot
Tap Fees As Recommended	To change the flat fee of \$87 to a maximum of \$150 for a single family, \$300 for two families, and \$450 for 3 families with \$87 as the base
Passed	
Yea-3	Roll call vote on above motion:
Nay-0	Yea- Druhot, DeWit, Engler Nay-
Any Other Matters	DeWit recommended that billing determinants should also include the Fremont Gas impact on customers. We saved \$87,905 this month in the rate. Gorsuch was .068447 and Fremont was .047870. That would be almost \$1,000,000 saved annually. The public usually hears bad news.
Motion To Adjourn	Motion: Druhot Second: DeWit To adjourn the meeting at 8:03 PM
Passed Yea-3 Nay-0	Roll call vote on above motion: Yea- Druhot, DeWit, Engler Nay-
Date	Keith Engler, Chair

## Memorandum

To: Water, Sewer, Refuse, Recycling & Litter Committee, Council, Mayor, City Manager, City Law Director, City Finance Director, Department Supervisors
From: Gregory J. Heath, Finance Director/Clerk of Council
Date: 6/5/2012
Re: Water, Sewer, Refuse, Recycling & Litter Committee Meeting Cancellation

The Water, Sewer, Refuse, Recycling & Litter Committee, which is regularly scheduled to meet on Monday, June 11 at 7:00 PM, has been <u>CANCELED</u> due to lack of agenda items.

City of Napoleon, Ohio

## Municipal Properties, Buildings, Land Use, and Economic Development Committee

LOCATION: City Hall Offices, 255 West Riverview Avenue, Napoleon, Ohio

## Special Meeting Agenda

Monday, June 11, 2012 at 7:00 PM

- I. Minutes of May 14, 2012 (In the absence of any objections or corrections, the Minutes shall stand approved.)
- II. Sidewalk Issue particularly on Jahns Road
- III. Review Updated Information from Staff on Economic Development (as needed)
- IV. Any Other Matters Currently Assigned to Committee
- V. Adjournment

Gregory J. Heath, Finance Director/Clerk of Council

#### City of Napoleon, Ohio <u>Municipal Properties, Buildings, Land Use & Economic Development Committee</u> <u>Meeting Minutes</u> Monday, May 14, 2012 at 7:30 PM

PRESENT **Committee Members** John Helberg - Chair, Jeff Lankenau, Patrick McColley, Mayor Ron Behm Dr. Jon A. Bisher, City Manager **City Staff** Trevor Hayberger, Law Director Gregory Heath, Finance Director/Clerk of Council Chad Lulfs, City Engineer Recorder Barbara Nelson Steve Lankenau, Robin Weirauch, Joel Miller Others ABSENT Committee None Acting Chairman Lankenau called the meeting to order at 8:07 PM **Call To Order** Minutes of the April 9, 2012 meeting stand approved as presented. **Minutes Stand Approved** Motion To Untable Review Of Motion: McColley Second: Mayor Behm **Options For Holiday Inn Pump** To remove Review of Options for Holiday Inn Pump Station Elimination **Station Elimination Project** *Project* from the table Passed Roll call vote on above motion: Yea-4 Yea- McColley, Mayor Behm, Helberg, Lankenau Nav-0 Nav-**Review of Options for Holiday** Helberg arrived. Bisher said we plan to take out the old Holiday Inn pump **Inn Pump Station Elimination** station that's falling apart and do a gravity sewer instead. Lulfs said the Project original proposal would cost approximately \$165,000. Upsizing the pipe to 18", keeping the maximum depth and minimum slope would be about \$410,000. He was directed to look at other options. The cost to run a larger diameter pipe parallel with the creek up to 108 would cost approximately \$450,000 using open cutting. The EPA has not responded as to whether they would approve this or not. Directional drilling the main and using manholes would cost approximately \$615,000. These are ballpark numbers because they require 9 or 10 easements. Helberg said he hates to throw away \$165,000. McColley said it would cost a lot more to do it the way we want to do it. Lankenau said if we didn't have EPA mandates, we could do it the other way. Bisher said he received inquiries from time to time on developing that area. The question is, do we put in infrastructure now and wait for development or let them build and assess it. If we spent this money, it would open up that area. Helberg asked whether to hold the \$165,000 and wait until the first of the year to see if we can get the rest of the money in next year's budget. Bisher said if the pump station goes, we will wish we had done it now. The people that have to make this work have been trying to keep it holding on. Businesses will be shut down if the pump station goes. It's been in bad shape

	for 5 years. The gravity idea saves a lot of money. These are not mutually exclusive events. If we decide to move forward with development, we could bore deep and get there. Lulfs said if we were in better financial shape, he would absolutely replace the interceptor sewer. With its present condition it is imperative to get the pipe in there. He doesn't know if the pump station will last to the end of the year.
Motion To Follow Staff Recommendation For \$165,000	Motion: McColleySecond: LankenauTo follow the recommendation of staff for the estimated \$165,000 optionfor the Holiday Inn Pump Station Elimination Project
	Lulfs said these options get us to Scott St. There will be additional costs to get to Glenwood.
Passed: Yea-4 Nay-0	Roll call vote on above motion: Yea- McColley, Mayor Behm, Helberg, Lankenau Nay-
Amendment To Income Tax & CRA For Koester Corporation	Lankenau said Ralph Lange can't be here tonight, but sent a packet of information. This extends Koester's expansion completion date by 7 months due to a delay caused by the weather. They will spend \$2,750,000 instead of \$1,750,000. They already exceeded their goal on employment. Hayberger said one piece of legislation is for the CRA and extension. The other is for income tax. Both pieces of legislation need an emergency clause.
Motion To Amend Koester Agreement As Recommended	Motion: Lankenau Second: McColley To amend the Koester agreements as requested by Ralph Lange, CIC Director
Passed: Yea-4 Nay-0	Roll call vote on above motion: Yea- McColley, Mayor Behm, Helberg, Lankenau Nay-
	Members agreed that legislation should be brought to the next Council meeting for consideration.
Review Updated Information From Staff On Economic Development (As Needed)	Bisher said there was nothing to present on this agenda item tonight.
Motion To Go Into Executive Session To Discuss Acquisition Of Property	Motion: McColley Second: Lankenau To go into Executive Session to discuss acquisition of property.
Passed: Yea-4 Nay-0	Roll call vote on above motion: Yea- McColley, Mayor Behm, Helberg, Lankenau Nay-
	Bisher said Robin Weirauch, Steve Lankenau and Joel Miller have been critical in working in the downtown area. He recommended that they be included in the first part of executive session.
	2  of  2

Into Exec Session At 8:30 PM	The Committee went into Executive Session at 8:30 PM with Weirauch, S. Lankenau, and J. Miller.
Motion To Come Out Of Executive Session	Motion: Lankenau Second: McColley To come out of Executive Session
Passed: Yea-4 Nay-0	Roll call vote on above motion: Yea- McColley, Mayor Behm, Helberg, Lankenau Nay-
Out Of Exec Session At 9:07	The Committee came out of Executive Session at 9:07 PM.
	Chairman Helberg reported that executive session was held to discuss acquisition of property. No action was taken.
Motion To Adjourn	Motion: McColley Second: Lankenau To adjourn the meeting at 9:07 PM
Passed:	Roll call vote on motion:
Yea-4 Nay-0	Yea- McColley, Mayor Behm, Helberg, Lankenau Nay-
Date	John Helberg, Chair

City of Napoleon, Ohio

## RECORDS COMMISSION

LOCATION: City Hall Offices, 255 West Riverview Avenue, Napoleon, Ohio

## MEETING AGENDA

Tuesday, June 12, 2012 at 4:00 PM

- I. Approval of Minutes from December 12, 2011 (In the absence of any objections or corrections, the minutes shall stand approved.)
- II. Review of Records Retention Schedules:A. Law Department
- III. Review of Auditor's Best Practices for Responding to Public Records Requests (Tabled)
- IV. Update on RC-1, RC-2 & RC-3 Forms (per OHS 1/6/12 memo)
- V. Any Other Matters to Come Before the Commission.

Gregory J. Heath, Finance Director/Clerk of Council

#### City of Napoleon, Ohio RECORDS RETENTION COMMISSION

Meeting Minutes

Tuesday, December 12, 2011 at 4:00 PM

PRESENT				
Members	David Grahn, Gregory Heath, George Schmidt			
Acting Recorder	Barbara Nelson			
Others	None			
ABSENT	Mayor J. Andrew Small, Dr. Jon Bisher			
Call To Order	Acting Chairperson Grahn called the meeting to order at 4:20PM, noting a quorum was present.			
Minutes Approved	Minutes of the June 14 meeting stand approved as presented with no objections.			
<b>Review Of Police RC-1</b>	Those present reviewed police department's Form RC-1.			
Motion To Approve Police RC-1	Motion: Heath Second: Grahn To approve the police department RC-1.			
Passed	Roll call vote on above motion:			
Yea-3	Yea- Grahn, Heath, Schmidt			
Nay-0	Nay-			
<b>Review Of Police RC-2</b>	A summary of changes submitted by Lt. Mack and Chief Weitzel for the			
	Police Department RC-2 was reviewed by those present.			
Motion To Approve the	Motion: Heath Second: Schmidt			
Police RC-2	To approve the police department RC-2.			
Passed	Roll call vote on above motion:			
Yea-3	Yea- Grahn, Heath, Schmidt			
Nay-0	Nay-			
<b>Review Of Auditor's Best</b>	Heath said he included the Auditor's best practices procedures for the			
Practices For Responding To	Commission to review.			
Public Records Requests				
Motion To Table	Motion: Heath Second: Schmidt			
Within 10 Table	To table Review Of Auditor's Best Practices For Responding To Public			
	Records Requests			
Passed Yea-3	Roll call vote on above motion:			
Nay-0	Yea- Grahn, Heath, Schmidt Nay-			
-				
Other Items	None			

Motion To Adjourn	Motion: Heath To adjourn the meeting at 4:28 PM	Second: Grahn 1
Passed Yea-3 Nay-0	Roll call vote on above motion: Yea- Grahn, Heath, Schmidt Nay-	
Date Approved:	Mayor Populd A. Rohm Choir	
	Mayor Ronald A. Behm, Chair	



800 E. 17<sup>th</sup> Avenue Columbus, Ohio 43211-2497

## **RECORDS RETENTION SCHEDULE (RC-2)**

See instructions before completing this form.

#### Section A: Local Government Unit

City of Napoleon, Henry County, Ohio, City Law Director Department

(local government entity)	Trevor M. Haybe	(unit) Trevor M. Hayberger, City Law Director		
(signature of responsible official)	(name)	(title)	(date)	
Section B: Records Commission				
City of Napoleon Records Commis	ssion	419.592.4010		
Records Commissi	ion	(telephone num	per)	
		(telephone num	oer)	

To have this form returned to the Records Commission electronically, include an email address: bnelson@napoleonohio.com

I hereby certify that our records commission met in an open meeting, as required by Section 121.22 ORC, and approved the schedules listed on this form and any continuation sheets. I further certify that our commission will make every effort to prevent these records series from being destroyed, transferred, or otherwise disposed of in violation of these schedules and that no record will be knowingly disposed of which pertains to any pending legal case, claim, action or request. This action is reflected in the minutes kept by this commission.

