Daniels, Simon

From:	Ray Krausz [redacted]
Sent:	Tuesday, December 02, 2014 12:34 PM
To:	Daniels, Simon
Subject:	Comments Supporting the NLRS

NLRS
PC-02

Dear Illinois EPA Comments,

I am an Illinois farmer and a member of Illinois Farm Bureau. I appreciate the Illinois Environmental Protection Agency and Illinois Department of Agriculture's lead in developing the Nutrient Loss Reduction Strategy. As a farmer, I want to make sure the nutrients I apply to my fields are efficiently used by the crops. On my farm, I use best management practices to care for the land and water to preserve both for my future generations. Current efforts by Illinois farmers have helped us learn how to implement practices to reduce nutrient losses, and we are always looking for new ways to improve the way we use nutrients on our farms. I appreciate that the Strategy continues to focus on the use of education, outreach and voluntary, incentive-based practices to address the agricultural issues. Nutrient use and its impact on water quality are complicated, and widespread adoption of necessary best management practices can result from the use of such tools. As a farmer, I take great pride in my work and in caring for the environment. I am committed to the continued use of best management practices to implement the concepts discussed in the Strategy.

Sincerely,

Ray Krausz
[redacted]

Daniels, Simon

From:	William Womack [redacted]
Sent:	Friday, December 05, 2014 10:22 AM
To:	Daniels, Simon
Subject:	Re: Comments to The Illinois Nutrient Loss Reduction Strategy

NCRS
RC-03

Mr. Daniels:

Don't know if you need my address and phone number or not, but I forgot to give it to you earlier. Here it is:

William E. Womack
[redacted]

–Bill

On Fri, Dec 5, 2014 at 7:54 AM, William Womack [redacted] wrote:

Mr. Simon Daniels:

I applaud your effects in developing the Illinois Nutrient Loss Reduction Strategy. As a retired farmer myself, it is long overdue. Agriculture is the life of America. If we are to survive as a nation, Soil and Water Conservation must be protected at all cost.

One only has to take a Sunday drive through any county in Illinois (and I've traveled them all) to see poor management and farming practices of farmland being utilized. You can not help but notice that most fields are planted right out next to the road or drainage ditch---allowing water and nutrients to escape.

Whatever happened to Ag Basics 101 from my freshman high school days? Then, it was strongly recommended to maintain a well mowed 15-20 feet border of mixed grass, clover, etc. around fields to act as a field access road or ***"buffer"*** for water drainage. This eliminated the need for field tile, which is very expensive and over-rated. It does nothing to filter or retain the nutrients.

Most farmers agree that because farmland is so expensive these days, they need every inch to breakeven. While this may have little merit, it is not a long term solution.

Therefore, I would like to suggest for your consideration that all farmland designated by farmers as a ***"buffer"*** and which meet the definition of a ***"buffer"*** be exempt from property taxes. If properly implemented, this guideline is essential to the fundamental strategy that you seek.

Sincerely,

Wm. E. Womack

Daniels, Simon

From: William Womack [redacted]
Sent: Friday, December 05, 2014 7:55 AM
To: Daniels, Simon
Subject: Comments to The Illinois Nutrient Loss Reduction Strategy

Mr. Simon Daniels:

I applaud your effects in developing the Illinois Nutrient Loss Reduction Strategy. As a retired farmer myself, it is long overdue. Agriculture is the life of America. If we are to survive as a nation, Soil and Water Conservation must be protected at all cost.

One only has to take a Sunday drive through any county in Illinois (and I've traveled them all) to see poor management and farming practices of farmland being utilized. You can not help but notice that most fields are planted right out next to the road or drainage ditch---allowing water and nutrients to escape.

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Therefore, I would like to suggest for your consideration that all farmland designated by farmers as a ***"buffer"*** and which meet the definition of a ***"buffer"*** be exempt from property taxes. If properly implemented, this guideline is essential to the fundamental strategy that you seek.

Sincerely,

Wm. E. Womack

Daniels, Simon

From:	Ted Beier [redacted]
Sent:	Friday, December 05, 2014 11:43 PM
To:	Daniels, Simon
Cc:	'Ed Weilbacher'; 'Dave Eustis'
Subject:	NLRS Comments

NLRS
PC-64

Please consider the following comments:

1. Figure 3.5: To judge the relative severity of stream pollutant loads it would be more helpful to report the levels per stream flow rate in addition to absolute pollutant magnitude in lb/yr.
2. Figures 3.7 and Fig. 3.8: The values of the total lengths of the corresponding bars in the two graphs do not agree. Are they not the same data divided two different ways? If so, I would expect the totals to agree. If this is not the case, the differences should be explained in the text.
3. In Fig.3.9 it appears that Point source P on the Illinois River overwhelms all other P sources. Does grey water treatment attempt to remove P? If not, that would be a good place to start since most dentifrices and detergents are phosphate based.
4. Figure 3.16: The figure indicates that Carlyle Lake in impaired, but the main channel of the Kaskaskia River, which supplies its water is not. Is this reasonable? Also, why is an acceptable standard 1 mg/L for streams flowing into a lake and the standard for the lake 0.05 mg/L?
5. Page 3.28 and 3.29: The units of mg/L does not need an exponent of -1 on the L.
6. Page 3.29: Are the costs of removing N and P mutually exclusive such that the costs add in totality? One would think not.
7. Page 3.34: The text states that P from stream bank erosion is not included. This would be a major source of sediment bound P on the middle Kaskaskia River which suffers from major bank erosion, and the primary source of the high P levels on the lower Kaskaskia.
8. Page 3.29: Text states there is cost data in Appendix A, but one finds no cost data there.
9. Page 4.1: The HUC8 watershed list indicated in Appendix B is incorrect. These data are in Appendix A.
10. Appendix A: The columns in the tables are not identified with headers. What do the numbers indicate?
11. Table A.2: The table lists the Upper Kaskaskia as one of the major HUC8 contributors for non-point source P. Looking at Figure 3.15 one would conclude that the entry should be the Lower Kaskaskia; not upper. Again, this is largely the result of severe bank erosion on the Middle Kaskaskia when the dams at Shelbyville and Carlyle are dumping at maximum rate. None of the existing BMPs can stabilize the banks against these high energy flows. The Kaskaskia River WRDA study requires funding to solve this problem.

Dr. Theodor H. Beier
President, Carlyle Lake Association
Vice President, Kaskaskia Watershed Association

Daniels, Simon

From: Elliott Uphoff [redacted]
Sent: Monday, December 08, 2014 7:54 PM
To: Daniels, Simon
Subject: Comments Supporting the NLRS

NLRS
PC-05

Dear Illinois EPA Comments,

I am an Illinois farmer and a member of Illinois Farm Bureau. I appreciate the Illinois Environmental Protection Agency and Illinois Department of Agriculture's lead in developing the Nutrient Loss Reduction Strategy. As a farmer, I want to make sure the nutrients I apply to my fields are efficiently used by the crops. On my farm, I use best management practices to care for the land and water to preserve both for my future generations. Current efforts by Illinois farmers have helped us learn how to implement practices to reduce nutrient losses, and we are always looking for new ways to improve the way we use nutrients on our farms. I appreciate that the Strategy continues to focus on the use of education, outreach and voluntary, incentive-based practices to address the agricultural issues. Nutrient use and its impact on water quality are complicated, and widespread adoption of necessary best management practices can result from the use of such tools. As a farmer, I take great pride in my work and in caring for the environment. I am committed to the continued use of best management practices to implement the concepts discussed in the Strategy.

Sincerely,

Elliott Uphoff

[redacted]

December 16, 2014

NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

RECEIVED
DEC 19 2014
BUREAU OF WATER
BUREAU CHIEF'S OFFICE

NLRS
PC 06

RE: Comments Supporting the NLRS

To Whom It May Concern:

I am an Illinois farmer and a member of Illinois Farm Bureau. I appreciate the Illinois Environmental Protection Agency and Illinois Department of Agriculture's lead in developing the Nutrient Loss Reduction Strategy.

As a farmer, I want to make sure the nutrients I apply to my fields are efficiently used by the crops. On my farm, I use best management practices to care for the land and water to preserve both for my future generations. Current efforts by Illinois farmers have helped us learn how to implement practices to reduce nutrient losses, and we are always looking for new ways to improve the way we use nutrients on our farms.

I appreciate that the Strategy continues to focus on the use of education, outreach and voluntary, incentive-based practices to address the agricultural issues. Nutrient use and its impact on water quality are complicated, and widespread adoption of necessary best management practices can result from the use of such tools.

As a farmer, I take great pride in my work and in caring for the environment. I am committed to the continued use of best management practices to implement the concepts discussed in the Strategy.

Sincerely,

Dale Moreland

Union County Farm Bureau
104 W. Broad St. PO Box F
Jonesboro, IL 62952

Illinois EPA
Bureau of Water
1021 North Grand Ave. East
P.O. Box 19276
Springfield, IL 62794-9276

62794927676

December 16, 2014

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DEC 19 2014
BUREAU OF WATER
BUREAU CHIEF'S OFFICE

NLRS
PC-07

NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

RE: Comments Supporting the NLRS

To Whom It May Concern:

I am an Illinois farmer and a member of Illinois Farm Bureau. I appreciate the Illinois Environmental Protection Agency and Illinois Department of Agriculture's lead in developing the Nutrient Loss Reduction Strategy.

As a farmer, I want to make sure the nutrients I apply to my fields are efficiently used by the crops. On my farm, I use best management practices to care for the land and water to preserve both for my future generations. Current efforts by Illinois farmers have helped us learn how to implement practices to reduce nutrient losses, and we are always looking for new ways to improve the way we use nutrients on our farms.

I appreciate that the Strategy continues to focus on the use of education, outreach and voluntary, incentive-based practices to address the agricultural issues. Nutrient use and its impact on water quality are complicated, and widespread adoption of necessary best management practices can result from the use of such tools.

As a farmer, I take great pride in my work and in caring for the environment. I am committed to the continued use of best management practices to implement the concepts discussed in the Strategy.

Sincerely, Myron C Albers

December 16, 2014

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BUREAU OF WATER
BUREAU CHIEF'S OFFICE

NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

NLRS
PC-08

RE: Comments Supporting the NLRS

To Whom It May Concern:

I am an Illinois farmer and a member of Illinois Farm Bureau. I appreciate the Illinois Environmental Protection Agency and Illinois Department of Agriculture's lead in developing the Nutrient Loss Reduction Strategy.

As a farmer, I want to make sure the nutrients I apply to my fields are efficiently used by the crops. On my farm, I use best management practices to care for the land and water to preserve both for my future generations. Current efforts by Illinois farmers have helped us learn how to implement practices to reduce nutrient losses, and we are always looking for new ways to improve the way we use nutrients on our farms.

I appreciate that the Strategy continues to focus on the use of education, outreach and voluntary, incentive-based practices to address the agricultural issues. Nutrient use and its impact on water quality are complicated, and widespread adoption of necessary best management practices can result from the use of such tools.

As a farmer, I take great pride in my work and in caring for the environment. I am committed to the continued use of best management practices to implement the concepts discussed in the Strategy.

Sincerely, Charlie Braden

December 16, 2014

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BUREAU OF WATER
BUREAU CHIEF'S OFFICE

NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

NLRS
PC 09

RE: Comments Supporting the NLRS

To Whom It May Concern:

I am an Illinois farmer and a member of Illinois Farm Bureau. I appreciate the Illinois Environmental Protection Agency and Illinois Department of Agriculture's lead in developing the Nutrient Loss Reduction Strategy.

As a farmer, I want to make sure the nutrients I apply to my fields are efficiently used by the crops. On my farm, I use best management practices to care for the land and water to preserve both for my future generations. Current efforts by Illinois farmers have helped us learn how to implement practices to reduce nutrient losses, and we are always looking for new ways to improve the way we use nutrients on our farms.

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As a farmer, I take great pride in my work and in caring for the environment. I am committed to the continued use of best management practices to implement the concepts discussed in the Strategy.

Sincerely,

December 16, 2014

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DEC 19 2014
BUREAU OF WATER
BUREAU CHIEF'S OFFICE

NLRS
PC - 10

NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

RE: Comments Supporting the NLRS

To Whom It May Concern:

I am an Illinois farmer and a member of Illinois Farm Bureau. I appreciate the Illinois Environmental Protection Agency and Illinois Department of Agriculture's lead in developing the Nutrient Loss Reduction Strategy.

As a farmer, I want to make sure the nutrients I apply to my fields are efficiently used by the crops. On my farm, I use best management practices to care for the land and water to preserve both for my future generations. Current efforts by Illinois farmers have helped us learn how to implement practices to reduce nutrient losses, and we are always looking for new ways to improve the way we use nutrients on our farms.

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As a farmer, I take great pride in my work and in caring for the environment. I am committed to the continued use of best management practices to implement the concepts discussed in the Strategy.

Sincerely,

Lon Tick

December 16, 2014

NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

RECEIVED
DEC 19 2014
BUREAU OF WATER
BUREAU CHIEF'S OFFICE

NLRS
PC - 11

RE: Comments Supporting the NLRS

To Whom It May Concern:

I am an Illinois farmer and a member of Illinois Farm Bureau. I appreciate the Illinois Environmental Protection Agency and Illinois Department of Agriculture's lead in developing the Nutrient Loss Reduction Strategy.

As a farmer, I want to make sure the nutrients I apply to my fields are efficiently used by the crops. On my farm, I use best management practices to care for the land and water to preserve both for my future generations. Current efforts by Illinois farmers have helped us learn how to implement practices to reduce nutrient losses, and we are always looking for new ways to improve the way we use nutrients on our farms.

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As a farmer, I take great pride in my work and in caring for the environment. I am committed to the continued use of best management practices to implement the concepts discussed in the Strategy.

Sincerely,

December 16, 2014

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BUREAU OF WATER
BUREAU CHIEF'S OFFICE

NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

NLRS
PC-102R

RE: Comments Supporting the NLRS

To Whom It May Concern:

I am an Illinois farmer and a member of Illinois Farm Bureau. I appreciate the Illinois Environmental Protection Agency and Illinois Department of Agriculture's lead in developing the Nutrient Loss Reduction Strategy.

As a farmer, I want to make sure the nutrients I apply to my fields are efficiently used by the crops. On my farm, I use best management practices to care for the land and water to preserve both for my future generations. Current efforts by Illinois farmers have helped us learn how to implement practices to reduce nutrient losses, and we are always looking for new ways to improve the way we use nutrients on our farms.

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As a farmer, I take great pride in my work and in caring for the environment. I am committed to the continued use of best management practices to implement the concepts discussed in the Strategy.

Sincerely,

January 12, 2015

RECEIVED
JAN 26 2015
BUREAU OF WATER
BUREAU CHIEF'S OFFICE

NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

NLRS
PC -12

RE: Comments Supporting the NLRS

To Whom It May Concern:

I am an Illinois farmer and a member of Illinois Farm Bureau. I appreciate the Illinois Environmental Protection Agency and Illinois Department of Agriculture's lead in developing the Nutrient Loss Reduction Strategy.

As a farmer, I want to make sure the nutrients I apply to my fields are efficiently used by the crops. On my farm, I use best management practices to care for the land and water to preserve both for my future generations. Current efforts by Illinois farmers have helped us learn how to implement practices to reduce nutrient losses, and we are always looking for new ways to improve the way we use nutrients on our farms.

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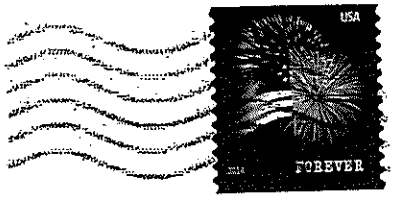
As a farmer, I take great pride in my work and in caring for the environment. I am committed to the continued use of best management practices to implement the concepts discussed in the Strategy.

Sincerely,

FARMER
UNION COUNTY

Union County Farm Bureau
104 W. Broad St, PO Box F
Jonesboro, IL 62952

SAINT LOUIS MO 630
23 MAR 2015 PM 5 L



Illinois EPA
Bureau of Water
1021 N. Grand Ave. E.
P.O. Box 19276
Springfield, IL 62794-9276

627949276 75

December 16, 2014

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DEC 19 2014
BUREAU OF WATER
BUREAU CHIEF'S OFFICE

NLRS
PC-13

NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

RE: Comments Supporting the NLRS

To Whom It May Concern:

I am an Illinois farmer and a member of Illinois Farm Bureau. I appreciate the Illinois Environmental Protection Agency and Illinois Department of Agriculture's lead in developing the Nutrient Loss Reduction Strategy.

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As a farmer, I take great pride in my work and in caring for the environment. I am committed to the continued use of best management practices to implement the concepts discussed in the Strategy.

Sincerely,

Jason Lingle

December 16, 2014

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DEC 19 2014
BUREAU OF WATER
BUREAU CHIEF'S OFFICE

NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

NLRS
PC - 14

RE: Comments Supporting the NLRS

To Whom It May Concern:

I am an Illinois farmer and a member of Illinois Farm Bureau. I appreciate the Illinois Environmental Protection Agency and Illinois Department of Agriculture's lead in developing the Nutrient Loss Reduction Strategy.

As a farmer, I want to make sure the nutrients I apply to my fields are efficiently used by the crops. On my farm, I use best management practices to care for the land and water to preserve both for my future generations. Current efforts by Illinois farmers have helped us learn how to implement practices to reduce nutrient losses, and we are always looking for new ways to improve the way we use nutrients on our farms.

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As a farmer, I take great pride in my work and in caring for the environment. I am committed to the continued use of best management practices to implement the concepts discussed in the Strategy.

Sincerely,

Harland Dillow

Daniels, Simon

NLRS
PC-15

From: Jan Martin [redacted]
Sent: Saturday, January 03, 2015 10:02 AM
To: Daniels, Simon
Subject: Comments Supporting the NLRS

Dear Illinois EPA Comments,

I am an Illinois farmer and a member of Illinois Farm Bureau. I appreciate the Illinois Environmental Protection Agency and Illinois Department of Agriculture's lead in developing the Nutrient Loss Reduction Strategy. As a farmer, I want to make sure the nutrients I apply to my fields are efficiently used by the crops. On my farm, I use best management practices to care for the land and water to preserve both for my future generations. Current efforts by Illinois farmers have helped us learn how to implement practices to reduce nutrient losses, and we are always looking for new ways to improve the way we use nutrients on our farms. I appreciate that the Strategy continues to focus on the use of education, outreach and voluntary, incentive-based practices to address the agricultural issues. Nutrient use and its impact on water quality are complicated, and widespread adoption of necessary best management practices can result from the use of such tools. As a farmer, I take great pride in my work and in caring for the environment. I am committed to the continued use of best management practices to implement the concepts discussed in the Strategy.

Sincerely,

Jan Martin
[redacted]

Daniels, Simon

From: Keith Schic[redacted]
Sent: Tuesday, January 06, 2015 4:29 PM
To: Daniels, Simon
Subject: NRCS comments
Attachments: NRCS comments.docx

NLRS
PC-16

Please see the attached comments.
Thank You

FAMILY FARMS, LLC

[redacted]

NLRS Comments
Illinois Environmental Protection Agency Bureau of Water
1021 North Grand Ave. East
P.O. Box 19276
Springfield, IL 62794-9276.

NLRS
PC-16

January 6, 2015

To whom it may concern:

I am writing in support of the proposed Illinois Nutrient Loss Reduction Strategy which encourages the voluntary adoption of appropriate best management practices for farms in Illinois.

My family has been farming in [redacted] In that time, we've seen many technologies come along that have helped us make continual improvements. Included in those technologies are best management practices that help preserve soil nutrients and protect water quality.

For example, we have already implemented no-till, conservation tillage, split application of nitrogen, side dressing of nitrogen, variable rate application of nitrogen and all fertilizers, use of nitrification inhibitors, using university recommended rates for nitrogen and phosphorus applications. We've seen the positive impact to our farm operation. I also know that these things have helped reduce nutrient runoff which helps protect water quality as well as preserve my economic investment. It makes sense for me to voluntarily implement these practices, because I certainly don't want to lose the nutrients that I've already paid for.

I have committed to these conservation practices voluntarily. I will continue to do that. I believe that the Strategy provides an adequate set of suggestions that other Illinois farmers can incorporate into their farms on a voluntary basis if they haven't already done so.

I am always looking for ways to improve my farm for the benefit of my family and our longevity in the business. Protecting our farm from both an economic and environmental perspective is what will keep our family farm sustainable for the next generation.

Again, I am in support of the proposed Illinois Nutrient Loss Reduction Strategy.

Sincerely,

Keith Schick

Daniels, Simon

From: Dale Sass [redacted]
Sent: Tuesday, January 06, 2015 7:39 PM
To: Daniels, Simon
Subject: Nutrient Loss Regulation

NLRS
PC-17

Dear Sir,

I am writing in reference to the Illinois Nutrient Loss Reduction Strategy. It is my feeling that this should be left as a voluntary program. The last thing we need in the country is more regulations, and more paper work. What non-farmers need to realize is that fertilizer is expensive and as a business man, I am not going to apply fertilizer to my field in a manner that will allow loss to the water or the air. Especially with lower crop prices we have to watch every penny.

Personally I have CRP filter strips along ALL of my creek banks. No nitrogen is applied without stabilizers to every ounce of nitrogen applied. All crops are planted into previous crop without tillage which keeps soil in place. The general public does not realize that Farmers are our countries most avid conservationalists. We are working to enhance our soils and their productivity for the next generations.

Also I need to mention that a large percentage of nutrient run-off occurs naturally in our environment from decaying leaves and organic matter in our timbers and forests. That has occurred for thousands of years and is just part of the natural process.

Please don't add to our volumes of government regulations when it is totally unnecessary.

Sincerely,

Dale Sass, a central Illinois 5th generation farmer

Daniels, Simon

From:	Buhrow [redacted]
Sent:	Tuesday, January 06, 2015 9:15 PM
To:	Daniels, Simon
Subject:	IL EPA Nutient comments
Attachments:	IL EPA Nutient comments.docx

NLRS
PC-18

Please read the attached letter.

Craig Buhrow

This email has been checked for viruses by Avast antivirus software.
www.avast.com

NLRS
PC-18

Buhrow Farms
[redacted]

NLRS Comments
Illinois Environmental Protection Agency Bureau of Water
1021 North Grand Ave. East
P.O. Box 19276
Springfield, IL 62794-9276.

January 6, 2015

To whom it may concern:

I am writing in support of the proposed Illinois Nutrient Loss Reduction Strategy which encourages the voluntary adoption of appropriate best management practices for farms in Illinois.

My family has been farming in [redacted]. In that time, we've seen many technologies come along that have helped us make continual improvements. Included in those technologies are best management practices that help preserve soil nutrients and protect water quality.

For example, we have already implemented conservation tillage, split nitrogen application, sidedressing of nitrogen, nititfication inhibitors for any fall nitrogen application, and site specific recommended phosphorous application on our farm. We've seen the positive impact to our farm operation. I also know that these things have helped reduce nutrient runoff which helps protect water quality as well as preserve my economic investment. It makes sense for me to voluntarily implement these practices because I certainly don't want to lose the nutrients that I've already paid for. We know these practices work in our county because I and several neighbors are producing the highest yields per pound of plant nutrient. We encourage more farmers to use these tested methods for crop production because it is a more efficient use our fertilizer dollars and reduces nutrient losses.

I am always looking for ways to improve my farm for the benefit of my family and our longevity in the business. Protecting our farm from both an economic and environmental perspective is what will keep our family farm sustainable for the next generation.

Sincerely,

Craig Buhrow

Daniels, Simon

NLRS
PC - 19

From: sfulling1964
Sent: Wednesday, January 07, 2015 2:04 PM
To: Daniels, Simon
Subject: Illinois Nutrient Loss Reduction Strategy

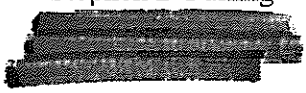
To whom it may concern;
As a farmer in the South Eastern part of Illinois that ownsand farms ground that borders the Wabash River, I am very interested in doing my part in reducing runoff into this tributary and others like it.
There are a few reasons I feel strongly about this;
1. A usable amount of nitrogen and phosphorous used to grow a crop and not have excess, means more money in my pocket. I do not want to send any down river.
2. I am a 5th generation farmer on some of this very ground that joins the Wabash. I want future generations to enjoy this watershed as much as I have.
3. I realize that the hypoxia levels in the Gulf Of Mexico need to be brought under control before we reach a level that we cannot correct.

With that being said, I believe these cutbacks should be voluntarily with guidelines and good resources such as the local SWCD offices to help implement. I also believe these cutbacks should be across the board, not just the agriculture sector.

I think you will find most farmers are interested in making their acres better for the future generations, not worse, and that we value the natural resources that we have.

Thank you for your time and consideration, please proceed cautiously and do not be afraid to ask for help and assistance from your constituents that have real life experience with these situations.

Sincerely,
Stephen D Fulling



Sent from my Samsung Galaxy Tab®4

Daniels, Simon

From:	Greg Guenther [redacted]
Sent:	Wednesday, January 07, 2015 4:47 PM
To:	Daniels, Simon
Subject:	Illinois Nutrient Loss Reduction Strategy comments
Attachments:	Illinois nurtrient loss reduction strategy comments 1-6-14.docx

NLRS
PC -20

Dear Mr. Daniels,

Attached are my comments on the INLR strategy that your agency has solicited. I have included the text in the body of this email in case your system does not accept attachments.

Thank you for your work.

Greg Guenther, corn and soybean producer
[redacted]

January 6, 2015

NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Ave. East
P.O. Box 19276
Springfield, IL 62794-9276

Gentle People,

Thank you for the opportunity to comment on the proposed *Illinois Nutrient Loss Reduction Strategy*. I understand that you worked closely with industry and agricultural associations in drafting this proposal and for that you have my profound gratitude. Too many times our regulatory agencies draft regulations that impose costly compliance mandates on us and have little or no effect improving the situation that they are trying to address. By involving those most closely affected by this proposal you have ensured that you have expert information on the best way to handle this situation while causing minimal angst among those directly impacted.

I have been farming for over 40 years and spend a considerable amount of my income on fertilizer: granular, liquid and Anhydrous Ammonia. Like most (if not all) of my peers I do not randomly apply these expensive products. They simply cost too much. In my farming operation I use Best Management Practices and Integrated Pest Management to control pests and feed my crop in the most cost-effective and efficient way possible. I do very little tillage in the spring and none at all in the fall.

Since the inception of GPS and VRT (variable rate application) technology I have had the land entrusted to me grid sampled for fertility, and using GPS technology only apply the necessary amounts of P and K to feed the crop. Recently I have changed that strategy to using crop removal based on my GPS yield monitor to just replace the nutrients that each crop removes. I only apply NH3 in the spring as close to planting as possible and always use a nitrification inhibitor such as N-Serve to keep the nitrogen in the soil for the plants to

utilize. I am looking into cover crops but do not feel that I have enough information on that practice to invest scarce resources at this time. I continue to research this conservation practice.

