# WISCONSIN FALCONWATCH 2011 NESTING SEASON REPORT

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**Above**: "Eclipse" (b/r) 67/H was produced in 2009 at the Rhoades State Office Tower in Columbus, OH. She nested unsuccessfully at We Energies Oak Creek Power Plant in Oak Creek, WI.

For Adria & Parker

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### **CITING THIS REPORT**

Any and all information extracted from this report should be cited as follows:

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## WISCONSIN FALCONWATCH 2011 Nesting Season Overview

This year marks 25<sup>th</sup> anniversary of Peregrine Falcon recovery efforts in Wisconsin. Beginning in Milwaukee in 1987 with the first releases of captive-produced young, Wisconsin's peregrine population has steadily grown from the first nest in Milwaukee in 1988, to 32 nests this year throughout the state.

This year we had a known total of 85 young produced at 32 successful nest sites. Thirteen nests were located along the Lake Michigan shoreline, 4 along the Fox River, 2 along the Wisconsin River, 1 on the shore of Lake Superior, 10 along the Mississippi River (6 on cliffs) (*source RRP*), and 2 inland at Madison and Jefferson.

Despite an almost 16% increase in the number of successful nests this year (from 27 to 32), production was only up a little under 4% (from 82 to 85). The overall average number of young produced/nest actually went down from 3.03 in 2010 to 2.65 in 2011.

Still, we're seeing a continuing expansion of the population and the lower than expected production this year may have been due at least in part to the cold wet spring we experienced. This likely had a similar adverse impact on the insect hatch and subsequent availability of food for the young of many passerines – the main food source normally available to peregrines during the nesting season.

The table below explains nesting terminology used in this report. Nesting activity is extracted from known, verifiable data. As such, there could have been young produced at nests that we are unaware of. A likely scenario would be the peregrines observed this spring at the Thermagen site in Neenah. This pair may have nested again on the Roland Kampo Bridge but there are no observations or data to positively support this so the site is listed as outcome Unknown.

Successful =	Young produced
Failed =	Eggs Laid – no young produced
Active/Non-productive =	Falcons observed – no eggs produced
Unknown =	No confirmed observations
Color band: (b/r) =	Black/Red
Color band: (b/g) =	Black/Green
Color band: (bl) =	Black

Once again I'd like to express my sincere gratitude to the many corporations, organizations and individuals (see Acknowledgements on pg. 40 in this report) that helped to make 2011 another successful year for Wisconsin's Peregrines.

The following pages provide an overview of the 2011 nesting season.

## LAKEFRONT NEST SITES

### **Pleasant Prairie: We Energies Pleasant Prairie Power Plant**



### **Nesting Details**

Adult Female: "Thilmany" (b/g) N/44, here for her third year was produced in 2007 at the Thilmany Mill in Kaukauna, WI.

Adult Male: Believed to be "Dave" (b/g) B/36, produced in 2006 at We Energies Port Washington Generating Station, the same male as last year.

Eggs: 4 Laid between April 5 – 12 Projected Hatch Dates: May 12 – 16 **Eggs Hatched:** 4 May 14 – 16 Banded: 3 males on June 7

NOTE: On July 5, "Zap" (b/g) 63/R was found dead on site.

This site has been active since 1997 producing a total of 45 young (3.0/year).

Above: Thilmany at her nest box on a cold and snowy April 18<sup>th</sup> **Right:** The three brothers





#### **Banding Data**

V			
Name	Sex	Project Band	USFWS Band
Reliable	Male	(b/r) 62/R	1126-14413
Zap	Male	(b/r) 63/R	1126-14414
Filament	Male	(b/r) 64/R	1126-14415
GPS: 42 Dec	rrees 32' 1	16 N 87 Degrees 5	4' 13 W

42 Degrees 32' 16 N, 87 Degrees 54' 13 W

## Kenosha: United Hospital System, Kenosha Medical Center



Nesting Details

**Juvenile Female: "Olivia" (b/r) 00/Y,** produced in 2010 at the Chase Bank, in Allen Co., OH.

Adult Male: "Aaron" (b/g) 80/H, a 2002 West Milwaukee Malteurop (*Froedtert*) produced falcon is back for his 6<sup>th</sup> year.

**Eggs:** 3 Laid between May 2 – 6 **Projected Hatch Dates:** June 8 – 10 **Eggs Hatched:** 2 Between June 6 – 7 **Banded:** 1 Male on June 29







**Above:** Olivia **Left:** Apollo **Right:** Aaron

This site has been active since 2006 producing a total of 8 young (1.14/year).

Banding	Data		
Name	Sex	Color Band	USFWS Band
Apollo	Male	(b/r) 72/R	1126-14423
<b>GPS:</b> 12 Degrees 31' 30 N 87 Degrees 10' 11 W			

GPS: 42 Degrees 34' 39 N, 87 Degrees 49' 11 W

### **Racine: Racine County Courthouse**



Nesting Details

**Adult Female: (b/g) R/13**, produced in 2007 at the Tower Building in South Bend, IN, back for her 3<sup>rd</sup> year.

Adult Male: "Beaster" (b/g) 67/M, produced in 2005 at We Energies Pleasant Prairie Power Plant, back for his 4<sup>th</sup> year.

**Eggs:** 4 Laid between March 24 – April 3 **Projected Hatch Dates:** May 2 – 4 **Eggs Hatched:** 4 Between May 3 – 5 **Banded**: 3 Females & 1 male on May 28



This site has been active since 2002 producing a total of 25 young (2.5/year).





Banding Da	nta		
Name	Sex	Project Band	USFWS Band
Karen	Female	(b/r) 04/V	1907-02743
Betty	Female	(b/r) 05/V	1907-02744
Skip	Female?	(b/r) 06/V	1907-02745
Joe	Male	(b/r) 53/R	1126-14404

Above: R/13 Left: Beaster Below: A web cam image from feeding time on May 17

**GPS:** 42 Degrees 43' 30 N, 87 Degrees 47' 03 W

### Milwaukee: US Bank



Nesting Details

#### Adult Female: Unbanded

Adult Male: Banded b/g but no positive ID.

Eggs: 3 Laid by April 22 Projected Hatch Dates: May 24 – 26 Eggs Hatched: 2 on May 24 Banded: 1 Female & 1 male June 14

**NOTE:** Over the past year there was an unbanded, female peregrine seen regularly at the nearby Hoan Bridge/MMSD site. She was initially seen as a juvenile during the winter of 2009 – 2010. Activity at the Hoan Bridge/MMSD site waned in April this year and an unbanded, adult female turned up at the US Bank site. It's likely this is the same female.