Records Corr	nmission Chair Signature	Date
Section C: O	hio Historical Society - State Archives	
Signature	Title	Date
Section D: A	uditor of State	
Signature		Date
lt	Please Note: The State Archives retains RC-2 forms permanently. is strongly recommended that the Records Commission retain a permanent copy of this form	



800 E. 17<sup>th</sup> Avenue Columbus, Ohio 43211-2497

#### Section E: Records Retention Schedule

City of Napoleon, Henry County, Ohio, City Law Director Department

(local government entity)

(unit)

(1) Schedule Number	(2) Record Title and Description	(3) Retention Period	(4) Media Type	(5) For use by Auditor of State or OHS-LGRP	(6) RC-3 Required by OHS- LGRP
LD-001	Legal Opinions	1 Year	All		
LD-002	Not Active				
LD-003	Pending Criminal and Traffic Electronic Filings (filed in Court)	5 Years	AII		
LD-004	Not Active				
LD-005	Not Active				
LD-006	Weekly Calendar	Until New List Is Created	All		
LD-007	Requisitions (carbon copy)	NR/Originals In Finance Department	All		
LD-008	Not Active				
LD-009	Criminal and Traffic Files (closed)	5 Years	All		
LD-010	Letters in Lieu of Charges	1 Year	All		
LD-011	Correspondence (general)	6 Months	All		
LD-012	Not Active				
LD-013	Not Active				



800 E. 17<sup>th</sup> Avenue Columbus, Ohio 43211-2497

(1) Schedule Number	(2) Record Title and Description	(3) Retention Period	(4) Media Type	(5) For use by Auditor of State or OHS- LGRP	(6) RC-3 Required by OHS- LGRP
LD-014	Not Active				
LD-015	Not Active				
LD-016	Civil Files (closed)	5 Years	All		
LD-017	Draft Copies of Documents	Until New Draft Or Original Made	All		
LD-018	Electronic Mail (including attachment(s))	NR/Originals Located in MIS Department	Electronic		
LD-019	Approval Form for Ordinances- Resolutions	2 Years	Paper		
LD-020	Not Active				
LD-021	Affidavit Maker (criminal charges)	NR/Originals Located in MIS Department	Electronic		
LD-022	Pink Notes	NR/Originals Located in MIS Department	Electronic		
LD-023	Record Retention Schedule	NR/Originals Located in Finance Department	All		
LD-024	Audio File (other than for Prosecution)	30 Days	All		
LD-025	Photographs (other than for Prosecution)	30 Days	All		
LD-026	Alchemy	NR/Originals Located in MIS Department	Electronic		



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(1) Schedule Number	(2) Record Title and Description	(3) Retention Period	(4) Media Type	(5) For use by Auditor of State or OHS- LGRP	(6) RC-3 Required by OHS- LGRP
LD-027	Professional Qualifications	1 Year	All		
LD-028	Contracts	NR/Originals Located in Finance Department	Paper		
LD-029	Court Scans	NR/Originals Located in Municipal Court Department	Electronic		



## Dave Yost • Auditor of State

Bulletin 2011-006

Auditor of State Bulletin					
Date Issued:	October 21, 2011				
то:	To All Public Offices and Independent Public Accountants				
FROM:	Dave Yost, Ohio Auditor of State				
SUBJECT:	Best Practices for Responding to Public Records Requests – Updated				

#### I. Public Records

#### A. A Hope, a Goal, a Right

The concept of "public records" and access of the people to those records has a rich history in the United States. The Founding Fathers, under English Common Law, knew well the pitfalls and inequities of a government where the records were the property of only an elite few and access to those records was, at best, guarded. In creating this Nation, the Founding Fathers carved out many new democratic rights for citizens. Key among these rights is the ability to participate in government, and the previously unheard-of-right to inspect government records and observe government deliberations. Transparency, after all, makes a more accountable government. Although now firmly secured for Ohio citizens as a "right" by virtue of the Ohio Public Records Act (the "Act"), all public servants have a legal responsibility to ensure that both the letter and spirit of the Act are upheld.

#### B. What does the Ohio Public Records Act require?<sup>i</sup>

Ohio law requires that a public office make public records available for inspection or copying, depending on the request. The time required for a response depends on the type of request.

- (1) If a request is to inspect public records response must be prompt.
- (2) If copies are requested those copies must be provided within a <u>reasonable period of time</u>.

As is often noted, the terms "promptly" and "reasonable period of time" are not defined by a specific period of time. Rather, these terms have been interpreted by courts to mean "without delay" and "with reasonable speed,<sup>iii</sup>" and the ultimate determination of "reasonableness" will differ in each case depending on the particular facts and circumstances of a request.<sup>iii</sup> Additionally, courts have held that a "prompt" or "reasonable period of time" includes the time for a public office to (1) identify the responsive records; (2) locate and retrieve records from place of storage; (3) review, analyze and make necessary redactions (or legal review); (4) prepare the requests; and (5) provide for delivery.

Not all documents and information kept by a public office is subject to disclosure under the Act. In these instances, it may be necessary to withhold records or redact the relevant information from the response. When redacting information from a request, the public office is required to notify the requester of any redaction or make the redaction plainly visible.<sup>iv</sup> Additionally, where the request is denied, in whole or in part, including redactions, the public office must provide the requester with a reason, including the legal authority for the denial/redaction.<sup>v</sup>

#### **C.** Penalties

What happens when there has been a violation of the Act? A warning? An administrative investigation? No - neither of these items are provided for in the Act. Instead, the Act gives an "aggrieved party" the right to sue in court for the records. There is no other body that alerts a public office that an allegation of noncompliance exists or that litigation may be forthcoming. Therefore, a public office often becomes aware of an allegation of noncompliance through service of a lawsuit.

Penalties provided for in the Act can also be quite severe, depending on the nature of the noncompliance. The penalties can range from a court order to force compliance (a mandamus action) to the awarding of statutory damages, attorneys fees and court costs. In addition, if records are not properly retained in accordance with an approved record retention schedule, a public office may be fined up to \$1,000 per record. Prior to a recent law change, the amount a public office could be fined was not capped. For instance, one court fined a city approximately \$861,000 for improper destruction of public records.

Members of the Ohio General Assembly capped a public office's liability for improper destruction of public records in Ohio's recently-passed operating budget legislation – Am. Sub. House Bill 153 of the 129<sup>th</sup> General Assembly. This new cap limits a public office's liability to a cumulative total of \$10,000, regardless of the number of violations. It also limits attorney's fees to an amount not to exceed the total penalty. According to the Ohio Secretary of State's office, these changes became law on September 29, 2011.

The Ohio Supreme Court also recently clarified who may bring a lawsuit under the Act as an "aggrieved party" for improper destruction of public records.<sup>vi</sup> In the Court's opinion, Justice McGee Brown writes:

"The requirement of aggrievement indicates that a forfeiture is not available to 'any person' who has made a request and discovered that the records were not available due to the public office's violation of R.C. 149.351; it is available *only* to a person who made a request with the goal being to access the public records. If the goal is to seek a forfeiture, then the requester is not aggrieved. The presumption, however, is that a request for public records is made in order to access the records." *Emphasis added.*<sup>vii</sup>

So, if a public office is able to establish that the requester does not actually want records being requested and instead only wants the request to be denied, then a court may conclude that the requester was not aggrieved by destruction of public records. The burden of proof, however, is on the public office to demonstrate this intent, and the risk of litigation is still high.

#### II. Best Practices for Compliance with the Act

Access to public records is a right that underlies the fundamental principles of democracy. A citizen's right to know how government operates is a right that needs to be protected and preserved.

Ohio public records laws are sometimes confusing, and responding to a request can be burdensome on an already burdened public office. Noncompliance with the laws, however, will be costly to taxpayers.

The Auditor of State's recommendations for best practices are not intended to add to the responsibilities of your office or to place additional burdens on you or your staff. Rather, we hope our recommendations will help a public office streamline its response process and insulate itself from liability in the event of litigation.

In reviewing the requirements of the Act, discussing the practical problems of compliance with local government officials, and also examining the multitude of new public records litigation, it has become clear that additional documentation, organization and early detection would prove beneficial to both the public office and a potential records requester.

#### A. Public Records Log

In seeking to achieve these goals, we recommend that each public office keep a log of all public records requests not fulfilled at the time they are made. Ideally, this log would include the following components:

- Date of request;
- Name of person or entity making the request (if provided);
- Type of records requested;
- Date of release;
- Legal authority for any redactions/withholdings; and
- Name of person fulfilling the request.

The attachment to this bulletin provides a sample of a public records log similar to one utilized in the Auditor of State's Office and other Ohio public offices. A log, however, may be in any form, *e.g.* a log book, a spreadsheet, or files maintained together.

It is important to note that the maintenance of such a log is not a legal requirement. Rather, it is a recommended best practice that is designed to help public entities ensure compliance with the Act.

The goal of this recommendation is not to create additional work for the public office. Instead, it is the Auditor's hope that, by maintaining all information in a central location, the response process will be streamlined, and the risk of litigation and, ultimately, liability lessened.

#### **B.** Copies of Public Records Requests

Another recommended best practice is to make copies of responses to public records requests that include redactions so you know what you have provided. These copies should be kept in accordance with your records retention schedule.

#### C. Other Best Practices

Other best practices recommended include the following:

- Training employees on how to handle public records requests;
- Assigning a central point of contact for your office or each division/section;
- If a request is in writing, date stamp when you receive the request;
- Notifying legal counsel when a request is received and redactions may be required;
- Acknowledging receipt of a request that requires legal review and possible redactions, include guidance on when you anticipate responding;
- Documenting when you respond to a request; and
- Addressing how long you will maintain copies of public records requests in your records retention schedule.

#### III. Putting the Recommendations for Best Practices to Work

#### A. What Does this Mean for a Public Office?

Many public offices record public records requests in some form. Additionally, many public offices have a record of what was released, the date it was released, and what, if any, redactions were made. The Auditor's recommendations for best practice simply suggest keeping all of that information in one central location.

Whether the entity's public records requests are filled by one employee or fielded by multiple staff members, the Auditor's recommendations for best practices will help ensure compliance and accuracy. Relevant employees will be able to identify duplicate or similar requests and be more efficient in the filling, redaction and response.

Finally, the Auditor's recommendations will help a public office protect itself from liability in the event of litigation. The recommended public records log would serve to demonstrate the specifics of compliance in each instance.

#### **B. Examples**

Q. I am a county auditor fulfilling a request for a copy of a map. I am providing a copy at the time the request is made and I am not making any redactions? Am I required to log this request and keep a copy?

• In this case, a copy of the map was immediately provided to the requestor so the Auditor's recommendation for maintaining a log would not apply. In addition, there were no required redactions so the Auditor's recommendation for keeping copies of the response would not apply.

*Q.* I am a county recorder – am I required to log all requests for copies of title records maintained by my office? My office makes these records available for inspection and copying in a public area of my office. Therefore, I fulfill these requests at the time they are requested.

• Same as above – in this case, these records are made readily available to the public. In addition, copies are immediately provided to the requestor so the Auditor's recommendation for maintaining a log would not apply.

*Q. 1 am a school district treasurer for a very large school district – does the Auditor's recommended best practices require that my school hire an additional employee to handle all public records requests and maintain the log?* 

- No. Each public office handles its responsibilities under the Act a little bit differently. Some entities do employ a separate public records officer to coordinate and respond to all public records requests. Other entities have several employees, often one in each department/division, that respond to public records requests. Typically, these employees are not employed solely to respond to public records requests. Rather, this is one of several duties that the employee may have. The decision of how to utilize staff and resources is, ultimately, a management decision to be made by each entity. Utilization of the public records log will work in any environment.
- In this case, the school may want to assign a point of contact in each building to handle public records requests.

*Q. I run a city building department.* Do I need to log requests for applications for a permit and information submitted as part of that application? Do I need to log when I issue a permit?

- No. Requests for applications and issuances of permits are outside of the scope of logging recommendations.
- Public offices, however, may want to log requests for copies of permits if copies are not immediately provided to the requestor.

*Q. What if I decide not to implement the Auditor's recommended best practices? Will the public office I represent be cited for noncompliance in an audit report?* 

• No. The Auditor's recommendations for best practice are not a legal requirement. Rather, they are suggestions to help a public office comply with the Act and limit risk. If a public office, however, lacks controls for compliance with public records requests; this may be noted in an audit report or management letter.

#### C. Court Records

Ohio courts are subject to the Rules of Superintendence for the Courts of Ohio, adopted by the Supreme Court of Ohio. The Rules of Superintendence establish rights and duties regarding court case documents and certain administrative documents, starting with the statement that "[c]ourt records are presumed open to public access." Sup. R. 45(A). While similar to the Act, the Rules of Superintendence contain additional or different provisions for these records. As such, this bulletin does not apply to courts. The Rules of Superintendence are available at the link below.

http://www.sconet.state.oh.us/LegalResources/Rules/superintendence/Superintendence.pdf.

#### IV. Putting it All Together

#### A. Open Government or Public Records Hotline-888.877.7760

In seeking additional ways to aid local governments in compliance, the Auditor has established an Open Government or Public Records Hotline. This hotline is a separate telephone number that links directly to the Auditor's Open Government Unit. The hotline is available to receive complaints from any person that feels he/she has been aggrieved under the Act.

After receiving a complaint, the Auditor will notify the relevant public office that a complaint has been filed. In addition, staff in the Auditor's Open Government Unit may forward the complaint to audit staff for review during an entity's next regular audit. At that point, staff in our Open Government Unit's involvement is complete. Once notified, the public office has the ability to address the complaint. The goal of the hotline is to provide the public office with notice and the opportunity to correct any noncompliance before the onset of litigation. While we are not able to provide legal advice, we will also direct public officials to available resources to answer any questions they may have about compliance with the Act.

#### **B. Audits**

During the 2012 annual financial or bi-annual financial audit, the Auditor's staff, in a sample of public offices, will analyze a public office's process and procedures to determine if the office has controls to ensure compliance with the Act. Using a log is an example of one of these controls. This inquiry and any additional analysis will aid the Auditor's staff in analyzing any risks facing the public entity and in making recommendations to improve controls in an effort to reduce risks.

We hope these recommendations for best practices will help public offices navigate the requirements of the Act, minimize risk, and, ultimately, provide for more efficiency. Should you have any questions about these best practices, please do not hesitate to contact us at 800-282-0370.

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Dave Yost/ Ohio Auditor of State

http://www.auditor.state.oh.us/services/opengov/resources/2011-3-15\_SunshineLawsManual\_CO.pdf "State ex rel. Office of Montgomery Cty. Pub. Defender v. Siroki, 108 Ohio St.3d 207, 2006-Ohio-662, at ¶16; State ex rel. Consumer News Serv., Inc. v. Worthington City Bd. of Educ., 97 Ohio St.3d 58, 2002-Ohio-5311, at ¶37; see also, State ex rel. Wadd v. City of Cleveland, 81 Ohio St.3d 50,53, 1998-Ohio-444.