I have [redacted] am very conscious that the decisions I make today will impact their lives many years in the future. I consider myself a steward of the land. People who are ignorant of agriculture like to point to practices from decades ago as a reason to impose more and more restrictive regulations on my business but I know first-hand that when a farmer finds a better, more environmentally friendly and cost-effective way to do something he immediately adopts those practices. We have come a long way even in just the decade and with the resources available to us today we will continue to improve the way we operate.

I assure you that you will achieve far greater results in this endeavor by adopting a voluntary program and providing resources to educate those few who need it on the importance of this effort. I fully support this voluntary effort.

Thank you for your time and attention.

Sincerely,

Gregory L. Guenther
[redacted]

Daniels, Simon

From: Don Duvall [redacted]
Sent: Thursday, January 08, 2015 3:23 PM
To: Daniels, Simon
Subject: Comments ILEPA Nutrient Loss Red. Strategy

NLRS
PC-21

Duvall Farms
[redacted]

NLRS Comments
IL EPA Bureau of Water
1021 North Grand Ave. East
P. O. Box 19276
Springfield, IL 62794

January 8, 2015

To Whom It May Concern:

I am a fourth generation grain farmer in southern Illinois and I am writing in support of the proposed Illinois Nutrient Loss Reduction Strategy. This proposal is the result of, obviously, considerable, informed and conscientious efforts from varied stakeholders to come up with a workable solution. It is effective because it encourages the voluntary adoption of appropriate best management practices for Illinois farms.

Like most farmers, I am constantly asking myself, "How can I improve my farm?" In an effort to do that I have used: no-till, minimum till, side dressing 100% of corn nitrogen, nitrification inhibitors, cover crops, university recommended fertilizer rates, grass waterways, filter strips, riparian buffers and other conservation practices. I voluntarily did this because I believe it improved my farmland ---- and what improves my farmland , consequently improves my farm's efficiency, my "bottom line," the environment and ultimately the sustainability of my farm for generations.

I am always looking for ways to improve my farm and look forward to gleaning ideas from the proposed Strategy that will further improve my farm. As a farmer/landowner, my very livelihood depends on the conservation of, the care of, and the proper stewardship of my land, so I welcome the help that the proposed Illinois Nutrient Loss Reduction Strategy can offer.

Sincerely,

Don Duvall

Daniels, Simon

From: Hertz, Mike <MHERTZ@1stfarmcredit.com>
Sent: Thursday, January 08, 2015 3:38 PM
To: Daniels, Simon
Subject: The Strategy

NLRS
P.C. - 22

Mr. Daniels
I just wanted to drop you a quick line about the 700 acre family farm that my brother and I have in [redacted] To reduce erosion and ultimately nutrient runoff, we have placed filter strips along the creeks that we have on 2 of our farms. In addition, we no-till our soybeans and practice minimum tillage on our corn.
We soil test our farms every 4-5 years and try to maintain our fertility without going overboard. We use 28% nitrogen in the spring and work it in. We also side dress some so that we can lower the amount of 28% applied and give it to the plant when it needs it.
I really see no need to have a government agency try to further manage my operation.
Thank you!

Mike Hertz
Vice President, Pontiac Branch
1st Farm Credit Services
1512 W. Reynolds Street, Suite D
Pontiac, IL. 61764
mhertz@1stfarmcredit.com
Cell: (815)822-0474
Office: (815)844-6024
Fax: (815)844-7735

January 3, 2015

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JAN - 8 2015
BUREAU OF WATER
BUREAU CHIEF'S OFFICE

NLRS
PC - 23

NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

RE: Comments Supporting the NLRS

To Whom It May Concern:

I am an Illinois farmer and a member of Illinois Farm Bureau. I appreciate the Illinois Environmental Protection Agency and Illinois Department of Agriculture's lead in developing the Nutrient Loss Reduction Strategy.

As a farmer, I want to make sure the nutrients I apply to my fields are efficiently used by the crops. On my farm, I use best management practices to care for the land and water to preserve both for my future generations. Current efforts by Illinois farmers have helped us learn how to implement practices to reduce nutrient losses, and we are always looking for new ways to improve the way we use nutrients on our farms.

I appreciate that the Strategy continues to focus on the use of education, outreach and voluntary, incentive-based practices to address the agricultural issues. Nutrient use and its impact on water quality are complicated, and widespread adoption of necessary best management practices can result from the use of such tools.

As a farmer, I take great pride in my work and in caring for the environment. I am committed to the continued use of best management practices to implement the concepts discussed in the Strategy.

Sincerely,

Jason Balding

[redacted]

[redacted]

SAINT LOUIS MO 630

05 JAN 2015 PM 2 L

NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

62794927676

January 3, 2015

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BUREAU OF WATER
BUREAU CHIEF'S OFFICE

NLRS
PC-24

NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

RE: Comments Supporting the NLRS

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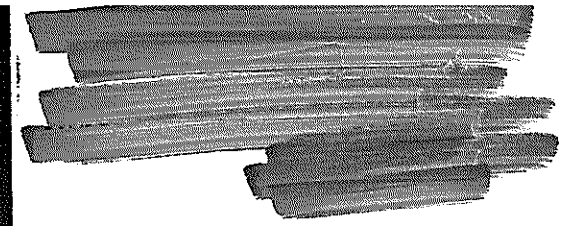
Sincerely,

Richard L. Mathis

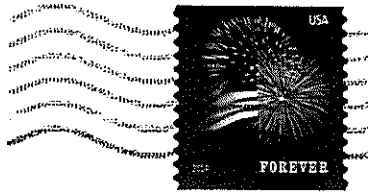
Richard Mathis

[redacted]



SAINT LOUIS MO 630

05 JAN 2013 PM 2 L



NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

62794927676

January 3, 2015

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BUREAU OF WATER
BUREAU CHIEF'S OFFICE

NLRS
PC-25

NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

RE: Comments Supporting the NLRS

To Whom It May Concern:

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As a farmer, I take great pride in my work and in caring for the environment. I am committed to the continued use of best management practices to implement the concepts discussed in the Strategy.

Sincerely,

Mark Clodfelter

Mark Clodfelter

[redacted]

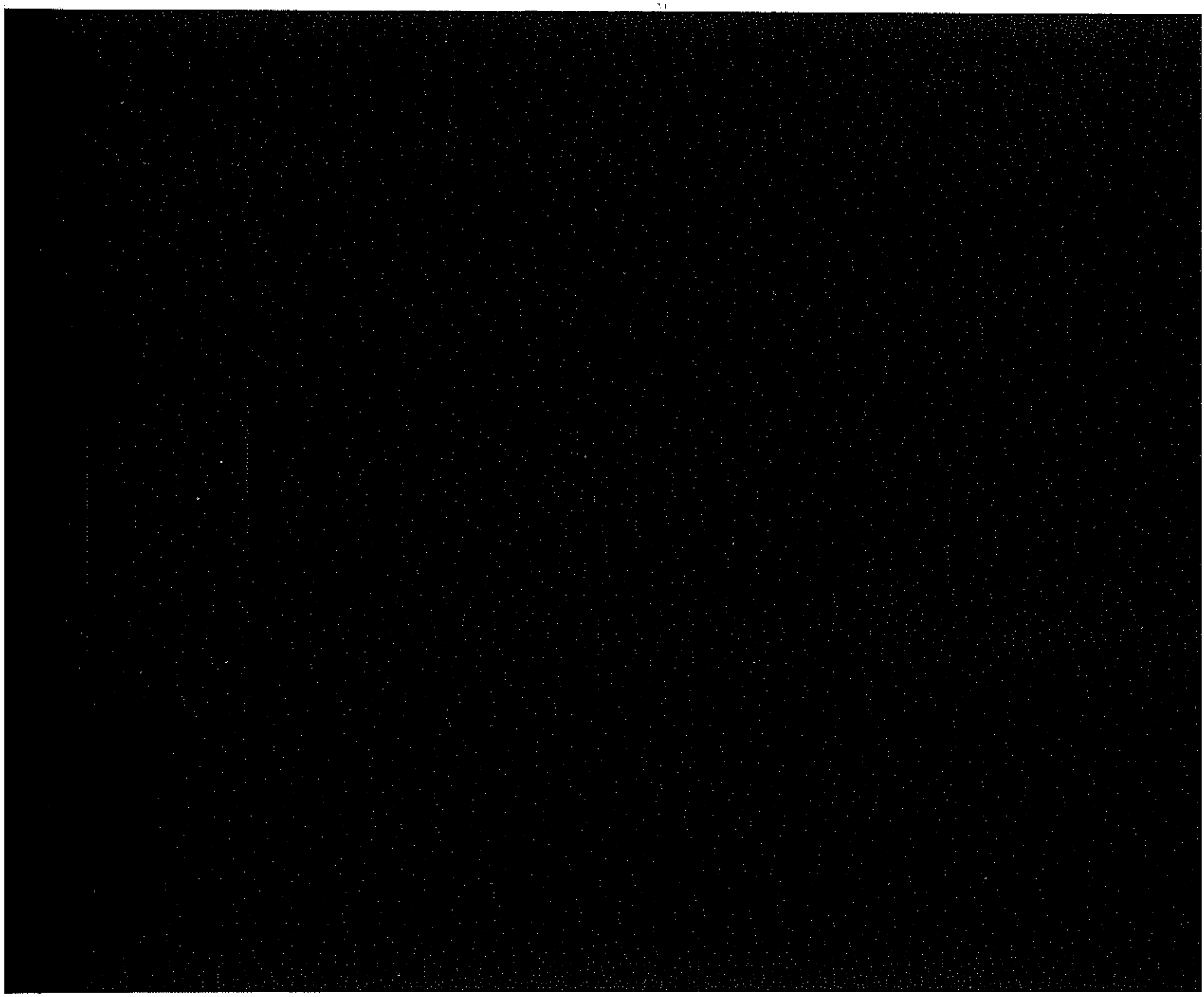
[redacted]

SAINT LOUIS MO 630

05 JAN 2015 PM 3 L

NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

62794927676



January 3, 2015

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JAN - 8 2015
BUREAU OF WATER
BUREAU CHIEF'S OFFICE

NLRS
PC-26

NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

RE: Comments Supporting the NLRS

To Whom It May Concern:

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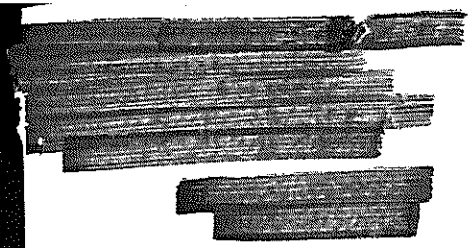
As a farmer, I take great pride in my work and in caring for the environment. I am committed to the continued use of best management practices to implement the concepts discussed in the Strategy.

Sincerely,

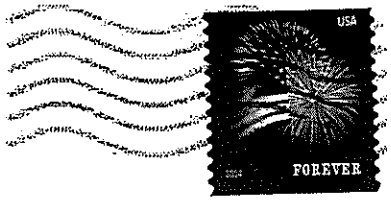
Kenny Clodfelter

Kenny Clodfelter



SAINT LOUIS MO 630

05 JAN 2015 PM 6 L



NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

62794927676

January 3, 2015

NLRS
PC-27

NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

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BUREAU OF WATER
BUREAU CHIEF'S OFFICE

RE: Comments Supporting the NLRS

To Whom It May Concern:

I am an Illinois farmer and a member of Illinois Farm Bureau. I appreciate the Illinois Environmental Protection Agency and Illinois Department of Agriculture's lead in developing the Nutrient Loss Reduction Strategy.

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As a farmer, I take great pride in my work and in caring for the environment. I am committed to the continued use of best management practices to implement the concepts discussed in the Strategy.

Sincerely,

Tom Marks

Tom Marks

[redacted]

[redacted]

CHAMPAIGN IL 618

06 JAN 2015 PM 2 L

NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

62794$9276

[redacted]

January 3, 2015

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BUREAU OF WATER
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NLRS
PC -28

NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

RE: Comments Supporting the NLRS

To Whom It May Concern:

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Sincerely,

Jim Walker

Jim Walker

[redacted]

[redacted]

SAINT LOUIS MO 630

05 JAN 2015 PM 4 L

NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

62794927676

[redacted]

January 3, 2015

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BUREAU OF WATER
BUREAU CHIEF'S OFFICE

NLRS
PC - 29

NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

RE: Comments Supporting the NLRS

To Whom It May Concern:

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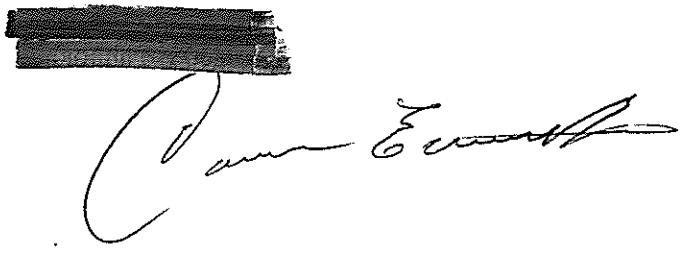
As a farmer, I take great pride in my work and in caring for the environment. I am committed to the continued use of best management practices to implement the concepts discussed in the Strategy.

Sincerely,

Carson Everett



[redacted]

SAINT LOUIS MO 630

05 JAN 2015 PM 6 L

NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

62794827676

[redacted]

January 3, 2015

NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

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JAN - 8 2015
BUREAU OF WATER
BUREAU CHIEF'S OFFICE

NLRS
PC 30

RE: Comments Supporting the NLRS

To Whom It May Concern:

I am an Illinois farmer and a member of Illinois Farm Bureau. I appreciate the Illinois Environmental Protection Agency and Illinois Department of Agriculture's lead in developing the Nutrient Loss Reduction Strategy.

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As a farmer, I take great pride in my work and in caring for the environment. I am committed to the continued use of best management practices to implement the concepts discussed in the Strategy.

Sincerely,

Jim Heindselman

[redacted]

[redacted]

SAINT LOUIS MO 630

05 JAN 2015 PM 4 L

NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

62794927676

[redacted]

Daniels, Simon

From: Jeff Scates [redacted]
Sent: Friday, January 09, 2015 9:28 AM
To: Daniels, Simon
Subject: COMMENTS

NLRS
PC-31

Jeff Scates

[redacted]

NLRS Comments

Illinois Environmental Protection Agency Bureau of Water

1021 North Grand Ave. East

P.O. Box 19276

Springfield, IL 62794-9276.

1/7/15

To whom it may concern:

I am writing in support of the proposed Illinois Nutrient Loss Reduction Strategy which encourages the voluntary adoption of appropriate best management practices for farms in Illinois.

On our farm in Southern Illinois we have adopted split spring applications and have realized great yield increases. There is no doubt in my mind that farmers will do the right thing to take care of our greatest asset, our land. We will continue to be great stewards and save as many of our nutrients (also money) that will be utilized by our growing crops.

Thank you for realizing our concerns for our environment and our livelihood.

Jeff Scates

Daniels, Simon

From:	don murphy [redacted]
Sent:	Monday, January 12, 2015 7:01 PM
To:	Daniels, Simon
Subject:	NLRS Comments

NLRS
PC-32

To Whom It May Concern:

As a farmer in Central Illinois, I want to make sure my farms' nutrients are used efficiently by our crops. It's not only good for my farms, but also for the environment. Farmers are already using a variety of best management practices (BMPs) and many, including myself, are researching new practices. BMPs include, but are not limited to, conservation tillage, cover crops, split nitrogen applications, nitrification inhibitors, and the use of university recommended nitrogen and phosphorus rates.

For example, in my farming operation, I apply 50 percent of my Nitrogen in the fall using N-Serve and the other half of my supply with no inhibitors in early summer once the crop has began to emerge. I am also interested in using cover crops to help keep my nutrients in my field and to help build organic material. Additionally, I do some tiling and will be designing the outlets to allow for a gate or bio-reactor system.

We do not need the government controlling our farming operations, but we do need leadership and guidance to help farmers like myself more effectively understand the new practices that will improve Illinois water quality as well as the quality of the water leaving the state. I am a proud member of the Illinois Corn Growers and Illinois Farm Bureau, and I support the use of voluntary, incentive-based programs focused on the implementation of best management practices to address nutrient losses from Illinois farm fields.

Sincerely,

Don Murphy
[redacted]

Daniels, Simon

From: Donald Temple [redacted]
Sent: Tuesday, January 13, 2015 11:29 AM
To: Daniels, Simon
Subject: Comments Supporting the NLRS

NLRS
PC-33

Dear Illinois EPA Comments,

I am an Illinois farmer and a member of Illinois Farm Bureau. I appreciate the Illinois Environmental Protection Agency and Illinois Department of Agriculture's lead in developing the Nutrient Loss Reduction Strategy. As a farmer, I want to make sure the nutrients I apply to my fields are efficiently used by the crops. On my farm, I use best management practices to care for the land and water to preserve both for my future generations. Current efforts by Illinois farmers have helped us learn how to implement practices to reduce nutrient losses, and we are always looking for new ways to improve the way we use nutrients on our farms. I appreciate that the Strategy continues to focus on the use of education, outreach and voluntary, incentive-based practices to address the agricultural issues. Nutrient use and its impact on water quality are complicated, and widespread adoption of necessary best management practices can result from the use of such tools. As a farmer, I take great pride in my work and in caring for the environment. I am committed to the continued use of best management practices to implement the concepts discussed in the Strategy.

Sincerely,

Donald Temple
[redacted]

Daniels, Simon

NLRS
PC-34

From: Adam Shissler [redacted]
Sent: Tuesday, January 13, 2015 12:11 PM
To: Daniels, Simon
Subject: Comments Supporting the NLRS

Dear Illinois EPA Comments,

I am an Illinois farmer and a member of Illinois Farm Bureau. I appreciate the Illinois Environmental Protection Agency and Illinois Department of Agriculture's lead in developing the Nutrient Loss Reduction Strategy. As a farmer, I want to make sure the nutrients I apply to my fields are efficiently used by the crops. On my farm, I use best management practices to care for the land and water to preserve both for my future generations. Current efforts by Illinois farmers have helped us learn how to implement practices to reduce nutrient losses, and we are always looking for new ways to improve the way we use nutrients on our farms. I appreciate that the Strategy continues to focus on the use of education, outreach and voluntary, incentive-based practices to address the agricultural issues. Nutrient use and its impact on water quality are complicated, and widespread adoption of necessary best management practices can result from the use of such tools. As a farmer, I take great pride in my work and in caring for the environment. I am committed to the continued use of best management practices to implement the concepts discussed in the Strategy.

Sincerely,

Adam Shissler
[redacted]

Daniels, Simon

From: Tammie Obermark [redacted]
Sent: Tuesday, January 13, 2015 12:50 PM
To: Daniels, Simon
Subject: Comments Supporting the NLRS

NLRS
PC-35

Dear Illinois EPA Comments,

I am an Illinois farmer and a member of Illinois Farm Bureau. I appreciate the Illinois Environmental Protection Agency and Illinois Department of Agriculture's lead in developing the Nutrient Loss Reduction Strategy. As a farmer, I want to make sure the nutrients I apply to my fields are efficiently used by the crops. On my farm, I use best management practices to care for the land and water to preserve both for my future generations. Current efforts by Illinois farmers have helped us learn how to implement practices to reduce nutrient losses, and we are always looking for new ways to improve the way we use nutrients on our farms. I appreciate that the Strategy continues to focus on the use of education, outreach and voluntary, incentive-based practices to address the agricultural issues. Nutrient use and its impact on water quality are complicated, and widespread adoption of necessary best management practices can result from the use of such tools. .As a farmer, I take great pride in my work and in caring for the environment. I am committed to the continued use of best management practices to implement the concepts discussed in the Strategy.

Sincerely,

Tammie Obermark
[redacted]

Daniels, Simon

From: Larry Dallas [redacted]
Sent: Tuesday, January 13, 2015 5:31 PM
To: Daniels, Simon
Subject: Comments Supporting the NLRS

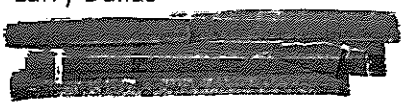
NLRS
PC - 36

Dear Illinois EPA Comments,

I am an Illinois farmer and a member of Illinois Farm Bureau. I appreciate the Illinois Environmental Protection Agency and Illinois Department of Agriculture's lead in developing the Nutrient Loss Reduction Strategy. As a farmer, I want to make sure the nutrients I apply to my fields are efficiently used by the crops. On my farm, I use best management practices to care for the land and water to preserve both for my future generations. Current efforts by Illinois farmers have helped us learn how to implement practices to reduce nutrient losses, and we are always looking for new ways to improve the way we use nutrients on our farms. I appreciate that the Strategy continues to focus on the use of education, outreach and voluntary, incentive-based practices to address the agricultural issues. Nutrient use and its impact on water quality are complicated, and widespread adoption of necessary best management practices can result from the use of such tools. As a farmer, I take great pride in my work and in caring for the environment. I am committed to the continued use of best management practices to implement the concepts discussed in the Strategy.

Sincerely,

Larry Dallas



Daniels, Simon

From: Randall DeSutter [redacted]
Sent: Tuesday, January 13, 2015 6:44 PM
To: Daniels, Simon
Subject: Illinois Nutrient Loss Reduction Strategy

NLRS
PC - 37

Randy DeSutter
[redacted]

January 13, 2015

To Simon.Daniels@ illinois.gov,

I support the proposed Illinois Nutrient Loss Reduction Strategy which encourages voluntary adoption of best management practices for farms in Illinois.

We are a 4th generation farm that has been farming in [redacted] years. New technologies have helped us make many improvements over the years. Included in those technologies are management practices that help preserve soil nutrients and protect water quality. We live here and want clean water and future generations to have soil remain in place to produce good crops.

We no-till all of our crops. Our nitrogen application is split in 3 phases and inhibitors are also used to keep nitrogen in place. We soil test every 4 years and apply fertilizer only where it is need utilizing variable rate application. We are also installing filter strips along all of the creeks on our farm to reduce nutrient runoff and improve water quality.

It is in our economic best interest to use only the fertilizer we need and keep it in place. Farming is a tough enough business without wasting money on fertilizer that is lost.

I have voluntarily committed to these conservation practices. I believe that the strategy provides an adequate set of suggestions so that all farmers in Illinois can participate and be successful on a voluntary basis.

Please keep this voluntary. Illinois is a big state and a one size fits all approach will not work as well as a voluntary approach that is carefully thought ought by the farmer who knows his land the best and cares about the future.

Sincerely,

Randy DeSutter

John V. Olson
[redacted]

RECEIVED
JAN 12 2015
BUREAU OF WATER
BUREAU CHIEF'S OFFICE

RECEIVED
JAN 12 2015
Watershed Management Section

NLRS Comments
Illinois Environmental Protection Agency Bureau of Water
1021 North Grand Ave. East
P.O. Box 19276
Springfield, IL 62794-9276.

NLRS
PC- 38

1/7/2015

To whom it may concern:

I am writing in support of the proposed Illinois Nutrient Loss Reduction Strategy which encourages the voluntary adoption of appropriate best management practices for farms in Illinois.

My family has been farming ir [redacted] In that time, we've seen many technologies come along that have helped us make continual improvements. Included in those technologies are best management practices that help preserve soil nutrients and protect water quality.

For example, we have already implemented conservation tillage, strip tillage, split application of nitrogen, side dressing of nitrogen, use of nitrification inhibitors, using university recommended rated for nitrogen and phosphorus applications and are experimenting with cover crops on our farm. We've seen the positive impact to our farm operation. I also know that these things have helped reduce nutrient runoff which helps protect water quality as well as preserve my economic investment. It makes sense for me to voluntarily implement these practices because I certainly don't want to lose the nutrients that I've already paid for.

I have committed to these conservation practices voluntarily. I will continue to do that. I believe that the Strategy provides an adequate set of suggestions that other Illinois farmers can incorporate into their farms on a voluntary basis if they haven't already done so.

I am always looking for ways to improve my farm for the benefit of my family and our longevity in the business. Protecting our farm from both an economic and environmental perspective is what will keep our family farm sustainable for the next generation.

Sincerely, John Olson

John Olson

January 3, 2015

RECEIVED
JAN 12 2015
BUREAU OF WATER
BUREAU CHIEF'S OFFICE

RECEIVED
JAN 12 2015
Watershed Management Section

NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

NLRS
PC-39

RE: Comments Supporting the NLRS

To Whom It May Concern:

I am an Illinois farmer and a member of Illinois Farm Bureau. I appreciate the Illinois Environmental Protection Agency and Illinois Department of Agriculture's lead in developing the Nutrient Loss Reduction Strategy.

As a farmer, I want to make sure the nutrients I apply to my fields are efficiently used by the crops. On my farm, I use best management practices to care for the land and water to preserve both for my future generations. Current efforts by Illinois farmers have helped us learn how to implement practices to reduce nutrient losses, and we are always looking for new ways to improve the way we use nutrients on our farms.

I appreciate that the Strategy continues to focus on the use of education, outreach and voluntary, incentive-based practices to address the agricultural issues. Nutrient use and its impact on water quality are complicated, and widespread adoption of necessary best management practices can result from the use of such tools.

As a farmer, I take great pride in my work and in caring for the environment. I am committed to the continued use of best management practices to implement the concepts discussed in the Strategy.

Sincerely,

Neil Fearn

Scott D. Durbin-President
[redacted]

RECEIVED
JAN 12 2015
BUREAU OF WATER
BUREAU CHIEF'S OFFICE

RECEIVED
JAN 12 2015
Watershed Management Section

NLRS
PC-40

NLRS Comments
IEPA Bureau of Water
P.O. Box 19276
Springfield, IL 62794-9276

Jan. 7, 2015

Dear sirs:

I am writing in support of the proposed Illinois Nutrient Loss Reduction Strategy which encourages producers such as myself to voluntarily adopt the best management practices for farms in our great state of Illinois.

Our family has lived and farmed in [redacted]. We've seen many new technology improvements that have been beneficial to us. Best management practices have helped protect water quality and keep soil runoff to a minimum.

We are using minimum tillage practices, split nitrogen applications and nitrification inhibitors, variable rate technology in fertilizer applications, as well as others. I am a firm believer that these practices helped reduce nutrient runoff and protect our water quality. We use these practices because they help in reducing input costs as well as being good for the environment.

We are committed to being good stewards of the land entrusted to us as farmers. Keeping these practices voluntary makes us feel that we have a more responsible stake in our resources.

Our farming practices will continue to be improved upon for this and future generations that want to till the soil and keep us sustainable for the long term. It's the right thing to do.

Thank you for your time and attention in listening to my comments.

Best regards,

Scott D. Durbin

Scott D. Durbin

Spencer Janssen
[redacted]

RECEIVED
JAN 12 2015
BUREAU OF WATER
BUREAU CHIEF'S OFFICE

NLRS Comments
Illinois Environmental Protection Agency Bureau of Water
1021 North Grand Ave. East
P.O. Box 19276
Springfield, IL 62794-9276.

NLRS
PC-41

RECEIVED
JAN 12 2015
Watershed Management Section

1-8-15

To whom it may concern:

I am writing in support of the proposed Illinois Nutrient Loss Reduction Strategy which encourages the voluntary adoption of appropriate best management practices for farms in Illinois.