**NOTE:** On June 28, "**Mable**" (b/r) 22/V was found injured in downtown Milwaukee. She was rehabbed at the WI Humane Society and successfully released on July 29.

This site has been active since 1988 producing a total of 51 young (2.1/year).





Above: The adult female overhead as I return her chicks to the nest box after banding Below: Mable (on right) with her little brother Leo – banded and back home in their nest box

#### Banding Data

Danung	Data		
Name	Sex	Color Band	USFWS Band
Mable	Female	(b/r) 22/V	1907-02762
Leo	Male	(b/r) 67/R	1126-14418
<b>GPS:</b> 43 Degrees 02' 18 N, 87 Degrees 54' 10 W			

### **Milwaukee: We Energies Valley Power Plant**



**Nesting Details** 

Adult Female: "Maya" (b/g) M/12, was produced in 2006 at the WPS Weston Power Plant in Rothschild, WI. Maya nested at Milwaukee's US Bank site in 2007 & 2008. This is her 2<sup>nd</sup> year here.

Adult Male: "Swede" (b/g) P/Z, produced at the WPS Green Bay Pulliam site in 1999 - likely here for his 6<sup>th</sup> year.

Eggs: 2 Laid between March 25 – 29 3 Laid between March 31 – April 8 Projected Hatch Dates: May 11 – 13 Eggs Hatched: 1 on May 11 Banded: 1 Female on June 2

**NOTE:** Two separate clutches were laid here, possibly by different females. The first clutch was destroyed on March 29 and a new scrape made on the opposite end of the nest box in which the second clutch was laid.

**NOTE:** On August 15, the remains of "**Tesla**" (b/r) **14/V** were found on site –no known cause of death.

This site has been active since 2002 producing a total of 22 young (2.2/year).

#### Banding Data

Name	Sex	Project Band	USFWS Band
Tesla	Female	(b/r) 14/V	1907-02753
GPS: 43 D	egrees 02' N,	87 Degrees 57' 4	9 W





Above: Maya Below: Tesla

## Milwaukee: UW Milwaukee, EMS Building



**Nesting Details** 

**Adult Female:** Unbanded, likely her 2<sup>nd</sup> year here.

Adult Male: "Hoffmann" (b/g) 54/M, produced in 2003 at the Edgewater Generating Station in Sheboygan, WI back for his 2<sup>nd</sup> year.

**Eggs:** 4 Laid between April 1 – 8 **Projected Hatch Dates:** May 9 – 11 **Eggs Hatched:** 4 Between May 8 – 10 **Banded:** 4 Females on June 2





**Above**: The unbanded female **Left**: The 4 females after banding

This site has been active since 2009 producing a total of 12 young (4.0/year).

#### Banding Data

Name	Sex	Project Band	USFWS Band	
Barbara	Female	(b/r) 10/V	1907-02749	
Dian	Female	(b/r) 11/V	1907-02750	
Nettie	Female	(b/r) 12/V	1907-02751	
Muriel	Female	(b/r) 13/V	1907-02752	
000. 40 D				

GPS: 43 Degrees 01' 25 N, 87 Degrees 53' 54 W

### Milwaukee: St. Joseph's Hospital - New Site

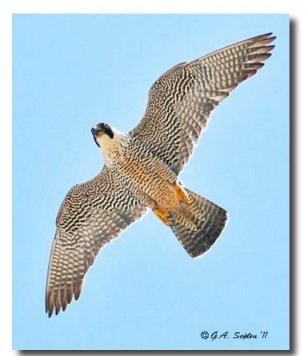


### **Nesting Details**

Adult Female: "Vortex" (b/r) 47/E, produced in 2009 at the Valero Renewables site in Jefferson, WI.

Adult Male "Herbert" (b/g) 80/N, produced in 2004 at We Energies Valley Power Plant in Milwaukee. Herbert nested at Milwaukee's Miller Brewery site from 2006 – 2010 but this nest failed (1 cold, wet egg found) and Herbert moved to the St. Joseph's Hospital site.

Eggs: 3 on April 6 Projected Hatch Dates: May 9 – 11 Eggs Hatched: 3 Between May 9 – 11 Banded: 1 Female & 2 males on June 1



Above:"Vortex" Below left: The 3 chicks on banding day Below right: "Herbert"





#### **Banding Data**

Name	Sex	Project Band	USFWS Band
Grace	Female	(b/r) 09/V	1907-02748
Hercules	Male	(b/r) 60/R	1126-14411
Talons	Male	(b/r) 61/R	1126-14412
GPS: 43 De	$\alpha r = e \circ \Omega A'$	26 N 87 Degrees	58' 37 W

GPS: 43 Degrees 04' 26 N, 87 Degrees 58' 37 W

### West Milwaukee: Malteurop (formerly Froedtert Malt Complex - ADM)



**Nesting Details** 

Adult Female: "Amylase" (b/r) \*E/\*S, a 2008-produced falcon from the US Steel old coke plant in Gary, IN, back for her 2<sup>nd</sup> year.

Adult Male: "JJ" (b/g) 96/N, produced in 2005 at the Valero Renewables site at Jefferson, WI - back for his 3<sup>rd</sup> year.

Eggs: 3 Between March 24 - 28 Projected Hatch Dates: May 1 – 3 Eggs Hatched: 1 on May 5 Banded: 1 Female on May 26

This site has been active since 1995 producing a total of 44 young (2.6/year).







*Above: Amylase photographed at her nest box Left: Izzy on banding day Below: "JJ"* 

#### **Banding Data**

Name	Sex	Project Band	<b>USFWS Band</b>
lzzy	Female?	(b/r) 01/V	1907-02740
<b>GPS:</b> 42	Degrees 59' 5	8 N, 87 Degrees	58' 02 W

### Wauwatosa: Mayfair Mall



**Nesting Details** 

**Immature Female: "DJ" (b/r) 54/E** produced in 2010 at the Edgewater Generating Station in Sheboygan, WI.

Adult Male: Believed to be "Polyo" (b/g) E/65, produced in 2008 at We Energies Port Washington Generating Station – same as last year.

Eggs: 2 Laid between May 3 – 5 Projected Hatch Dates: May 27 – 29 Eggs Hatched: 1 on June 7 Banded: Did not band

**NOTE:** The falcons were present at the nest box on the north mall tower early in the season but moved to the south mall tower where they nested in a former Red-tailed hawk stick-nest on a precarious 12<sup>h</sup> floor ledge.

This site has been active since 2009 producing a total of 5 young (1.7/year).