<sup>wi</sup> State ex rel. Morgan v. Strickland, 121 Ohio St.3d 600, 2010-Ohio-1901 ("Given the broad scope of the records requested, the governor's office's decision to review the records before producing them, to determine whether to redact exempt matter, was not unreasonable."); State ex rel. Dispatch Printing Co. v. Johnson, 106 Ohio St.3d 160, 2005-Ohio-4384, at ¶44 (delay due to "breadth of the requests and the concerns over the employees' constitutional right of privacy" was not unreasonable); State ex rel. Consumer News Serv., Inc. v. Worthington City Bd. of Educ., 97 Ohio St.3d 58, 2002-Ohio-5311; State ex rel. Stricker v. Cline (5th Dist.), 2010-Ohio-3592 (provision of records within nine business days was a reasonable period of time to respond to a records request.); State ex rel. Holloman v. Collins (10th Dist.), 2010-Ohio-3034 (Assessing whether there has been a violation of the public records act, the critical time frame is not the number of days between when respondent received the public records request and when relator filed his action. Rather, the relevant time frame is the number of days it took for respondent to properly respond to the relator's public records request.). <sup>w</sup> R.C. 149.43(B)(1).

v R.C. 149.43(B)(3).

vi Id.

<sup>&</sup>lt;sup>i</sup> This is a general overview of Act and its requirements. For a more complete look at Ohio Public Records Law, including the rights, duties and protections provided, please consult the Ohio Sunshine Manual located at

vi See Rhodes v. New Philadelphia, Slip Opinion No. 2011-Ohio-3279 (2011).

# (NAME OF AGENCY/DEPARTMENT/SUBDIVISION) LOG OF PUBLIC RECORDS REQUESTS (PERIOD OF TIME COVERED BY LOG)

20	19	18	17	16	5	14	13	12	=	10	6	8	7	5	UT	4	۵	N			*****
																					DATE RECEIVED
																			:		DATE OF RESPONSE
																					NAME OF REQUESTING PERSON OR ENTITY
																					DESCRIPTION OF RECORDS REQUESTED RECORDS KEPT
																				YES	COPY O RELEA RECOR
																				NO	SED DS
																-				YES	EXEM REDA
																				NO	EXEMPTION/ REDACTION
																					LEGAL AUTHORITY FOR EXEMPTION/ REDACTION
																					NAME OF PERSON FULFILLING REQUEST



January 6, 2012

Dear Local Government Records Commission:

Enclosed is a copy of the Application for One-Time Disposal (RC-1) and/or the Schedule of Records Retention and Disposition (RC-2).

Please be aware that the Ohio General Assembly changed some of the records management procedures as part of House Bill 153 (the FY2012-2013 state budget). These changes, to take effect on September 29, 2011, include:

- Application for One-Time Disposal (RC-1): Records listed on RC-1 forms will <u>not</u> need to be listed on separate Certificates of Records Disposal (RC-3) forms. Instead these records may be disposed upon receipt of the RC-1 form signed by the State Archives and the State Auditor's Office.
- Schedule of Records Retention and Disposition (RC-2): Records listed on RC-2 forms may be disposed without submitting a Certificate of Records Disposal (RC-3) to the State Archives <u>unless</u> the State Archives has indicated on the RC-2 form that an RC-3 form should be submitted for that particular record series. The State Archives will be noting on the RC-2 form which record series will need to be included on Certificates of Records Disposal and submitted to the State Archives.

Please note that these changes do not take effect until September 29 and are therefore only for RC-1 and RC-2 forms approved by records commissions after September 29, 2011. Records that will be disposed according to RC-1 or RC-2 forms approved by records commissions before September 29, 2011 should continue to submit the Certificates of Records Disposal (RC-3 form) to the State Archives.

The State Archives has the following recommendations for local governments as the new procedures are implemented:

- Including a description of the record series on the RC-2 form will assist the State Archives with determining the potential historical value of the records and the need to submit an RC-3 for the records. The description should not only include what type of information is included in the records but also how the records are used by the office.
- If you wish to dispose of a record that is more than 50 years old, please contact the State Archives, even if the retention schedule does not require a Certificate of

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Records Disposal. While the age of a record is not the only factor that determines historical value, in general records that are 50 years old or older are more likely to have historical value.

 Local governments should still document internally the disposal of their records, even for those series that are not required by the State Archives to be listed on Certificates of Records Disposal (RC-3 forms). Maintaining documentation on the destruction of records will assist in complying with public records requests by showing that records have been legally disposed.

More information on the changes in procedures is available on our website at <u>http://www.ohiohistory.org/resource/lgr/</u>. If you have any questions please don't hesitate to contact the Ohio Historical Society's Local Government Records Program at 614-297-2553 or <u>localrecs@ohiohistory.org</u>.



#### **INSTRUCTIONS - FORM RC-1** (Use only for records no longer created and maintained)

#### Section A: Local Government Unit

- Include the name of the municipality, county, township, school, library, or special taxing district (local government entity) for which the form is being submitted.
- Include the unit (department, agency, office), if applicable.
- The departmental official directly responsible for the records must sign and date the form.

#### Section B: Records Commission

- Complete the phone number and mailing address for the Records Commission, including the county.
- To have this form returned to the Records Commission electronically, include an email address. It is the responsibility of the Records Commission to forward an electronic or paper copy of the approved form to the appropriate department.
- The Records Commission Chairperson must sign the certification statement before it can be reviewed and signed at the Ohio Historical Society by the Local Government Records representative, and approved by the Auditor of State's Office.

#### Section C: Ohio Historical Society - State Archives

 The reviewing agent from the Ohio Historical Society Local Government Records Program (OHS-LGRP) will sign the form and forward it to the Auditor of State's Office.

#### Section D: Auditor of State

• The approving agent at the Auditor of State's office will sign the form and return it to the OHS-LGRP.

#### Section E: Table of Records to be Disposed

- Schedule numbers can be expressed by a year and item numbering scheme for each records series being scheduled, for example, 09-1, 09-2. Another option is to include a unique abbreviated identifier for each office, for example, Eng. [Engineer] 1, Eng. 2, etc. The numbering schema is your choice.
- Include the title of the records series and a brief description of each series for which a one-time disposal is being requested. List the beginning and ending months and years covered by the records series. For example: April 1945 to May 1992.
- 3) Include the media format of the records proposed for disposal.
- If retaining records in an alternate media format, include the new format. For example, if you are disposing of paper originals and retaining a certified microfilm copy, list "Microfilm" here.
- 5) For use by the Auditor of State or the OHS-LGRP.

#### **GENERAL INSTRUCTIONS:**

- --- For questions related to records scheduling and disposition, contact OHS-LGRP at: (614) 297-2553 or at localrecs@ohiohistory.org
- After completing sections A and E, submit the form to your records commission so it can be approved in an open meeting pursuant to Section 121.22 ORC. See Ohio Revised Code Section 149.38 (counties), 149.39 (municipalities), 149.41 (school districts), 149.411 (libraries), 149.412 (special taxing districts) and 149.42 (townships) for the composition of your records commission. Your records commission completes section B and sends the form to OHS-LGRP at:

localrecs@ohiohistory.org	OR	The Ohio Historical Society State Archives of Ohio Local Government Records Program 800 E. 17 <sup>th</sup> Avenue
		Columbus, OH 43211-2497

- --- The OHS-LGRP will review this RC-1 and forward it to the Auditor of State's Records Officer, Columbus.
- --- This RC-1 is in effect when all signatures have been affixed to it. OHS-LGRP will return a copy of the approved form to the Records Commission. The local records commission and the originating office should retain permanent copies of the form to document legal disposal of public records.

Page \_\_\_\_\_ of

Date



Ohio Historical Society State Archives of Ohio Local Government Records Program

800 E. 17<sup>th</sup> Avenue Columbus, Ohio 43211-2497

For State Archives - LGR	P Use	Only
Date Received:		
Date Reviewed:		
Items requested for transfer:	YES	NO
If YES, attach copy of transfer form		

## ONE-TIME DISPOSAL OF OBSOLETE RECORDS (RC-1) - Part 1

See instructions before completing this form. Must be submitted with PART 2

#### Section A: Local Government Unit

(local government entity)		(unit)	
(signature of responsible official)	(name)	(title)	(date)
Section B: Records Commission			
	Records Commis	sion	
		(te	elephone number)
(address)	(city)	(zip code)	(county)
To have this form returned to the Record I hereby certify that our records commiss schedules listed on this form and any cor these records series from being destroye	ion met in an open meeting, as itinuation sheets. I further cert d, transferred, or otherwise dis	required by Section 121.22 ify that our commission will r posed of in violation of these	make every effort to prevent e schedules and that no recor
will be knowingly disposed of which perta minutes kept by this commission.	ins to any pending legal case,	claim, action or request. Th	is action is reflected in the

Records Commission Chair Signature

Date

#### Section C: Ohio Historical Society - State Archives

Signature Title Date

Section D: Auditor of State

Signature

Please Note: The State Archives retains RC-1 forms for seven years. It is strongly recommended that the Records Commission retain a permanent copy of this form.



800 E. 17<sup>th</sup> Avenue Columbus, Ohio 43211-2497

## **ONE-TIME DISPOSAL OF OBSOLETE RECORDS (RC-1) – Part 2**

See instructions before completing this form. Must be submitted with PART 1

#### Section E: Table of Records to be Disposed

(local government entity)

(unit)

(1) Schedule Number	(2) Record Title and Description (Inclusive Dates)	(3) Media Type to be disposed	(4) Media Type to be retained	(5) For use by OHS-LGRP or Auditor of State

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800 E. 17<sup>th</sup> Avenue Columbus, Ohio 43211-2497 For State Archives - LGRP Use Only

Date Reviewed:

Form Scanned: \_\_\_\_

## **RECORDS RETENTION SCHEDULE (RC-2)**

See instructions before completing this form.

(To complete this form online, use "tab" key to jump from box to box.) Section A: Local Government Unit (unit) (local government entity) (date) (title) (signature of responsible official) (name) Section B: Records Commission (telephone number) **Records Commission** (zip code) (county) (address) (city) To have this form returned to the Records Commission electronically, include an email address: I hereby certify that our records commission met in an open meeting, as required by Section 121.22 ORC, and approved the schedules listed on this form and any continuation sheets. I further certify that our commission will make every effort to prevent these records series from being destroyed, transferred, or otherwise disposed of in violation of these schedules and that no record will be knowingly disposed of which pertains to any pending legal case, claim, action or request. This action is reflected in the minutes kept by this commission. Date **Records Commission Chair Signature** Section C: Ohio Historical Society - State Archives Date Title Signature Section D: Auditor of State Date Signature Please Note: The State Archives retains RC-2 forms permanently. It is strongly recommended that the Records Commission retain a permanent copy of this form


Ohio Historical Society State Archives of Ohio Local Government Records Program

800 E. 17<sup>th</sup> Avenue Columbus, Ohio 43211-2497

#### Section E: Records Retention Schedule

(local government entity)

(unit)

(1) Schedule Number	(2) Record Title and Description	(3) Retention Period	(4) Media Type	(5) For use by Auditor of State or OHS-LGRP	(6) RC-3 Required by OHS- LGRP
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Ohio Historical Society State Archives of Ohio Local Government Records Program 800 E. 17<sup>th</sup> Avenue Columbus, Ohio 43211-2497

### **INSTRUCTIONS**—RC-2

#### Section A: Local Government Unit

- Include the name of the municipality, county, township, school, library, or special taxing district (local government entity) for which the form is being submitted.
- Include the unit (department, agency, office), if applicable.
- The departmental official directly responsible for the records must sign and date the form.

#### Section B: Records Commission

- Complete the phone number and mailing address for the Records Commission, including the county.
- To have this form returned to the Records Commission electronically, include an email address. It is the responsibility of the Records Commission to forward an electronic or paper copy of the approved form to the appropriate department.
- The Records Commission Chairperson must sign the certification statement before it can be reviewed and signed at the Ohio Historical Society by the Local Government Records representative, and approved by the Auditor of State's Office.

#### Section C: Ohio Historical Society - State Archives

- The reviewing agent from Ohio Historical Society Local Government Records Program (OHS-LGRP) will indicate on your RC-2 which records series will require a Certificate of Records Disposal (RC-3) prior to disposal.
- They will sign the form and forward it to the Auditor of State's Office.

#### Section D: Auditor of State

• The approving agent at the Auditor of State's office will sign the form and return it to the OHS-LGRP.

#### Section E: Records Retention Schedule

- Schedule numbers can be expressed by a year and item numbering scheme for each records series being scheduled, for example, 09-1 and 09-2. Another option is to include a unique abbreviated identifier for each office, for example, Eng. [Engineer] 1, Eng. 2, etc. The numbering schema is your choice, and it will be used later on your Certificate of Records Disposal (RC-3).
- Include the title of the records series and a brief description of each series. Please provide information about the content and use of the records series.
- Articulate a retention period for the record in terms of time (exp. six years), an action (exp. until audited), or both (six years after audit).
- 4) Include the formats of the record (paper, electronic, microfilm, etc.)
- For use by the Auditor of State or the OHS-LGRP. OHS-LGRP will mark the records series that will need an RC-3 prior to disposal.