My family has been farming in [redacted] In that time, we've seen many technologies come along that have helped us make continual improvements. Included in those technologies are best management practices that help preserve soil nutrients and protect water quality.

For example, we have already implemented no-till, conservation tillage, use of nitrification inhibitors, using university recommended rates for nitrogen and phosphorus applications, and cover crops. We've seen the positive impact to our farm operation. I also know that these things have helped reduce nutrient runoff which helps protect water quality as well as preserve my economic investment. It makes sense for me to voluntarily implement these practices because I certainly don't want to lose the nutrients that I've already paid for.

I have committed to these conservation practices voluntarily. I will continue to do that. I believe that the Strategy provides an adequate set of suggestions that other Illinois farmers can incorporate into their farms on a voluntary basis if they haven't already done so.

I am always looking for ways to improve my farm for the benefit of my family and our longevity in the business. Protecting our farm from both an economic and environmental perspective is what will keep our family farm sustainable for the next generation.

Sincerely,
Spencer Janssen

Mike Rumbold
Rumbold Valley Farms, Inc.
[redacted]

RECEIVED
JAN - 9 2015
BUREAU OF WATER
BUREAU CHIEF'S OFFICE

NLRS Comments
Illinois Environmental Protection Agency Bureau of Water
1021 North Grand Ave. East
P.O. Box 19276
Springfield, IL 62794-9276.

RECEIVED
JAN 12 2015
Watershed Management Section

January 6, 2015

NLRS
PC-42

To whom it may concern:

I am writing in support of the proposed Illinois Nutrient Loss Reduction Strategy which encourages the voluntary adoption of appropriate best management practices for farms in Illinois.

My family has been farming in [redacted] that time, we've seen many technologies come along that have helped us make continual improvements. Included in those technologies are best management practices that help preserve soil nutrients and protect water quality.

For example, we have already implemented many conservation minded practices on our farm The practices include: no-till, conservation tillage, strip tillage, split application of nitrogen, side dressing of nitrogen, use of nitrification inhibitors, using university recommended rates for nitrogen and phosphorus applications, cover crops and wetlands. We also have pattern tiled many fields and where slope would allow, we have installed drainage shut-off gates. We've seen the positive impact to our farm operation. I also know that these things have helped reduce nutrient runoff which helps protect water quality as well as preserve my economic investment. It makes sense for me to voluntarily implement these practices because I certainly don't want to lose the nutrients that I've already paid for.

I have committed to these conservation practices voluntarily. I will continue to do that. I believe that the Strategy provides an adequate set of suggestions that other Illinois farmers can incorporate into their farms on a voluntary basis if they haven't already done so.

I am always looking for ways to improve my farm for the benefit of my family and our longevity in the business. Protecting our farm from both an economic and environmental perspective is what will keep our family farm sustainable for the next generation.

Sincerely,

Mike Rumbold

Rumbold & Kuhn Inc

PEORIA IL 616

07 JAN 2015 PM 2 L

FOR

U

NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water,
1021 North Grand Ave. East
P.O. Box 19276
Springfield, IL 62794-9276.

62794-9276

Patrick Fritz

[redacted]

RECEIVED
JAN - 9 2015
BUREAU OF WATER
BUREAU CHIEF'S OFFICE

NLRS Comments

Illinois Environmental Protection Agency Bureau of Water

1021 North Grand Ave. East

P.O. Box 19276

Springfield, IL 62794-9276.

RECEIVED
JAN 12 2015
Watershed Management Section

NLRS
PC-43

January 6, 2015

To whom it may concern:

I am writing in support of the proposed Illinois Nutrient Loss Reduction Strategy which encourages the voluntary adoption of appropriate best management practices for farms in Illinois.

My family has been farming in [redacted] n that time, we've seen many technologies come along that have helped us make continual improvements. Included in those technologies are best management practices that help preserve soil nutrients and protect water quality.

For example, we have already implemented , conservation tillage, strip tillage, split application of nitrogen, side dressing of nitrogen, use of nitrification inhibitors,and are using university recommended rates for nitrogen and phosphorus applications, . We've seen the positive impact to our farm operation. I also know that these things have helped reduce nutrient runoff which helps protect water quality as well as preserve my economic investment. It makes sense for me to voluntarily implement these practices because I certainly don't want to lose the nutrients that I've already paid for.

I have committed to these conservation practices voluntarily. I will continue to do that. I believe that the Strategy provides an adequate set of suggestions that other Illinois farmers can incorporate into their farms on a voluntary basis if they haven't already done so.

I am always looking for ways to improve my farm for the benefit of my family and our longevity in the business. Protecting our farm from both an economic and environmental perspective is what will keep our family farm sustainable for the next generation.

Sincerely,

Patrick Fritz

Patrick Fritz

[redacted]

FARMS

[redacted]

JAN - 7 2015

IL. EPA Bureau of Water
1021 North Grand Avenue, East
P.O Box 19276
Springfield, IL 62794-9276

627949276

Jonathan T. Rosborough
[redacted]

RECEIVED
JAN - 9 2015
BUREAU OF WATER
BUREAU CHIEF'S OFFICE

NLRS Comments
Illinois Environmental Protection Agency Bureau of Water
1021 North Grand Ave. East
P.O. Box 19276
Springfield, IL 62794-9276.

NLRS
PC-44

RECEIVED
JAN 12 2015
Watershed Management Section

January 6, 2015

To whom it may concern:

I am writing in support of the proposed Illinois Nutrient Loss Reduction Strategy which encourages the voluntary adoption of appropriate best management practices for farms in Illinois.

My family has been farming in [redacted] in that time, we've seen many technologies come along that have helped us make continual improvements. Included in those technologies are best management practices that help preserve soil nutrients and protect water quality.

For example, we have already implemented no-till, conservation tillage, side dressing of nitrogen, and use of nitrification inhibitors. We've seen the positive impact to our farm operation. I also know that these things have helped reduce nutrient runoff which helps protect water quality as well as preserve my economic investment. It makes sense for me to voluntarily implement these practices because I certainly don't want to lose the nutrients that I've already paid for.

I have committed to these conservation practices voluntarily. I will continue to do that. I believe that the Strategy provides an adequate set of suggestions that other Illinois farmers can incorporate into their farms on a voluntary basis if they haven't already done so.

I am always looking for ways to improve my farm for the benefit of my family and our longevity in the business. Protecting our farm from both an economic and environmental perspective is what will keep our family farm sustainable for the next generation.

Sincerely,

Jonathan T. Rosborough

Jonathan T. Rosborough
[redacted]

RECEIVED
JAN - 9 2015
BUREAU OF WATER
BUREAU CHIEF'S OFFICE

NLRS Comments
Illinois Environmental Protection Agency Bureau of Water
1021 North Grand Ave. East
P.O. Box 19276
Springfield, IL 62794-9276.

NLRS
PC - 44

RECEIVED
JAN 12 2015
Watershed Management Section

January 6, 2015

To whom it may concern:

I am writing in support of the proposed Illinois Nutrient Loss Reduction Strategy which encourages the voluntary adoption of appropriate best management practices for farms in Illinois.

My family has been farming in [redacted] In that time, we've seen many technologies come along that have helped us make continual improvements. Included in those technologies are best management practices that help preserve soil nutrients and protect water quality.

For example, we have already implemented no-till, conservation tillage, side dressing of nitrogen, and use of nitrification inhibitors. We've seen the positive impact to our farm operation. I also know that these things have helped reduce nutrient runoff which helps protect water quality as well as preserve my economic investment. It makes sense for me to voluntarily implement these practices because I certainly don't want to lose the nutrients that I've already paid for.

I have committed to these conservation practices voluntarily. I will continue to do that. I believe that the Strategy provides an adequate set of suggestions that other Illinois farmers can incorporate into their farms on a voluntary basis if they haven't already done so.

I am always looking for ways to improve my farm for the benefit of my family and our longevity in the business. Protecting our farm from both an economic and environmental perspective is what will keep our family farm sustainable for the next generation.

Sincerely,

Jonathan T. Rosborough

Jonathan Rosborough
[redacted]

CHAMPAIGN IL 618
07 JAN 2015 PM 1 T

NLRS Comments
Ill. EPA Bureau Of Water
PO Box 19276
Springfield, IL 62794-9276

62794$9276

[redacted]

Daniels, Simon

From: Ed Weskerna <ed.weskerna@mchenryswcd.org>
Sent: Thursday, January 15, 2015 11:13 AM
To: Daniels, Simon
Subject: Nutrient Loss Reduction Strategy plan
Attachments: Comments concerning the draft Nutrient Loss Reduction Strategy Plan.docx

Please accept the attached file containing my comments for the NLRS plan.

NLRS
PC-45

Thank you,

Ed Weskerna, District Manager
McHenry - Lake County SWCD

Comments concerning the draft Nutrient Loss Reduction Strategy Plan

January 15, 2015

To Whom it may concern. The following are my comments concerning the draft plan for the Nutrient Loss Reduction Strategy plan that was recently released for public input. Let me begin by providing some background of myself so my comments may be more tangible. I graduated from Western Illinois University in 1978 with a B.S. degree in agronomy. Early in my career I worked for two years with two different fertilizer companies to help pay for college. I mention this because it gave me firsthand knowledge of the fertilizer industry in both the application and sales end of the business. I then took a job with the McHenry County Soil and Water Conservation District in 1984 and have been there since accumulating 30 years of service and experience working with local landowners and farmers. Without getting into a history lesson on Farm Subsidies, let's just say the ag policies of the early 1970's are hugely responsible for the (excessive nutrient) problems we face today. Secretary of Agriculture Earl Butz, told farmers to "get big or get out" and to plant "fencerow to fencerow". Over the next 30 years, farms have consolidated into larger, more capital-intensive operations and subsidy policy under Butz encouraged these large farms at the expense of small and medium-sized family farms. For the next 30 years we have been trying to undo what Earl Butz did.

So why is this little bit of history so important to know? First it encouraged farms to get larger for efficiency purposes and on the heels of that farm equipment manufacturers started increasing the size of farm implements. The larger the farm the more subsidies you received, the more subsidies you received the bigger your equipment had to be. It's all about efficiency; it's the proverbial dog chasing its tail. So why is this important to know? Because now in order to be competitive in the farming arena you have to be big. Being big is all about efficiency and not about stewardship of the land. Let's look at one of the recommendations in the draft plan. Section 6 "Practices to reduce nitrate losses from row crop areas – Fertilizer Application". It basically is asking farmers to apply N in the fall when soil temperatures fall below 50 degrees and to switch from fall to spring application and to split fertilizer application to align with plant uptake". Now consider the average farmer that farms 3000 acres. To apply N on half his acres (since the typical rotation is 50% soybeans) he will have to apply his N after harvest and after the soil temperature reaches 50 degrees and before deep frost. The window of opportunity to accomplish this is very narrow but is possible provided favorable weather; however it is a risk that many farmers avoid. Take the same scenario and ask them to apply nitrogen in the spring instead of the fall. This is practically and maybe physically impossible given the short planting window and the uncertain weather conditions in the spring. This is yet another risk they most likely will try to avoid. Lastly, ask them to side dress nitrogen during the growing season "to align with when plant uptake is greatest". Think about what it takes to side dress nitrogen on 1500 acres in just 30 or 40 days (from May 15th to June 30th) Take 10 days out of the equation for rain delay and the window narrows further. This is a risk farmers most likely will avoid. Remember farmers are farming under an efficiency plan not a stewardship plan. They are in business to make money with no intentions of dealing with risks and this section of the NLRS plan is overflowing with risk.

Cover crops is also mentioned as a means to reduce losses. I agree there is endless opportunities for cover crop practices however this probably won't take hold in the ag community due to its difficulty and expense, especially in Northern Illinois. Again, agriculture in general is an efficiency driven industry, cover crops do not add any efficiency to the business in fact quite the opposite it deters efficiency since more time and expense will be involved with planting and then more time and expense will be spent on killing the cover crop. It will be virtually impossible for farmers to plant then kill a cover crop if they

have thousands of acres of cropland to manage. Also consider the fact that there are hundreds of thousands of acres of farmland that are leased, much on short term leases. A farmer will not plant cover crops to help increase the "soil health" or to help reduce nutrient uptake or many of the other benefits that cover crops offer if he only has a land lease for one year at a time or at best 5 years at a time. Cover crop benefits are long term investments. Farmers (especially those that rent a majority of the land they farm) often look at a much shorter time frame. From a business standpoint it's a no-brainer.

Edge of field practices such as bioreactors, wetlands and buffers will most likely never be used especially when you look at the trend of what has been happening in the last 10 years. As crop prices go up, land rental rates follow. As rent rates go up more fence rows, buffers, waterways, woodlots are removed to make farming (you guessed it) more efficient. Farmers and most people by nature want to get as much for their money as possible, therefore you will not see the addition of edge of field practices but the removal of obstructions for efficiency.

To conclude, the plan as written is based on volunteer efforts. After working for the McHenry County SWCD for more than 30 years I can say with much confidence that this voluntary effort is destined to fail. It took the threat of losing federal subsidies just to get farmers to do conservation tillage. It took the threat of losing federal subsidies to get farmers to not drain wetlands. It will take much more incentive, possibly in the form of fines, tax penalties, regulations or special taxes to get the reduction of nutrients specified in the NLRS plan.

These are my observations and opinions only, not those of the SWCD. It is my hope that this plan works for the sake of future generations, but it is difficult to hold much hope based on my 30 plus years' experience in the farming industry.

Thank you for your time.

Ed Weskerna, District Manager
McHenry - Lake County Soil & Water Conservation District
1648 S. Eastwood Drive
Woodstock, IL 60098
Office:(815)338-0099 ext. 3 Cell:(815)703-7063

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Vincent Tabor <sierra@sierraclub.org>
Sent: Thursday, January 15, 2015 6:59 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-46

Jan 15, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

IEPA should also conduct studies on watersheds known to contribute large volumes of phosphorus downstream, like the Chicago and Des Plaines Rivers, to determine what levels of phosphorus these waters can tolerate. These studies should focus on the impacts of various levels of phosphorus on algae and dissolved oxygen levels, and in turn on aquatic life.

I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Vincent Tabor

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Dennis Kreiner <sierra@sierraclub.org>
Sent: Thursday, January 15, 2015 7:59 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-47

Jan 15, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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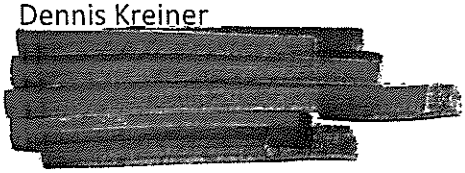
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Dennis Kreiner



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of charles zine <sierra@sierraclub.org>
Sent: Friday, January 16, 2015 8:31 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC - 48

Jan 16, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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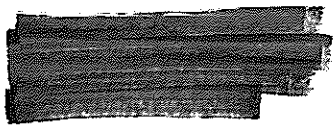
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

charles zine



Daniels, Simon

From: Jean Payne <jeanp@ifca.com>
Sent: Friday, January 16, 2015 8:49 AM
To: Daniels, Simon
Subject: IFCA Comments on the ILNRS
Attachments: IFCA Comments on the ILNRS Jan 2015.pdf; The Practice of Fall Applied Nitrogen - August 2009.pdf

NLRS
PC-49

Good morning Simon!

Attached are IFCA's comments on the Illinois Nutrient Loss Reduction Strategy. We are eager to assist IEPA and IDA in the implementation of the strategy and are dedicated to continuing to improve methods within our industry to reduce nutrient losses.

If you need anything else or have questions, please let me know. We have also attached an economic impact study for consideration.

Best regards,

Jean Payne, President
Illinois Fertilizer & Chemical Association
14171 Carole Drive
Bloomington, IL 61705
Ph (309) 827-2774; Fax (309) 827-2779
www.ifca.com

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Illinois Fertilizer & Chemical Association

14171 Carole Drive, Bloomington, IL 61705 • PH: (309) 827-2774 • Fax: (309) 827-2779 • www.ifca.com

January 16, 2015

NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Ave. East
P.O. Box 19276
Springfield, IL 62794-9276

RE: Comments of the Illinois Fertilizer & Chemical Association on the Illinois Nutrient Loss Reduction Strategy

Thank you for accepting and considering these comments from the Illinois Fertilizer & Chemical Association on the Illinois Nutrient Loss Reduction Strategy (ILNRS).

IFCA's membership consists of owners, managers and employees of retail agrichemical facilities located in Illinois, as well as representatives of the fertilizer, crop protection and agricultural application equipment distributors and manufacturers. The majority of IFCA's 1100+ members are directly responsible for serving the agronomic supply and service needs of Illinois' agricultural producers. IFCA is committed to developing and helping implement programs that upgrade and enhance the safe handling and efficient use of plant nutrients and crop protection chemicals.

The IFCA Agronomy Committee reviewed the ILNRS and the basis of our comments and recommendations are attributed to the input from this committee. The IFCA Agronomy committee consists of representatives from the ag input industry who are PhDs, Certified Professional Agronomists, Certified Crop Advisers (CCAs), Independent Crop Consultants and experienced agricultural retailers. Dr. Robert Hoeft (Professor Emeritus, University of Illinois College of ACES, Department of Crop Sciences) also serves as an advisor to the IFCA Agronomy Committee.

IFCA thanks the IEPA and the IDA for assuring broad stakeholder engagement in the development of the ILNRS. IFCA participated as a member of the policy working group and we are committed to continue to provide useful input in order to best capture and structure the goals of reducing nutrient losses from Illinois agriculture. We request that the ILNRS document be continually reviewed and re-published every other year. This will ensure the inclusion of new research findings on practices that are proven to reduce nutrient losses in both the non-point and point source sectors, to update the economic analysis of practice changes, and to capture the on-going education and program efforts by all stakeholders to reduce nutrient losses.

We feel the best avenue in which to provide input to strengthen the ILNRS is to engage with IEPA and IDA to further identify areas that may be improved upon by evaluating and incorporating existing and future fertilizer use data, information on fertilizer application practices and science based evaluations of nutrient loss mechanisms. IFCA believes that increasing nutrient efficiency and utilization on all Illinois crop acres is the most significant and economically viable opportunity to protect water quality. IFCA members are utilizing and promoting the 4R framework (right source, right rate, right time, right place) as the foundation for working with our farmer customers to reduce nutrient losses. With this in mind, our comments on various sections of the INRS are as follows.

Science Assessment Assumptions and Recommended Practices to Reduce Nutrient Losses

We certainly understand and have experience with the monumental task of evaluating and capturing credible, existing information on water quality, nutrient contributions and nutrient loss mechanisms and using what exists in terms of published, peer reviewed data to extrapolate sources of loss and recommend activities to reduce loss.

To the credit of the science assessment team, they are upfront about the need to make many assumptions on nutrient use and nutrient losses attributed to the agricultural sector. This is where the fertilizer industry is committed to assist IEPA and IDA in the future—we desire to help the ILNRS more accurately assess fertilizer application and use trends as compared to the water quality results, and to better identify the mechanisms of nutrient loss from applied fertilizer.

Other mechanisms of loss should also be discussed in this document and research encouraged in those areas. These include the impact of stream channelization, the impact of nutrient losses through tile drainage vs. losses from de-nitrification in poorly drained soils, and preferential flow of nutrients in no-till tile drained fields. There is also a need to study and recommend different nutrient loss reduction practices depending upon the likelihood of nutrient loss in a field from subsurface drainage, or surface runoff. Even neighboring fields with similar soil types can display different characteristics after a major rain event. Although tile drainage is considered a loss mechanism, improving drainage in a field can also substantially increase the opportunity for improved nutrient utilization by improving root zone conditions in the field. There is a critical need for more research in this area.

Regarding the emphasis on cover crops to reduce nutrient losses, establishing cover crops is not always practical or economically feasible in many parts of the state, including much of north central and northern Illinois. New techniques, technology, equipment design and seed innovation may influence this. We encourage a more regionally based recommendation chart that takes into account the differences between Southern, Central, Western and Northern Illinois in terms of crop production, topography, soil types and temperature as it relates to the feasibility and effectiveness of cover crops to produce measurable reductions in nutrient losses in different regions of the state. The risk vs. reward of cover crops should also be evaluated, as some scientific data suggests that cover crops carry a high risk of failure in some regions due to the inability to establish them in some climates and the difficulty of removing them in some years.

Where buffer strips are concerned, they are effective in mitigating soil erosion and thus phosphorus loss. But there is likely more to be gained by buffers to reduce nutrient losses based upon the region of the state, and on the source of phosphorus being applied. Manure application and municipal sludge are applied at rates that can exceed the recommended phosphorus rate compared to rates recommended in the Illinois Agronomy Handbook for commercial phosphorus fertilizer; buffers are good practices on many fields susceptible to erosion but more so for those fields receiving manure or sludge as they can mitigate phosphorus losses to a higher degree.

Economic Assumptions; Cost vs. Benefit and Risk

One area that concerns us in ILNRS' recommended nutrient use practice/scenarios is a deficiency in identifying and evaluating the considerable risk associated with these activities, and the economic impact on Illinois farmers and their nutrient providers.

For example, the science assessment estimates that moving all nitrogen fertilizer applications to spring will result in an increase of $18 per acre due to higher nitrogen prices, and the need for more fertilizer storage infrastructure and equipment. Other research shows this estimate to be shockingly low.

In 2009, the Fertilizer Research & Education Council (FREC) funded a study (conducted by Illinois State University) to assess the economic impact on Illinois agriculture if all fall nitrogen applications were eliminated.

The ISU study estimated the total economic impact, including the impact of delaying planting and or inability to apply fertilizer due to weather conditions, at $1,994,777,682. If acres that receive nitrogen fertilizer (corn and wheat acres) average 10 million acres each year in Illinois, then the actual economic impact is closer to $194 dollars per acre and this does not take into account the loss of the economic value of the crops, including reduced yields, reduced exports from Illinois, reduced food processing and the loss of jobs attributed to all of these activities. The overall economic impact to society goes far beyond the impact to Illinois agriculture and must be considered.

Producing nitrogen twelve months out of the year and selling it only once in the spring instead of in both the spring and fall will surely cause a 2x increase in cost overall, not to mention the increased cost to the industry to carry inventory for 10-11 months in the year to assure that fertilizer is positioned to handle the spring demand. When factored in with the generalization that spring applied nitrogen results in less losses than fall applied nitrogen (see discussion later in this document), the risk vs. benefit of moving all nitrogen to the spring is even more problematic.

Other variables not wholly considered in the ISU study are <u>all</u> costs related to infrastructure that would be necessary to supply all Illinois agriculture's nitrogen needs in the spring. In addition to extra storage and application equipment, additional costs would include production costs in the manufacturing sector, rail and barge shipping costs, additional trucking and the increased need for trained, qualified human resources in the infrastructure sector of the industry to make it happen. For example, persons who transport fertilizer are required to have a commercial driver's license, hazardous materials endorsement (for ammonia), pass random drug and alcohol tests and a DOT physical to rule out diabetes, sleep apnea and other health issues of concern to USDOT. An increase in demand for fertilizer delivery in the spring will increase the need for employees at the distributor and retail level, and our industry is already severely challenged to find qualified drivers for these duties. We are already competing with other industries for qualified drivers and the shortage of these workers is well documented and nearing a crisis level in the US. In addition, a compressed fertilizer season results in extended work hours as the fertilizer industry and farmers push to get millions of acres fertilized in 4-9 week period. Extended work hours results in fatigue which poses grave safety risks to fertilizer industry employees and farmers who must transport and apply the product, and to the public who will share the roads with substantially more trucks and application equipment all hours of the day and night. The unintended consequences of moving all fertilizer to the spring season is hard to fully fathom and difficult to fully estimate but the economic and societal consequences are significant and they are real.

We have attached the ISU study for consideration and recommend a more thorough evaluation of the risks, both economic and environmental, posed by the implementation of the ILNRS as it is written today. There are three pillars of sustainability as defined by the United Nations: (1) environmental; (2) social and (3) economic. If recommended practices do not deliver on all three "pillars" then they will not be implemented long term. We urge more careful evaluation of the economic impacts and risk vs. benefit of recommended activities in the ILNRS—this alone is a compelling reason to re-evaluate and re-publish the document on a two year cycle.

<u>Recommendation: Include Agronomic Technical Advisory Team in the Working Groups</u>

To ensure on-going evaluation and improvement of the ILNRS, and to hopefully replace assumptions with more factual information, IFCA offers the services of an Agronomic Technical Advisory Team. We ask that this team of 5-6 agronomic experts from the manufacturing, distribution and ag retail sectors be added to the proposed working groups. The Agronomic Technical Advisory Team could provide significant input to the Nutrient Science Advisory Committee, the Agricultural Water Quality Partnership Forum team and also the Nutrient Monitoring Council.

For example, the science assessment makes significant assumptions on nitrogen rates that Illinois farmers are using, the timing of fertilizer applications and the loss potential of fall applied nitrogen vs. spring applied nitrogen. These assumptions are then utilized to assume the percent of nutrient loss reductions when applying the MRTN (maximum return to nitrogen) to all acres, applying nitrogen with a nitrification inhibitor, splitting nitrogen applications, or applying all nitrogen in the spring. It should be recognized that Illinois soils naturally generate and contribute nitrogen to the soil profile from mineralization of organic matter, and mineralized nitrogen as well as applied nitrogen are both susceptible to loss to water systems through nitrification, as well as nitrogen loss to the atmosphere from denitrification. Soils contribute nitrogen regardless of the crop being planted. The ILNRS focuses on nutrient application changes as a method to reduce nutrient losses but soils contribute nutrients continually, even if they do not receive fertilizer. The need to research and account for soil supplied nutrient loss should be mentioned in the document, and research directed toward this area.

The fertilizer industry and crop advisers have always sought new application methods and use of proven nitrification and urease inhibitors to reduce nutrient losses and help assure that applied nitrogen remains in a form that is plant available at various times throughout the growing season. Research and development of both new nitrification and urease inhibitors continues and we expect that new products will be introduced to the marketplace; it is always imperative that any nitrogen enhancement product be tested by the land grant university system to assure product efficacy and consistent results to protect the investment of the farmer in such products.

We anticipate continued innovation and technology in nitrogen enhancement products as well as improvements in source, rate, timing and placement of nutrients to reduce nutrient losses; therefore the Agronomic Technical Advisory Team can coordinate with IEPA, IDA, researchers and other nutrient stakeholders to share results regarding the testing and evaluation of these products in on-farm trials. We can also provide critical input on the need for specific scientific evaluations necessary to further develop recommendations that the ILNRS may wish to consider including in the next version of the strategy document.

Phosphorus

There are assumptions in the science assessment on phosphorus losses in the agricultural sector that may not truly reflect on-going research and statistics being evaluated by the International Plant Nutrition Institute and its NuGIS program (Nutrient Use Geographic Information System). NuGIS is an on-going assessment of nutrient balance and nutrient use efficiency in crop production. (Refer to http://www.ipni.net/nugis for more information on NuGIS.) Recent evaluations reveal that many acres in Illinois are in fact in a phosphorus deficit situation compared to crop uptake and grain yields. By including an Agronomic Technical Advisory Team in the working groups, such data could be evaluated, discussed and utilized by IEPA and IDA to further refine the phosphorus loss reduction targets and better define areas of the state where losses occur, and determine feasible practices to reduce phosphorus losses in these areas.