**Above:** "DJ" and her chick on June 8 **Below:** The lone chick on June 22





## Port Washington: We Energies Port Washington Generating Station



Nesting Details

Adult Female: "Indy Froona" (b/g) \*V/\*Y, produced in 2009 at the Market Tower nest site in Indianapolis, IN. This is her 1<sup>st</sup> year at this site.

Adult Male: Not yet ID'd.

**Eggs:** 3 Laid between March 24 – 30 **Projected Hatch Dates:** May 3 – 5 **Eggs Hatched:** 2 on May 4 **Banded:** 1 Female & 1 male, May 27

**NOTE:** Last November I ID'd "**Indy Froona**" (b/g) \*V/\*Y inside the nest box here. She then spent all of January and half of February at the UW Milwaukee nest site until she was displaced by an unbanded adult female during a horrific battle that ensued inside the nest box there on February 17. After losing the battle, Indy Froona seemingly disappeared and we thought she may have been killed. That was until the morning of March 8 when she returned to the Port Washington site.





*Above:* Indy Froona *Below:* Amara & Killowatt

This site has been active since 2000 producing a total of 40 young (3.3/year).

Banding [	Data		
Name	Sex	Project Band	USFWS Band
Amara	Female	(b/r) 07/V	1907-02746
Killowatt	Male	(b/r) 54/R	1126-14405
GPS: 43 Degrees 23' 01 N, 87 Degrees 52' 13 W			

### Sheboygan: Edgewater Generating Station



**Nesting Details** 

Adult Female: (b/g) P/63, produced in 2005 at Grand Haven L. and P., Sims Plant in Grand Haven, MI. This is her 4<sup>th</sup> year here.

Adult Male: Unidentified but banded b/g.



Eggs: 4 Between March 23 – 29 Projected Hatch Dates: April 28 – 30 Eggs Hatched: 4 Between April 28 – May 4 Banded: 3 Males on May 20



*Above*: P/63 photographed again this year by Davor Grgic *Left*: The 3 boys on banding day

This site has been active since 1992 producing a total of 63 young (3.2/year).

#### Banding Data

Name	Sex	Project Band	<b>USFWS Band</b>
Buckles	Male	(b/r) 13/M	1126-06616
Lance	Male	(b/r) 14/M	1126-06617
Festus	Male	(b/r) 15/M	1126-06532

**GPS:** 43 Degrees 42' 58 N, 87 Degrees 42' 22 W

## Manitowoc: Busch Agricultural Resources



**Nesting Details** 

Adult Female: (b/g) 7/\*U, produced in 2001 at the New Center in Detroit, MI. This is her 8<sup>th</sup> year at this site.

Adult Male: Unidentified but banded b/g.

Eggs: 5 on April 4 Projected Hatch Dates: May 2 - 5 Eggs Hatched: 3 Between May 6 - 10 Banded: 2 young on May 26



This site has been active since 1998 producing a total of 48 young (3.4/year).



**Above:** 7/\*U – always to be reckoned with **Left:** Banding day

**NOTE:** On July 29, this facility was sold to Riverland AG.

#### Banding Data

Name	Sex	Project Band	USFWS Band	
Cirrus	Male?	(b/r) 02/V	1907-02741	
Stratus	Male?	(b/r) 03/V	1907-02742	
<b>GPS:</b> 44 Degrees 05' 19 N, 87 Degrees 39' 16 W				

**NOTE:** Above are either large males or smaller females. Male bands too small – banded with female bands.

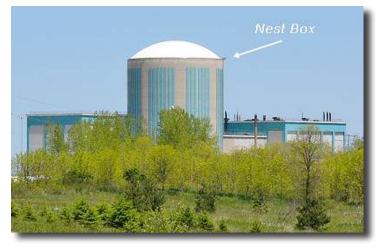
## Kewaunee: Dominion Kewaunee Nuclear Power Plant



**Nesting Details** 

Adult Female: Unknown Adult Male: Unknown Eggs: At least 3 Eggs Hatched: 3 Banded: Not banded

According to Craig Long and Laurie Paulin, peregrines were present here as early as March 11. On March 28 Craig reported 2 females on site.



Above: The Kewaunee Nuclear Power Plant

Access to the old nest box on the containment dome (above) is prohibited and the box itself which has lived out it's useful life will soon be replaced with a new box in a more accessible location to facilitate regular maintenance and hopefully begin banding here again.

Laurie Paulin reports that three young were produced at the Kewaunee site this year.

This site has been active since 2001 producing a total of 23 young (2.09/year).

**GPS:** 44 Degrees 20' 31 N, 87 Degrees 32' 10 W

## FOX RIVER NEST SITES

## Green Bay: WPS Pulliam Power Plant



**Nesting Details** 

Adult Female: "Beth" (b/g) 25/B, produced in 2003 at the Midwest Generation Power Plant in Waukegan, IL, back for at least her 6<sup>th</sup> year.

**Adult Male:** Believed to be (**b/g**) **45/H**, produced in 2001 at the Grand Haven L. and P., Sims Plant in Grand Haven, MI back for at least his 5<sup>th</sup> year.

Eggs: 4 Laid between March 28 – April 5 Projected Hatch Dates: May 4 – 6 Eggs Hatched: 2 on May 8 Banded: 2 Males on May 31



This site has been active since 1996 producing a total of 49 young (3.06/year).

#### Banding Data

Name	Sex	Project Band	USFWS Band
Cliff	Male	(b/r) 58/R	1126-14409
Champ	Male	(b/r) 59/R	1126-14410
GPS: 44 De	egrees 32'	22 N, 88 Degrees 0	0' 32 W





Above: Beth Below: Adult male Left: The 2 chicks on banding day

## Green Bay: Georgia Pacific Mill



**Nesting Details** 

Adult Female: Unbanded, likely the same as past 3 years.

Adult Male: "Elmo" (b/g) E/08, produced in 2006 at the Busch Agricultural Complex in Manitowoc, WI, likely back for his 4<sup>th</sup> year.

**Eggs:** 4 Laid between March 25 – May 5 **Projected Hatch Dates:** May 1 – 3 **Eggs Hatched:** 3 Between May 3 – 5 **Banded:** 3 males on May 25

NOTE: Bands are reversed on 52/R.

**NOTE:** On June 28, **"Spirit" (b/g) 50/R** was found dead on site.



**Above:** The unbanded adult female **Left:** The 2011 youngsters



This site has been active since 2008 producing a total of 10 young (2.5/year).