#### **GENERAL INSTRUCTIONS:**

- --- For questions related to records scheduling and disposition, OHS-LGRP: (614) 297-2553 or at localrecs@ohiohistory.org
- After completing sections A and E, submit the form to your records commission so it can be approved in an open meeting pursuant to Section 121.22 ORC. See Ohio Revised Code Section 149.38 (counties), 149.39 (municipalities), 149.41 (school districts), 149.411 (libraries), 149.412 (special taxing districts) and 149.42 (townships) for the composition of your records commission. Your records commission completes section B and sends the form to OHS-LGRP at:

localrecs@ohiohistory.org OR

The Ohio Historical Society State Archives of Ohio Local Government Records Archivist 800 E. 17<sup>th</sup> Avenue Columbus, OH 43211-2497

- --- The OHS-LGRP will review this RC-2 and forward it to the Auditor of State's Records Officer, Columbus.
- --- This RC-2 is in effect when all signatures have been affixed to it. OHS-LGRP will return a copy of the approved form to the Records Commission. The local records commission and the originating office should retain permanent copies of the form to document legal disposal of public records.
- --- Remember, at least 15 Business days before you intend to dispose of records, submit a Certificate of Records Disposal (RC-3) to the OHS-LGRP. Copies of RC-3s will not be returned.



<b>INSTRUCTIONS</b> -								
USE OF FORM:	IF FORM: Serves as a notification to your local records commission and to The Ohio Historical Society/State Archives, Local Government Records Program (OHS-LGRP), that your office intends to dispose of the records listed on the form as authorized by an approved RC-2 form. It also provides an opportunity for the OHS-LGRP to select for historical records, or to provide for other disposition under Section 149.31ORC.							
WHEN TO USE:		nd this RC-3 a minimum of fifteen (15) business days before the proposed disposal date.						
CERTIFICATION:	according to An	locument representing compliance to the Ohio Revised Code and a commitment to maintain any microfilm master negatives nerican National Standards Institute (ANSI) Standards when the source document is listed for disposal on this RC-3. Therefore, the uires the signature of the official responsible for the records.						
SUBMISSION:		to: localrecs@ohiohistory.org or The Ohio Historical Society						
		State Archives of Ohio						
		Local Government Records Program						
		800 E. 17 <sup>th</sup> Avenue Columbus, OH 43211-2497						
		ggests that the records commission maintains a permanent file of all RC-3 forms.						
	0110-20101-300	ggesta inal the records commission maintains a permanent ne of all no o torms.						
NOTE:		cords commission will <b>not</b> receive a copy of the RC-3 back. Your office will be contacted if a record is selected for its historical value uestions about the records listed on the form.						
Page 2	,							
(1) RECORD SERIES T	TITLE:	Record series title as shown on your retention schedule (RC-2). This information is critical for documenting the disposal; include additional descriptive information if necessary to aid in the appraisal and selection process.						
(2) AUTHORIZATION F	OR DISPOSAL:	Schedule number marked as needing review by OHS-LGRP as shown on your approved RC-2 and the date it was approved by your local records commission.						
(3) MEDIA TYPE (DES	TROYED):	Medium of the record series you are disposing of, for example, paper, film, disk, magnetic tape, optical disc.						
(4) OTHER MEDIA TYF	PE (RETAINED)	If your government plans to retain the records series in another medium, list each type of medium in which it is being retained. For example: microfilm, microfiche, optical disc, electronic storage, etc.						
(5) INCLUSIVE DATES	OF RECORDS	Enter the time period encompassed by the records being disposed of such as: Jan. 2008 to Dec. 2008, etc.						
(6) PROPOSED DATE	OF DISPOSAL	Enter the proposed disposal date; the OHS-LGRP has <i>fifteen business days</i> to review the disposal form. It is recommended that a few extra days for mail delivery be included.						
(7) FOR USE BY OHS-	LGRP	OHS-LGRP may write clarifying notes or notes about possible records transfers.						

#### NOTICE CONCERNING MEDIA AND FORMAT CHANGES

The Local Government Records Program strongly discourages the use of electronic formats for long-term retention of records unless the records are also maintained in an eyereadable format such as paper or microfilm. It is a responsibility of the local government to ensure the preservation and accessibility of any records retained in electronic format. For guidelines on electronic records issues, visit http://www.ohiohistory.org/ohiojunction/erc/.

Never use a microfilm master negative except to create a use copy from it.

Page of



Ohio Historical Society State Archives of Ohio Local Government Records Program

800 E. 17<sup>th</sup> Avenue Columbus, Ohio 43211-2497

For State Archives - LGR	<sup>o</sup> Use O	Inly
Date Received:		
Date Reviewed:		
Items requested for transfer:	YES	NO
If YES, attach copy of transfer form		

### **CERTIFICATE OF RECORDS DISPOSAL (RC-3) – Part 1**

See instructions before completing this form. Must be submitted with PART 2

(local government entity)	(unit)	(contact person)	(telephone number)	(location of records)
(address)	(city)	(zip code)	(county)	(date mailed to LGRP)

I hereby certify that the records listed on this RC-3 and attachments are being disposed of according to the time periods stated on the *approved Records Retention Schedules (RC-2)* listed below. No record will be knowingly disposed of which pertains to any pending legal case, claim, action or request. In addition, microfilm created in place of any original record listed on this RC-3 will be stored according to ANSI Standards and all microfilm master negatives will only be used to create use copies. It is a responsibility of the local government to ensure the preservation and accessibility of any records retained in electronic format.

(signature of responsible official)

(title)

(telephone number)

To have this form returned to the Records Commission electronically, include an email address: \_

Please Note: The State Archives retains RC-3 forms for seven years. It is strongly recommended that the Records Commission retain a permanent copy of this form.

Page \_\_\_\_\_ of \_\_\_\_\_



**Ohio Historical Society** State Archives of Ohio Local Government Records Program

800 E. 17<sup>th</sup> Avenue Columbus, Ohio 43211-2497

# **CERTIFICATE OF RECORDS DISPOSAL (RC-3) – Part 2** See instructions before completing this form. Must be submitted with PART 1.

(political subdivision name)

(unit)

(1) Records Series Title	Authorization	2) 1 for Disposal	(3) Media Type To be destroyed	(4) Media Type To be retained	Inclusive Rec	5) Dates of ords	(6) Proposed date of destruction	(7) For OHS-LGRP use
	Schedule Number	Date the RC-2 was approved by the Records Commission	к	(if any)	From	То	(15 business days from receipt by OHS-LGRP)	

# Memorandum

To:	Board of Zoning Appeals, Council, Mayor, City Manager, City Law
	Director, City Finance Director, Department Supervisors, Media
From:	Gregory J. Heath, Finance Director/Clerk of Council
Date:	6/4/2012
Re:	Board of Zoning Appeals Meeting Cancellation

The Board of Zoning Appeals meeting regularly scheduled for Tuesday,

June 12 at 4:30 PM has been canceled due to lack of agenda items.

# Memorandum

To: Planning Commission, Council, Mayor, City Manager, City Law Director, City Finance Director, Department Supervisors, Media
From: Gregory J. Heath, Finance Director/Clerk of Council
Date: 6/4/2012
Re: Planning Commission Meeting Cancellation

The Planning Commission meeting regularly scheduled for Tuesday, June 12 at 5:00 PM has been canceled due to lack of agenda items.

Due to unforeseen circumstances at the post office, there has been a delay in distributing City of Napoleon utility bills to many residents. If you have not received your bill, please go to the City website <u>www.napoleonohio.com</u> and click on *Finance* and *View Utility Bills*; or contact the utility billing department at 419-599-1235. We apologize for any inconvenience this may have caused.



Environmental Protection Agency John R. Kasich, Governor Mary Taylor, Lt. Governor Scott J. Nally, Director

> Re: Henry County City of Napoleon NPDES Permit

May 31, 2012

Mayor and Council City of Napoleon 255 West Riverview Avenue Napoleon, Ohio 43545

Dear Mayor and Council:

On May 21, 2012, Dana Martin-Hayden, Peggy Christie and Judson Delancey inspected the Napoleon Wastewater Treatment Plant (WWTP). Mr. Matthew Bilow was present and provided operation and maintenance information. The inspection included a tour of the facility and completion of the enclosed inspection form.

During our visit, all major treatment units were in operation and the effluent being discharged to the Maumee River was a barely visible brown with no odor. Since our last inspection on May 6, 2011, there have been no exceedences of National Pollutant Discharge Elimination System (NPDES) permit limits.

Three of the staff at this facility holds a Class III operator license, which indicates a commitment on the City's part to encourage and support building a staff unit that can support the facility's Class III operator requirement. In addition, the City has a Class II Operator in Training.

Since August 11, 2010, the City of Napoleon's 2.5 million gallon per day equalization basin (EQ) and ultraviolet (UV) system have been on line. The EQ basin was able to capture and treat 12 mg of flow that would have been bypassed to the river in 2010, and 44.3 mg of flow in 2011, which was an unusually high rainfall year. From our review of your flow records during high rainfall events in May of 2011, it appears that the City is meeting one of the CSO nine minimum controls by maximizing flows through the plant at 5-6 mgd. Our letter to your facility dated May 29, 2003, states that the WWTP should be able to meet limits at 3.8 mgd, which is well under the 5-6 mgd of flow that was treated during these high flow events.

We observed that you have created a form to document sampling standard operating procedures (SOP) that communicates between shifts regarding the duration and expected volumes of the sample being collected. Our completed General Lab Criteria form is enclosed as an example of the complete documentation for laboratory activities observed during our inspection with Mr. Kent Bacon, Laboratory Technician for the city of Napoleon.

Our completed inspection report is enclosed for your records. If you have any questions, please call Dana Martin-Hayden at (419) 373-3067.

Yours truly,

itch like

Elizabeth A. Wick, P.E. Environmental Engineer/Section Manager Division of Surface Water

DMH/jIm Enclosures ec: Matt Bilow, City of Napoleon Dana Martin-Hayden, DSW-NWDO Inspection Tracking

> Northwest District Office 347 North Dunbridge Road Bowling Green, OH 43402-9398

419 | 352 8461 419 | 352 8468 (fax) www.epa.ohio.gov



### State of Ohio Environmental Protection Agency

Northwest District Office

### NPDES Compliance Inspection Report

	Sectio	on A: National Data	System Coding	19 - A 19 19 20	
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
<u>2PD00000</u>	<u>OH20893</u>	<u>5/21/12</u>	<u>C</u>	<u>S</u>	<u>1</u>

Section B: Facili	ty Data			
Name and Location of Facility Inspected	Entry Time	Permit Effective Date		
Napoleon WWTP 735 East Washington Street	10:15 pm	July 1, 2009		
Napoleon, Ohio 43545	Exit Time	Permit Expiration Date		
Henry County	3:45 pm	July 31, 2013		
Name(s) and Title(s) of On-Site Representatives	P	hone Number(s)		
Mr. Matt Bilow, Waste Water Superintendent	419-592-3936			
Mr. Chad Lulfs, City Engineer	419-592-4010	419-592-4010		
Name, Address and Title of Responsible Official		Phone Number		
Mr. Matt Bilow, Waste Water Superintendent City of Napoleon 255 W. Riverview Avenue, P.O. Box 151 Napoleon, Ohio 43545		419-592-3936		

Section C: Areas Evaluated During Inspection (S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)							
S	Permit		Flow Measurement		Pretreatment		
S	Records/Reports	S	Laboratory	S	Compliance Schedule		
S	Operations & Maintenance	S	Effluent/Receiving Waters	S	Self-Monitoring Program		
S	Facility Site Review	S	Sludge Storage/Disposal	N	Other		
Ν	Collection System				• • • • • • • • • • • • • • • • • • •		

Section D: Summary of Findings (Attach additional sheets if necessary) Since August 11, 2010, the City of Napoleon has had a 2.5 million gallon per day equalization basin (EQ) and ultraviolet (UV) system on line. The EQ basin was able to treat 12 mgd of flow that would have gone to the river in 2010 and 44.3 mgd of flow in 2011, which was an unusually high rainfall year. From our review of your flow records during high rainfall events in May of 2011 it appears the plant is observing the 9 minimum controls by maximizing flows through the plant at 5-6 mgd. Our letter to your facility dated May 29, 2003 states that the WWTP should be able to meet limits at 3.8 mgd, which is well under the 5-6 mgd of flow you treated during these high flow events.

We observed that you have created a form to document sampling standard operating procedures(SOP) that communicates between shifts the duration and expected volumes of the sample being collected. I have enclosed this form as an example of the complete documentation for laboratory activities observed during our inspection with Mr. Kent Bacon, Laboratory Technician for City of Napoleon.