It is interesting to note that in looking at Illinois P2O5 sales, phosphorus sales to farmers peaked in 1977 at 587,095 tons or 1,174,190,000 lbs. Phosphorus sales have been on a declining trend since then. In 2012, the most recent sales data year available from IDA, P2O5 sales were 379,026 tons or 758,052,000 lbs. This is a decrease of 416,138,000 lbs in agricultural phosphorus sales—a 35% reduction in phosphorus use and yet crop yields for both corn and soybeans have increased significantly since 1977, particularly corn. These data on fertilizer use are available from AAPFCO (Association of American Plant Food Control Officials) and are collected by Departments of Agriculture in most states, including Illinois.

Nitrogen

Regarding assumptions made on nitrogen, crop advisers and ag retailers can readily provide examples of years when spring applied nitrogen losses exceeded those from fall applied nitrogen. Temperature and rainfall are the great equalizers and the ultimate decider on nitrogen uptake. Unfortunately, in the fall it is impossible to

know if the spring will be wet and delay planting (thus increasing the potential for nutrient loss) and in the spring it is impossible to know if drought or disease will occur during the growing season and limit plant uptake of nitrogen that was applied in the spring or side-dressed after plant emergence. Regardless of the timing of nitrogen application, climate effects the situation differently, from north to south, wet to dry—our state has several climate zones. In some years there can be losses no matter what the source, rate, time and place depending upon the weather. The goal of ag retailers and crop advisers is to educate farmers on ways to mitigate losses by adopting a suite of 4R practices that provide the best opportunity for enhanced nutrient utilization.

An example of how weather impacts nutrient utilization is borne out in a comparison of the 2012 crop year vs. the 2013 and 2014 crop years. In 2012, record drought resulted in early death of the corn crop and associated reduction in uptake of nitrogen, as there was no water in the soil profile in the summer of 2012 to facilitate plant uptake of nutrients. N-WATCH™ soil nitrogen testing revealed above normal soil nitrate levels after harvest in 2012. Unfortunately the spring applied nitrogen and the soil mineralized nitrogen was not utilized because there was not enough moisture in the soil to carry the nitrogen into the plant's root system.

In 2012, a side-dress application was likely the least optimum time to apply nitrogen and was no assurance that nitrogen losses would be reduced. This illustrates the caution that must be taken in recommending any nitrogen timing activity as the solution to reducing nutrient loss. In 2013, crop yields returned to more normal levels and N-WATCH showed little remaining nitrate in the soil post-harvest. Using N-WATCH, it is possible to identify the ammonium band from fall applied ammonia in and track its conversion to nitrate in the spring. Analysis of over 300 N-WATCH sites in Illinois by Dr. Emerson Nafziger at the University of Illinois reveal that losses from nitrogen applied with a nitrification inhibitor after soil temps fell to 50 degrees were not significant in 2013 and 2014. However, heavy rains in some areas of the state in spring 2014 resulted in losses of spring applied UAN. This recent example illustrates the level of caution that must be considered when basing a loss reduction strategy on any single nutrient application activity, particularly with nitrogen and its various forms. The opportunity to learn more about nitrogen loss mechanisms from various nitrogen source, rate, time and place (4R) practices is exciting and groundbreaking work is underway here in Illinois. Continuing this work with funding from NREC and evaluation by the UI for publication and education to Illinois farmers must be a high priority in order to assure the ILNRS reflects the best available science and utilizes these findings to enhance the feasibility and adoption of practices recommended in the strategy.

We must recognize that any significant shift in application practices can result in unintended consequences both economically and environmentally. IFCA promotes the split application of nitrogen in order to help mitigate the consequences of a major weather or crop event (drought, flooding, disease or a combination of these) that could contribute to excessive nutrient loss in any given year. IFCA pledges to work with IEPA and IDA to identify the potential consequences of all recommended practices to reduce nutrient losses; we offer our expertise to help the ILNRS so that we can mitigate the negative consequences and identify positive measures that can be taken that support all three pillars of sustainability.

IFCA members represent a vast network of certified crop advisers (over 1,200 in Illinois) and experienced retailers (over 300 companies) who engage with farmers daily on nutrient recommendations, application practices and evaluation of nutrient utilization. These advisers have the unique ability to engage in one-on-one discussion with their farmer customers to help them improve nutrient utilization and these advisers also make nutrient research performed at our universities come to life in the applied sense. By providing feedback to IFCA, these advisers and retailers can assist in the tracking of nutrient trends as well as report on utilization or loss observations on millions of acres of crop production acres in Illinois. Regions of the state are different in terms of nutrient loss challenges, and the Agronomic Technical Advisory Team can also help better define key educational needs and messaging to assure that farmers understand and can be part of accomplishing reductions in nutrient losses while protecting the profitability of their farming operation.

Please take IFCA up on this offer to add an Agronomic Technical Advisory Team to the ILNRS working groups. We will identify and commit experienced, talented and credentialed representatives to assist IEPA,

IDA and our fellow nutrient stakeholders; our goal is to assure all those engaged in the ILNRS effort that agriculture is investing in the research, education, evaluation and implementation of practices to minimize environmental impact, optimize harvest yield and maximize nutrient efficiency and utilization.

Research, Education and Outreach

IFCA has long supported nutrient research to minimize nutrient losses and enhance crop production. Our organization took the lead in establishing the Fertilizer Research & Education Council (FREC) in the late 1980s. FREC received up to 12.5 cents per ton of fertilizer sold to invest in nutrient research and education programs. In 2012, with the support of all ag groups, environmental groups and our state agencies, IFCA led efforts to re-write the Illinois Fertilizer Act to replace FREC with the Nutrient Research & Education Council (NREC). NREC differs from FREC in that it is a public-private partnership with the IDA; a fertilizer assessment of between .50 cents and $3.00 per ton can be set by the Council and the money is held outside of state government to assure its dedicated use in nutrient research and education projects and programs.

NREC is unique in that it brings together environmental groups, farm commodity organizations, fertilizer industry representatives, crop advisers, agencies and scientists to work on a common goal of producing a science based food production system that assures the world of an adequate supply of high quality food while maintaining our natural resources. Such an organization, now in its third year of existence is generating new practices that allow farmers to more efficiently use the inputs they purchase to supplement nutrients from the soil, water from precipitation, and energy from the sun. All of this is being done with the wise use of $2.5 - $3 million dollars generated from an assessment on fertilizer sold in Illinois, and being spent on research projects led by some of the brightest agricultural scientists in the world located at Illinois universities. Please go to www.illinoisnrec.org to view the current list of projects, many of which are focused on finding practical and viable ways to reduce nutrient losses, and then carrying that message via outreach program to the industry to assure applied adoption of these scientific findings.

In addition to the promise of NREC, IFCA has launched a new "Keep it 4R Crop" initiative to ensure that our members understand the goals of the ILNRS and commit to help facilitate on-farm research by working directly with their farmer customers throughout the state to evaluate nitrogen rates, determine nutrient uptake and identify nutrient loss mechanisms. Dan Schaefer, IFCA's Director of Nutrient Stewardship, is leading this program. Mr. Schaefer, a Certified Professional Agronomist and CCA, helps to coordinate the protocols and analysis of the on-farm research through the University of Illinois in order to magnify the impact of the findings and integrate the lessons learned throughout the ag retail sector and with Certified Crop Advisers. Illinois has over 1,200 CCAs, more than any other state. This includes creating a statewide team of "nitrogen ninjas" to establish nitrogen rate trials with their farmer customers, use N-WATCH to track and inventory soil nitrate in their customer's fields, and promote split nitrogen applications. When post-harvest N-WATCH test show levels of soil residual N of concern, we will educate our customers on the feasibility of cover crops to sequester this nitrogen and reduce the chance of loss to water systems until the crop can be planted in the spring.

The IFCA "Keep it 4R Crop" program also embraces a new "4R Code of Practice." The IFCA Agronomy Committee developed this suite of practices based upon the 4Rs of nutrient stewardship. IFCA members are encouraged to sign on to the 4R Code of Practice and as a company, adopt and promote the principles within the document to educate their farmer customers on specific nutrient application methods that can reduce nutrient losses. This includes nitrogen management practices to reduce loss and promoting application of phosphorus when soil conditions are optimal (i.e. deterring application on frozen, snow covered soils). This is an educational program that we believe will ensure that voluntary adoption of such practices can be proven effective. The pledge to adopt the 4R Code by our retail members will also be enhanced by IFCA's efforts to track and report additional 4R trends including fertilizer sales, type and sales volume growth of equipment utilized for nutrient application, and the increased use of proven nitrification inhibitors and nutrient stabilizers.

There are many changes underway in nutrient application and utilization; in the past 3-4 years, ag retailers report many of their farmer customers are splitting their nitrogen applications, adhering to fall application guidelines (50 degree soil temperature and using nitrification inhibitors), strip tilling with phosphorus placement, using variable rate fertilizer application (VRT), and increasing the number of acres being soil tested. Farmers are evaluating their yields, often with a CCA or consulting agronomist, comparing them against their nutrient application rates and fine tuning their future applications.

With continued education and on-farm research coordinated with our universities, we are confident that nutrient utilization will continue to improve. The industry and our farmer customers are paying much more attention to environmental issues attributed to fertilizer use and implementing practices to reduce nutrient losses in order to achieve optimum yields and protect water quality. What is needed is a reasonable amount of time to instill faith and accept new practices in these new management systems. We must assure and prove to farmers that yields will be maintained or improved, and we must trust that our government will recognize and work with us when weather conditions occur that can attribute to unintended nutrient losses.

Summary

IFCA looks forward to working with IEPA, IDA and our fellow nutrient stakeholders in a concerted effort as this strategy is implemented. We encourage IEPA and IDA to accept our offer to include an Agronomic Technical Advisory Committee to the on-going ILNRS working groups. This committee can provide critical guidance and information on agricultural nutrient use to replace assumptions with facts in assessing the practices which will truly reduce nutrient losses as well as the economic impact and feasibility of various practices.

There is a significant need for continued nutrient research that can be applied in the farm field to minimize environmental impact, optimize harvest yield and maximize nutrient utilization using 4R approaches. We envision this committee and its interaction with the other working groups will result in recommendations for research projects that can fill the significant void that exists in finding economically feasible practices to reduce nutrient losses and allow Illinois agriculture to assure profitability and environmental responsibility. The Illinois ag industry is well positioned to provide funding from NREC to match other sources of funds to address these needs.

We request that IEPA and IDA establish a schedule to consistently bring together the working groups to evaluate the findings of on-going research as well as cost vs. benefit and economic analysis of recommended activities. We recommend that the ILNRS be published on a biennial basis to capture the newest research findings and technological advances, and to document the trends and changes occurring in the point and non-point sectors as well as report water quality findings. Keeping this a "living" document will also help keep all nutrient stakeholders, citizens, and our government partners focused on the importance of reducing nutrient losses to achieve the three pillars of sustainability for Illinois and our down-stream neighbors.

Thank you for allowing IFCA and its members to play a role in the development of the ILNRS. Please contact Jean Payne at (309) 827-2774 or jeanp@ifca.com if you require additional information or have questions about our recommendations or the information provided in this letter. We look forward to working with IEPA, IDA, our farmer customers and our fellow nutrient stakeholders in the goal to reduce nutrient losses.

Sincerely,

The Illinois Fertilizer & Chemical Association

Jean Payne

Jean Payne, President

Attachment (ISU FREC Study)

The Practice of Fall Applied Nitrogen: Economic Implications to Illinois Agriculture

Patrick D. O'Rourke
J. Randy Winter

Summary

Should the USEPA choose to pursue a policy to reduce or eliminate fall application of nitrogen as a result of the SAB Mississippi River/Gulf of Mexico Watershed Nutrient Task Force report, Illinois farmers will be challenged to conduct all nitrogen application and other field work in the spring of the year with resulting higher demand on farmers' time, their own equipment and the nitrogen application equipment provided by the fertilizer dealers.

This report looks at only one possible scenario which assumes (1) one alternative response regarding forms of fertilizer and additional investment in application equipment and storage facilities (2) and that Illinois farmers would pay for higher fertilizer handling and application costs and would realize revenue losses from reduced yields due to any delays in planting of corn and soybeans. Estimates from this model for that scenario show that the combined value of increased costs and the lower revenues for farmers would be between $118,517,104 and $1,456,042,104. These estimates do not take into consideration any impact lower levels of corn and soybean production would have on market prices.

It was suggested in an Iowa study (Otto, 2008) that the increased fixed costs related to fertilizer application and the lost revenue from yield losses would also result in lowering the "secondary benefits from those dollars which [would no longer be spent] in the rural economy." In that study those secondary effects amounted to approximately 37 percent of the primary increased costs and lost revenues. While the amounts $118,517,104 to $1,456,042,104 may represent the potential lost net income for the farmers if the retailers do not absorb some of the increased application costs, it is not clear that it all represents lost income for the rural community in which the fertilizer businesses and farmers live. If it did and if the multiplier for the secondary effects was the same as utilized in Otto's Iowa study (37%), then the total economic impact measured as lost spendable income plus secondary effects under the scenario in this report would be between $162,368,432 and $1,994,777,682.

This report is from a FREC Funded Research Project
at the Department of Agriculture Illinois State University.

The Practice of Fall Applied Nitrogen: Economic Implications to Illinois Agriculture

Patrick D. O'Rourke
J. Randy Winter

In a 2007 publication the USEPA Science Advisory Board (SAB) of the Gulf of Mexico Hypoxia Panel issued a report on the hypoxia zone in the Gulf of Mexico in which one of the key findings and recommendations was *"To reduce spring nitrate loss from tile drained regions, alternative and more complex cropping systems (including perennials) are thought to be the most effective method of reducing losses. However, given current constraints in cropping systems, **the SAB Panel recommends reducing or discontinuing fall N application for corn,** (emphasis added) improved N fertilizer management techniques, use of cover crops, wetlands establishment, and draining management where appropriate."* Because of the concerns identified in that report it is believed by many in the farm supply and farm production businesses that a partial or complete ban on fall application of nitrogen could be adopted as a policy solution.

Should the USEPA choose to pursue a policy to reduce or eliminate fall application of nitrogen as a result of the SAB Mississippi River/Gulf of Mexico Watershed Nutrient Task Force report, Illinois farmers will be challenged to conduct all nitrogen application and other field work in the spring of the year with resulting higher demand on farmers' time, their own equipment and the nitrogen application equipment provided by the fertilizer dealers. The impact of weather on field work delays in an all-spring fertilizer season would be intensified and could result in planting delays, limitations on the types of nitrogen fertilizers available due to strong demand on the supply chain and the inability to apply fertilizer at the optimum time in the spring due to weather or soil conditions. The rest of the supply chain including the Illinois fertilizer industry would be severely challenged at the manufacturing, distribution, storage, transportation and application points in the supply chain.

The purpose of this study was to inform decision makers in the public policy arena of the potential economic impact of a policy banning the fall applications of nitrogen fertilizer on Illinois farms. Such information may then be factored into any policies, laws or regulations that may emerge on this practice as a result of the SAB Gulf Hypoxia Action Plan 2008. The benefactors of this study will be all sectors in the fertilizer industry as well as agricultural producers and other parts of the industry dependent upon consistent, stable corn production in this state, the Midwest and beyond. This study does not address the appropriateness or the effectiveness of banning fall nitrogen applications in the Midwest with regard to reducing the hypoxia in the Gulf of Mexico. Rather, this study's purpose is to ascertain the economic impacts of such a policy if it were adopted for Illinois.

Fertilizer manufacturers, distributors and retailers currently work within a distribution system that is sized for the capacity needed to apply fertilizer materials to the soil in both the fall and the spring seasons. In Illinois the application of nitrogen, phosphorus and potash can be done in the late fall or early spring and, in some cases, post-planting. The Illinois Agronomy Handbook recognizes the practice of fall fertilization and provides guidelines for best management practices [BMPs] for this and other fertilizer application practices. The following are current examples of

some of the recommended best management practices [BMPs] coming from Fabián Fernández of the University of Illinois Department of Crop Science, from Scott Murrell of the International Plant Nutrition Institute, and from the Illinois Agronomy Handbook as posted on the IFCA Web-site.

From *Nitrogen for the 2009 Crop*. 2008. UIUC Department of Crop Science.
—Fabián Fernández

If you are preparing to apply N in the fall, heed the following guidelines:

- Wait until soil temperatures at the 4-inch depth are below 50° F, or below 60° F if you are using a nitrification inhibitor.
- Do not apply N before the 3rd week of October in central Illinois, or the 2nd week of October in northern Illinois, even if air temperatures are getting cooler.
- Do not apply N, or N with a nitrification inhibitor, if you are south of Illinois Route 16 or if soils are prone to leaching.
- Use a nitrification inhibitor with anhydrous ammonia applications.
- Do not apply urea or nitrate-containing fertilizers.
- If using animal manure, make sure it is incorporated into the soil and follow the time of application guidelines discussed for commercial N management.
- Apply the appropriate rate, taking into account leftover N when appropriate.
- Do not apply N to increase residue breakdown.
- Consider the risks and benefits of fall N application. If a fall application is appropriate, follow the recommendations presented here to help increase the efficiency of the application.

Fertilizer Nitrogen BMPs for Corn in the Northcentral Region. Better Crops/Vol. 90. 2006. Scott Murrell.

Fall applications.

Use ammoniacal or ammonium forms of N. Many consider anhydrous ammonia to be the best form to minimize loss of nitrate (NO_3^-) because it has the slowest rate of nitrification. Good chances exist that a nitrification inhibitor will provide benefits on poorly drained soils and soils with higher moisture levels near the surface when N is not applied in excess. Fall applications with a nitrification inhibitor risk not being as effective as the same rate of N applied in the spring. Use of urea is acceptable in drier climates, such as parts of western Minnesota and South Dakota, if it is incorporated soon after application on soils with lower leaching and denitrification loss potentials. A urease inhibitor may provide benefits when incorporated or 0.2 to 0.5 in. of rain does not occur within 2 to 3 days after application. Forms containing NO_3^- are not recommended.

Pre-plant or side-dress applications.

On sandy soils, anhydrous ammonia performs best and forms containing NO_3^- should be avoided because of chances of leaching losses. On medium and fine textured soils, ammoniacal and ammonium forms, such as anhydrous ammonia and urea, reduce chances of NO_3^- loss. A nitrification inhibitor will usually provide benefits with preplant and early side-dress applications on poorly drained soils when N is not applied in excess. Fair chances exist for silt loams and coarser textured soils. A urease inhibitor can provide benefits when incorporation of urea or urea ammonium nitrate (UAN) is not possible within 2 to 3 days after application.

From *BEST MANAGEMENT PRACTICES FOR FERTILIZER APPLICATION IN ILLINOIS.* 2008, IFCA.

Fertilizer Application Timing and Methods

a. No fertilizer--including organic or inorganic--shall be applied on frozen ground when slope exceeds 5%.

b. Nitrogen shall not be fall applied for corn the following year on sandy soils or on any soil south of a line extending from approximately Jerseyville, IL to West Union, Illinois.

c. Anhydrous ammonia shall not be fall applied until soil temperatures have reached and will remain below 60 degree F when a nitrification inhibitor is included. If no inhibitor is included, not before temperatures have reached and will remain below 50 degree F. Even if the above temperatures are reached earlier in the season, no fall nitrogen shall be applied before the 2nd week in October in the first 3 tiers of counties in Northern Illinois or the 3rd week in October in Central Illinois. Soil temperature measurements shall be taken at 10 am at a 4-inch depth in the field in question. Go to www.ifca.com for daily soil temperatures.

d. Ammonium sulfate shall not be applied until soil temperatures have reached and will remain below 50 degree F.

Data in Table 1 were taken from the Illinois Commercial Fertilizer Reports for fall 2003 [July through December] through spring 2007 [January through June]. The data show that the four major commercial forms of N fertilizer in Illinois are: NH_3 (anhydrous ammonia), UAN (urea ammonium nitrate liquid solution), (DAP) diammonium phosphate, and urea which represent approximately 61%, 24%, 10% and 4% of the annual nitrogen nutrient applications respectively. Monammonium phosphate (MAP) comes in fifth at close to 1% of annual nitrogen nutrient applications. Collectively, the three major single-nutrient nitrogen sources and the two nitrogen-phosphate sources represent about 99 percent of the annual farm applied nitrogen in Illinois. Also MAP and DAP represent over 93% of the annual farm applied phosphate nutrient in Illinois.

Table 1. Percent of farm applied fertilizer nutrient from fertilizer sources in Illinois -- fall 2003 through spring 2007.

Fertilizer Source Materials	Analysis	Pct of N	Pct of P	Pct of K
Triple Superphosphate	0-46-0		2.6%	
Monammonium Phosphate (MAP)	11-52-0	0.8%	12.0%	
Diammonium Phosphate (DAP)	18-46-0	10.2%	81.2%	
Liquid Ammonium Phosphate	10-34-0	0.2%	2.3%	
Muriate of Potash	0-0-60 to 62			99.3%
Anhydrous Ammonia	82-0-0	60.1%		
Urea	46-0-0	3.9%		
Ammonium nitrate and Ammonium sulfate	33/34-0-0	0.4%		
Urea -ammonium nitrate - solutions (UAN)	28 to 32-0-0	23.6%		
Nutrient Total		99.2%	98.0%	99.3%

SOURCE: Illinois Commercial Fertilizer Reports for Fall 2003 through Spring 2007.

Data in Table 2 show how much of each fertilizer nutrient is reportedly applied in the fall assuming the data from the Illinois Commercial Fertilizer Reports for Fall and Spring from Fall 2003 through Spring 2007 reflect that seasonal split. There is some anecdotal evidence that fall versus spring application may not be entirely accurately reported to the database from which the Illinois Commercial Fertilizer Reports are generated. If one accepts the data from the Illinois Commercial Fertilizer Reports for Fall 2003 to Spring 2007 as reasonable statewide estimates of fall and spring applications, NH_3, DAP and UAN account for the majority of fall applied N. Of the total N nutrient applied in the fall months in Illinois NH_3, DAP and UAN represent 70%, 15% and 11% respectively. Hence, these three fertilizers account for 96% of all fall applied nitrogen with NH_3 dominating.

The data in the Illinois Commercial Fertilizer Tonnage Reports for Fall 2003 through Spring 2007 then indicate that an annual average of 41 percent of nitrogen fertilizer nutrients was applied in the fall. The data in the Illinois Commercial Fertilizer Reports for Fall 2003 through Spring 2007 indicate that 60 percent of phosphate and 59 percent of potash were applied in the fall.

Table 2 Average amount of selected fertilizer nutrients reported in the fall 2003 through fall 2006 Illinois Commercial Fertilizer Reports.

Fertilizer Source Materials	Average Reported Fall Tons	Pct of Average Annual Tons
Monammonium Phosphate (MAP)	4,942	65%
Diammonium Phosphate (DAP)	57,398	60%
Muriate of Potash	296,507	59%
Anhydrous Ammonia	263,729	47%
Urea	8,954	25%
Urea-ammonium nitrate – solutions (UAN)	39.915	18%
Total Nutrients		**Pct of Average Annual Nutrients**
TOTAL N		41%
TOTAL P		60%
TOTAL K		59%

SOURCE: Illinois Commercial Fertilizer Reports for Fall 2003 through Spring 2007.

This FREC funded study employed telephone interviews, personal interviews, mailed surveys, published public data and research findings to identify the likely scenario(s) and economic impacts if the fall application of nitrogen fertilizers in Illinois was banned. Input from retail fertilizer and chemical dealers was considered important to the study. The initial dealer survey was mailed to the 239 Illinois Fertilizer and Chemical Association (IFCA) retail dealership members. The IFCA provided that list and assisted by providing the mailing labels to the main contact person for each dealership.

There were 93 responses from the mailed survey for a gross response rate of 39%. The primary purpose of that survey was to collect open responses to several questions regarding what the respondents thought the impacts would be from a ban of the fall application of nitrogen. The responses to those questions are reported below.

The only quantitative question asked was *"Based on your experience and judgment* ***what percent*** *of average total annual nitrogen fertilizer, for all retailers in your area combined, do you think is applied in the fall of the year in your market area? If you think of acreage covered with nitrogen applications in fall versus spring that should get pretty close to the split fall versus spring."* Responses to that question together with the respondents' self-reported county or counties they did business in were used to produce the estimates of percent of nitrogen fertilizer applied in the fall shown in Figure A1.

Based on those responses the estimated percentage of fall applied nitrogen in Illinois was 48 percent. The percentages in Figure A1 can be compared with the percentages shown in Figure A2 which were calculated from data from the Commercial Fertilizer Tonnage Reports indicating 41 percent of nitrogen fertilizer nutrients was applied in the fall. While the percentages from the two sources are not identical they do both indicate that the central four crop reporting districts have the highest percentage of nitrogen fall applied and that the southernmost two crop reporting districts have the lowest percentage of nitrogen fall applied. It should also be noted that the data from the dealer survey respondents is not clearly tonnage or acres treated. Some respondents may have been thinking tonnage and others acreage when responding to that question on the survey.

Table 3 shows a summary of the respondents' answers to open-ended questions regarding the impacts of a ban on fall application of nitrogen.

Those answers/responses suggest:

- A significant shift to two other forms of nitrogen fertilizer, Urea and UAN and a decline in NH_3. Of those responding 15 [22%] predicted no change in form of nitrogen fertilizers used and three-fourths of those respondents were from counties south of Illinois Route 16.

- An increased demand for part-time or seasonal help in the spring and a decline in employment in the fall. Of those responding 23 [27%] predicted no change in employment. Three-fourths of those were from counties south of Illinois Route 16.

- A significant increase in investment in equipment and storage with 72% and 79% of those responding to this question predicting, respectively, increased investment in application equipment and nitrogen fertilizer storage. There was some recognition of an apparent current practice in some businesses to seasonally share application equipment between more northern and more southern locations where there were differences in seasonal fertilizer application practices.

- The respondents to these-open ended questions also commented about their concerns. Most mentioned in these comments were concerns that there would not be enough labor of needed talent and preparation to safely handle the increased spring-time workload. There were some suggestions that this may add additional incentive to switch from NH_3 to other forms of nitrogen fertilizer.

Tables 4 and 5 show data obtained from an analysis of the 2005 farmer survey data by the Statistical Methods Branch, USDA - National Agricultural Statistics Service (NASS). That data suggests that 43 percent of Illinois corn acreage received nitrogen fertilizer in the fall and that represented 26 percent of nitrogen applied to Illinois corn acreage for the 2005 crop year. It also suggests that fall applied phosphate and potash were 57 percent and 55 percent, respectively, of those nutrients on 43 percent of acreage of corn for 2005. The percentage nitrogen applied in the fall is much lower based on the NASS survey than the percentage identified by this study's survey of retail dealers or the data from the Illinois Commercial Fertilizer Tonnage Reports. Table 5 contains more detail on the fall versus spring application of N, P and K varied across regions in Illinois in 2005. Figure A4 shows the regional percentages for nitrogen.