Banding	Banding Data				
Name	Sex	Project Band	USFWS Band		
Spirit	Male	(b/r) 50/R	1126-14401		
Talon	Male	(b/r) 51/R	1126-14402		
Cade	Male	(b/r) 52/R	1126-14403		
CDC. 44	Degrees 20	22 NL 00 Degrade	01' 50 \/		

GPS: 44 Degrees 29' 33 N, 88 Degrees 01' 50 W

### Kaukauna: Thilmany Mill



**Nesting Details** 

Adult Female: "Nora" (b/g) P/76, produced in 2005 at the Graysolon Plaza in Duluth, MN – here for her 5<sup>th</sup> year.

Adult Male: Believed to once again be "lan" (b/g) 71/N, a falcon produced at We Energies Port Washington Generating Station in 2004 – his 6<sup>th</sup> year here.

Eggs: 4 Laid between April 14 – 22 Projected Hatch Dates: May 22 – 24 Eggs Hatched: 3 Between May 23 - 26 Banded: 1 Female & 2 males on June 16





Above: Nora, one of the most aggressive peregrines in Wisconsin! Left: Banding day

This site has been active since 2007 producing a total of 15 young (3.0/year).

#### Banding Data

Name	Sex	Project Band	USFWS Band
Emma	Female	(b/r) 24/V	1907-02763
Jack	Male	(b/r) 69/R	1126-14420
Duey	Male	(b/r) 70/R	1126-14421

**GPS:** 44 Degrees 16' 57 N, 88 Degrees 15' 11 W

### Oshkosh: UW Oshkosh – New Site



**Nesting Details** 

Paul Bruce first reported peregrines here on January 20. Additional observations followed and I visited the site on February 16 to meet with UWO staff and discuss nest box options. Plans were subsequently drawn up and a nest box was built, and installed atop the Gruenhagen Conference Center on March 8. A web cam was also installed at



Above: Web cam image of "Deborah" feeding her chicks

the same time. On April 2, the first web cam image of a falcon was recorded at this site. Subsequent web cam images revealed the identities (band numbers) of both adult falcons and on April 17, the first of 3 eggs was laid.

Adult Female: "Deborah" (b/r) 04/E, produced in 2009 at the Evanston Library site in Evanston, IL.

Adult Male: "Hondo" (b/g) H/56, a falcon produced in 2009 at the Edgewater Generating Station site in Sheboygan, WI.

Eggs: 3 Laid between April 17 – 22 Projected Hatch Dates: May 25 – 27 Eggs Hatched: 2 Between May 24 - 26 Banded: 1 Female & 1 male on June 16

**NOTE**: After a morning rescue on July 11, "**Millennium**", **(b/r) 23/V** was found in the nest box prostrate and lethargic late that day - was removed for treatment at AVES but subsequently died – possibly from an internal injury and dehydration.

#### **Banding Data**

Name	Sex	Project Band	USFWS Band	
Millennium	Female	(b/r) 23/V	1907-02761	
Titan	Male	(b/r) 68/R	1126-14419	
<b>GDS:</b> 11 Degrees 01' 18 N 88 Degrees 32' 53 W				

GPS: 44 Degrees 01' 18 N, 88 Degrees 32' 53 W

## **WISCONSIN RIVER NEST SITES**

## **Rothschild: WPS Weston Power Plant**



**Nesting Details** 

Adult Female: "Feathers" (b/g) R/88, produced in 2009 at the Horizon Milling site in Lake City, MN.

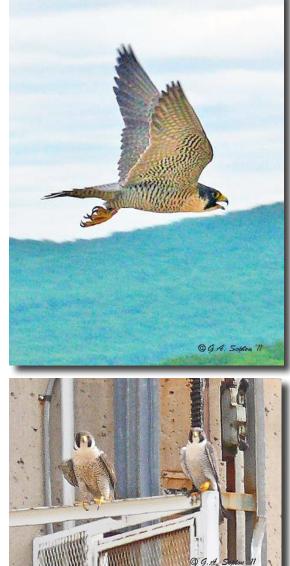
Adult Male: Unbanded

Eggs: 3 Laid between April 9 – 14 Projected Hatch Dates: May 17 -19 Eggs Hatched: 2 on May 18 Banded: 1 Female & 1 male on June 9

**NOTE:** On August 9, the remains of **"Busa" (b/r) 65/R** were found on site.



This site has been active since 2006 producing a total of 16 young (2.7/year).



#### Banding Data

Banang B			
Name	Sex	Project Band	USFWS Band
Hedweg	Female	(b/r) 21/V	1907-02760
Busa	Male	(b/r) 65/R	1126-14417

GPS: 44 degrees 51' 34 N, 89 degrees 38' 57 W

Above: "Feathers" Left: The 2 chicks Below: The adults perched on the stack catwalk railing

## Pardeeville: Alliant Columbia Generating Station



**Nesting Details** 

Adult Female: (b/r) 02/H, produced in 2009 at the MEC Louisa site in Louisa Co., IA.

Adult Male: Unidentified but believed to be "Hippie" (b/g) 02/N, produced in 2003 at the Monticello Power Plant in Monticello, MN - likely the same male here since 2006.

**Eggs:** 4 Between March 29 – April 4 **Projected Hatch Dates:** May 5 - 7 **Eggs Hatched:** May 5 – 7 **Banded:** 3 Females on June 3 *Note:* Above dates are estimates.





**Above:** 02/H **Left:** The 3 young when I first visited the nest box on May 17.

This site has been active since 2006 producing at least 25 young (4.16/year).

Banding Data				
Name	Sex	Project Band	USFWS Band	
Lori	Female	(b/r) 15/V	1907-02754	
Autumn	Female	(b/r) 16/V	1907-02755	
Jett	Female	(b/r) 17/V	1907-02756	
GPS: 43 de	egrees 29'	17 N, 89 degrees	25' 15 W	

### **INLAND NEST SITES**

## Jefferson: Valero Renewables (formerly Cargill Malt/Renew Energy)



## **Nesting Details**

Adult Female: "Smokey" (b/g) 82/A, produced in 2003 at the Edgewater site in Sheboygan, WI - her 8th year here.

Adult Male: Unidentified – purple USFWS band missing. Could be "Suzuki" (b/g) E/6 who was observed at the MG&E site in Madison last year – also missing his USFWS band. Suzuki was produced at We Energies Pleasant Prairie Power Plant in 2006.

**Eggs:** 5 Between March 31 – April 6 **Projected Hatch Dates:** May 7 – 11 **Eggs Hatched:** 4 Between May 15 – 17 **Banded:** 3 Females & 1 male on June 7

**NOTE:** On August 23, the remains of **"Tina" (b/r) 20/V** were found on site.



**Above:** Smokey at her nest box **Left:** The chicks in the shade after banding



This site has been active since 2004 producing a total of 28 young (3.5/year).