Inspector Reviewer Thomas Poffenbarger, P.E. Dana Martin-Havden Øate Division of Surface Water Water Quality Engineer/ Unit Supervisor Northwest District Office Division of Surface Water Northwest District Office

### Section E: Permit Verification

Inspection observations verify the permit

(a) Correct name and mailing address of permittee	Y
(b) Correct name and location of receiving waters	Υ
(c) Product(s) and production rates conform with permit	
application (Industries)	N/A
(d) Flows and loadings conform with NPDES permit	Y
(e) Treatment processes are as described in permit application	Y
(f) New treatment process(es) added since last inspection	Y
(g) Notification given to State of new, different or increased	
discharges	N/A
(h) All discharges are permitted	Y
(i) Number and location of discharge points are as described	
in permit	Y

#### Comments/Status:

f) Spreader purchased to increase control of application rates limited by Phosphorous d) Since the EQ basin went on-line, the WWTP effluent is blended with EQ overflow during high flow. EQ basin treated 44.3 mgd that would have bypassed the plant. Plant operating around 5-6 mgd during peak wet weather. Average daily flow for WWTP in '11 was 2.5 and in '10 it was 1.5 mgd, increase due to EQ basin storage & treat.

Sectio		

(a) Any significant violations since the last ins	Ν	
(b) Permittee is taking actions to resolve viola	tions	N/A
(c) Permittee has a compliance schedule		Y
(d) Compliance schedule contained in	NPDES permit	

(e) Permittee is meeting compliance schedule...... Y

### Comments/Status:

e) CSO schedule is in the schedule of compliance and currently they are ahead of schedule, due to funding availability.

### Section G: Operation & Maintenance

### **Treatment Works:**

Treatment facility properly operated and maintained

(a) (b) (c) (d) (e)	Standby power availablegenerator i or dual feed Adequate alarm system available for power or equipment failures All treatment units in service other than backup units Wastewater Treatment Works classification (OAC 3745-7) Operator of Record holds unexpired license of class required by permit Class: III	Y Y III Y
(f)	Copy of certificate of Operator of Record displayed on-site	Y
(g)	Minimum operator staffing requirements fulfilled (OAC 3745-7)	Y
(h)	Routine and preventative maintenance scheduled/performed	Y
(i)	Any major equipment breakdown since last inspection	Ν
(j)	Operation and maintenance manual provided and maintained	Y
(k)	Any plant bypasses since last inspection	Υ
(I)	Regulatory agency notified of bypasses On MORs 🛛 and/or Spill Hotline (1-800-282-9378) 🖂	Y
(m)	Any hydraulic and/or organic overloads since last inspection	Υ
Recor	rd Keeping:	

(a) (b)	Log book provided Format of log book (i.e. computer log, hard bound book) computer files onsite date and Operator of Record Log Book with signatures	Y
(c)	Log book(s) kept onsite (in an area protected from weather)	Y
(d)	Log book contains the following:	
. ,	I. Identification of treatment works	Y
	II. Date/times of arrival/departure for Operator of Record and	
	any other operator required by OAC 3745-7	Y
	III. Daily record of operation and maintenance activities	
	(including preventative maintenance, repairs and request	
	for repairs)	Y
	IV. Laboratory results (unless documented on bench sheets)	Ý
	V. Identification of person making log entries	Ý

Y

Y

Y

Y

Y (d) Has the operator of record submitted written notification to the permittee, Ohio EPA and (if applicable) any local environmental agencies when a collection system overflow, treatment plant bypass or effluent limit violation has occurred...... Y

#### Section G: Operation & Maintenance (con't)

### **Collection System:**

(a)	Percent combined system: approx. 25-30%	
(b)	Any collection system overflows since last inspection	Y
	(CSO $\boxtimes$ and/or SSO $\boxtimes$ )	
(C)	Regulatory agency notified of overflows (SSOs)	Y
(d)	CSO O&M plan provided and implemented	Y
(e)	CSOs monitored and reported in accordance with permit	Y
(f)	Portable pumps used to relieve system	Ν
(g)	Lift station alarms provided and maintained	Y
(h)	Are lift stations equipped with permanent standby power	
	or equivalent	Y
(i)	Is there an inflow/infiltration problem (separate sewer system),	
	or were there any major repairs to collection system since	
	last inspection	Y
(j)	Any complaints received since last inspection of basement flooding	Y
(k)	Are any portions of the sewer system at or near capacity	Y

### Comments/Status:

Section G: Treatment Works

a) 2 generators available - one for the WWTP & one for the EQ basin, operated weekly & load tested monthly

e) Operators - (3)Class III (1) Class II and hopefully results of test (1) Class I license

f) PMP - schedule is done through computerized work orders - correlated to O&M book, tracks the operating hours of different pieces of equipment

Collection System:

b) Jeff Marihugh keeps track of the SSOs basement flooding and wet weather

f) portable pump availale to relieve system

g) through SCADA - pages and all phone calls

h) all except Glenwood Estates Trailer Court at SR 6 and SR 24

i) major work on system being done under the CSO program

j) Jeff Rathge and Chad Lufts complete the Water in Basement (WIB) reports, 2011 they had 4 SSO's in collection system and 23 WIBs, 2012 they had 1 SSO in collection system and 2 WIBs

k) during wet weather

(a)	Section H: Sludge Management Sludge management plan (SMP)	
• •		N/A 🗌
(b)	Sludge management plan current	Y
(c)	Sludge adequately disposed	Y
(d)	If sludge is incinerated, where is ash disposed of	
(e)	Is sludge disposal contracted	N/A
(f)	Has amount of sludge generated changed significantly since last inspection	N
(g)	Adequate sludge storage provided at plant	
(h)	Land application sites monitored and inspected per SMP	
(i)	· · · · · · · · · · · · · · · · · · ·	Y
(j)	Any complaints received in last year regarding sludge	
(k)	Is sludge adequately processed (digestion, pathogen control)	Ŷ
Comn	nents/Status:	
	nd applied	
	least 1 year of storage	
	iewed land application records- samples collected, loading rates calc	ulated and
relate	ed to projected crop growth, rotate every 3 years (SOP).	
	Section I: Self-Monitoring Program	
	Measurement:	
(a) T	Primary flow measuring device operated and maintained	
		eir 🔄
Calcu	lated from influent Other 🖂 (Specify:Mag Meter)	
(b)	Calibration frequency adequate	Y
(C)	Secondary instruments operated and maintained	Y
(d)	Flow measurement equipment adequate to handle full range	
(-)	of flows	
(e) (f)	Actual flow discharged is measured I Flow measuring equipment inspection frequency	N
(f)	Daily Weekly monthly other	
Comn	nents/Status:	
	luent flow is measured only. Only instrument on site is the mag mete	r for process
contr	ol.	•
b) Ca	libration is conducted 1/year	·
b) Ca c) flov	alibration is conducted 1/year w meters @pump stations	
b) Ca c) flov e) Flo	libration is conducted 1/year w meters @pump stations ow meter is on the influent (In future blending during rain events with E	
b) Ca c) flov e) Flo 603)(	alibration is conducted 1/year w meters @pump stations	

### Section I: Self-Monitoring Program (con't)

### Sampling:

(a)	Sampling location(s) are as specified by permit	Y
(b)	Parameters and sampling frequency agree with permit	Y
(c)	Permittee uses required sampling method	Y
(d)	Monitoring records (i.e., flow, pH, DO) maintained for a minimum of three years including all original strip chart recordings (i.e, continuous monitoring instrumentation, calibration and maintenance records)	Y

### Laboratory:

### General

- (a) Do you have written Standard Operating Procedures (SOP's) for all Y
- (b) analysis performed onsite?
- (c) Do SOP's include the following if applicable:
  - Title
  - Scope and Application
  - Summary
  - Sample Handling and Preservation
  - Interferences
  - Apparatus and Materials
  - Reagents

- Procedure
- Calculations
- Quality Control
- Maintenance
- Corrective Action
- Reference (Parent Method)

Note: SOP's are required per Standard Methods 1020A and states "Standard operating procedures are to be used in the laboratory in sufficient detail that a competent analyst unfamiliar with the method can conduct a reliable review and/or obtain acceptable results."

- (d) EPA approved analytical testing procedures used for all analysis (40 CFR 136.3, see GLC page 8). Y
- (d) If alternate analytical procedures are used, proper approval has been obtained...... N/A
- (e) Analyses being performed more frequently than required by permit. Y
- (f) If (e) is yes, are results in permittee's self-monitoring report...... Y

### Quality Control/Quality Assurance

- (g) Quality assurance manual provided and maintained......Y
- (h) Satisfactory calibration and maintenance of instruments/equipment. Y (see score from GLC page 7)
- Results of latest USEPA quality assurance performance sampling program: Satisfactory Date: 8/11
   Satisfactory

   Satisfactory
   Date: 8/11

(j) Commercial laboratory used...... Y

Parameters analyzed by commercial lab: Metals/Oils & Grease, sludge, TKN, (Total P in sludge, bioassay add toxicity)

Lab name: Alloway does all other analysis **Comments/Status:** 

Section J: Effluent/Receiving Water Observations

Outfall Number	Outfall sign in place?	Oil sheen	Grease	Turbidity	Foam	Solids	Color	Other
001	Y	N	N	N	N	N	Barely visible brown	No odor

### Comments/Status:

### Section K: Multimedia Observations

(a)	Are the	ere indi	cations o	f sloppy h	ousel	keepi	ing or	poor maintenance	
	in worl	k and s	torage are	eas or lab	orato	ries			N
<i>/</i> • ``	<b>D</b>					~	* *		

- (b) Do you notice staining or discoloration of soils, pavement or floors. N
- (c) Do you notice distressed (unhealthy, discolored, dead) vegetation.. N
- (d) Do you see unidentified dark smoke or dust clouds coming from sources other than smokestacks...... N
- (e) Do you notice any unusual odors or strong chemical smells...... N
- (f) Do you see any open or unmarked drums, unsecured liquids, or damaged containment facilities...... N

If any of the above are observed, ask the following questions:

- (1) What is the cause of the condition?
- (2) Is the observed condition or source a waste product?
- (3) Where is the suspected contaminant normally disposed?
- (4) Is this disposal permitted?
- (5) How long has the condition existed and when did it begin?

### Comments/Status:

F. GUIDE - VISUAL OBSERVATION - UNIT PROCESS RATING CODES: S = Satisfactory: U = Unsatisfactory: M = Marginal: IN = In Operation: OUT = Out of Operation

CONT			actory; <b>M</b> = Marginal; <b>IN</b> = In Operation; <b>OUT</b> = Out of Operation
CONL	DITION OR APPEARANCE Grounds	RATING S	COMMENTS
	Buildings	S	
	Potable Water Supply Protection	S	
General	Safety Features	S	Plant constructed on dike above flood plain and surrounded by a fence
sne	Bypasses	OUT	Est. to river'11(6.6mgd)'10(5.1mgd)'09(28.9 mgd)'08(36.8mgd)'07(28.2mgd)
്	Stormwater Overflows	OUT	The City's SSOs and CSOs were reported as inactive during this inspection
	Alternate Power Source	001	The City's 550s and 650s were reported as macrive during this inspection
			······································
	Maintenance of Collection Systems		
	Pump Station	IN	3 influent pumps
	Ventilation	IN	
ŗ,	Bar Screen	IN	2 mechanical in parallel
Preliminary	Disposal of Screenings	S	Landfill – Henry County Landfill
lin	Comminutor		
Pre	Grit Chamber	IN	2 de-gritting chamber channels (0.5 hour/day)
	Disposal of Grit		Landfill – Henry County Landfill
	EQ basin	IN	EQ since 4/11,2.5MGD,3tanks,3 screw pumps,
	-		
	Settling Tanks	IN	2 units – brown
y	Scum Removal	IN	
nar	Sludge Removal	IN	To anaerobic digesters
Primary	Effluent	S	Clear
<u> </u>			
	Digesters	IN	2 anaerobic, 1 storage tank, use VAR <38% volatiles, sample alkalinity too
r J al	Temperature and pH	S	2 anacroole, 1 storage tank, use VALC (3870 volatiles, sample alkalinity too
	Gas Production	S	Used to heat sludge in summer – fuel oil needed to heat in winter
	Heating Equipment	IN	Used to heat studge in stanner – fuel of needed to heat in white
ispe	Sludge Pumps	IN	5 pumps from clarifier to digester (2 primary, 3 final clairfiers)
e D	Drying Beds	IN	Pressed sludge stored on 2 beds & paved over lagoon, 1 bed used for vac truck
gp	Vacuum Truck	114	Used to clean sewers and distribution boxes of O&G and debris, dried then LF
SIL	Disposal of Sludge	IN	Land Application (press 2 days/week)
	Sludge Storage		Enough sludge storage available for at least the one year's sludge production
	Shudge Storage	IN	Enough share storage available for at least the one years share production
	Flow Meter and Recorder	IN	Influent – calibrated on 3/21/12
<u>ب</u>	Records	S	Reviewed land application records, high flow influent rates and bypasses
Other	Lab Controls	S	
0	Chemical Treatment	IN	Alum used for phosphorous removal (added prior to 25,582 gal aeration tank)
л Х	Bio-Towers	IN	2 Units – Plastic media, 2:1 recirculating rate
iti:	Aeration Channels	IN	2 Units – with 3 blowers ( rotate weekly)
as a	Final Settling Tanks	IN	3 Units - Clear water over weirs, pin floc, algae on old tanks - new tank none
ary d	Re-circulation Pumps	IN	4 Units, 2 high flow and 2 low flow ( new pumps within last 2 years)
ond. itei ijre	Final Effluent Pumps	OUT	Used only during high river flow levels
Secondary-Tertiary List items as required			
	Effluent	S	No odor, barely visible brown
	Disinfection System	IN	UV 10 MGD train - post EQ basin & plant final effluent, use 1/3 light banks
<u>e</u>	-		ov to mob train - post by basin & prain tinar efficient, use 1/3 fight banks
Disinfection	Effective Dosage		
inf	Contact Time		
- vo	Contact Tank	-	Has been crushed and filled
ā	Dechlorination	-	No longer in use, UV on line