Table 3. Responses to open-ended questions in the 2008 Illinois Fertilizer Dealer Survey.

Based on your experience and judgment, please respond to the following questions. In each case, you are asked to consider the probable impact on your business if fall application of nitrogen were prohibited as a result of legislative or regulatory efforts. As appropriate and possible, we ask that you indicate directions of change and general orders of magnitude of change.

QUESTIONS:

1. *How do you think such a ban would change your nitrogen fertilizer purchases and sales (anhydrous vs. urea vs. other materials)?*
2. *How do you think such a ban would impact the total amount of nitrogen fertilizers that you would sell?*
   - 67 Respondents to this question
   - 47 [70%] Of those Responding to this question predicted increased use of UAN products
   - 46 [69%] Of those Responding to this question predicted reduced use of NH_3
   - 29 [43%] Of those Responding to this question predicted increased use of Urea
   - 15 [22%] Of those Responding to this question predicted no change in form of nitrogen fertilizers
     - Three quarters of those were from counties south of Illinois Route 16

3. *How do you think such a ban would impact your employment practices (number of employees; distribution of full-time vs. part-time employees; etc.)?*
   - 85 Respondents to this question
   - 47 [55%] Of those Responding to this question predicted increased part-time employees in the Spring
   - 23 [27%] Of those Responding to this question predicted decreased full-time employees and/or part-time Fall employees
   - 23 [27%] Of those Responding to this question predicted no change in employment
     - Three quarters of those were from counties south of Illinois Route 16

4. *How do you think such a ban would impact your custom application services?*
5. *How do you think such a ban would impact your investment in application equipment?*
   - 78 Respondents to this question
   - 56 [72%] Of those Responding to this question predicted increased investment in application equipment
   - 21 [27%] Of those Responding to this question predicted no change in investment in application equipment
     - Three quarters of those were from counties south of Illinois Route 16

6. *How do you think such a ban would impact your investment in nitrogen storage facilities (amount, type, etc.)?*
   - 73 Respondents to this question
   - 58 [79%] Of those Responding to this question predicted some increased investment in nitrogen storage at retail
   - 15 [21%] Of those Responding to this question predicted no change in investment in application equipment
     - 60 Percent of those were from counties south of Illinois Route 16

Table 4. 2005 Illinois State-level Fertilizer Rates on 12,100,000 Corn Acres and When Applied.

When Applied	Nutrient	% of Region Acres Treated	Number of Applications	Rate per Application (lbs/ac)	Rate per Crop Year (lbs/ac)	Total Applied (Mil. Lbs)	% of Total
In the Fall Before Seeding	N	43%	1.3	64	86	447.8	26%
In the Spring Before Seeding	N	67	1.2	93	115	931.0	54
At or After Seeding	N	30	1.1	90	97	349.5	20
					Total	1728.3	100
In the Fall Before Seeding	P	43%	1.0	83	86	442.9	57%
In the Spring Before Seeding	P	35	1.0	68	69	296.2	38
At or After Seeding	P	8	1.0	41	43	41.4	5
					Total	780.5	100
In the Fall Before Seeding	K	43%	1.0	121	122	634.9	55%
In the Spring Before Seeding	K	37	1.0	104	107	482.1	42
At or After Seeding	K	5	1.0	71	71	43.5	4
					Total	1160.5	100

SOURCE Lindsay C. Drunasky. 2009. Response to requested analysis of 2005 survey data. Statistical Methods Branch, USDA - National Agricultural Statistics Service.

Table 5. 2005 Illinois Fertilizer Nitrogen, Phosphate and Potash Rates on Corn by Region# and When Applied

Region	When Applied	Region Planted Acres	% of Region Acres Treated	Number of Applications	Rate per Application (lbs/ac)	Rate per Crop Year (lbs/ac)	Total Applied (Mil. Lbs)*	% of Total
	NITROGEN							
North	In the Fall Before Seeding	3,090,000	31%	1.2	77	93	89.7	21%
North	In the Spring Before Seeding	3,090,000	61	1.3	100	133	248.9	59%
North	At or After Seeding	3,090,000	38	1.1	67	74	86.3	20%
						Total	424.9	100%
Central	In the Fall Before Seeding	6,211,000	59%	1.4	63	89	327.9	35%
Central	In the Spring Before Seeding	6,211,000	64	1.2	94	109	430.2	46%
Central	At or After Seeding	6,211,000	25	1.1	98	109	170.2	18%
						Total	928.3	100%
Southern	In the Fall Before Seeding	2,799,000	26%	1.2	54	65	46.3	12%
Southern	In the Spring Before Seeding	2,799,000	80	1.3	86	109	244.1	64%
Southern	At or After Seeding	2,799,000	29	1.0	112	113	91.7	24%
						Total	382.1	100%

Table 5. (Continued) 2005 Illinois Fertilizer Nitrogen, Phosphate and Potash Rates on Corn by Region# and When Applied

Region Name	When Applied	Region Planted Acres	% of Region Acres Treated	Number of Applications	Rate per Application (lbs/ac)	Rate per Crop Year (lbs/ac)	Total Applied (Mil. Lbs)*	% of Total
	PHOSPHATE							
Northern	In the Fall Before Seeding	3,090,000	28	1.1	61	66	57.9	43%
Northern	In the Spring Before Seeding	3,090,000	33	1.0	61	61	62.8	46%
Northern	At or After Seeding	3,090,000	12	1.1	36	40	15.3	11%
						Total	136.0	100%
Central	In the Fall Before Seeding	6,211,000	58	1.0	88	91	325.6	72%
Central	In the Spring Before Seeding	6,211,000	26	1.0	67	68	110.9	24%
Central	At or After Seeding	6,211,000	7	1.0	36	36	16.2	4%
						Total	452.7	100%
Southern	In the Fall Before Seeding	2,799,000	31	1.0	89	89	76.5	38%
Southern	In the Spring Before Seeding	2,799,000	55	1.0	74	76	116.7	58%
Southern	At or After Seeding	2,799,000	4	1.0	75	75	8.9	4%
						Total	202.1	100%
	POTASH							
Northern	In the Fall Before Seeding	3,090,000	38	1.0	110	116	134.9	55%
Northern	In the Spring Before Seeding	3,090,000	34	1.0	92	92	96.0	39%
Northern	At or After Seeding	3,090,000	6	1.0	81	81	15.8	6%
						Total	246.7	100%
Central	In the Fall Before Seeding	6,211,000	55	1.0	123	123	421.3	66%
Central	In the Spring Before Seeding	6,211,000	28	1.1	106	115	203.2	32%
Central	At or After Seeding	6,211,000	5	1.0	47	47	13.3	2%
						Total	637.8	100%
Southern	In the Fall Before Seeding	2,799,000	26	1.0	131	131	94.3	33%
Southern	In the Spring Before Seeding	2,799,000	57	1.0	111	111	177.1	62%
Southern	At or After Seeding	2,799,000	5	1.0	98	98	12.9	5%
						Total	284.3	100%

SOURCE Lindsay C. Drunasky. 2009. Response to requested analysis of 2005 survey data. Statistical Methods Branch, USDA - National Agricultural Statistics Service.

*Weighting and summarizing at the region level resulted in total applied amounts that do not add to the published state total.

Northern is Reporting Districts 1 and 2, Central is Districts 3, 4, 5 and 6, and Southern is Districts 7, 8 and 9.

A ban on the fall application of nitrogen would presumably also include a ban on the fall application of MAP and DAP since they contain nitrogen at the rates of 11 and 18 percent respectively. Eliminating the fall applications of dry phosphate materials, DAP (18-46-0) and MAP (11-52-0), would also directly impact phosphorous applications that would have been applied in the fall in those materials. The potash that is typically applied in the same application trip in the fall with the phosphate would also be impacted.

In an Iowa study[1], Otto assumed that this would also cause the fall application of potash in Iowa to shift to the spring since it was typically applied in one pass with the phosphate in the fall. If that same assumption was employed here, using the fall-spring distribution from the Illinois Commercial Fertilizer Tonnage Reports, the tons of materials to be shifted from fall application would be 363,802 tons of MAP and DAP, 489,120 tons of potash along with 321,521 tons of anhydrous ammonia. The author assumed, for the scenario in this study, that the urea and UAN reported in the Illinois Commercial Fertilizer Tonnage Reports fall half of the year were actually applied in the spring half of the year and therefore were not included in the shift of tonnage to spring application. This assumption means that 36 percent rather than 41 percent of nitrogen fertilizer nutrients, as reported in the Illinois Commercial Fertilizer Tonnage Reports for Fall 2003 through Spring 2007, was applied in the fall.

Table 6. Average percent of fertilizer nutrient fall applied 2003 through 2007 by fertilizer source and tons of actual product for Illinois.

Fertilizer Source Materials	Analysis	Pct of Nutrient Fall Applied	Tons of Actual Product Fall Applied
Monammonium Phosphate (MAP)	11-52-0	65	**44,922**
Diammonium Phosphate (DAP)	18-46-0	60	**318,880**
Muriate of Potash	0-0-60 to 62	59	**489,120**
Anhydrous Ammonia	82-0-0	47	**321,521**
Urea	46-0-0	25	**19,468**
Urea-ammonium nitrate - solutions (UAN)	28 to 32-0-0	18	**134,796**

SOURCE: Illinois Commercial Fertilizer Reports for Fall 2003 through Spring 2007.

The scenario analyzed for this paper has a basic set of assumptions/conditions:

1. The phosphate and potash applications, as well as the nitrogen applications, move to the spring. Sufficient new equipment is added to apply the fertilizer materials shifted to spring in approximately 14 calendar days.
2. The dry and liquid fertilizer materials are applied using dual-purpose applicator trucks and tender trucks.
3. The nitrogen application moved to the spring is all applied pre-plant.
4. The NH_3 is applied using appropriate equipment – nurse tanks, applicator tool bars, pickup trucks and tractors.

[1] Otto, Daniel. 2008. Economic Impacts of Fall Commercial Nutrient Regulation. Posted at www.econ.iastate.edu/research/webpapers/paper_12932.pdf.

5. The fertilizer materials shifted to spring application are stored at or near retail sites in new storage facilities. This assumption eliminates the need for manufacturers to increase fertilizer production capacity and for the distributors or manufacturers to increase their regional storage or in-bound transportation fleet and infrastructure.
6. Assumed increase in spring applied acreage for this scenario is 5,203,000 acres for nitrogen application and 5,203,000 acres for phosphate and potash application. This is just one possibility for estimating the acreage and it uses the NASS survey which indicated 43 percent of the acreage for the 2005 corn crop had fall applied fertilizers. (See highlighted cells in Table 4)
7. The variable expenses for equipment are assumed to be the same for the spring application as they would have been for the fall application. Therefore the increased costs here reflect only the increase in fixed costs for the additional equipment.
8. The labor is assumed to be a variable cost, that is, seasonal labor. This is purely a simplifying assumption. It is clear from contacts with many in the industry that finding appropriate personnel for these jobs is expected to be difficult and could contribute to the potential for delayed planting.

In the previously mentioned Iowa study an increase in inbound tendering was assumed. If the additional local storage is built [to adequate size] then there would be no increase in the size of the inbound fleet. Current NH_3 storage in Illinois includes Retail - 57,033 tons and Distribution - 508,385 tons when filled to 85% physical capacity. [See map in Figure A5.] To handle an additional 321,521 tons of NH_3 in the spring without an increase in the size of the in-bound transport fleet would require increasing **near-retail** storage by that amount of physical storage space. Data was requested from Illinois dealers on investment and operating costs for fertilizer storage. Those estimated investments (see Table 7) were $250,786,380 for the 321, 521 additional tons of NH_3 storage and $153,525,960 for the additional 852,922 tons of dry fertilizers storage. Additional annual fixed costs would be $34,097,302 for NH_3 storage and $19,241,920 for dry storage. [See Table 8 and Table A3 in appendix for more detail.]

Table 7. New Investment in storage for additional tons of Fertilizer Material in spring with one inventory turn per season.

	Tons	Inv Turns	New Tons of Storage	Investment/ Ton	**Total New Investment**
NH_3	321,521	1	321,521	$ 780	$ 250,786,380
Dry	852,922	1	852,922	$ 180	$ 153,525,960

SOURCE: Illinois fertilizer dealers. 2009. Calculated from data received in response to request for investment and operating data for fertilizer storage.

Table 8. Additional dry and anhydrous storage annual fixed costs.

	New Tons of Storage	Annual Investment Related Cost per Ton	Additional Fixed Cost per Ton	**Total New Fixed Costs**
NH_3	321,521	$ 90.75	$ 15.30	$ 34,097,302
Dry	852,922	$ 21.06	$ 1.50	$ 19,241,920

SOURCE: Illinois fertilizer dealers. 2009. Calculated from data received in response to request for investment and operating data for fertilizer storage.

The requirements for new equipment were designed to apply the additional fertilizer materials in the spring in 14 field workdays. Table 9 provides data concerning the probability that days in each time period throughout the spring will be suitable for a field workday for northern, central and southern Illinois. It was assumed that taking 14 spring days to apply the fertilizer materials moved from the fall might result in delays in planting of anywhere from 0 days to 14 days, statewide, for both corn and beans..

Table 9. Percent Chance of Each Day Being a Workday[1].

						Exp Number of Work Days		
Days	Begin	End	Northern Illinois	Central Illinois	Southern Illinois	Northern Illinois	Central Illinois	Southern Illinois
16	15-Mar	31-Mar	12%	14%	7%	2	2	1
7	1-Apr	8-Apr	12%	14%	7%	1	1	0
7	9-Apr	16-Apr	12%	14%	7%	1	1	0
7	17-Apr	24-Apr	36%	26%	17%	3	2	1
5	25-Apr	30-Apr	44%	36%	30%	2	2	2
7	1-May	8-May	44%	36%	30%	3	3	2
7	9-May	16-May	39%	28%	30%	3	2	2
						14	12	9
7	17-May	24-May	39%	28%	30%	3	2	2
6	25-May	31-May	59%	46%	43%	4	3	3

Source: Seimens, John, S10 Machinery Evaluation Program. Provided by Gary Schnitkey, UIUC. [1] Workday occurs when you can complete tillage operations. A 51% means that 51 percent of the time a day is a work day.

An example of the data for the investment in additional application equipment to handle the additional tons of fertilizer material in the spring is shown in Tables A1 and A2 in the appendix. Table A2 contains the more detailed model used to estimate investment and operating costs for application equipment. Table 10 shows the number of additional pieces of equipment required with a total investment of $311,773,743. Table 11 shows the estimated increase in annual fixed costs for that fleet to be $65,183,214.

Table 10. New Investment in additional equipment to handle additional tons of fertilizer material in spring.

	Number	Price	Pct Assigned	Total New Investment
Tractor	1,358	$ 151,000	20%	$ 41,022,656
Pickup	1,358	$ 36,400	50%	$ 24,722,263
NH_3 Applicator	1,345	$ 51,400	100%	$ 69,110,464
NH_3 Nurse	1,345	$ 8,440	100%	$ 11,348,100
Floater	484	$ 282,200	100%	$ 136,539,823
Tender	484	$ 60,000	100%	$ 29,030,437
TOTAL				**$ 311,773,743**

SOURCE: O'Rourke, Patrick D. Fertilizer Application Cost Estimator. 2009. Calculated from investment and operating data for fertilizer application equipment.

Table 11. Increased annual fixed costs of additional application equipment.

Equipment	Increased Annual Fixed Costs
Tractor	$ 8,228,392
Pickup	$ 7,512,817
NH_3 Applicator	$ 14,293,850
NH_3 Nurse	$ 1,662,292
Floater	$ 27,283,318
Tender	$ 6,202,545
TOTAL	**$ 65,183,214**

SOURCE: O'Rourke, Patrick D. Fertilizer Application Cost Estimator. 2009. Calculated from investment and operating data for fertilizer application equipment.

The increased investment in equipment and storage would most likely be welcomed by the communities where the investment occurred. One usually considers increased investment by local businesses to be good for the local economy. Someone has to make the investment and someone has to pay for the investment and the annual costs of the new assets. Farmers will probably pay for the increased annual costs for storage and for equipment. This would lower their spendable income. If they paid 100 percent of the increased annual fixed costs for storage and equipment it would lower their incomes by a total of $118,517,104 annually.

The second, and potentially more important, impact on farmers will be yield penalties for delays in planting corn and soybeans in the scenario in this report. In *Dealing with delayed start to corn planting* Emerson Nafziger notes in discussing the impact of delayed planting on yield of corn in Illinois that "This is about 1/2 bushel per day of delay for the first 10 days of May, 1 bushel per day during the second third of May, and 1-1/2 bushels per day for the last third."

Data in Table 12 show estimates of corn yield losses for Illinois used in this study. They are conservative and are similar to the assumed yield penalties employed in the Iowa study. The Iowa study assumed a 0.46 yield penalty for delayed soybean planting which would probably follow the delayed corn planting. Table 12 also shows the estimated value of lost revenue for Illinois farmers if, as in this scenario, they experience from zero to 14 days delay in planting, with 1.0 and 0.5 bushel per delayed-day yield loss on corn and soybeans, and with the farm level prices for corn and soybeans at $4.00 and $10.00 respectively.

Each day of delay in planting could cause $ 95,537,500 in farm revenue loses for a total revenue loss of $1,337,525,000 if delays were 14 days.

Table 12. Revenue penalties for delayed planting April 25 - May 30 for corn and soybeans in Illinois.

	Bushel	Price	Acres	Loss
Corn loss per day	1.00	$ 4.00	12,087,500	$ 48,350,000
Soybean loss per day	0.50	$ 10.00	9,437,500	$ 47,187,500
One Day Delay in both corn and soybean planting				$ 95,537,500

Average Days Planting Delayed	Value of Yield Loss for Illinois Farmers
0	$ 0.00
1	$ 95,537,500
2	$191,075,000
3	$286,612,500
4	$382,150,000
5	$477,687,500
6	$573,225,000
7	$668,762,500
8	$764,300,000
9	$859,837,500
10	$955,375,000
11	$1,050,912,500
12	$1,146,450,000
13	$1,241,987,500
14	$1,337,525,000

Summary

Should the USEPA choose to pursue a policy to reduce or eliminate fall application of nitrogen as a result of the SAB Mississippi River/Gulf of Mexico Watershed Nutrient Task Force report, Illinois farmers will be challenged to conduct all nitrogen application and other field work in the spring of the year with resulting higher demand on farmers' time, their own equipment and the nitrogen application equipment provided by the fertilizer dealers.

This report looks at only one possible scenario which assumes (1) one alternative response regarding forms of fertilizer and additional investment in application equipment and storage facilities (2) and that Illinois farmers would pay for higher fertilizer handling and application costs and would realize revenue losses from reduced yields due to any delays in planting of corn and soybeans. Estimates from this model for that scenario show that the combined value of increased costs and the lower revenues for farmers would be between $118,517,104 and $1,456,042,104. These estimates do not take into consideration any impact lower levels of corn and soybean production would have on market prices.

It was suggested in an Iowa study (Otto, 2008) that the increased fixed costs related to fertilizer application and the lost revenue from yield losses would also result in lowering the "secondary

benefits from those dollars which [would no longer be spent] in the rural economy." In that study those secondary effects amounted to approximately 37 percent of the primary increased costs and lost revenues. While the amounts $118,517,104 to $1,456,042,104 may represent the potential lost net income for the farmers if the retailers do not absorb some of the increased application costs, it is not clear that it all represents lost income for the rural community in which the fertilizer businesses and farmers live. If it did and if the multiplier for the secondary effects was the same as assumed in Otto's Iowa study (37%), then the total economic impact measured as lost spendable income plus secondary effects under the scenario in this report would be between $162,368,432 and $1,994,777,682.

Table 13. Estimated increased costs of fertilizer application and lost revenue due to delayed planting dates in Illinois.

Increased Annual Costs of fertilizer storage and fertilizer application	$ 118,517,104
Potential, worst case, farmer revenue lost due to delayed planting dates	$ 1,337,525,000
TOTAL Increased Costs Plus Greatest Reduced Revenues	$ 1,456,042,104
TOTAL (ASSUMED Multiplier of 37%)	$ 1,994,777,682

Average Days Planting Delayed	Farmer revenue lost due to delayed planting dates	Increased Annual Costs - Storage and Equipment	TOTAL	TOTAL (ASSUMED Multiplier of 37%)
0	$-	$ 118,517,104	$118,517,104	$162,368,432
1	$95,537,500	$ 118,517,104	$214,054,604	$293,254,807
2	$191,075,000	$ 118,517,104	$309,592,104	$424,141,182
3	$286,612,500	$ 118,517,104	$405,129,604	$555,027,557
4	$382,150,000	$ 118,517,104	$500,667,104	$685,913,932
5	$477,687,500	$ 118,517,104	$596,204,604	$816,800,307
6	$573,225,000	$ 118,517,104	$691,742,104	$947,686,682
7	$668,762,500	$ 118,517,104	$787,279,604	$1,078,573,057
8	$764,300,000	$ 118,517,104	$882,817,104	$1,209,459,432
9	$859,837,500	$ 118,517,104	$978,354,604	$1,340,345,807
10	$955,375,000	$ 118,517,104	$1,073,892,104	$1,471,232,182
11	$1,050,912,500	$ 118,517,104	$1,169,429,604	$1,602,118,557
12	$1,146,450,000	$ 118,517,104	$1,264,967,104	$1,733,004,932
13	$1,241,987,500	$ 118,517,104	$1,360,504,604	$1,863,891,307
14	$1,337,525,000	$ 118,517,104	$1,456,042,104	$1,994,777,682

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APPENDICES

Spreadsheet Models, Maps and Data

This report is from a FREC Funded Research Project
at the Department of Agriculture Illinois State University.

Table A1. Information for individual pieces of application equipment.

Hours Available/day	12	12	12	12	12	12
Days Available Spring season	14	14	14	14	14	14
	Tractor	Pickup	NH_3 Applicator	NH_3 Nurse	Floater	Tender
Seasonal capacity (acres)	3,830	3,830	3,870	3,870	11,020	11,020
Fixed equip cost / ton applied	$17.77	$16.22	$30.87	$3.59	$29.71	$6.75
Variable cost/ton applied	$13.85	$15.14	$0.78	$1.20	$3.86	$2.39
Average cost/ton applied	$31.62	$31.36	$31.65	$4.79	$33.57	$9.15
AVERAGE Cost / acre applied	$2.81	$2.79	$2.82	$0.43	$5.92	$1.61
Additional Acreage to Apply	5,203,000	5,203,000	5,203,000	5,203,000	5,203,000	5,203,000
Additional Pieces of Equipment Required	**1,358**	**1,358**	**1,345**	**1,345**	**472**	**472**
Annual investment related cost per piece	$4,048	$4,129	$8,507	$874	$53,884	$10,797
Tax, insurance, license	$500	$856	$68	$109	$1,080	$1,740
Fixed maintenance cost	$1,510	$546	$2,056	$253	$2,822	$600
Fixed Labor Cost	0	0	0	0	0	0
Total Fixed equip cost	**$ 6,058**	**$ 5,531**	**$ 10,631**	**$ 1,236**	**$ 57,786**	**$ 13,137**
Variable maintenance	$269	$223	$269	$223	$269	$223
Variable Labor cost	$3,276	$3,276	$0	$0	$5,480	$3,286
Fuel, oil, M&R, tire cost	$1,177	$1,662	$0	$190	$1,756	$1,143
(Total Annual Fixed equip cost) * New Equipment Required	$8,228,392	$7,512,817	$14,293,850	$1,662,292	$27,283,318	$6,202,545
					Total with same days available === $	65,183,214

SOURCE: O'Rourke, P. D. 2009. Cost of Fertilizer Application Spreadsheets -- working models. Illinois State University.