#### **Banding Data**

Name	Sex	Project Band	USFWS Band			
Hailey	Female	(b/r) 18/V	1907-02757			
Jordan	Female?	(b/r) 19/V	1907-02758			
Tina	Female	(b/r) 20/V	1907-02759			
Logan	Male	(b/r) 66/R	1126-14416			
CDS: /3 C	<b>GDS:</b> 13 Degrees 02' 13 N 88 Degrees 17' 38 W					

GPS: 43 Degrees 02' 13 N, 88 Degrees 47' 38 W

## Madison: Madison Gas & Electric Company



**Nesting Details** 

Adult Female: "Frightful" (b/g) P/15, produced in 2007 at the King Plant in Bayport, MN back for her 3<sup>rd</sup> year.

Adult Male: "Verne" (b/g) E/42, produced in 2007 at We Energies Oak Creek Power Plant in Oak Creek, WI back for his 3<sup>rd</sup> year.

**Eggs:** 4 Laid between March 28 – April 4 **Projected Hatch Dates:** May 4 – 6 **Eggs Hatched:** 4 Between May 7 – 8 **Banded:** 1 Female & 3 males on May 31

**NOTE:** On June 11, **"Wingra"**, **08/V** died in the nest box.





Above: Frightful Below left: This year's young Below right: Verne – image courtesy of Plant Manager, Steve Schultz

This site has been active since 2009 producing a total of 11 young (3.7/year).

#### Banding Data

Name	Sex	Project Band	USFWS Band
Wingra	Female	(b/r) 08/V	1907-02747
Mendota	Male	(b/r) 55/R	1126-14406
Waubesa	Male	(b/r) 56/R	1126-14407
Monona	Male	(b/r) 57/R	1126-14408

GPS: 43 Degrees 04' 46 N, 89 Degrees 22' 28 W

## LAKE SUPERIOR SITES

## Ashland: Ore Dock



**Nesting Details** 

Todd Nass and Ryan Brady report that an adult male peregrine was first spotted here this year during the week of March 16 and a pair was present on March 24. The pair nested in the same place as last year (east side - halfway out) and two chicks were produced - fledging around July 16.

This site will likely be lost as Todd indicated there appears to be movement on the ore dock demolition negotiations, possibly beginning yet this year.

Adult Female: Unbanded – likely the same female as last year.

Adult Male: Believed to be "Napoleon" (b/g) W/47, produced in 2006 at the North Shore Mining nest site in Silver Bay, MN – back for his second year.

Eggs: Unknown Eggs Hatched: At least 2 Fledged: 2 July 15 – 16

This site has been active since 2009 producing a total of 5 young (1.67/year).

**GPS:** 46 Degrees 59' 83 N, 90 Degrees 87' 79 W

## **MISSISSIPPI RIVER NEST SITES**



Photo Credits: BNSF RR Bridge - John Weeks, Eyass peregrines – Dan Berger

**Trempealeau County: Castle Rock** – 4 young produced. This site has been active since 2002 producing a total of 28 young (2.8/year).

**Crawford County: Lynxville Cliff** – 1 young produced. This site has been active since 2003 producing a total of 21 young (2.33/year).

**Alma: 12-Mile Bluff** – 4 young produced. This site has been active since 2007 producing a total of 14 young (2.8/year).

**Genoa: Dairyland Power Cooperative** – 3 young produced. This site has been active since 1988 producing a total of 48 young (3.42/year).

**Cassville: Nelson Dewey Alliant Power Plant** – 3 young produced. This site has been active since 2001 producing a total of 31 young (2.82/year).

La Crosse: US Bank – 3 young produced. This site has been active since 2006 producing a total of 15 young (2.5/year).

**Prescott: BNSF Railroad Bridge** – 3 young produced. (*Data provided by Jackie Fallon*) This site has been active since 2007 producing a total of 8 young (1.6/year).

**Trempealeau: Trempealeau Bluff** – 2 young produced. This was the first successful nest at this site.

**Fountain City Bluff** – 2 young produced – but found dead in nest box. This was the first successful nest at this site.

**Pierce County: Diamond Bluff** – 2 young produced. This was the first successful nest at this site.

For complete information on the Mississippi River nest sites visit the **Raptor Resource Project (RRP)** web site at: <u>www.raptorresource.org/</u>

### **FAILED NEST SITES**

## Oak Creek: We Energies Oak Creek Power Plant



### **Nesting Details**

Adult Female: "Eclipse" (b/r) 67/H, a 2009 falcon produced at the Rhodes State Office Tower in Columbus, OH. This is her 1<sup>st</sup> year at OCPP.

Adult Male: "Scott" (b/g) M/Y, here for his 6<sup>th</sup> year was produced in 2000 at the Malteurop complex (*formerly Froedtert Malt complex*) in West Milwaukee, WI.

Eggs: 3 Laid between April 15 – 18 Projected Hatch Dates: May 21 – 23 Eggs Hatched: Nest Failed

**NOTE:** The nest here likely failed because of the interactions between the peregrines and the great horned owls. During daylight hours the falcons regularly incubated but at night they left their nest and their eggs untended when the owls (with young in their own nearby nest) were present and active. During hours of daylight the falcons ruled the roost here but at night the owls were in charge. If the falcons continued to incubate at night they would have been vulnerable to an attack inside their nest box by an adult owl. In such an attack the owl likely

would have been the victor.

This site has been active since 1998 producing a total of 40 young (2.86/year).

Above: Eclipse Below left: Her 3 eggs Below right: Scott







### Milwaukee: Miller Coors Brewery



**Nesting Details** 

I first visited this site on the morning of March 11 but found no falcons present. Employees had reported seeing them during the early morning hours. When I returned to the site on April 4, I found one cold, wet, partially submerged egg in the corner of the nest box.

On April 5, I returned to the site and found an adult male and an immature female present. I replaced the wet pea gravel in the nest box and salvaged the old egg. On April 21, I visited the site again but found no falcons – a scenario that remained in place for the remainder of the season. Interestingly, "Herbert" (b/g) 80/N, the brewery's resident male was found nesting at the new St. Joseph's Hospital site this spring. The two sites are only 3.45 miles apart as the peregrine flies. The nest box here needs to be replaced and this has been approved by management so hopefully things will get back to normal here before next spring.