EPA Form 7500-5 (4-72) Page 5 NWDO 3/93

Criteria	Standard Methods Requirement			
Balance		Acce	ptable?	Rating
Standard Weights	<ul> <li>Either NIST Class s or ASTM/ANSI Class 1 weights <sup>1,2</sup></li> </ul>	Yes	🗌 No	
<ul> <li>Calibration Frequency / Documentation</li> </ul>	<ul> <li>Calibration verification required at least once each day the balance is used.<sup>3</sup></li> </ul>	Yes '	🗌 No	
<ul> <li>Cleanliness, air movement, vibration</li> </ul>	<ul> <li>Cleanliness of balance is a must and air movement and vibration needs to be kept to a minimum<sup>1</sup></li> </ul>	🗌 Yes	🗌 No	
• Other	<ul> <li>Service and recalibrate annually (manufacturer representative or comparable)<sup>1</sup></li> </ul>	🗌 Yes	□ No	
• Other	<ul> <li>Must be able to measure to 0.1 grams<sup>4</sup></li> </ul>	Yes	No No	
	<ul> <li>Instrument manual available</li> </ul>	Yes	No	
	<ul> <li>Log book maintained<sup>2</sup></li> </ul>	Yes	No No	
Criteria	Standard Methods Requiren	rent		
Drying Oven (Suspended Solids)			table?	Rating
Temperature Recordkeeping	• Temperature recorded with each use <sup>4</sup>	Yes	No No	
	<ul> <li>Log book maintained<sup>2</sup></li> </ul>	🗌 Yes	No No	
<ul> <li>Calibration Frequency / Documentation</li> </ul>	<ul> <li>Thermometer calibrated annually with NIST traceable thermometer<sup>1,2</sup>. Correction factor posted on thermometer / equipment<sup>1</sup></li> </ul>	Yes	🗌 No	
	<ul> <li>Thermometer temperature in 0.5° C increments<sup>5</sup></li> </ul>	Yes	🗌 No	
• Other	<ul> <li>Acceptable temperature range is 103° – 105° F<sup>4</sup></li> </ul>	Yes	🗌 No	
	<ul> <li>Instrument manual available</li> </ul>	Yes	No No	
Comments:				

Criteria					
pH Meter		Acce	Rating		
<ul> <li>Calibration Frequency / Documentation</li> </ul>	<ul> <li>Calibration verification required for testing over long period of time (e.g. 12 hrs.), or after a large number of samples (every 10 samples)<sup>3</sup></li> </ul>	X Yes	🗌 No		
	<ul> <li>Logbook maintained<sup>2</sup></li> </ul>	Yes	No No		
Minimum of 2 point     calibration	<ul> <li>Calibration per manufacturer specification and calibration buffers must bracket anticipated result<sup>7</sup></li> </ul>	🛛 Yes	🗌 No	А	
<ul> <li>Slope Documentation / Acceptability</li> </ul>	<ul> <li>Slope acceptable range indicated on benchsheet<sup>2</sup></li> </ul>	🛛 Yes	🗌 No		
Buffer Expiration Date	<ul> <li>Buffers must not be expired</li> </ul>	Yes Yes	No No		
	<ul> <li>Instrument manual available</li> </ul>	🛛 Yes	□ No		
• Other	<ul> <li>Teflon covered magnetic stirrer or equivalent for mixing<sup>8</sup></li> </ul>	🛛 Yes	□ No	,	
Criteria Dissolved Oxygen Meter	Standard Methods Requirer		otable?	Rating	
	• Air or known DO calibration method <sup>10</sup>	☐ Yes			
<ul> <li>Calibration Method</li> </ul>	Calibration per manufacturer specification <sup>10</sup>	Yes			
	<ul> <li>Logbook maintained<sup>2</sup></li> </ul>	Yes	□ No		
<ul> <li>Calibration Frequency / Documentation</li> </ul>	<ul> <li>Calibration verification required at least once each day the meter is used.<sup>3</sup></li> </ul>	Yes	🗌 No		
• Other	<ul> <li>Small to no bubble present under membrane (must be smaller than the lead in number 2 pencil)<sup>11</sup></li> </ul>	Yes	No No		
	<ul> <li>Instrument manual available</li> </ul>	Yes	🗌 No		
Comments:					

Criteria Standard Methods Requirement			Dating	
Incubator (CBOD/ E-Coli)		Acce	ptable?	Rating
	<ul> <li>Temperature checked / recorded twice daily for each shelf in use<sup>1</sup></li> </ul>	Yes	🗌 No	
Temperature Recordkeeping	<ul> <li>Acceptable temperature range (CBOD) is 20° C ±1.0°<sup>12</sup></li> </ul>	Yes	No No	
	<ul> <li>Acceptable temperature range (E-Coli) is 35° C ±0.5°<sup>22</sup></li> </ul>	Yes	□ No	
	<ul> <li>Logbook maintained <sup>2</sup></li> </ul>	Yes	No No	
• Temperature Calibration /	<ul> <li>Thermometer calibrated annually with NIST traceable thermometer<sup>1, 2</sup></li> </ul>	Yes	□ No	
Documentation	<ul> <li>Temperature correction information posted on incubator<sup>1</sup></li> </ul>	🗌 Yes	□ No	
<ul> <li>E-Coli can use multiple tubes (five 20 ml or ten 10 ml), or mfg's multi-well tray</li> </ul>	<ul> <li>E-coli Ultraviolet lamp (365 nm wave length, 6 W bulb)<sup>23</sup></li> </ul>	Yes	🗌 No	
	<ul> <li>Instrument manual available</li> </ul>	Yes	No No	
• Other	• Temperature Log (thermometer reads to 0.5 Celsius). <sup>1</sup>	Yes	🗌 No	
Criteria	Standard Methods Requirer	nent		
Refrigerator			otable?	Rating
Temperature Recordkeeping	<ul> <li>Temperature Log (thermometer reads to 0.5 Celsius).<sup>5</sup></li> </ul>	Yes	🗌 No	
<ul> <li>Temperature Calibration / Documentation</li> </ul>	<ul> <li>Thermometer calibrated annually with NIST traceable thermometer<sup>1, 2</sup></li> </ul>	🗌 Yes	🗌 No	
	• Thermometer held in water bath. <sup>1</sup>	Yes	🗌 No	
• Other	<ul> <li>Refrigerator temperature ≤6° Celsius.<sup>13</sup></li> </ul>	Ves	No No	
	<ul> <li>Do not store volatile solvents, food, or beverages.<sup>14</sup></li> </ul>	Yes	🗌 No	
Comments:				

Criteria	Standard Methods Requirement			D++t
Chlorine Meter		Acce	ptable?	Rating
	<ul> <li>pH / millivolt meter read to 0.1 mV<sup>15</sup></li> </ul>	Yes	No No	
<ul> <li>Calibration Frequency / Documentation</li> </ul>	<ul> <li>Calibration verification required for testing over long period of time (e.g. 12 hrs.), or after a large number of samples (every 10 samples)<sup>3</sup></li> </ul>	Yes	No No	
Calibration Method	<ul> <li>Calibration using three iodate solutions 0.2, 1.0, 5.0 milliliters or calibration per manufacturer specification<sup>16</sup></li> </ul>	Yes	□ No	
	<ul> <li>Standards used for calibration not expired</li> </ul>	Yes Yes	L No	
<ul> <li>Slope Documentation / Acceptability</li> </ul>	<ul> <li>Calibration curve (acceptable slope)</li> </ul>	Yes	🗌 No	
• Other	<ul> <li>Electrode free of deposits and foreign material</li> </ul>	🗌 Yes	No No	
• Other	<ul> <li>Log book being maintained.<sup>2</sup></li> </ul>	🗌 Yes	No No	
	<ul> <li>Instrument manual available</li> </ul>	Yes	No No	
Criteria	Standard Methods Requirer	nent		
Ammonia Meter		Design Construction and the second second	otable?	Rating
Calibration Frequency /     Documentation	<ul> <li>Calibration verification required for testing over long period of time (e.g. 12 hrs.), or after a large number of samples (every 10 samples)<sup>3</sup></li> </ul>	Yes		
	<ul> <li>Log book being maintained<sup>2</sup></li> </ul>	X Yes	No No	
Slope acceptability	<ul> <li>Verify calibration slope is acceptable (per mfg. spec.).</li> </ul>	🛛 Yes	□ No	
Calibration Method	<ul> <li>Standards used for calibration (3 ammonia solutions of 10 mg/l, 1 mg/l, and 0.1 mg/l) or per mfg. spec.<sup>17</sup></li> </ul>	Yes Yes	- No	Α
				1
	<ul> <li>Standards used for calibration not expired</li> </ul>	🛛 Yes	No	
	<ul> <li>Standards used for calibration not expired</li> <li>Electrode free of deposits and foreign material</li> </ul>	Yes Yes	No No	
• Other	<ul> <li>Electrode free of deposits and foreign material</li> <li>Teflon covered magnetic stirrer or</li> </ul>			
• Other	<ul> <li>Electrode free of deposits and foreign material</li> </ul>	X Yes	No	

Criteria	Standard Methods Require	ment		
Sample Collection/Handling		Acce	eptable?	Rating
Sample Labeling	<ul> <li>Samples container labeled (description, date, time, preservative added, initialed).<sup>19</sup></li> </ul>	🛛 Yes	🗌 No	
Chain of Custody	<ul> <li>Chain of custody (description, date, time, signature).<sup>19</sup></li> </ul>	X Yes	□ No	
	<ul> <li>Composite samples refrigerated during sample collection<sup>14</sup></li> </ul>	X Yes	No No	Α
• Other	Equipment blanks utilized <sup>14</sup>	Yes	No No	
	<ul> <li>SOP for cleaning of sampling equipment</li> </ul>	X Yes	No No	
	<ul> <li>Logbook being maintained<sup>2</sup></li> </ul>	Yes	No No	
Criteria	Standard Methods Requirer	Contraction of the second second second		Rating
Desiccator	r <u> </u>		ptable?	
• General criteria	<ul><li>Properly working seals.</li><li>Desiccant fresh (blue color)</li></ul>	Yes Yes		
Documentation	<ul> <li>Log book being maintained<sup>2</sup></li> </ul>			
Criteria	Standard Methods Requirer	nent		
Bench sheets		· · · · · · · · · · · · · · · · · · ·	ptable?	Rating
	• Date(s) <sup>2</sup>	Yes	□ No	
	<ul> <li>Analyst initials<sup>2</sup></li> </ul>	Yes	No No	
	<ul> <li>Blue or black ink pen<sup>2</sup></li> </ul>	Yes	No No	
	Calibration information <sup>2</sup>	Yes	No No	
General criteria	<ul> <li>Equations, calculations, units for all</li> </ul>		_	
	measurements, notations, and results present <sup>2</sup>	Yes	No	
	<ul> <li>Corrections, single line through, initialed and dated<sup>2</sup></li> </ul>	🗌 Yes	□ No	
Comments:				

Criteria	Standard Methods Requirement			Rating
Hot Water Bath (Fecal Coliform/E. C				
• Temperature Recordkeeping	• Temperature Log (thermometer reads 0.2° C) <sup>21</sup>	Yes	□ No	
	• Incubator temperature $44.5^{\circ}$ C ± $0.2^{\circ 21/24}$			
• Temperature Calibration /	• Thermometer calibrated annually with NIST traceable thermometer <sup>1, 2</sup>	Yes	No No	
Documentation	<ul> <li>Log book being maintained <sup>2</sup></li> </ul>	🗌 Yes	No No	
• Water Level	<ul> <li>Thermometer total immersion or partial (line on thermometer to ID immersion depth)<sup>1,5</sup></li> </ul>	🗌 Yes	□ No	
Comments:				
Criteria	Standard Methods Requirer	nent		· · ·
Autoclaves/Steam Sterilizers		Acce	otable?	Rating
• All apparatus utilized is	• Sterilizing temperature 121° C <sup>25</sup>	Yes	No No	
adequately sterilized before use	<ul> <li>10 to 30 minutes time based on material being sterilized<sup>26</sup></li> </ul>	Yes	🗌 No	
• Documentation	<ul> <li>Verify the autoclave temperature weekly by using a maximum registering thermometer (MRT) to confirm that 121°C has been reached as measured in the exhaust.<sup>1</sup></li> </ul>	🗌 Yes	No No	
	<ul> <li>Date, contents, sterilization time and temperature, total time in autoclave, and analyst's initials should be recorded each time the autoclave is used <sup>1</sup></li> </ul>	TYes	No No	
<ul> <li>Temperature Calibration / Documentation</li> </ul>	• Thermometer calibrated annually with NIST traceable thermometer <sup>1,2</sup>	T Yes	🗌 No	
Documentation	<ul> <li>Log book being maintained <sup>2</sup></li> </ul>	Yes	No No	
<ul> <li>Performance Checks</li> </ul>	<ul> <li>Test monthly for efficacy using a biological such as commercially available <i>Geobacillus</i> stearothermophilus in spore strips, suspensions, or capsules <sup>1</sup></li> </ul>	Yes	🗌 No	
Comments:				