Table A2. Investment and expense models for individual pieces of application equipment. Source: O'Rourke, P. D. 2009. Cost of Fertilizer Application Spreadsheets -- working models. Illinois State University

Fertilizer Application Cost Estimator©, Beta V1.3

Data Entry in RED	Tractor	Pickup Truck	NH_3 Applicator	Nurse Tank	Floater	Tender
Average Round Trip Miles	20.57	20.57	20.57	20.57	20.57	20.57
Application Rate (Lbs/acre)	178	178	178	178	353	353
Application Rate (ton/acre)	0.089	0.089	0.089	0.089	0.177	0.177
Investment						
Purchase Price	$151,000	$36,400	$51,400	$8,440	$ 282,200	$ 60,000
Percent to this Activity	20%	50%	100%	100%	100%	100%
**Applicable Purchase Price	$30,200	$18,200	$51,400	$8,440	$282,200.00	$60,000.00
Cost of capital	9%	9%	9%	9%	9%	9%
Expected Life	10.0	5.4	8.0	21.0	6.8	7.4
Expected Salvage Value	$ 50,000	$ 3,600	$ 8,600	$ 1,940	$ 30,000	$ 6,500
**Applicable Salvage value	$10,000	$1,800	$8,600	$1,940	$30,000	$6,500
Operations						
Tons/load	1.00	1.00	1.00	1.00	7.00	14.00
Road Speed (miles/hour)	20.00	51.00	25.80	30.00	35.00	49.00
Field Speed (miles/hour)	8.0	N/A	8.0	8.0	13.40	N/A
Rate (ton/acre)	0.089	0.089	0.089	0.089	0.177	0.177
Application Width (foot)	38.0	38.0	38.0	38.0	76.00	N/A
Fill/Connect time (min/load)	5.00	15.00	5.00	10.00	12.00	10.00
Estimate: Setup, Meal, Break, Etc time (min/load)	5.00	5.00	5.00	5.00	5.00	5.00
Hours Available/day	12.0	12.0	12.0	12.0	12.0	12.0
Days Available/season	14	14	14	14	14	14
Annual Property tax	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Annual License fees	$0.00	$256.00	$0.00	$51.00	$50.00	$1,240.00
Annual Insurance premiums	$500.00	$600.00	$68.00	$58.00	$1,030.00	$500.00

**Applicable purchase price and salvage value based on percent of equipment assigned to application work.

Table A2. (continued) Investment and expense models for individual pieces of application equipment. Source: O'Rourke, P. D. 2009. Cost of Fertilizer Application Spreadsheets -- working models. Illinois State University

Data Entry in RED	Tractor	Pickup Truck	NH_3 Applicator	Nurse Tank	Floater	Tender
FUEL, OIL, TIRES						
Hours Work Between Oil Change	150	150	0	0	150	150
Oil consumption (quarts per 100 hours)	4.0	1.0	0.0	0.0	4.0	3.0
Quarts of Oil Per Change	18.0	5.0	0.0	0.0	18.0	8.0
Price/Quart oil	$1.50	$2.00	$0.00	$0.00	$1.50	$1.50
Price/filter	$30.00	$5.00	$0.00	$0.00	$30.00	$10.00
Price/gallon Fuel	$2.50	$2.50	$0.00	$0.00	$2.50	$2.50
Consumption (miles/gallon)	6.0	12.6	0.0	0.0	7.8	8.4
Cost of set of tires ($)	$8,000.00	$480.00	$0.00	$480.00	$18,000.00	$2,500.00
Life of tires in MILES	20000	36750	0	20000	20000	27500
Estimated Variable M&R/hour of use	$1.60	$1.33	$1.60	$1.33	$1.60	$1.33
Estimated Annual Fixed M&R (% of Purchase. Price)	1.0%	1.5%	4.0%	3.0%	1.0%	1.0%
DRIVER						
Driver wage ($ per Hour)	$15.00	$15.00	$0.00	$0.00	$15.00	$10.00
OR Monthly Driver Salary	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Benefits as a Percentage of Salary & Wages	30%	30%	0%	0%	30%	30%
% Assigned to Application Work	100%	100%	0%	0%	100%	100%
Bonus: On a Per Acre Basis	$0.00	$0.00	$0.00	$0.00	$0.20	$0.10
Annual Training Expense	$500.00	$500.00	$0.00	$0.00	$1,500.00	$500.00

Table A2. (continued) Investment and expense models for individual pieces of application equipment. Source: O'Rourke, P. D. 2009. Cost of Fertilizer Application Spreadsheets -- working models. Illinois State University

Data Entry in RED	Tractor	Pickup Truck	NH_3 Applicator	Nurse Tank	Floater	Tender
Investment						
Average ONE WAY distance per ton (miles)	10.29	10.29	10.29	10.29	10.29	10.29
Average Road Time: min -- (one trip/day for applicator)	30.9	12.1	23.9	20.6	17.6	12.6
In-Field/Spreading time (min/load)	18.3	10.0	18.3	18.3	19.3	43.3
Fixed time (min/load)	10.0	20.0	10.0	15.0	17.0	15.0
Total time (min/load)	28.3	24.0	28.3	24.0	36.3	70.9
Maximum Tons/Load	1.0	1.0	1.0	1.0	7.00	14.0
Transfer time in Field (min) /load	5.0	15.0	5.0	10.0	12.00	12.0
Min Time Between Loads	28.3	30.0	28.3	33.3	36.3	58.3
Capacity (Loads/day)	**24.4**	**24.4**	**24.6**	**24.6**	**20**	**10**
Capacity (tons/day)	**24.4**	**24.4**	**24.6**	**24.6**	**138.9**	**138.9**
ACTUAL (acres/hour)	**22.8**	**22.8**	**23.0**	**23.0**	**65.6**	**65.6**
Days Available in Season	**14**	**14**	**14**	**14**	**14**	**14**
Available Hours	**168**	**168**	**168**	**168**	**168**	**168**
MAX Tons Delivered & Applied	**341**	**341**	**344**	**344**	**1945**	**1945**

Table A2. (continued) Investment and expense models for individual pieces of application equipment. Source: O'Rourke, P. D. 2009. Cost of Fertilizer Application Spreadsheets -- working models. Illinois State University

Data Entry in RED	Tractor	Pickup Truck	NH_3 Applicator	Nurse Tank	Floater	Tender
Annual tax license insurance	$500.00	$856.00	$68.00	$109.00	$1,080.00	$1,740.00
Hours Work Between Oil Change	150	150	0	0	150	150
Oil consumption (quarts per 100 hours)	4.0	1.0	0.0	0.0	4.0	3.0
Quarts of Oil Per Change	18.0	5.0	0.0	0.0	18.0	8.0
Price/Quart oil	$1.50	$1.50	$0.00	$0.00	$1.50	$1.50
Price/gallon Fuel	$2.50	$2.50	$0.00	$0.00	$2.50	$2.50
Total Miles Traveled	1,120	7,013	1,128	7,925	1,484	2,858
Annual consumption (gallon)	187	557	0	0	190	340
Annual cost fuel	$466	$1,391	$0	$0	$476	$851
Cost fuel/hr	$2.78	$8.28	$0.00	$0.00	$2.83	$5.06
Annual cost oil	$320	$179	$0	$0	$74	$32
Cost oil/hr	$1.91	$1.07	$0.00	$0.00	$0.44	$0.19
Cost of tire per MILE	$0.40	$0.01	$0.00	$0.02	$0.90	$0.09
Cost of tire/hr	$2.32	$0.55	$0.00	$1.13	$7.18	$1.55
TOTAL cost	$1,177	$1,662	$0	$190	$1,756	$1,142
TOTAL cost/hour	$7.01	$9.89	$0.00	$1.13	$10.45	$6.80
Estimated Fixed M&R/year	$1,510	$546	$2,056	$253	$2,822	$600
Estimated Variable M&R/year	$269	$223	$269	$223	$269	$223
Total maintenance/year	$1,779	$769	$2,325	$477	$3,091	$823
Maint+repair/hour	$10.59	$4.58	$13.84	$2.84	$18.40	$4.90
The DRIVER						
Wages (monthly)	$2,520	$2,520	$0	$0	$2,520	$1,680
TOTAL Bonus	**$0**	$0	**$0**	$0	**$2,204**	$1,102
Benefits (monthly)	$756	$756	$0	$0	$756	$504
Total salary (monthly)	$3,276	$3,276	$0	$0	$5,480	$3,286

Table A2. (continued) Investment and expense models for individual pieces of application equipment. Source: O'Rourke, P. D. 2009. Cost of Fertilizer Application Spreadsheets -- working models. Illinois State University

Data Entry in RED	Tractor	Pickup Truck	NH_3 Applicator	Nurse Tank	Floater	Tender
OUTPUT SECTION						
Market Demand (Tons)	4,900	4,900	4,900	4,900	4,900	4,900
Total Tonnage Applied/Vehicle	341	341	344	344	1,945	1,945
AVG Fixed equip cost / ton applied	$17.77	$16.22	$30.87	$3.59	$29.71	$6.75
AVG Variable cost/ton applied	$13.85	$15.14	$0.78	$1.20	$3.86	$2.39
Average cost/ton applied	$31.62	$31.36	$31.65	$4.79	$33.57	$9.15
AVERAGE Cost / acre	$2.81	$2.79	$2.82	$0.43	$5.92	$1.61
Total fixed + variable cost	$10,779	$10,692	$10,900	$1,650	$65,291	$17,789
Total fixed equip cost	$6,058	$5,531	$10,631	$1,236	$57,786	$13,137
Total variable cost	$4,722	$5,161	$269	$414	$7,505	$4,652
MAX annual capacity (ton)	341	341	344	344	1,945	1,945
MAX annual capacity (acres)	3,830	3,830	3,870	3,870	11,020	11,020
MAX Num Pieces Required	1,358	1,358	1,345	1,345	472	472

Table A2. (continued) Investment and expense models for individual pieces of application equipment. Source: O'Rourke, P. D. 2009. Cost of Fertilizer Application Spreadsheets -- working models. Illinois State University

Data Entry in RED	Tractor	Pickup Truck	NH_3 Applicator	Nurse Tank	Floater	Tender
Annual investment cost for equip	$4,048	$4,129	$8,507	$874	$53,884	$10,797
Tax, insurance, license	$500	$856	$68	$109	$1,080	$1,740
Fixed maintenance cost	$1,510	$546	$2,056	$253	$2,822	$600
Fixed Labor Cost	0	0	0	0	0	0
Total Fixed Equip Costs	$6,058	$5,531	$10,631	$1,236	$57,786	$13,137
Variable maintenance	$269	$223	$269	$223	$269	$223
Variable Labor cost	$3,276	$3,276	$0	$0	$5,480	$3,286
Fuel oil maint. tire cost	$1,177	$1,662	$0	$190	$1,756	$1,143
Average One Way Miles	**SALES IN TONS**	**SALES IN TONS**	**SALES IN TONS**	**SALES IN TONS**	**SALES IN TONS**	**SALES IN TONS**
2	100	100	100	100	100	100
4	300	300	300	300	300	300
6	500	500	500	500	500	500
8	700	700	700	700	700	700
10	900	900	900	900	900	900
12	1100	1100	1100	1100	1100	1100
14	1300	1300	1300	1300	1300	1300
16	0	0	0	0	0	0
	4,900	4,900	4,900	4,900	4,900	4,900

Table A3. Investment and expense data for fertilizer storage. Industry sources.

Fertilizer Storage Cost Estimator ©, Beta V1.3				
Description	Units	Liquid Storage Tank	Anhydrous Ammonia Storage Tank	Dry Fertilizer Storage
Price - New	$	$ 511,000	$ 163,333	$ 583,333
Physical Capacity	Tons	3,425	180	3,333
Assumed Turns per Season	Tons	1`	1	1
Useful Life	Yrs	13	22	22
Annual Insurance	$/Year	$ 3,575	$ 1,375	$ 1,875
Annual Utilities	$/Year	$ 1,200	$ 6,000	$ 2,000
Annual Fixed Maintenance & Repair	$/Year	$ 2,513	$ 1,050	$ 1,875
Avg Invest/Physical Ton Cap		$ 130	$ 778	$ 178
Other Fix Costs /physical ton		$ 1.24	$ 15.31	$ 1.54
Invest/physical ton		$ 130	$ 780	$ 180
		Liquid	NH3	Dry
Purchase price Per Ton		$ 130	$ 780.00	$ 180.00
Cost of capital		10%	10%	10%
Expected Life		20	20	20
Expected Salvage value/Ton		$ 7.00	$ 50.00	$ 5.00
Investment Related Costs/Ton		$ 15.15	$ 90.75	$ 21.06

Figure A1. Percent total nitrogen applied in fall based on 2008 fertilizer dealer survey responses.

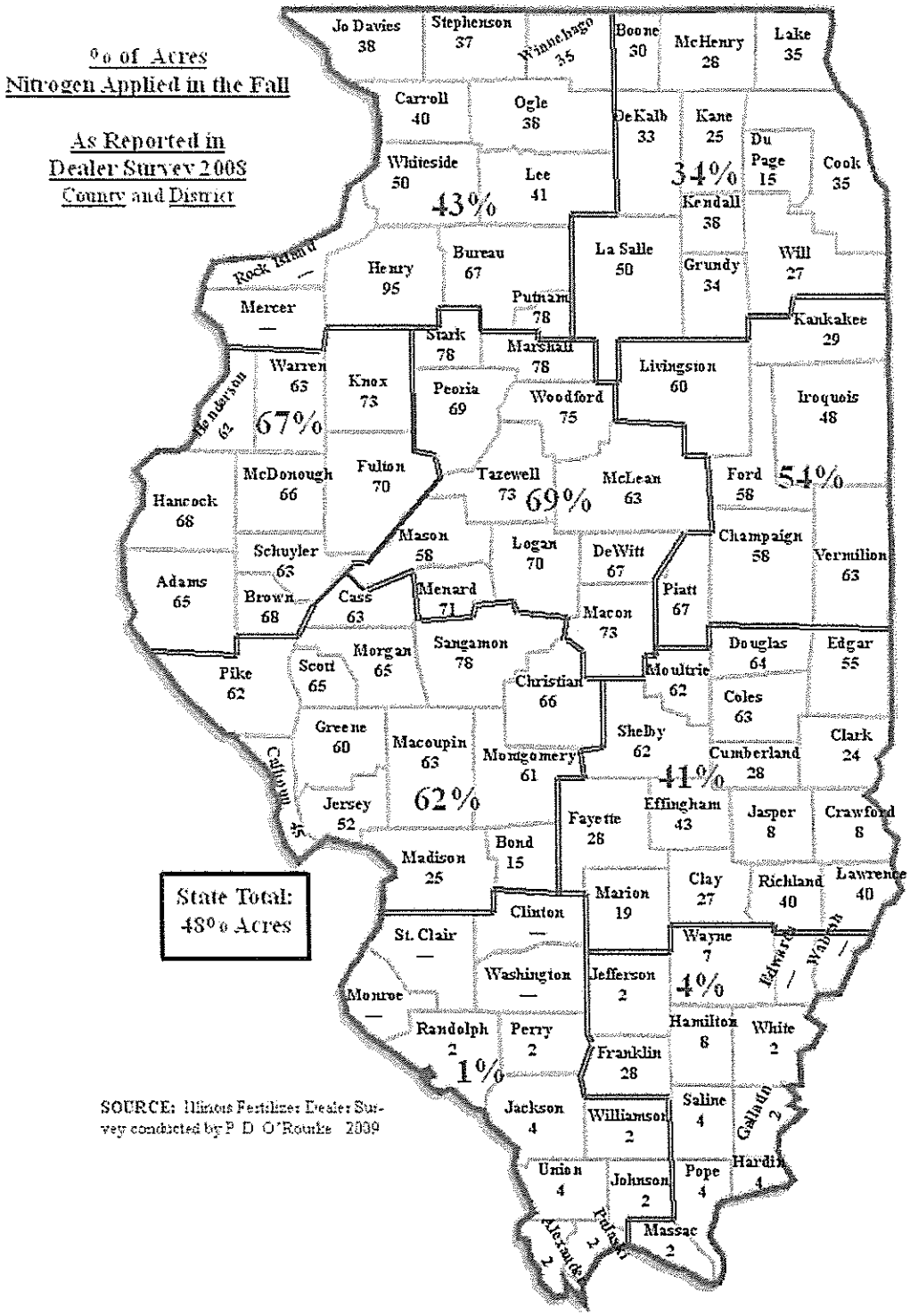


Figure A2. Percent total nitrogen applied in fall - 2003 to 2007 Fertilizer Tonnage Reports.

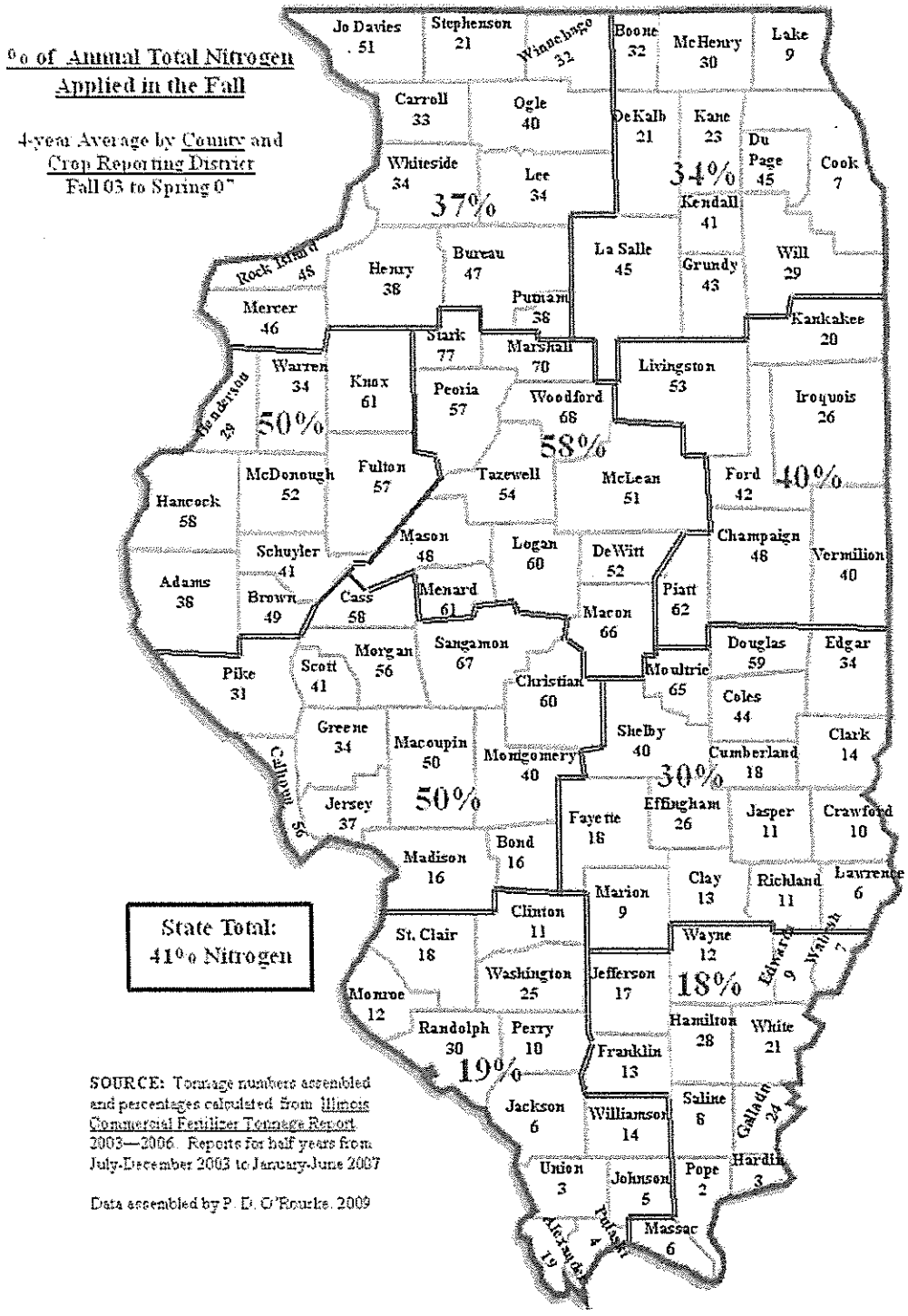


Figure A3. Additional data on nitrogen applications - 2003 to 2007 Fertilizer Tonnage Reports.

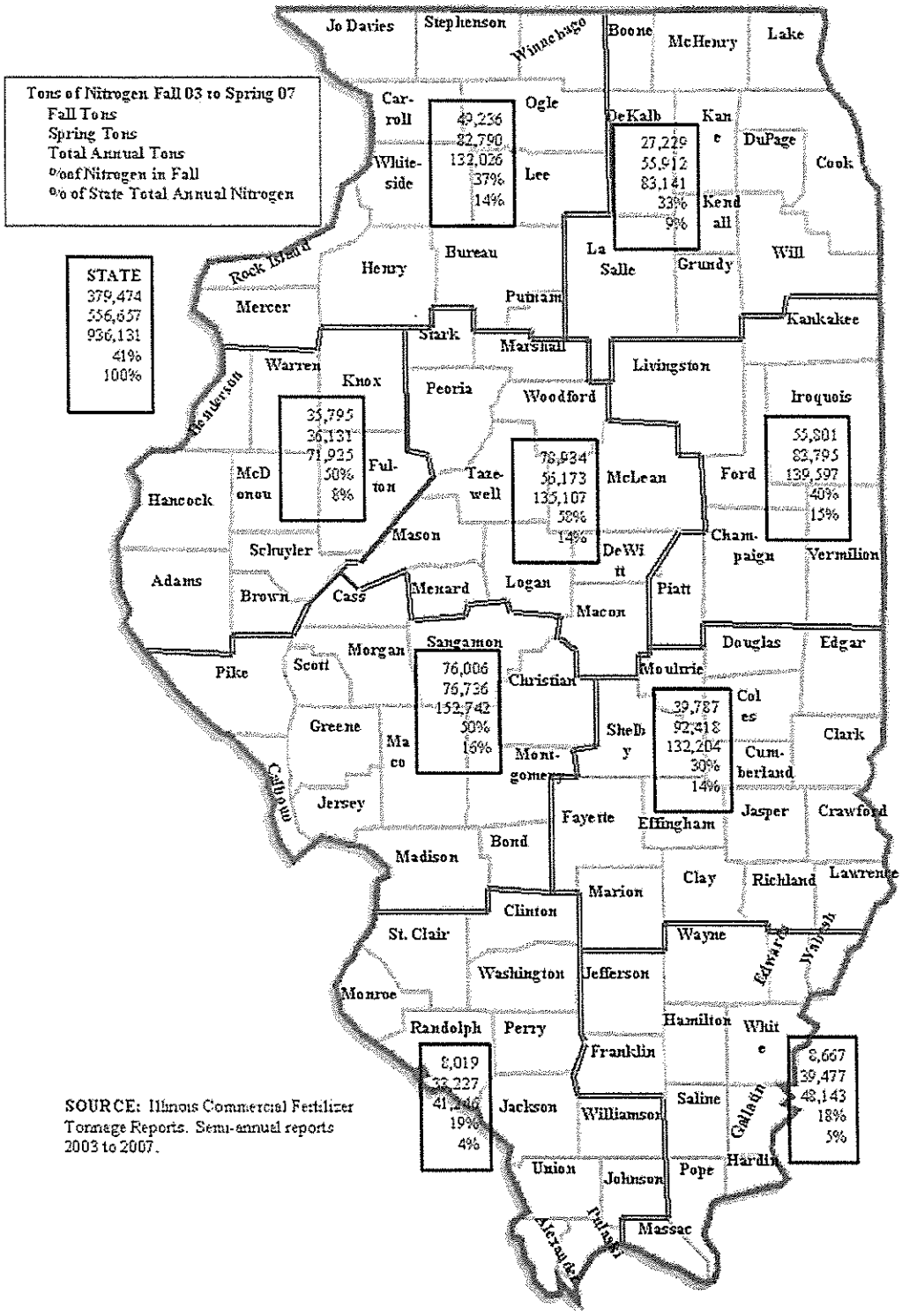
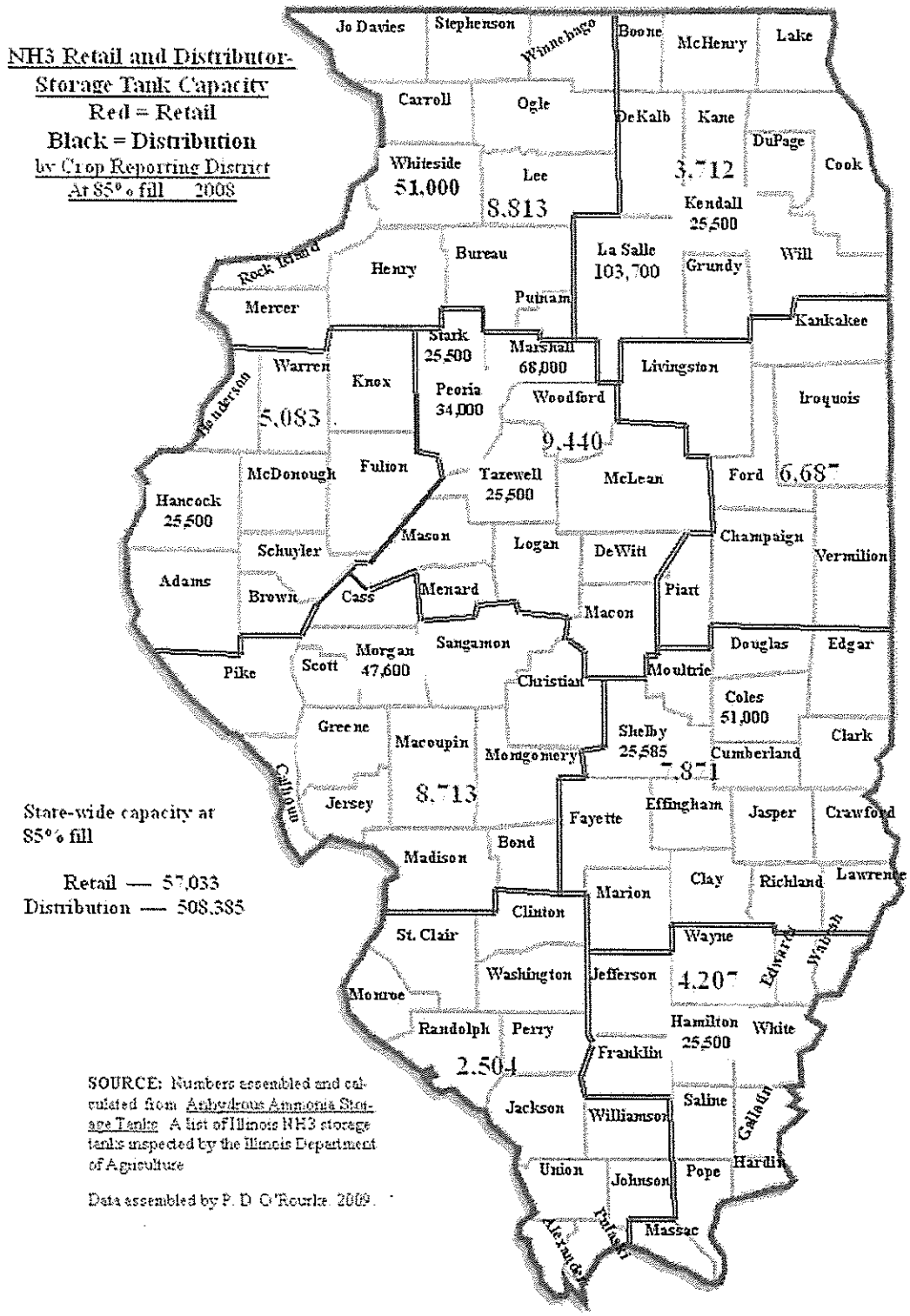


Figure A4. Percent total nitrogen applied in fall by zone - 2005 farmer survey by USDA-NASS.

Figure A5. NH_3 storage at distributor and retail levels in Illinois.



Daniels, Simon

From: PIKE AND SCOTT CFBS <pikecfb@pikecfb.org>
Sent: Friday, January 16, 2015 8:57 AM
To: Daniels, Simon
Subject: NLRS COMMENT
Attachments: NLRS comments 01162015 Pike and Scott CFBs.docx

NLRS
PC-50

Simon:
Please find attached comments re: NLRS from the Pike and Scott County Farm Bureaus.
These will be sent by mail also.
Thank you,
Blake

Blake E. Roderick, Executive Director
Pike and Scott County Farm Bureaus
Two Rivers Farm Bureau Foundation
(217) 285-2233 (P) (217) 285-2421 (F)
(217) 473-1600
blake@pikecfb.org
www.ditchtherule.fb.org

PIKE COUNTY FARM BUREAU

Established 1919

SCOTT COUNTY FARM BUREAU

January 16, 2015

NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

RE: Comments Supporting the Nutrient Loss Reduction Strategy

To Whom It May Concern:

The Pike and Scott County Farm Bureaus would like to submit comments in support of the Nutrient Loss Reduction Strategy. Our organizations represent over a thousand farmers in west-central Illinois. We appreciate the Illinois Environmental Protection Agency and Illinois Department of Agriculture's lead in developing the Nutrient Loss Reduction Strategy.

As an organization representing farmers, we have worked for years assisting and supporting farmer led soil and water conservation and resource management efforts. We want to make sure the nutrients applied to fields are efficiently used by the crops.

We encourage our members to use best management practices to care for the land and water to preserve both for future generations of farmers. Current efforts by Illinois farmers have been successful in implementing practices that reduce nutrient losses. We are always looking for new ways to improve the way nutrients are used on the farm.

We appreciate that the Strategy continues to focus on the use of education, outreach, and voluntary-incentive-based practices to address this important agricultural issue. Nutrient use and its impact on water quality are complicated, and widespread adoption of necessary best management practices can result from the use of such tools.