This site has been active since 2002 producing a total of 27 young (2.7/year)

Kimberly: New Page Kimberly Mill (formerly StoraEnso Kimberly Mill)



**Nesting Details** 

Peregrines were again present here this year but in a replay of last year's events, only one egg was laid and the nest failed. It's likely the female here was once again "Nora" (b/g) P/76 who successfully nested again at the Thilmany Mill - about 4-5 miles downriver. Last season I photographed Nora at both sites on the same morning.

On April 5, Dick Lemke reported a peregrine perched in front of the nest box. During the ensuing days he spotted two falcons present and on April 13, he found one egg in the nest box but no falcons. On April 19, Kimberly was hit with 8.5" of snow that filled the nest box. During the week of April 30, two falcons were again observed at the mill but still only the one egg. Two peregrines were again seen at the nest box on May 4, one with prey.

This now vacant facility has been sold to AIM Demolition, a metal recycling operation that will be deconstructing the mill for scrap. This site will be lost.

This site has been active since 2005 producing a total of 15 young (2.14/year)

### Green Bay: UW Green Bay



Nesting Details

A pair of peregrines was first observed here by Tom Erdman on April 21. The falcons were checking out the Cofrin Library, the tallest building on campus. The building has a number of tall, diagonal ventilation duct openings with slightly sloping floors just beneath the roof – at right.



When inspecting the vents, Tom found what could have been a scrape consisting of debris from old Cliff swallow nests and suggested that a first clutch of eggs may have been lost.

On April 22 a nest tray with pea gravel was placed on the floor of the vent opening in hope that the falcons would attempt re-nesting.

When the site was inspected again on May 9, three eggs were found in the nest tray but these were lost from an unknown cause on May 14 – some shell fragments were found in the nest tray and a single broken egg was found on the ground beneath the nest site. Tom reported that the male stayed on site for the next four days but no falcons were seen afterwards.



**Above**: The upper ventilation ducts at the Cofrin Library **Below**: An adult peregrine leaving the nest ledge

Images courtesy of Tom Erdman

Plans are to get a nest box installed atop the Cofrin Library before next spring.

## **ACTIVE/NON-PRODUCTIVE SITES**

## **Racine Quarry**

After two falcons were found dead near this site in 2007, I've made an effort to look for activity here each spring and usually spot at least one falcon during the season. This year I tried again and on the very windy morning of May 23, I spotted an adult male peregrine streaking across the quarry about half way down from the top but this was my only sighting.



**Above**: The view from the atop the east wall of the quarry looking W/NW

I still believe falcons may be attempting to nest here but viewing is only possible from the east and because of the shape of the quarry, this is somewhat limited. Access to the floor of the quarry is usually prohibited but I've inquired with management re. doing this next spring and may be allowed to have a more thorough look from inside.

### Milwaukee: Hoan Bridge/MMSD – Veolia Water NA

In spite of having activity here nearly every spring, there have only been two successful nests. The first was in 1999 when peregrines nested at the juncture of steel I-beams under the road surface of the Hoan Bridge producing 4 young. The second was in 2008 when the falcons utilized the nest box atop the Milwaukee Metropolitan Sewerage District (MMSD) facility and produced 2 young.

On March 8 this year Mike Wegner notified me that a pair of peregrines was again present at the nest box at this site. On March 11, I found an unbanded adult female and a banded (b/g) adult male on site and there was a scrape in the nest box.

Activity continued here into mid-April. When I visited the site on the morning of April 11 no peregrines were found but they returned later that same day. This was the same day I found an unbanded adult female inside the nest box at the nearby US Bank site. I suspect this is the same unbanded adult female I'd been seeing at MMSD earlier in the season and believe she is the same unbanded female that successfully nested at US Bank producing two young.

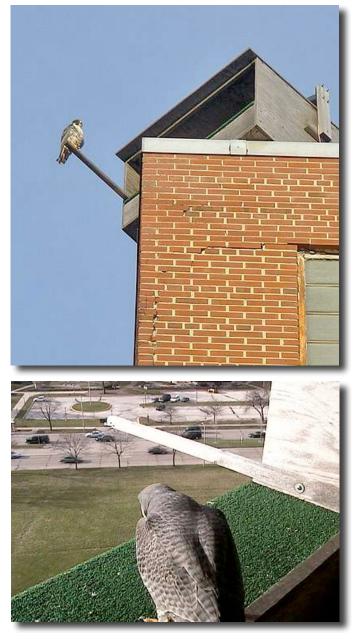
This site has been active since 1999 producing a total of 6 young (0.46/year)

### Milwaukee: We Energies Milwaukee County Power Plant

Web cam images first showed a peregrine here on March 4 and another was spotted on March 29. On April 5, Chuck Vincent caught a web cam image of an adult female in the nest box that was ID'd as "Jesse" (b/g) K/77, a falcon produced in 2008 at the Dairyland Power Coop in Genoa, WI. On the same day Kathy Fox was able to take images of this falcon perched in front of the nest box (at right). This same falcon was captured on the web cam here last year but ended up nesting at Wauwatosa's 's Mayfair Mall site.

When I visited the site again on April 11, I found an adult pair of peregrines "prospecting" possible nest ledges at the nearby Children's Hospital. I also saw an adult peregrine in the area on May 10.

Once again, it looks like MCPP was passed by this year but as we've learned with other sites sometimes it just takes time.



**Above:** A peregrine perched in front of the MCPP nest box on April 5 **Below:** Web cam image of an adult female in the nest box on April 11.

### **Two Rivers: Fisher Hamilton Complex**

Bob Posvic reports that a single peregrine was observed at this site throughout the winter months but was last seen on March 13. Because of its proximity to successful nests at Manitowoc and Kewaunee, this site should become active at some point in the near future. The only drawback that may be hindering this is the adjoining Herring gull nesting colony. When the first and only known nesting attempt (failed) was made here in 2007, Herring gulls were an issue since they nested on the same rooftop as the peregrines and were a constant nuisance.

### Sturgeon Bay: Bay View Bridge

On March 18, a report was received from bridge tender Steve Graff stating that two peregrines had been observed hanging around the bridge. On March 29, I spoke with Steve for additional information and called him again on June 6 at which time he stated that he was still seeing the falcons but not on the bridge.

In mid-June, Tom Erdman visited the site and reported that it was "very poor, with almost no place to nest or place a box, unless you want it over water."

On July 8, a dead adult female peregrine was found on the bridge and identified as "Lori", (b/g) \*W/\*D, produced in 2009 at the Tower Building, South Bend, IN.

### **Superior: General Mills**

Dave Evans reports that he first observed peregrines at this site on March 30 and was able to get a partial band number on the adult female as (bl) ?/8. He believes this is the same female that nested at this site last year. The adult male was unbanded.