Criteria	Standard Methods Requirement		<b></b>		
Final Effluent Temperature Monitor	ing		A	.cceptable?	Rating
		er calibrated annually with NIST ermometer <sup>1,2</sup>	🗌 Ye	s 🗌 No	
• General Criteria	<ul> <li>Thermometer</li> <li>least 0.1° C <sup>5</sup></li> </ul>	er reads in increments of at	C Ye	s 🗌 No	
	<ul> <li>Log book bei</li> </ul>	ng maintained <sup>2</sup>	Ye	s 🗌 No	
	алаа солу солу солу солу солу солу солу солу	Number of Criteria Ra	ted	Acceptable Marginal	3
	Unacceptable				
			Тс	otal Number of Areas Rated	3
Acceptable Ratings – No action requi analysis, recommend voluntary lab ar				IRQA's for all ons	ite
<u>Marginal Ratings</u> – Improvements required, written response required (recommend SOP's be written or updated, recommend they perform DMRQA's for all onsite analysis, recommend voluntary lab analyst certification, require deficiencies to be addressed in written response).					
<u>Unsatisfactory Rating</u> - Improvements required, written response required, NOV issued (recommend SOP's be written or updated, recommend they perform DMRQA's for all onsite analysis, recommend voluntary lab analyst certification, require deficiencies to be addressed in written response to NOV).					
Consider recommending PAI Au when:	dit from DES	>60% of ratings are Marginal >45% of ratings are a combina >30% of ratings are Unaccepta		Aarginal or Unace	ceptable

### Notation of Referenced Method

- 1 Method 9020-B, Item 3
- 2 Method 1020-A, Item 1
- 3 Method 1020-B, Item 10
- 4 Method 2540-B, Item 2
- 5 Method 2550-B, Item 1
- 6 Method 1020-A, Item 1
- 7 Method 4500-H B, Item 4
- 8 Method 4500-H B, Item 2
- 9 Method 1020-B, Item 2
- 10 Method 4500-O B, Item 3
- 11 Method 4500-O G, Item 3
- 12 Method 5210-B, Item 5
- 13 CFR 136.3, Table II

- 14 Method 1060A, Item 1
- 15 Method 4500-CI I, Item 2
- 16 Method 4500-Cl I, Item 4
- 17 Method 4500-NH3 D, Item 4
- 18 Method 4500-NH3 D, Item 2
- 19 Method 1060-B, Item 2
- 20 Method 1060-B, Item 1
- 21 Method 9222D, Item 1
- 22 Method 9223 B, Item 2
- 23 Method 9223 B, Item 3
- 24 Method 1603, Item 2
- 25 Method 9030-B, Item 3
- 26 Method 9020 B, Table IV

<u>Equipment Logbook Content</u> - all maintenance performed on a piece of equipment should be documented in the logbook. This should include parts replacement and routine maintenance activities. Entries should include date, maintenance performed and initials of person making entry.

	Preservation and Holding Times					
Parameter	Container	Min. Sample Size (mL)	Sample Type	Preservation	Maximum S Recommended	torage Time Regulatory
BOD / CBOD	P, G	1000	G, C	Refrigerate ≤6° C	6h	48h
TSS	P, G	200	G, C	Refrigerate ≤6° C	7 d	7 d
pH	P, G	50	G	Analyze immediately	0.25h	0.25 h
NH3-N	P, G	500	G, C	Analyze as soon as possible or add H₂SO₄ to pH <2, Refrigerate ≤6° C	7 d	28 d
TRC	P, G	500	G	Analyze immediately	0.25h	0.25 h
DO (electrode)	G, BOD Bottle	300	G	Analyze immediately	0.25h	0.25 h
Temperature	P, G		G	Analyze immediately	0.25h	0.25 h
Metals, general	P, G	1000	G, C	For dissolved filter immediately and add HNO₃ to pH <2	6 months	6 months
Purgeables by purge and trap	G (PTFE lined lid)	40 (X2)	G	HCl to pH<2, Refrigerate ≤6° C	7 d	14 d
Base/Neutrals and acids	G (solvent rinsed or baked)	1000	C, G	Refrigerate ≤6° C	7 d	7 days until extraction 40 days after extraction
Pesticides	G (PTFE lined lid)	1000	C	Refrigerate ≤6°C	7 d	7 days until extraction 40 days after extraction
Fecal Coliform / E- Coli	G, P (Sterilized)	100	G	Refrigerate ≤10° C If chlorine present, add sodium thiosulfate tablet	6 hrs transport within 2 hrs of	•
Oil and Grease	G	1000	G	HCl or H₂SO₄ to pH <2, Refrigerate ≤6° C	28 d	28 d

Approved Standard Methods		
CBOD / BOD 5 Day	Std Methods 5210-B	
Ammonia, Selective Electrode Method	Std Methods 4500-NH3 D	
Total Residual Chlorine, DPD Colorimetric Method	Std Methods 4500-CI G	
Total Suspended Solids, Dried at 103-105 °C	Std Methods 2540-D	
Dissolved Oxygen, Membrane Electrode Method	Std Method 4500-O G	
pH, Electrometric Method	Std Methods 4500-H+ B	
Fecal Coliform, Membrane Filter Procedure	Std Methods 9222D	
Escherichia Coli, Enzyme Substrate Test	Std Method 9223B	
Escherichia Coli Membrane Filtration Procedure	EPA Method 1603	
Oil and Grease	USEPA 1664A or Std Methods 5520B	
Metals, general	USEPA 200, Std Methods 3111B or C, or 3120B	
Volatiles (Purgeables by purge and trap)	USEPA 6210, Std Methods 624	
Semi-Volatiles (Base/Neutrals and acids)	USEPA 6410, Std Methods 625	
Pesticides	USEPA 6410 and 6630, Std Methods 608	

# City of NAPOLEON, Ohio

**Operations Department** 1775 Industrial Dr., P.O. Box 151, Napoleon, OH 43545 Phone: 419/599-1891 Fax: 419/592-4379



# Memorandum

To:	Chad E. Lulfs, P.E., P.S. Director of Public Works
From:	Jeffrey H. Rathge, Operations Superintendent
Date:	May 22, 2012
Subject: 201	2 Spring Clean Up Summary

Please find below the cost breakdown of the 2012 Spring Seasonal Clean Up. *LABOR* 

The weeds rolle	at actual wages nor hour nor man	nlug 28 5% for honofite & long
TOTAL:		\$11,598.82
Trustees	116 regular time man-hours	<u>\$ N/C</u>
City	403.25 regular time man-hours	\$11,598.82

(The wages reflect actual wages per hour per man, plus 38.5% for benefits & longevity)

### TRUCK RENTAL (VIKING TRUCKING)

44 truck hou	$\frac{1}{1}$ (quin)	\$69.00/hour	\$3,036.00
48 truck hou	· <b>1</b> /	\$73.00/hour	\$3,504.00
8 truck hour	· /	\$62.00/hour	\$ 496.00
36 truck hou	· /	\$65.00/hour	\$2,340.00
	iis (quau)	\$05.00/110 <b>u</b> 1	
TOTAL:			\$9,376.00
CITY EQUIPN	<i>MENT</i>		
end loader-2		\$55.00/hour	\$3,740.00
service truc	k 40 hours	\$15.00/hour	\$ 600.00
small dump	-2 ea 77 hours	\$25.00/hour	\$1,925.00
refuse truck	37 hours	\$50.00/hour	<u>\$1,850.00</u>
TOTAL:			\$8,115.00
(prices reflect	cost <u>without</u> ope	rator)	
<u>LANDFILL</u>			
April 23	23 loads	41.00 tons @ 43.75	\$1,793.75
April 24	23 loads	47.14 tons @ 43.75	\$2,062.38
April 25	21 loads	44.20 tons @ 43.75	\$1,933.75
April 26	21 loads	49.37 tons @ 43.75	\$2,159.94
April 27	9 loads	21.14 tons @ 43.75	<u>\$ 924.88</u>
TOTAL:	97 loads	202.85 tons @ 43.75	\$8,874.69

April 23	5 loads	1.57 net tons @ 261.00	\$409.77
April 24	4 loads	1.73 net tons @ 261.00	\$451.53
April 25	4 loads	2.03 net tons @ 261.00	\$529.83
April 26	4 loads	2.84 net tons @ 261.00	\$741.24
April 27	2 loads	.38 net tons @ 261.00	<u>\$ 99.18</u>
TOTAL:	19 loads	8.55 net tons @ 261.00	\$2,231.55
3 FREON APPLIANCES 0.13 tons @ 261.00 = 1 REFRIGERATOR @ \$10.00 =			\$33.93 -\$10.00

	+=0000
2 AIR CONDITIONERS @ \$6.00 =	<u>-\$12.00</u>
TOTAL	\$11.93

### HENRY CO. LANDFILL- tires

65 Passenger tires @ 2780 lbs. @ 0	0.03/lb./ea. =	\$83.40
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## <u>CUMULATIVE TOTALS</u>

Labor:	\$11,598.82
Truck Rental:	\$ 9,376.00
City Equipment:	\$8,115.00
Landfill:	\$8,875.50
Freon Disposal:	\$22.00
Tire Disposal:	<u>\$83.40</u>
SUBTOTAL:	\$38070.72
Metal Reimbursement:	\$2,243.48
GRAND TOTAL:	\$35,827.24

Total from Spring 2011 was:	
-----------------------------	--

\$37,759.17



June 1, 2012

### AFEC weekly update: High output, generation

By Craig Kleinhenz – manager of power supply planning

AFEC saw very high output over Memorial Day weekend. Temperatures over 90 degrees every day during the holiday weekend resulted in high power prices, which kept the plant running at full load including duct burners for the three days.

For the week, Fremont had an 82 percent load factor with last Friday and this Tuesday coming close to 90 percent. Temperatures decreased as the week went on causing the plant to be scheduled offline by PJM on Wednesday night through Thursday morning. This is the first time since the spring outage that the plant was dispatched offline during the overnight hours.

For the week, the Day Ahead 7x16 market prices at the plant location averaged \$36.98/MWh, which was more than \$15/MWh higher than the dispatch cost of the AFEC base capacity and more than \$10/MWh higher than the cost of AFEC duct burners.

### Finance and accounting meeting in Salem, Va.

By J.C. Speiser – member credit and compliance analyst

The finance and accounting meeting was held Thursday in Salem, Va. with 10 attendees from four member communities and one representative from Blue Ridge Power Agency. Following a continental breakfast and time for networking, Dawn Lund, vice president of Utility Financial Solutions, led a discussion on the importance of implementing a cash reserve policy followed by a question and answer session.

After that, Eric Lloyd, director of marketing and member relations, updated members on the operation of AFEC as well as upcoming wind and solar projects. Following Eric, Chris Deeter, senior director member credit compliance, discussed the AMP Fremont Energy Center (AFEC) qualified service area questionnaire sent to member participants and discussed the expected project's permanent financing plan for the second quarter of 2012.

Rounding out the morning, I updated members on the recent changes to AMP's credit scoring program. After lunch, Jim Moore, principal, Kensington Capital Advisors and AMP derivatives advisor, gave an overview of the fundamentals of interest rates and markets. The next finance and accounting meeting will be held on Aug. 9 in Johnstown, Pa. If you have any questions, you can reach me at either 614.540.0967 or jspeiser@amppartners.org.

### Volatility in energy market continues

By Craig Kleinhenz – manager of power supply planning

The last month and a half has been a time of extreme volatility for natural gas prices. The month started with prices near \$1.90 / MMBtu and rallied to close to \$2.80 / MMBtu.

This week healthy storage numbers and expected mild summer temperatures helped to push prices back down. This led July natural gas prices to finish the week down \$0.33 / MMBtu to finish trading yesterday at \$2.42 / MMBtu. Electric prices dropped as well this week with 2013 on-peak electric prices at AD Hub finishing yesterday down \$0.62 / MWh to close the week at \$40.54 / MWh.

### Public power mourns loss

By Jolene Thompson – AMP senior vice president/OMEA executive director

Arthur U. "Art" Magee, 75, former mayor of the City of Hubbard, passed away May 28.

Magee served as mayor of Hubbard from 1974-

1983 and 2003-2009. During his first terms as mayor, he was instrumental in bringing the voice of elected officials to AMP efforts to advocate for improved transmission access.

During his second terms as mayor, he served on the OMEA Board of Directors. Magee was elected to OMEA Honorary Membership status in 1991. He was an ardent supporter of public power throughout his career.