Sincerely,

Blake E. Roderick, Executive Director
Pike and Scott County Farm Bureaus

PIKE COUNTY FARM BUREAU

Established 1919

SCOTT COUNTY FARM BUREAU®

RECEIVED

JAN 21 2015

BUREAU OF WATER
BUREAU CHIEF'S OFFICE

January 16, 2015

NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

RE: Comments Supporting the Nutrient Loss Reduction Strategy

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Sincerely,

Blake E. Roderick, Executive Director
Pike and Scott County Farm Bureaus

— The Pike and Scott County Farm Bureaus—the leaders and the voice of agriculture —

Pike County Farm Bureau
1301 East Washington Street
PO Box 6
Pittsfield IL 62363

NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

Tom Mueller
[redacted]

RECEIVED
JAN 15 2015
BUREAU OF WATER
BUREAU CHIEF'S OFFICE

NLRS Comments
Illinois Environmental Protection Agency Bureau of Water
1021 North Grand Ave. East
P.O. Box 19276
Springfield, IL 62794-9276.

NLRS
PC-57

January 10, 2015

To whom it may concern:

I am writing in support of the proposed Illinois Nutrient Loss Reduction Strategy which encourages the voluntary adoption of appropriate best management practices for farms in Illinois.

My family has been farming [redacted]. In that time, we've seen many technologies come along that have helped us make continual improvements. Included in those technologies are best management practices that help preserve soil nutrients and protect water quality.

For example, we have already implemented no-till, conservation tillage, split application of nitrogen, side dressing of nitrogen, use of nitrification inhibitors, using university recommended rates for nitrogen and phosphorus applications, variable rate application of phosphorus and potash and cover crops. We've seen the positive impact to our farm operation. I also know that these things have helped reduce nutrient runoff which helps protect water quality as well as preserve my economic investment. It makes sense for me to voluntarily implement these practices because I certainly don't want to lose the nutrients that I've already paid for.

I have committed to these conservation practices voluntarily. I will continue to do that. I believe that the Strategy provides an adequate set of suggestions that other Illinois farmers can incorporate into their farms on a voluntary basis if they haven't already done so.

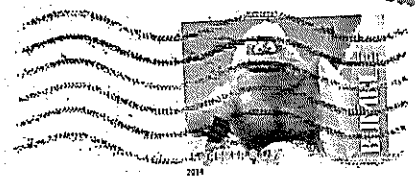
I am always looking for ways to improve my farm for the benefit of my family and our longevity in the business. Protecting our farm from both an economic and environmental perspective is what will keep our family farm sustainable for the next generation.

Sincerely,

Tom Mueller

Tom Mueller
[redacted]

QUAD CITIES IL P&DF
IL 612 2 L
12 JAN 2015 $.96



NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Av. East
P.O. Box 19276
Springfield, IL 62794-9276

62794$9276

Daniels, Simon

From: Helm, Stacy - NRCS-CD, Mt Vernon, IL <Stacy.Helm@il.nacdnet.net>
Sent: Friday, January 16, 2015 11:48 AM
To: Daniels, Simon
Subject: NLRS comments
Attachments: NLRS Jefferson SWCD Comments.pdf

NLRS
PC-52

Thanks for the opportunity to comment on the strategy! Have a great weekend!

Stacy Helm, CPESC
Resource Conservationist
Jefferson County SWCD
221 Withers Drive
Mt. Vernon, IL 62864
618-244-0773 ext. 3
Fax: 1-855-283-4830

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JEFFERSON COUNTY SOIL AND WATER CONSERVATION DISTRICT

221 WITHERS DRIVE • MT. VERNON, ILLINOIS 62864 • PHONE: (618) 244-0773, EXT. 3 • FAX: (618) 244-5942

January 16, 2015

NLRS Comments
IEPA – Bureau of Water
1021 N. Grand Ave.
PO Box 19276
Springfield, IL 62794-9276

The Jefferson County Soil and Water Conservation District agrees with the Nutrient Load Reduction Strategy, as it is written. We appreciate that the strategy takes into account almost all sources of nutrient loads and discusses the avenues that those sources can take to work on reducing the nutrient loads. We feel that there are a couple of other topics that should be considered in the Strategy.

Another source of nutrient loads that the strategy could be looking at closer is stream downcutting. In the past 5-10 years, Jefferson County has seen significant downcutting in many of its major creeks and the resulting erosion is likely contributing to the nutrient loads in the Mississippi. It is doubtful that we are the only county that is seeing this issue. While we can only speculate on the cause of most of the downcutting, we can say that, to no fault of their own, many landowners have come into our office for help because they go out into their fields, only to find a massive gully has found its way into the field from the creek. When this happens, it costs thousands of dollars to fix the erosion problem and all that soil is gone, along with the nutrients that are in it.

In a day and age where farmers are being told that they have to step it up to feed the world in the future, compounded by good commodity prices, it is expected that we will see more ground being broken out into production. The Strategy did not mention that a reduction of 8 million CRP acres nation-wide is also going to contribute to increased nutrient loads. In Illinois alone, acreage reduction will lead result in tillage, to break ground out, and increased fertilizer applications, to bring the soil up to standards for raising a crop.

In working with the farmers in Jefferson County, it has become apparent that most farmers care about the environment, many are willing to try new things if they know it can help the environment, and the quickest way to get them to adopt new habits is through education and incentives. About 10 years ago, we had funding available to encourage landowners to try soil testing and get a nutrient management plan. Virtually all that took advantage of that program are still soil testing and applying appropriate

nutrients to their fields. This is a great example of how a little bit of education, and an incentive to try something new, can generate good habits. Unfortunately, the state money is no longer available to provide incentives for more farmers to try nutrient management planning based on soil tests.

It seems that the main obstacle for this strategy is funding. It will require more funding for education and outreach to be done, whether rural, industrial or urban. It will take funding to provide incentives for farmers to try new BMPs. It will take funding to do follow up on point source permits. It will take funding to get point sources to be able to afford and implement further nutrient reducing systems.

We agree with the Strategy's approach of educating and keeping implementation of practices on a voluntary basis. While we understand the importance of protecting the environment, and agree that more improvements need to be made, forcing a one size fits all BMP approach could be detrimental for many farmers. We are willing to accept the challenge in front of us and plan to do our part in ensuring that our natural resources are protected for future generations to enjoy.

Sincerely,

Jerry Seidel

Jerry Seidel, Chairman
Jefferson County SWCD

Daniels, Simon

From: Blake Roderick [redacted]
Sent: Friday, January 16, 2015 12:02 PM
To: Daniels, Simon
Subject: Comments Supporting the NLRS

NLRS
PC-53

Dear Illinois EPA Comments,

I am an Illinois farm owner and a member of Illinois Farm Bureau.

I appreciate the Illinois Environmental Protection Agency and Illinois Department of Agriculture's lead in developing the Nutrient Loss Reduction Strategy.

As a landowner, I want to make sure the nutrients applied to my fields are efficiently used by the crops. I use best management practices to care for the land and water to preserve both for my future generations.

Current efforts by Illinois farmers have helped us learn how to implement practices to reduce nutrient losses, and we are always looking for new ways to improve the way we use nutrients on our farms. I appreciate that the Strategy continues to focus on the use of education, outreach and voluntary, incentive-based practices to address the agricultural issues.

Nutrient use and its impact on water quality are complicated, and widespread adoption of necessary best management practices can result from the use of such tools. As a farmer, I take great pride in my work and in caring for the environment.

I am committed to the continued use of best management practices to implement the concepts discussed in the Strategy.

Sincerely,

Blake E. Roderick
[redacted]

Daniels, Simon

From: Lance Kendrick [redacted]
Sent: Friday, January 16, 2015 12:03 PM
To: Daniels, Simon
Subject: Comments Supporting the NLRS

NLRS
PC-54

Dear Illinois EPA Comments,

I am the City Manager of Barry Illinois and a member of Illinois Farm Bureau. I appreciate the Illinois Environmental Protection Agency and Illinois Department of Agriculture's lead in developing the Nutrient Loss Reduction Strategy. As a City Manager I am responsible for making sure the drinking water the city provides to its residents is clean and contaminate free. I am confident that the Nutrient Loss Reduction Strategy will benefit the water quality in my community by lowering nitrate levels that make it into the ground water. Thank you.

Sincerely,

Lance Kendrick
[redacted]

Daniels, Simon

From: Rich Hoover [redacted]
Sent: Friday, January 16, 2015 12:06 PM
To: Daniels, Simon
Subject: Comments Supporting the NLRS

NLRS
PC-55

Dear Illinois EPA Comments,

I am an Illinois farmer and a member of Illinois Farm Bureau. I appreciate the Illinois Environmental Protection Agency and Illinois Department of Agriculture's lead in developing the Nutrient Loss Reduction Strategy. As a farmer, I want to make sure the nutrients I apply to my fields are efficiently used by the crops. On my farm, I use best management practices to care for the land and water to preserve both for my future generations. Current efforts by Illinois farmers have helped us learn how to implement practices to reduce nutrient losses, and we are always looking for new ways to improve the way we use nutrients on our farms. I appreciate that the Strategy continues to focus on the use of education, outreach and voluntary, incentive-based practices to address the agricultural issues. Nutrient use and its impact on water quality are complicated, and widespread adoption of necessary best management practices can result from the use of such tools. As a farmer, I take great pride in my work and in caring for the environment. I am committed to the continued use of best management practices to implement the concepts discussed in the Strategy.

Sincerely,

Rich hoover
[redacted]

Daniels, Simon

From: Mr. & Mrs. Monty Whipple [redacted]
Sent: Friday, January 16, 2015 4:38 PM
To: Daniels, Simon
Subject: Comments Supporting the NLRS

NLRS
PC-56

Dear Illinois EPA Comments,

I am an Illinois farmer and a member of Illinois Farm Bureau. I appreciate the Illinois Environmental Protection Agency and Illinois Department of Agriculture's lead in developing the Nutrient Loss Reduction Strategy. As a farmer, I want to make sure the nutrients I apply to my fields are efficiently used by the crops. On my farm, I use best management practices to care for the land and water to preserve both for my future generations. Current efforts by Illinois farmers have helped us learn how to implement practices to reduce nutrient losses, and we are always looking for new ways to improve the way we use nutrients on our farms. I appreciate that the Strategy continues to focus on the use of education, outreach and voluntary, incentive-based practices to address the agricultural issues. Nutrient use and its impact on water quality are complicated, and widespread adoption of necessary best management practices can result from the use of such tools. As a farmer, I take great pride in my work and in caring for the environment. I am committed to the continued use of best management practices to implement the concepts discussed in the Strategy.

Sincerely,

Monty Whipple

[redacted]

Daniels, Simon

From: Gary Speckhart [redacted]
Sent: Friday, January 16, 2015 6:11 PM
To: Daniels, Simon
Subject: Comments Supporting the NLRS

NLRS
PC-57

Dear Illinois EPA Comments,

I am an Illinois farmer and a member of Illinois Farm Bureau. I appreciate the Illinois Environmental Protection Agency and Illinois Department of Agriculture's lead in developing the Nutrient Loss Reduction Strategy. As a farmer, I want to make sure the nutrients I apply to my fields are efficiently used by the crops. On my farm, I use best management practices to care for the land and water to preserve both for my future generations. Current efforts by Illinois farmers have helped us learn how to implement practices to reduce nutrient losses, and we are always looking for new ways to improve the way we use nutrients on our farms. I appreciate that the Strategy continues to focus on the use of education, outreach and voluntary, incentive-based practices to address the agricultural issues. Nutrient use and its impact on water quality are complicated, and widespread adoption of necessary best management practices can result from the use of such tools. As a farmer, I take great pride in my work and in caring for the environment. I am committed to the continued use of best management practices to implement the concepts discussed in the Strategy.

Sincerely,

Gary Speckhart

[redacted]

Daniels, Simon

From:	Sierra Club <katrina.phillips@sierraclub.org> on behalf of Jeffrey Shelden <sierra@sierraclub.org>
Sent:	Saturday, January 17, 2015 8:13 PM
To:	Daniels, Simon
Subject:	NLRS Comments

NLRS
PC - 58

Jan 17, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

IEPA should also conduct studies on watersheds known to contribute large volumes of phosphorus downstream, like the Chicago and Des Plaines Rivers, to determine what levels of phosphorus these waters can tolerate. These studies should focus on the impacts of various levels of phosphorus on algae and dissolved oxygen levels, and in turn on aquatic life.

I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

JEFFREY SHELDEN
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Brian Killen <sierra@sierraclub.org>
Sent: Saturday, January 17, 2015 9:10 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-59

Jan 17, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Brian Killen

Daniels, Simon

From:	Sierra Club <katrina.phillips@sierraclub.org> on behalf of Douglas Ower <sierra@sierraclub.org>
Sent:	Sunday, January 18, 2015 3:18 PM
To:	Daniels, Simon
Subject:	NLRS Comments

NLRS
PC - 60

Jan 18, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

IEPA should also conduct studies on watersheds known to contribute large volumes of phosphorus downstream, like the Chicago and Des Plaines Rivers, to determine what levels of phosphorus these waters can tolerate. These studies should focus on the impacts of various levels of phosphorus on algae and dissolved oxygen levels, and in turn on aquatic life.

I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

All of the lake in Lake County are impaired. We need standards to improve the condition of these lakes.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Douglas Ower

Daniels, Simon

From:	Sierra Club <katrina.phillips@sierraclub.org> on behalf of Connie Schmidt <sierra@sierraclub.org>
Sent:	Sunday, January 18, 2015 4:21 PM
To:	Daniels, Simon
Subject:	NLRS Comments

NLRS
PC -61

Jan 18, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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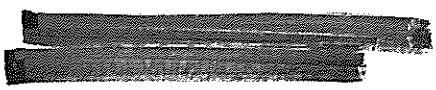
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Connie Schmidt



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Wendy Valentine Glasshof <sierra@sierraclub.org>
Sent: Sunday, January 18, 2015 4:52 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-62

Jan 18, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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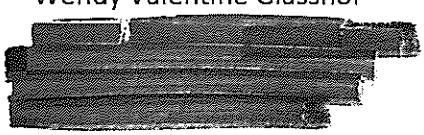
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Wendy Valentine Glasshof



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Jan Elbert <sierra@sierraclub.org>
Sent: Sunday, January 18, 2015 6:54 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-63

Jan 18, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

IEPA should also conduct studies on watersheds known to contribute large volumes of phosphorus downstream, like the Chicago and Des Plaines Rivers, to determine what levels of phosphorus these waters can tolerate. These studies should focus on the impacts of various levels of phosphorus on algae and dissolved oxygen levels, and in turn on aquatic life.

I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Jan Elbert
[redacted]

Daniels, Simon

From: Terry Pope [redacted]
Sent: Monday, January 19, 2015 8:34 AM
To: Daniels, Simon
Subject: Comments Supporting the NLRS

NLRS
PC-64

Dear Illinois EPA Comments,

I am an Illinois farmer and a member of Illinois Farm Bureau. I appreciate the Illinois Environmental Protection Agency and Illinois Department of Agriculture's lead in developing the Nutrient Loss Reduction Strategy. As a farmer, I want to make sure tffdhe nutrients I apply to my fields are efficiently used by the crops. On my farm, I use best management practices to care for the land and water to preserve both for my future generations. Current efforts by Illinois farmers have helped us learn how to implement practices to reduce nutrient losses, and we are always looking for new ways to improve the way we use nutrients on our farms. I appreciate that the Strategy continues to focus on the use of education, outreach and voluntary, incentive-based practices to address the agricultural issues. Nutrient use and its impact on water quality are complicated, and widespread adoption of necessary best management practices can result from the use of such tools. As a farmer, I take great pride in my work and in caring for the environment. I am committed to the continued use of best management practices to implement the concepts discussed in the Strategy.

Sincerely,

Terry Pope
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Sandra Hansen <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 11:51 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-66

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

IEPA should also conduct studies on watersheds known to contribute large volumes of phosphorus downstream, like the Chicago and Des Plaines Rivers, to determine what levels of phosphorus these waters can tolerate. These studies should focus on the impacts of various levels of phosphorus on algae and dissolved oxygen levels, and in turn on aquatic life.

I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Sandra Hansen

[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Krista Grimm <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 12:20 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-67

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

I live in the Des Plaines River watershed, and I find it distressing that my watershed is contributing to the hypoxic zone in the Gulf of Mexico. I would like the IEPA to conduct studies on watersheds, including the Des Plaines River watershed, to determine what levels of phosphorus these waters can tolerate. These studies should focus on the impacts of various levels of phosphorus on algae and dissolved oxygen levels, and in turn on aquatic life.

I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Krista Grimm

[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of David Martin <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 1:53 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-68

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

David Martin

Daniels, Simon

From: Linden Warfel [redacted]
Sent: Monday, January 19, 2015 4:04 PM
To: Daniels, Simon; brad@ccfb.com; David And Nancy Erickson; Chris Hausman
Subject: Nutrient Loss

NLRS
RC-67

19 Jan 2015

Sir:

My comments regarding the Nutrient Loss Reduction Strategy must begin with an objection to the date for comments.
The structure for the process looks at many decades of history, then asks for comments stat. Few know what it is.
Fewer still have studied the background.
Why in the world is the process started asking for comments? Why not first inform?

Historical data must be skewed by not taking into account last year's days. Excellent climate helped corn in particular consume all available nitrogen. Zero left to get in to ground water.

I work with Farm Bureau extensively to educate and advocate. We are in the very first steps to educate. How are we going to make comments prior to study? Next January would make sense to end the comment period.

At a meeting today of farm leaders, discussion brought out changes we have made and continue to make. A meeting date for June was delayed because of plans to sidedress nitrogen...which a few years ago would have been fall applied...with an inhibitor. All present now use inhibitors in fall, and have greatly reduced fall application amounts. Evidence of that practice is that supplies no longer run out in fall.

As I have only reviewed the first 60 pages those are my only comments. The January 24 deadline is very unfair.

Linden Warfel, President
Champaign County Farm Bureau
Farmer, 53 years
Centennial Farm

Daniels, Simon

From:	Sierra Club <katrina.phillips@sierraclub.org> on behalf of J Beverly <sierra@sierraclub.org>
Sent:	Monday, January 19, 2015 4:52 PM
To:	Daniels, Simon
Subject:	NLRS Comments

NLRS
PC-70

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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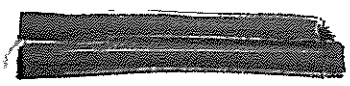
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

J Beverly



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Claudia Davidson <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 7:25 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-71

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Claudia Davidson

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Mike Mulligan <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 7:26 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-72

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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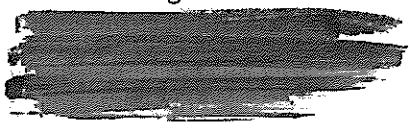
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Mike Mulligan



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Robert Marton <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 7:26 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-73

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

IEPA should also conduct studies on watersheds known to contribute large volumes of phosphorus downstream, like the Chicago and Des Plaines Rivers, to determine what levels of phosphorus these waters can tolerate. These studies should focus on the impacts of various levels of phosphorus on algae and dissolved oxygen levels, and in turn on aquatic life.

I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Robert Marton

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Mary Rapp <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 7:27 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-74

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Mary Rapp

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Mary Rapp <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 7:27 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-74

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Mary Rapp
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Lisa Klepek <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 7:27 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC - 75

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Lisa Klepek

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Michael Kaplan <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 7:27 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC- 76

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

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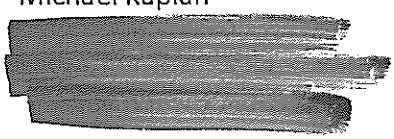
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Michael Kaplan



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Jeanette Louis <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 7:28 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC - 77

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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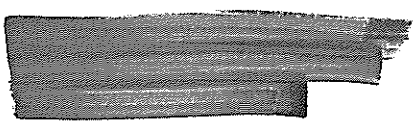
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Jeanette Louis



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Dan Mccurdy <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 7:28 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC- 78

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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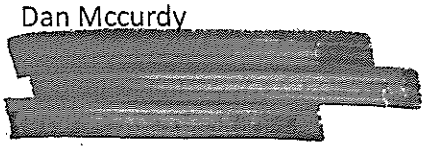
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Dan Mccurdy



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Mary Hagele <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 7:28 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-79

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Mary Hagele
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of J Priske <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 7:30 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-80

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

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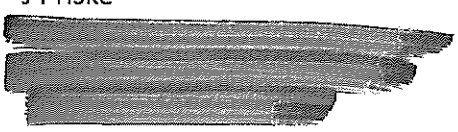
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

J Priske



Daniels, Simon

From:	Sierra Club <katrina.phillips@sierraclub.org> on behalf of Robert Stanley <sierra@sierraclub.org>
Sent:	Monday, January 19, 2015 7:31 PM
To:	Daniels, Simon
Subject:	NLRS Comments

NLRS
PC-81

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

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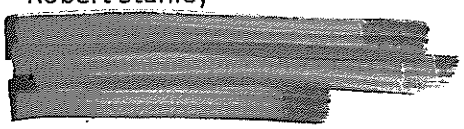
Sincerely,

Robert Stanley



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of John Burke <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 7:50 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-82

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

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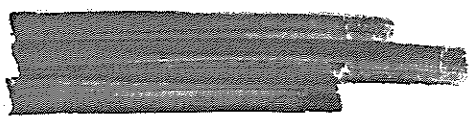
Sincerely,

John Burke



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of John Kriegshauser <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 7:52 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-83

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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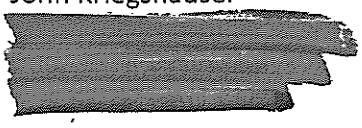
Sincerely,

John Kriegshauser



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Karla Klueter <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 7:52 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-84

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Karla Klueter

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Linda Emanuel <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 7:53 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-85

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Linda Emanuel
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Blair Moseley <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 7:53 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-86

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

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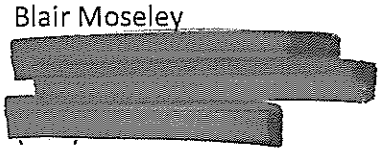
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.
BLAIR MOSELEY

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Blair Moseley



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Catherine Walbridge <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 7:53 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-87

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

I have been concerned about this issue for a long time and am thrilled that the time has arrived to act!!! Please set stringent limits of the
amount of nutrients allowed in our waterways and Gulf!!! We have
abused these sources of life for an unacceptably long time; in order to invest in the future, for our kids and their unborn kids, we must act strongly now, I feel and think.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Our contribution to Gulf Hypoxia must be halted immediately, especially because the overgrowth of algae disfigures our rivers (such as the DesPlaines)!!

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Linda McCarthy <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 7:54 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-88

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Linda McCarthy
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Tom von Geldern <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 7:55 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-89

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

Personally, I have seen high levels of algae in the Fox River when collecting river samples monthly for the Fox River Study Group. Levels of algae are high in samples we collect during the summer months.

IEPA should also conduct studies on watersheds known to contribute large volumes of phosphorus downstream, like the Chicago and Des Plaines Rivers, to determine what levels of phosphorus these waters can tolerate. These studies should focus on the impacts of various levels of phosphorus on algae and dissolved oxygen levels, and in turn on aquatic life.

I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Tom von Geldern

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Carlina Mora <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 7:55 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-90

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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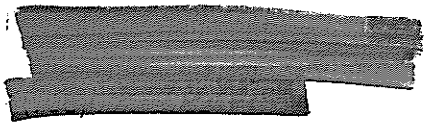
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Carlina Mora



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Joe Coco <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 7:55 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-91

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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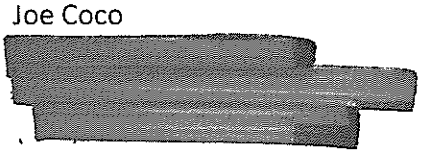
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Joe Coco



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Robert Clapper <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 7:56 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC- 92

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Robert Clapper

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Elizabeth Roberts <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 7:59 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-93

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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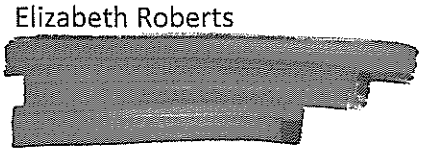
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Elizabeth Roberts



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Janet Mcdonnell <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 8:00 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC - 94

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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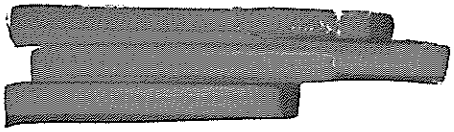
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter..

Sincerely,

Janet Mcdonnell



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Cindy Skrukrud <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 8:00 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-96

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

Personally, I have seen high levels of algae in the Fox River, Chicago River and Des Plaines River.

Thank you to IEPA for their support of the efforts of the Fox River Study Group to address the problems caused by high algae levels in the Fox River. These problems include measured very low levels of dissolved oxygen which is harmful to aquatic life, increased costs (Elgin spent an extra $0.5 million in 2012) to deal with taste and odor problems in drinking water taken from the river and algal mats which interfere with the enjoyment of paddling on this river.

IEPA should also conduct studies on watersheds known to contribute large volumes of phosphorus downstream, like the Chicago and Des Plaines Rivers, to determine what levels of phosphorus these waters can tolerate. These studies should focus on the impacts of various levels of phosphorus on algae and dissolved oxygen levels, and in turn on aquatic life.