On May 26, Dave received a call from Julie O'Connor informing him that an adult female banded **(bI) \*B/8** was found nesting at the Graysolon Hotel in Duluth and had young. This is the same female that nested at the General Mills site last year. She was produced in 2004 at Mt. McRae, Ontario, Canada.

Dave further stated that be believes nothing happened at the General Mills site this year. Peregrines were present early in the season and were again observed later in July. Dave believes the male here attracted a new female late in the season but that no nesting occurred.

This site has been active since 2009 producing a total of 6 young (2.0/year).

### Neenah: Thermagen Power (formerly Minergy Glass Aggregate Plant)

A new nest box was installed at this site and a web cam installed to monitor activity. And, in early April the first peregrines were recorded at this site.

Activity continued until at least the 20<sup>th</sup> but then waned. It is suspected that the pair seen here this year and in past years may be the pair that nested on the nearby Roland Kampo Bridge.



**Above**: A web cam image of an adult peregrine inside the Thermagen nest box on April 2<sup>nd</sup>

This site has been active since 2005 producing a total of 2 young (0.28/year).

### Pepin County: Maiden Rock

Two adult falcons present in late April – thought to be on eggs – but failed? This site first became active in 1987 when 3 young were produced. It wasn't until 2001 however that regular production took hold. Since then a total of 27 young have been produced (2.45/year).

### Pepin County: West Bluff

Two falcons on territory in late April – no eggs. This site has been active since 2005 producing a total of 13 young (1.86/year).

### Wyalusing: Wyalusing Quarry

An immature female and an adult male were observed on this quarry wall. Brett Mandernack was able to read the band number on the female. She is **"Takara" (b/r) 03/S**, produced in 2010 at the Colonade Building in Minneapolis, MN. No eggs were laid.

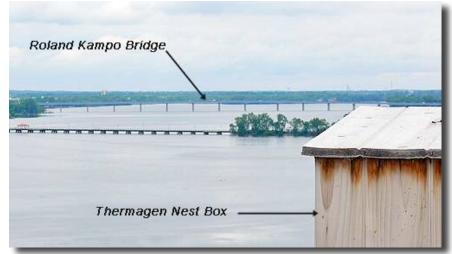
For complete information on the Mississippi River nest sites including the above three cliff sites, visit the **Raptor Resource Project (RRP)** at: <u>www.raptorresource.org/</u>

## UNKNOWN

### Menasha: Roland Kampo Bridge

On June 16, I spent some time scanning the understructure of this bridge from the west shore of Little Lake Butte des Morts. Although I didn't see any falcons, its still possible they nested here again this year.

As noted in the Neenah: Thermagen site account in this



**Above**: A view of the Roland Kampo Bridge from the nest box at the Themagen site

report, falcons are likely visiting both of these sites. The only way to really locate the actual nest here would be from a boat. This may be possible next spring.

This site has been active since at least 2009 producing at least 3 young (1.00/year).

## Fond du Lac: MAG

Steve & Janet Wissink report seeing two peregrines beginning the first two weeks of July at and around the large MAG manufacturing facility along the Fond du Lac River. Their detailed observations further documented peregrines in the area as late as August 15. Its doubtful the falcons nested this year due to their late arrival but efforts will be made to get a nest box installed on a suitable structure before next spring.

## WISCONSIN PRODUCED PEREGRINES NESTING IN OTHER STATES



Over the past 25 years numerous Wisconsin-produced peregrines have nested in other states. In 2011, Wisconsin peregrines were identified in the following states: IL (M. Hennen), IN (J. Castrale), OH (J. Norris), MN (J. Fallon) and PA (W. PA Conservancy web site). Although there are likely others that have yet to be identified, following is known information on Wisconsin-produced peregrines that nested or were identified in other states for 2011:

### Illinois

**"Auntie Em" (b/g) 5/\*P**, a female produced at Milwaukee's Landmark on the Lake site in 1999 paired with an unbanded male. The pair nested at 5821 N. Broadway, in Chicago producing 3 young.

"Rosie" (b/r) \*6/D, a female produced at Milwaukee's Landmark on the Lake site in 1997 paired with an unbanded male at the University of IL Chicago site and produced 2 young.

**"Fran" (b/g) 5/\*X**, a female produced at Milwaukee's Hoan Bridge site in 1999 paired with an unidentified male at the Waukegan site producing 1 young.

**"Amazon" (b/g) R/38**, a female produced at We Energies Oak Creek Power Plant was identified along with a male banded (b/g) L/N at the Pilson Park site. Three eggs were laid and 2 hatched but were found dead on May 25.

"**Squawker**" (b/g) 48/M, a male produced at the We Energies Pleasant Prairie Power Plant in 2003 paired with a female banded (b/g) 64/D produced at Cedar Rapids, IA in 2004. They nested at the Evanston Library and produced 4 young.

"Rahn" (b/g) 01/A, a female produced at the Alliant Edgewater site in Sheboygan, WI in 2001 paired with an unidentified male. The pair nested at the Wacker Drive site in Chicago and produced 3 eggs that were abandoned. A fight at this site resulted in the death of "Haiden" (b/g) 97/N, a male produced at the Malteurop site in West Milwaukee and it is not known if the previous male "Joe" (b/g) 59/H who was also produced at the Malteurop site in 2001, was involved in this battle. Eggs were subsequently laid at both ends of the nest ledge but were not incubated. **"Helen" (b/g) 73/D**, a female produced at the Busch Agricultural Resources site in Manitowoc, WI in 2004 paired with an unbanded male and nested at the South Loop/Michigan Ave., site producing 2 young.

"Scruffy" (b/g) N/38, a female produced at Milwaukee's US Bank site in 2007 is believed to have successfully nested at Chicago's Lakeview site however no young have actually been observed due at least in part to the lack of viewing opportunities at this site.

### Indiana

"Chantal" (b/r) \*B/\*C, a female produced at West Milwaukee's Malteurop site (*formerly Froedtert Malt*) in 1998 paired with male Kinney (b/r) 7/\*3 hacked at Lexington, KY in 1993. The pair nested at the Market Tower nest site in Indianapolis producing 2 young but one died. The surviving chick was banded on May 24.

**"Latesha" (b/g) Z/K**, a female produced in Genoa, WI in 1999 paired with a b/g banded male. The pair nested at the NIPSCO Schahfer Plant in Wheatfield producing 3 young.