Art Magee Oct. 18, 1936 -May 28, 2012

A 1955 graduate of Hubbard High School, Magee attended Youngstown State University. In addition to his terms as mayor, he also served on the Hubbard City Council. He was a Trumbull County Commissioner for 16 years and worked for Aqua Ohio for three years. When he announced he was stepping down as mayor in December 2009, Magee cited health reasons.

A veteran of the U.S. Marine Corps., Magee was buried at Hubbard Union Cemetery with full military honors provided by Trumbull County American Legion Honor Guard. He is survived by his wife of 50 years, children and grandchildren.

AMP and OMEA extend their condolences to Magee's family, friends and co-workers in Hubbard.



### **News or Ads?**

Call Krista Selvage at 614.540.6407 or email to kbselvage@amppartners.org if you would like to pass along news or ads.

#### On Peak (16 hour) prices into AEP/Dayton Hub

Week end	ling June 1				
MON <b>\$40.00</b>	TUE \$ <b>59.75</b>	WED \$37.75	THU \$31.00	FRI <b>\$30.25</b>	
Week ending May 25					
MON \$36.00 AEP/Dayt	TUE \$35.00 on 2012 5x16	WED \$35.25 price as of Ju	THU \$40.50 Ine 1 — \$40.5	FRI \$4 <b>2.00</b>	
AEP/Dayton 2012 5x16 price as of May 25 — \$ 41.16					



**Reaching out to community** Damon Knight, community and small business outreach manager for Efficiency Smart, passes out free CFLs and information kits to electric customers of Eldorado Municipal Light, Sewer & Refuse during a Bill-Pay-Give-Away event in April. The Eldorado event is one of many outreach activities taking place during 2012 as part of Efficiency Smart's enhanced community outreach and smaller business initiative. Watch for more information on these efforts in future issues of *Update*.

### Interest sparks class addition

By Jennifer Flockerzie – GIS coordinator

Due to member interest, an Advanced class has been added to the lineworker class schedule.

Both classes will be identical and the alternate dates were added to accommodate all those wishing to attend. With the added class, we have openings at all levels, with limited availability in Basic 2, Intermediate, and both Advanced.

The scheduled dates for the program are:

Class	Dates
Basic 1	June 4 – 8
Basic 2	Sept. 10 – 14
Intermediate	June 18 – 22
Advanced	Aug. 6 – 10
Advanced	Sept. 24 – 28

The class fee this year is \$975 per person per week. If you have any questions or need additional information, please contact Bob Rumbaugh or Michelle Palmer by phone at 614.540.1111 or through email at rrumbaugh@ amppartners.org or mpalmer@amppartners.org.

# Be on alert for bill-paying scam targeting utility customers

By Krista Selvage – manager of publications

According to an alert issued by the American Public Power Association, municipal utilities and their customers should be on the lookout for a multi-state scam making its way across the country.

The scam aims to steal payments and identity information using in-person solicitation, social media, fliers, phone calls and text messages. Scammers have been targeting utility customers throughout the U.S., with victims reported in California, Illinois, Tennessee, Texas and Florida.

Memphis Light, Gas and Water estimates about 1,000 customers have been victimized by the scam, said Communications & PR Supervisor Glen Thomas. Florida Power & Light Co. reports that about 4,500 customers have fallen victim.

The Better Business Bureau reports that under the scam, con artists posing as utility company representatives are telling customers that President Obama has approved special funding through the Federal Reserve Bank for utility bill assistance. No such funding program exists.

Scammers are asking customers for personal information, such as Social Security identification numbers, through automated phone calls, in person door-to-door visits, and online solicitation. They then provide victims with a fraudulent bank routing number for them to pay their utility bills.

Anyone with information regarding this scam should contact local law enforcement authorities.



#### June 8—APPA RP3 second-session webinar

Aug. 9—AMP finance and accounting subcommittee meeting Holiday Inn-Johnstown, Johnstown, Pa.

Sept. 6—AMP finance and accounting subcommittee meeting Fort Piqua Plaza Banguet Center, Piqua

Oct. 22-25—AMP/OMEA Conference InterContinental Hotel, Cleveland

Nov. 29—AMP finance and accounting subcommittee meeting AMP Headquarters, Columbus

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### **Update Classifieds**

# Applications for broadband technician are being sought

The Princeton Electric Plant Board in Princeton, K.Y. is currently seeking applicants for broadband technician. The primary goal of the broadband technician is to provide and maintain high quality and reliable service to all PEPB wireless and fiber internet customers. The position is responsible for all aspects of the operation and maintenance of the wireless and fiber internet, AMI (TWACS), and SCADA system. Duties and responsibilities for this position include but are not limited to the following:

• Scheduling appointments and performing on-site commercial and residential internet installations.

• Installation, maintenance, removal, and rearrangement of antennas, coaxial cables, Ethernet cables, modems, and other equipment necessary to the operation of the wireless internet system.

• Upgrading, downgrading, and monitoring the customer's level of internet service and keeping accurate and current customer records and accounts.

• Maintenance and operation of the email system to include adding/deleting email addresses, changing passwords, maintaining and using mass mailing lists, etc.

• Maintenance and operation of the wireless and fiber broadband internet system.

Qualifications of the successful applicant will include an associate degree (AA) from a college or technical school or equivalent, completion of a certified program is preferred, a minimum of five years experience, a valid KY driver's license, and have the ability to become certified by wireless and fiber broadband equipment providers.

This position requires 24 hour standby rotation and relocation to within an 8 mile radius of the Caldwell County Courthouse. The position requires frequent travel to customer's homes and businesses, exposure to heights, and exposure to extreme weather conditions.

Candidates for this position must be physically, mentally, and psychologically able to perform all of the required duties. Position requires physical strength, finger and limb dexterity, and mobility. Candidates must have the ability to work off of a ladder or other structures at various elevations, or work in confined locations such as a crawl space for extended periods of time. Candidates must also be able to lift and relocate materials weighing up to 90 pounds.

The Princeton Electric Plant Board is an EEO/mf employer that offers a competitive compensation and benefits package including paid vacation, sick leave, and participation in the Kentucky County Employees Retirement system. This is a full time 40 hour per week position.

Pre-employment testing will be required of the successful applicant. Applications will be filed with John Humphries, Princeton Electric Plant Board, P.O. Box 608, Princeton, Kentucky 42445. Deadline for filing of application is June 30, 2012.

# Journeyman lineworker position open in Grafton

The Village of Grafton is seeking qualified applicants for the position of journeyman lineworker. Applicants may pick up an application from 960 Main St., Grafton, Oh 44044. Applications and Motor Vehicle Request (MVR) form must be completely filled out and returned no later than 12:00 p.m. (noon) June 15, 2012.

Job requirements: licensed journeyman/lineworker, ability to perform: switching, hot line work, rebuild lines, install metering, splice and install underground conductors, construct/maintain and repair overhead and underground electric distribution lines up to 12,470 volts; operate amp meters, volt meters, phase meters, and cable locators. Must be able to assist in design, layout and procurement of materials; and read and interpret blueprints and respond to trouble calls at any time of the day. Able to complete and pass a physical and drug screen, ability to stand/walk for extended periods of time in any weather condition, ability to lift 75 lbs, climb poles, work any day of the week to include weekends and holidays, ability to operate machinery and sit stationary for extended duration on equipment. Ability to wear all required safety equipment and comply with local, state and federal laws.

Desired: four years of technical training and one year as a qualified lineman first class with a valid Class A CDL. Management experience preferred.

This is an at-will position and subject to change or be cancelled by village administrator or the legislative authority. The Village of Grafton is an equal opportunity employer and drug free work place.

# Village of Versailles seeks to fill administrator position

The Village of Versailles, Ohio, is seeking qualified, professional candidates for the position of Village administrator.

The person appointed will report to the mayor and will provide general administrative direction; supervises activities of assigned personnel; advises employees on proper operations and procedures; directs the management and operation for all utility, street, urban forestry, park, cemetery, fire department, emergency medical services, planning, zoning, business and economic development activities, and grant writing activities.

A complete job description is available by contacting the Village of Versailles Administrative Office at 937-526-3294 extension 203, or by visiting the Village of Versailles website at www.versaillesohio.cc

Please submit resume to Jeff A. Subler, Mayor, Village of Versailles, 177 North Center Street, P.O. Box 288, Versailles, Ohio 45380 or jeffasubler@versaillesohio.cc.

Interested individuals are asked to submit a cover letter and resume by 4 p.m. June 4, 2012. The Village of Versailles is an Equal Opportunity Employer.



# Legislative Bulletin

### 2012 OML Bulletins

### June 8, 2012

### GENERAL ASSEMBLY RETURNS NEXT WEEK

The General Assembly will be returning to the Statehouse next week to wrap-up a few remaining legislative priorities before they return to their home districts for a summer recess. Tuesday through Thursday of next week will be filled with committee hearings and sessions in both the House and Senate. We have posted the announced committee schedule below for next week. There are not too many municipal related items being heard next week with the exception of the House Ways and Means Committee will be holding a second hearing on the topic of Municipal income Tax Uniformity.

As we announced last week, the hearing will be held Wednesday, June 13 beginning at 9:30am in Hearing Room #122. We would very much appreciate hearing in advance from any of our members who may be coming to the Statehouse on Wednesday to testify. As a matter of courtesy, we want to inform the Chairman's office of who or how many witnesses he and his committee members can expect to testify before them, and we can only do this if you tell us of your intentions on participating. We can also help answer any questions you may have about testifying before the committee and more importantly, we can counsel you on areas of your testimony that may not be relevant to the focus of the committee's attention concerning this hearing.

We want to thank those who testified at the first hearing and look forward to additional communities sharing with members of the General Assembly the importance to them the revenue generated by their municipal income tax is and the need to consider the critical nature of this funding source in any future legislative proposals.

### June 4, 2012

### MUNICIPAL INCOME TAX INTERESTED PARTIES RECONVENE

Late last week, Rep. Cheryl Grossman (R-Grove City) held another interested party meeting to continue the dialogue between representatives of the OSCPA, Ohio Chamber of Commerce, NFIB-Ohio, OML staff and select municipal tax administrators. We would like to thank Mayor Southerland of Bay Village for also attending the meeting to lend the perspective of the Cuyahoga Mayors and Managers, to the discussion.

The meeting discussion basically followed the same talking points as previous meetings had, as the two sides continue to exchange ideas and perspectives on the various items that are included in the current list of variances pertaining to the municipal income tax. One new item was presented for discussion which gives us great reservation and had not been broached previously. The concept was presented that in the guise of greater uniformity, local ordinances governing a communities tax operations would no longer be necessary and all operations of a municipal income tax would be governed by the tenants of Ohio Revised Code Chapter 718 which includes the mandate that any future rule addressing any particular component of the local tax would have to go through the regulatory requirements and approval of the State of Ohio's Joint Committee on Agency Rule Review (JCARR). If part of a legislative proposal, this idea could cause our nearly 600 municipalities that currently administer their own locally supported tax a great deal of administrative difficulties trying to navigate such a State bureaucratic system to address issues that may surface on the local level which currently are efficiently addressed now on the local level. Any problem that may occur with a filing procedure are currently rectified on the local level, adding greater expediency in resolving difficulties resident and business filers may encounter. We feel it is crucial that local tax administrators retain the ability to work one-on-one with their clients to address their needs and any attempt to deviate from this practice would be a tremendous disservice to the community and taxpayers which they serve.

We continue to impress upon those attending the Interested Party meetings about the harmful effects some of the proposals coming from the Municipal Income Tax Uniformity Coalition would have on our community's ability to provide the level of service crucial to economic development by substantially reducing revenue streams, and how not only would the residents be adversely effected by these reductions in municipal general operating dollars but businesses would directly suffer the consequences as well. Representative Grossman has asked the Interested Party participants to reconvene again June 21st.

# HOUSE WAYS AND MEANS COMMITTEE SCHEDULES SECOND MUNICIPAL INCOME TAX UNIFORMITY HEARING

On Thursday, Chairman Peter Beck (R-Mason) announced a second hearing in the House Ways and Means Committee on the topic of municipal income tax uniformity. The Committee will be holding the hearing Wednesday, June 13 at 9:30am in Hearing Room # 122. We encourage those municipal officials to consider attending the hearing and to share with committee members the importance to your community the revenue generated by the municipal income tax is and if changes are made to how the tax is administered, that the solutions be revenue neutral.

### LOCAL GOVERNMENT INNOVATION FUND GRANTS & LOANS AWARDED

The Ohio Municipal League would like to congratulate those cities and villages that have been awarded Local Government Innovation Fund Loans and Grants in the First-Round of funding by the Ohio Department of Development. On Friday June 1<sup>st</sup> the Local Government Innovation Council Awarded \$6.3 million in loans and grants to qualifying local government projects in the area of consolidated services and improved efficiencies. Out of the \$6.3 million awarded Ohio cities and villages received almost \$1 million for a variety of projects.

The Ohio Municipal League would like to remind our members that the Local Government Innovation Fund will continue to accept applications for future rounds of funding with the next round expected for this fall. OML encourages our members to research program guidelines and requirements to determine if there project meets LGIF criteria. You can find that information along with a complete list of local governments who have received awards on the Ohio Department of Development's website at the below link.

http://development.ohio.gov/Urban/LGIF.htm