## Ohio

**"Newton" (b/g) 18/A**, a female produced at the Kewaunee Nuclear Plant in Kewaunee, WI in 2001 paired with male Bolt (b/g) 518/P produced at the Bohn Building site in Cleveland, OH in 2003. The pair nested at the I-90 Bridge site in Cleveland producing 3 eggs and fledging 2 chicks.

"**Princess**" (b/r) \*B/\*S, a female produced at the Busch Agricultural Resources site in Manitowoc, WI in 1998 paired with male Dwight (b/g) 52/P produced at the PNC Bank in Cincinnati, OH in 2004. This pair nested at the PNC Bank site in Cincinnati and produced 2 young.

### Pennsylvania

**"Dorothy" (b/g) 5/\*A**, a female produced at Milwaukee's US Bank site in 1999 paired with a male banded E2. They nested at the Cathedral of Learning site at the University of Pittsburgh producing 4 young.

### Minnesota

**"Seapro" (b/g) R/97**, a female produced at We Energies Port Washington Generating Station in 2009 paired with male Brandon (b/g) W/31 produced in 2006 at Financial Center Xerxes & I-94 Bloomington, MN. The pair nested at the Hwy 610 Bridge in the Twin Cities, MN producing two eggs that did not hatch.

## **WISCONSIN NEST SITE TYPES & PRODUCTION 2011**



Site Type	Ν	%Total	Site Type	Young	% Total
Power Plants	11	34%	Power Plants	30	35%
Buildings	13	41%	Buildings	35	41%
Elevators/Silos	3	9%	Elevators/Silos	8	9%
Paper Mills	2	6%	Paper Mills	6	7%
Banks	2	6%	Banks	5	6%
Courthouses	1	3%	Courthouses	4	5%
Breweries	0	0%	Breweries	0	0%
Universities	2	6%	Universities	6	7%
Hospitals	2	6%	Hospitals	5	6%
Office Towers	1	3%	Office Towers	1	1%
Sewage Treatment	0	0%	Sewage Treatment	0	0%
Natural Cliffs	6	19%	Natural Cliffs	15	18%
Bridges	1	3%	Bridges	3	4%
Ore Docks	1	3%	Ore Docks	2	2%
Total Nest Sites	32		Total Young	85	

Total Nest Sites32Total Young85Note: Numbers of young represent known production. Percentages are rounded.



### WEB SITE & WEB CAM LINKS

### We Energies Nest Sites

http://www.we-energies.com/environmental/peregrine\_falcons.htm Nest Box Web Cams, Nesting Season Updates and Annual Reports.

### **US Bank - Milwaukee Nest Site**

http://www.usbankcentermilwaukee.com/USBank\_Environmental.aspx Nesting Season Updates and Special Reports

### Malteurop - West Milwaukee Nest Site

http://falconviewer.com/view/index.shtml Nest Box Web Cam, Nesting Season Updates, Photo Galleries & Reports.

### **Racine County Courthouse Nest Site**

http://falconcam.goracine.org/view/viewer\_index.shtml?id=262 Nest Box Web Cam

### WPS Green Bay - Pulliam & Rothschild - Weston Nest Sites

http://www.wisconsinpublicservice.com/news/falcons.asp Pulliam Web Cam, Nesting Season Updates, Photo Galleries & Reports

### Madison Gas & Electric Nest Site

http://www.mge.com/about/falcon/index.htm Nesting Season Updates, Video Clips and Special Reports

### **UW Milwaukee Nest Site**

http://www4.uwm.edu/letsci/biologicalsciences/falcon/ Nest Box Web Cam, Nesting Season Updates, Video Clips and Special Reports

# UW Oshkosh Nest Site

https://portal.housing.uwosh.edu/apps/cameras/FalconLapse Nest Box Web Cam

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Adria Dav Eric Adsen Bob Anderson Bill Bain Marty Baine Joseph Ball Tony Bernier John Boesiger Richard Bowen Paul Bredael Ryan Brady Paul Bruce Nancy Businga Bryan Brosamie Amber Burnette Kipp Cannon **Dave Carpenter** Karen Cleveland Noel Cutright David Danielson Rose Dehli Pete Dempsey Steve Deslauriers Dawn Dettlaff Greg Duescher Steve Durocher Terrv Ederer Joe Ell Tom Erdman Dave Evans Tim Ellestad Jackie Fallon Gwen Fellin Pat Fisher Todd Foerster Diane Foreman Calvin Frazier

Tony Giordana Ernesto Gonzalez Steve Graff Mike Grisar Dave Groshek Davor Grgic Greg Haacke Neil & Bettie Harriman Darrel Heckman Dan Hegar Chuck Hermes Doug Herzog Mark Hoeff Lori Holly **Bill Holton** John Idzikowski Pam Ishman Steve Jagow Linda Johnson Marty Johnson Wayne Johnson Mike Jones Karl Jeske Kirk Kempker Tom Koenitzer Dean Koscielak Christine Kowalski Sabrena Kreier Lvnn Kroll Al Labinski Greg Labonte Bob Lauer Dawn Lemke Dick Lemke Karmen Lemke Joe Leonhard

Marge Gibson

Brad Leissring Jerry Lokenvitz Craig Long Jean Lord Chip Lovell Dave Luckow James Luther Brian Maedke **Brian Manthey** Pat Manthey Jim Marks Mike Martin Steve Martinez Sumner Matteson Joe McClurg Kris McKinney Gary McLoughlin Nathan McNeil Barry McNulty Randy Meissner Mike Moore Andrew Moschea Matt Meeuwsen Todd Nass Mark Nessman Mary Nicholson Laurie Paulin Joe Piette David Polster Julia Ponder Bob Posvic John Powers Paul Ramiriz Bruce Ramme Trisha Rebek Pat Redia Theresa Reeb

Veolia Water Fisher Hamilton Georgia Pacific USDA UW - Milwaukee UW - Oshkosh WI DNR WI DOT Bechtel Construction Willowbrook Wildlife Haven AVES Wisconsin Humane Society

> Bob Reske Brad Richardson Tami Ryan George Richter Sue Schenk-Drobny Jan Schmidt Tom Schuck Greg Schuh Steve Schultz Cathy Schulze Jeff Schumacher Craig Seefeldt Randie Segal Dr. Stanley I. Sehler Kris Sitterle Wendy Sky **Bill Smith** Steve Smith **Bob Springer** Mark Steege Roger Stienen Bill Stout Liz Stueck-Mullane John Szyszkiewicz **Bob Vanthiel** Don Verbsky Chuck Vincent John Weeks Mike Wegner Paul Weise Beka Weiss Leslie Winter Jeff Woller **Bob Wright** Bob Wunsch Kevin Wussow Bob Zahn

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