I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of David Lauder <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 8:00 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-97

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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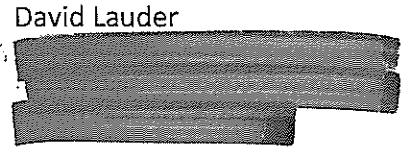
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

David Lauder


Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Donna Bierschenk <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 8:22 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-98

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Donna Bierschenk

Daniels, Simon

From:	Sierra Club <katrina.phillips@sierraclub.org> on behalf of Christie Robnett <sierra@sierraclub.org>
Sent:	Monday, January 19, 2015 8:22 PM
To:	Daniels, Simon
Subject:	NLRS Comments

NLRS
PC-99

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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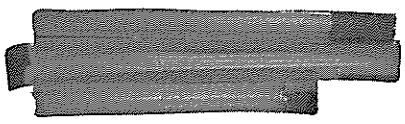
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Christie Robnett



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Claude Pettis <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 8:23 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-100

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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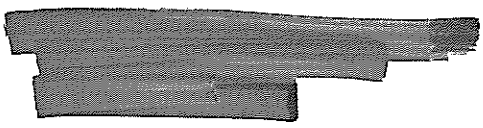
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Claude Pettis



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Elaine Soble <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 8:25 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-101

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Elaine Soble

[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Jan Tervydis <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 8:26 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-102

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Jan Tervydis

[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Michael Mueller <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 8:26 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-103

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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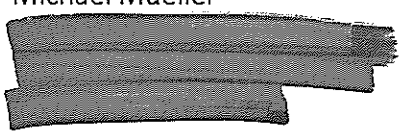
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Michael Mueller



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Steve Lichtenbert <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 8:51 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-104

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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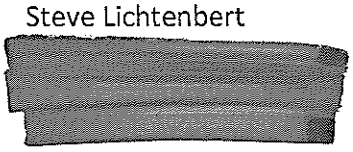
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Steve Lichtenbert



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of John Mckee <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 8:52 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-105

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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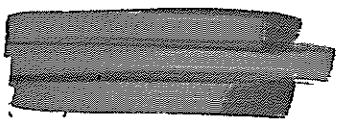
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

John Mckee



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Laura Winston <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 8:52 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC -106

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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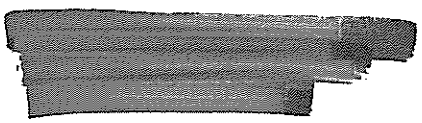
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Laura Winston



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of David Hoyt <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 8:56 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-107

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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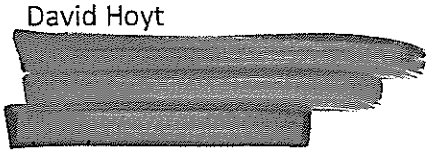
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

David Hoyt



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Tami Schmidt <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 8:56 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC - 108

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Tami Schmidt

[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Jim Okrzesik <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 9:22 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-109

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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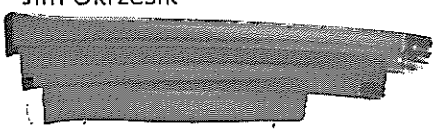
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Jim Okrzesik



Daniels, Simon

From:	Sierra Club <katrina.phillips@sierraclub.org> on behalf of Mike Post <sierra@sierraclub.org>
Sent:	Monday, January 19, 2015 9:21 PM
To:	Daniels, Simon
Subject:	NLRS Comments

NLRS
PC- 110

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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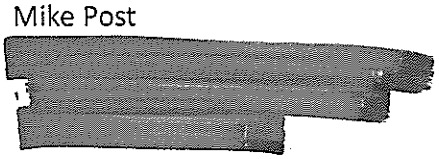
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Mike Post



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Nancy Bradt <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 9:22 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC - 111

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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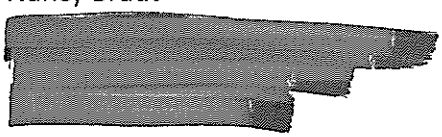
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Nancy Bradt



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of John Massman <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 9:24 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-112

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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IEPA should also conduct studies on watersheds known to contribute large volumes of phosphorus downstream, like the Chicago and Des Plaines Rivers, to determine what levels of phosphorus these waters can tolerate. These studies should focus on the impacts of various levels of phosphorus on algae and dissolved oxygen levels, and in turn on aquatic life.

As a resident of [redacted] I've seen first hand the problems caused by algae blooms

I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

John Massman
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Myrthe leBourgeois <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 9:24 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-113

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

The runoff has created a large dead hypoxic area in the Gulf of Mexico but it all starts way up here. We need concrete limits on phosphorus to revive the Gulf. Dead can spread.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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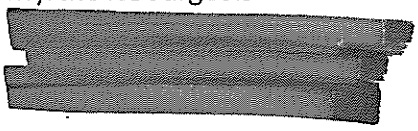
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Myrthe leBourgeois



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Mark Kolar <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 9:27 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-114

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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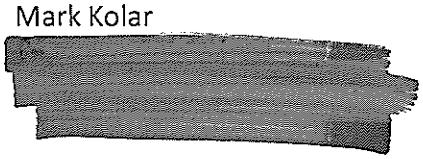
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Mark Kolar



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Mimi Smith <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 9:27 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-115

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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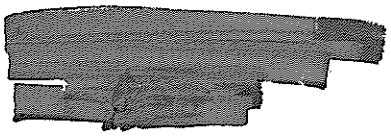
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Mimi Smith



Daniels, Simon

From:	Sierra Club <katrina.phillips@sierraclub.org> on behalf of John Pranke <sierra@sierraclub.org>
Sent:	Monday, January 19, 2015 9:27 PM
To:	Daniels, Simon
Subject:	NLRS Comments

NLRS
PC-116

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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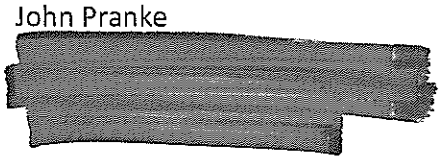
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

John Pranke



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Daniel & Patricia Jones <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 9:52 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-117

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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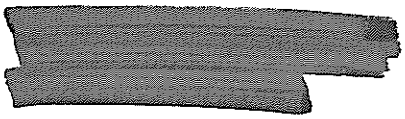
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Daniel & Patricia Jones



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Timothy Canavan <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 9:54 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-118

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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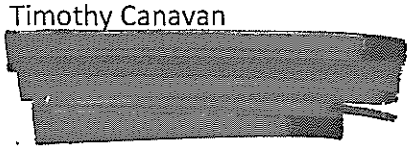
Sincerely,

Timothy Canavan



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Joseph Stieglitz <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 9:55 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-119

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Joseph Stieglitz

Daniels, Simon

From: richard beuth [redacted]
Sent: Monday, January 19, 2015 10:05 PM
To: Daniels, Simon
Subject: Comments Supporting the NLRS

NLRS
PC - 120

Dear Illinois EPA Comments,

I am an Illinois farmer and a member of Illinois Farm Bureau. I appreciate the Illinois Environmental Protection Agency and Illinois Department of Agriculture's lead in developing the Nutrient Loss Reduction Strategy. As a farmer, I want to make sure the nutrients I apply to my fields are efficiently used by the crops. On my farm, I use best management practices to care for the land and water to preserve both for my future generations. Current efforts by Illinois farmers have helped us learn how to implement practices to reduce nutrient losses, and we are always looking for new ways to improve the way we use nutrients on our farms. I appreciate that the Strategy continues to focus on the use of education, outreach and voluntary, incentive-based practices to address the agricultural issues. Nutrient use and its impact on water quality are complicated, and widespread adoption of necessary best management practices can result from the use of such tools. As a farmer, I take great pride in my work and in caring for the environment. I am committed to the continued use of best management practices to implement the concepts discussed in the Strategy.

Sincerely,

richard beuth
[redacted]

Daniels, Simon

NLRS
PC-121

From: Jay Niemann [redacted]
Sent: Monday, January 19, 2015 10:19 PM
To: Daniels, Simon
Subject: Comments Supporting the NLRS

Dear Illinois EPA Comments,

I am an Illinois farmer and a member of Illinois Farm Bureau. I appreciate the Illinois Environmental Protection Agency and Illinois Department of Agriculture's lead in developing the Nutrient Loss Reduction Strategy. As a farmer, I want to make sure the nutrients I apply to my fields are efficiently used by the crops. On my farm, I use best management practices to care for the land and water to preserve both for my future generations. Current efforts by Illinois farmers have helped us learn how to implement practices to reduce nutrient losses, and we are always looking for new ways to improve the way we use nutrients on our farms. I appreciate that the Strategy continues to focus on the use of education, outreach and voluntary, incentive-based practices to address the agricultural issues. Nutrient use and its impact on water quality are complicated, and widespread adoption of necessary best management practices can result from the use of such tools. As a farmer, I take great pride in my work and in caring for the environment. I am committed to the continued use of best management practices to implement the concepts discussed in the Strategy.

Sincerely,

Jay Niemann
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Mark And Dana Ross <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 10:21 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-122

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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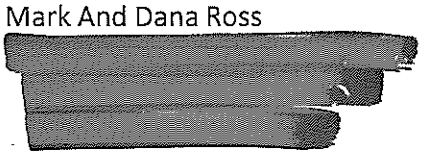
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Mark And Dana Ross



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Jennifer Misiak <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 10:23 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-123

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Jennifer Misiak

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Kathryn Lemosy <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 10:24 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC - 124

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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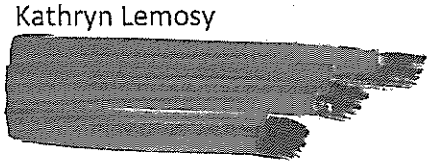
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Kathryn Lemosy



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Carla Womack <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 10:51 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-125

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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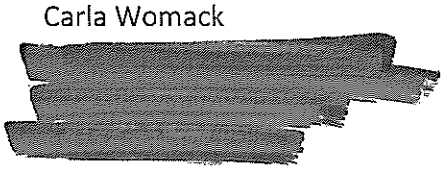
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Carla Womack



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Rebekah Robison <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 10:55 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-126

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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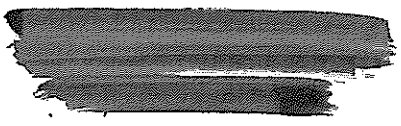
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Rebekah Robison



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Edward Allard <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 11:22 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-127

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Edward Allard
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Alan Serlin <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 11:22 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-128

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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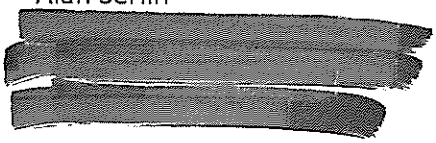
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Alan Serlin



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Laura Bernstein <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 11:24 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC - 129

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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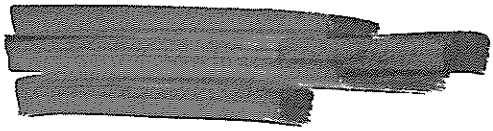
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Laura Bernstein



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Rhonda Lawford <sierra@sierraclub.org>
Sent: Monday, January 19, 2015 11:51 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-138

Jan 19, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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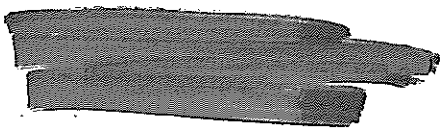
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Rhonda Lawford



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Richardson Bentley <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 12:21 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-13

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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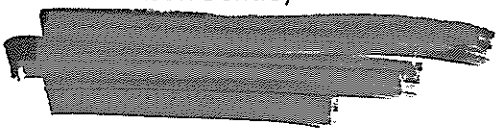
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Richardson Bentley



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Michael Martin <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 12:22 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-132

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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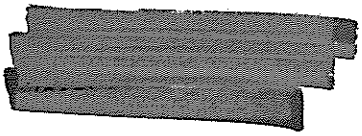
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Michael Martin



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Annette Messina <sierra@sierraclub.org>
Sent: Friday, January 23, 2015 1:23 AM
To: Daniels, Simon
Subject: NLRS Comments

Jan 23, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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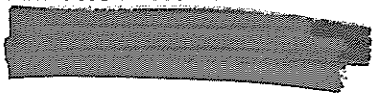
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Annette Messina


Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Annette Messina <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 12:24 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-133

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Annette Messina

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Jacqueline Deslandes <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 2:52 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-134

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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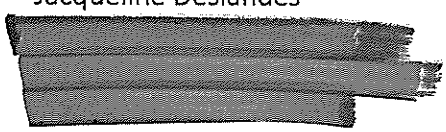
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Jacqueline Deslandes



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Nancy Cole <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 4:22 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-135

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Nancy Cole

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Sarah Wolfe <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 5:22 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-136

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Our beloved family property [redacted] that was clear running, beautiful and full of life with tiny fish, crawdads and water striders. Now, thanks to farm chemical fertilizer run-off it is choked with algae, weeds and dead. Please... please wake up to this issue and do what you are supposed to...that is save our precious and vital waterways. IPEA...do you job, do the right thing and have a back bone and stand up to the corporate giants that run our government and save our waterways before the damage is beyond repair.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Chris Turley <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 6:22 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC -137

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Chris Turley

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Michael Stuart <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 6:23 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-138

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Michael Stuart

[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Rebecca St Clair <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 6:52 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC - 139

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

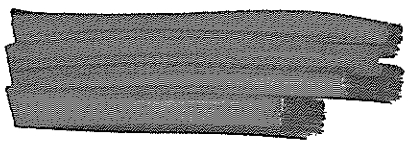
IEPA should also conduct studies on watersheds known to contribute large volumes of phosphorus downstream, like the Chicago and Des Plaines Rivers, to determine what levels of phosphorus these waters can tolerate. These studies should focus on the impacts of various levels of phosphorus on algae and dissolved oxygen levels, and in turn on aquatic life.

I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Rebecca St Clair



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Craig Pence <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 6:53 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-140

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

[redacted]nd we are subject to the effects of agricultural runoff. Our lake, in the 1970's, supported prolific aquatic weed growth. We now have absolutely nothing growing in our lake except algae blooms.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Craig Pence
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Merrie Thornburg <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 6:54 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC - 141

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Merrie Thornburg

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Heidi Haverkamp <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 7:22 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-142

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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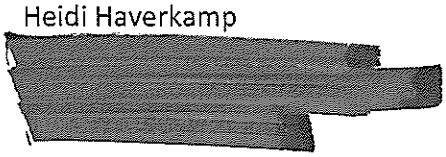
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Heidi Haverkamp



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Buzz Nanavati <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 7:23 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-143

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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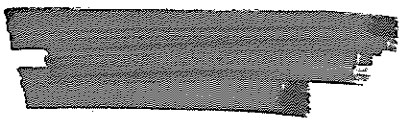
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Buzz Nanavati



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Terri Treacy <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 7:23 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC - 144

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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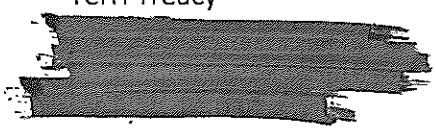
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Terri Treacy



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Gary Briddick <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 7:23 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-145

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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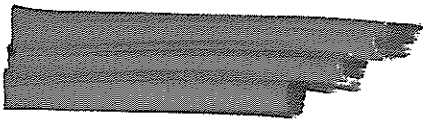
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Gary Briddick



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Nancy & Vernon Wedow <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 7:25 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-146

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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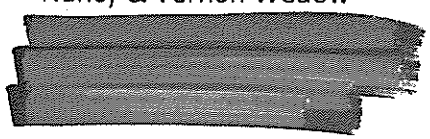
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Nancy & Vernon Wedow



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Lorie Allen <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 7:25 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-147

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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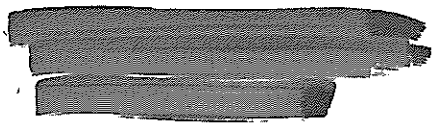
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Lorie Allen



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Alicia Mlsna <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 7:52 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-148

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

The Fox River supplies drinking water to the second largest city in Illinois: Aurora. Protecting this water supply is vital to the physical and economic health of this community.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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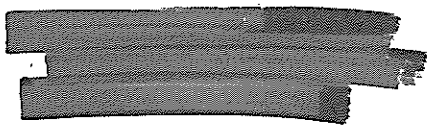
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Alicia Mlsna



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Stephan Donovan <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 7:52 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-149

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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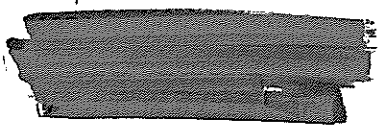
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Stephan Donovan



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Linda Gohlke <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 7:55 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-150

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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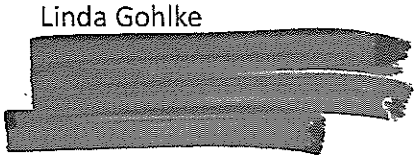
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Linda Gohlke



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Melissa Cannata <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 8:24 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC - 151

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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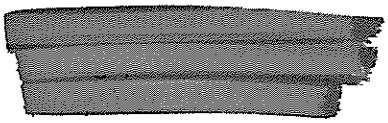
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Melissa Cannata



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Barbara Hauser <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 8:24 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-52

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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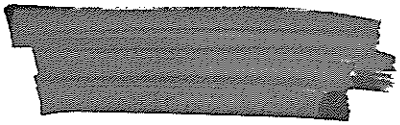
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Barbara Hauser



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of BOB HAGELE <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 6:22 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC- 153

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

BOB HAGELE
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Julia Shelton <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 8:55 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-154

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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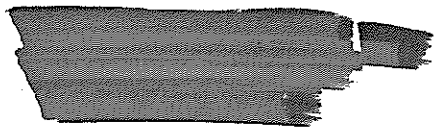
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Julia Shelton



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Mary Groetzenbach <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 8:57 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-155

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Mary Groetzenbach
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Herbert Reed <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 8:57 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-156

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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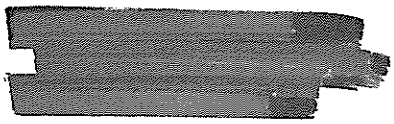
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Herbert Reed



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Linda Andrews <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 9:24 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-157

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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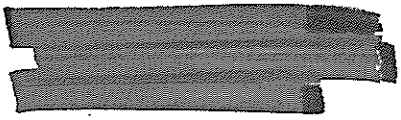
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Linda Andrews



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Rose Tilley <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 9:55 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-158

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Rose Tilley

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Denise Omans <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 9:55 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-159

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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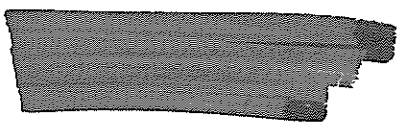
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Denise Omans



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Sarah Schaefer <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 9:57 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-160

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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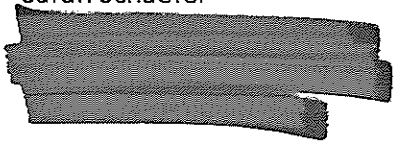
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Sarah Schaefer



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Jason Lindsey <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 10:24 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-161

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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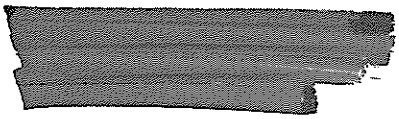
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Jason Lindsey



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Gary Rapaport <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 10:25 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-162

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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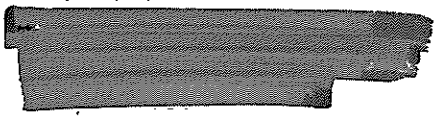
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Gary Rapaport



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of David Brayfield <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 10:25 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-163

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

David Brayfield
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Carole Smith <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 10:25 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-164

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Sincerely,

Carole Smith

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of John Ulaszek <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 10:55 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-165

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

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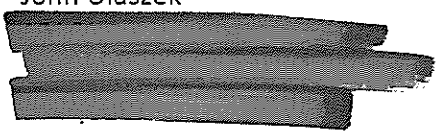
Sincerely,

John Ulaszek



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Jeremy Rossman <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 10:57 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-166

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

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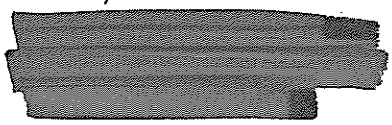
Sincerely,

Jeremy Rossman



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Thomas & Mary Jackson <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 11:25 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-167

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

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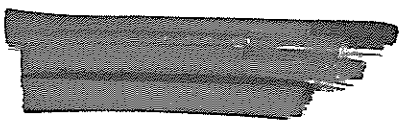
Sincerely,

Thomas & Mary Jackson



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Karen Mueser <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 11:27 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-168

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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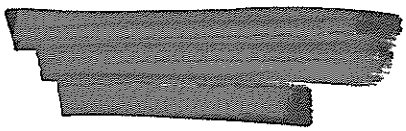
Sincerely,

Karen Mueser



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Carole Pooler <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 11:53 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-169

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Carole Pooler

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Cheryl Jennings <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 12:26 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-170

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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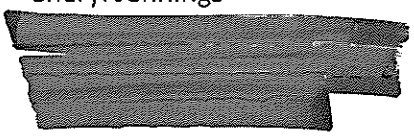
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Cheryl Jennings



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Noreen Lassandrello <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 12:53 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC -171

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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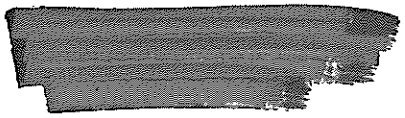
Sincerely,

Noreen Lassandrello



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Mark & Crystal Landers <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 12:56 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-172

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

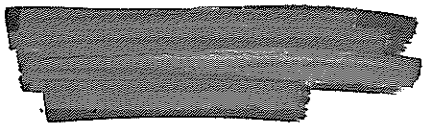
IEPA should also conduct studies on watersheds known to contribute large volumes of phosphorus downstream, like the Chicago and Des Plaines Rivers, to determine what levels of phosphorus these waters can tolerate. These studies should focus on the impacts of various levels of phosphorus on algae and dissolved oxygen levels, and in turn on aquatic life.

I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Mark & Crystal Landers



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Mark Snawadzki <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 1:24 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-173

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Mark Snawadzki

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Dorothy Hynous <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 1:54 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-174

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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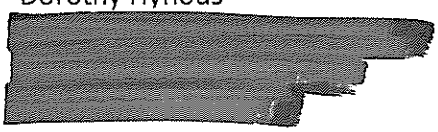
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Dorothy Hynous



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Catherine Quigg <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 2:24 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-175

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Catherine Quigg

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Iver Johnson <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 2:24 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-176

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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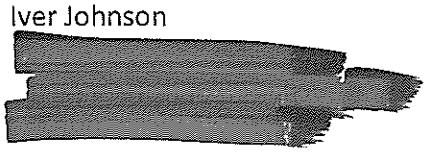
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Iver Johnson



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Suzanne Pentek <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 2:54 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-177

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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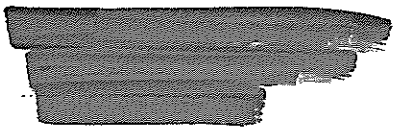
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Suzanne Pentek



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Peter Ayres <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 2:54 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-178

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Peter Ayres

[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Raymond Szumal <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 2:55 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-179

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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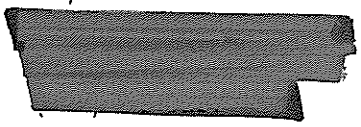
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Raymond Szumal



Daniels, Simon

From: David Hughes [redacted]
Sent: Tuesday, January 20, 2015 3:29 PM
To: Daniels, Simon; Diana Hughes; Jenny Kincaid; [redacted] Mike Plumer
Subject: Public Comment/ILL. nutrient loss reduction strategy

NLRS
PC-180

I am [redacted]old and have read your proposal through numerous times. I am reminded of the doctor that gives an aspirin to a person with a headache. Your proposals treat the symptoms, not the underlying cause.

Federal farm policy, and the education community has preached and promoted "Get BIG or GET OUT" for my lifetime. The rationale being the need for cheap food. Gone are small diverse farms that would effectively reduce nutrient loss of Nitrogen and Phosphorus by longer rotations of crops other than corn and soybeans. The much publicized safety net effectively protects corn, beans and wheat, while effectively not protecting much of anything else. I farm, and have pasture and hay. NAP protection for these crops, in my case, is laughable.

Big Business benefits from BIG AG. Dupont, Monsanto, John Deere, Case-IH, Insurance companies, and others have a financial stake in the status quo. Remove the safety net, allow the marketplace to determine the winners and losers rather than government policy, and I predict you would see a reduction in nutrient loss . Nutrient loss from agriculture will not change significantly until federal farm policy changes. Perhaps the EPA should fine the federal government mega dollars a day until policy is changed. Politically popular? NO. Economically viable? YES, because the consumer, not the farmer, or the federal government ,would be paying for nutrient loss reduction every time they purchased the higher cost food.

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Mary Leffelman <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 3:55 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-181

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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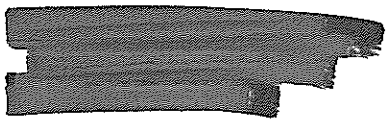
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Mary Leffelman



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Jeannie Owen <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 3:56 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-182

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Jeannie Owen

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Marcia Heeter <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 4:56 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC - 183

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Cleaning up and protecting our water is crucial to our health and the well being of all that lives on this earth. Your action is of great importance!

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Marcia Heeter

Daniels, Simon

From: Bona Heinsohn [redacted]
Sent: Tuesday, January 20, 2015 5:00 PM
To: Daniels, Simon
Subject: Comments Supporting the NLRS

NLRS
PC-184

Dear Illinois EPA Comments,

I am an Illinois farmer and a member of Illinois Farm Bureau. I appreciate the Illinois Environmental Protection Agency and Illinois Department of Agriculture's lead in developing the Nutrient Loss Reduction Strategy. As a farmer, I want to make sure the nutrients I apply to my fields are efficiently used by the crops. On my farm, I use best management practices to care for the land and water to preserve both for my future generations. Current efforts by Illinois farmers have helped us learn how to implement practices to reduce nutrient losses, and we are always looking for new ways to improve the way we use nutrients on our farms. I appreciate that the Strategy continues to focus on the use of education, outreach and voluntary, incentive-based practices to address the agricultural issues. Nutrient use and its impact on water quality are complicated, and widespread adoption of necessary best management practices can result from the use of such tools. As a farmer, I take great pride in my work and in caring for the environment. I am committed to the continued use of best management practices to implement the concepts discussed in the Strategy.

Sincerely,

Bona Heinsohn
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Wendy Holmquist <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 5:24 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-185

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Wendy Holmquist
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Tom Stukel <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 5:25 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC -186

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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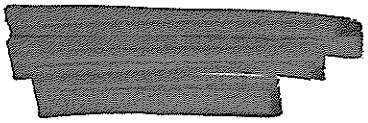
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Tom Stukel



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Robert Carey <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 6:25 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-187

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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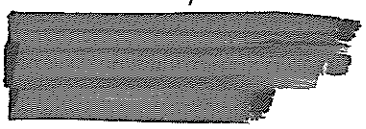
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Robert Carey



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Brian Muhr <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 7:26 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC - 188

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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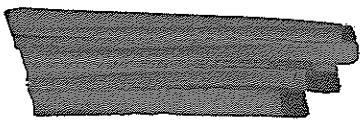
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Brian Muhr



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Diane Lang <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 7:26 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC - 189

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Diane Lang

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Matt Slade <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 7:56 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-190

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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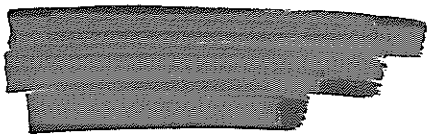
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Matt Slade



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Linda Horn <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 8:25 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-191

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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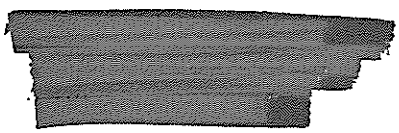
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Linda Horn



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Pam Vander Weyden <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 8:56 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-192

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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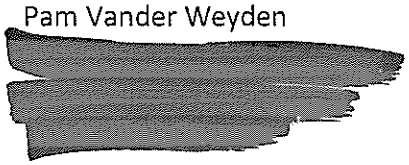
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Pam Vander Weyden



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Vivian Tineo <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 8:56 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-183

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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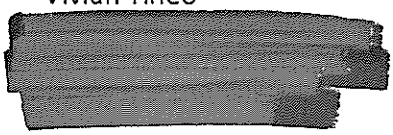
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Vivian Tineo



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Arline Adamsick <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 8:56 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-184

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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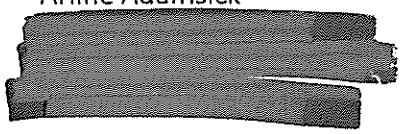
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Arline Adamsick



Daniels, Simon

From: Steven Myers [redacted]
Sent: Tuesday, January 20, 2015 9:11 PM
To: Daniels, Simon
Subject: Comments Supporting the NLRS

NLRS
PC-145

Dear Illinois EPA Comments,

I am an Illinois farmer and a member of Illinois Farm Bureau. I appreciate the Illinois Environmental Protection Agency and Illinois Department of Agriculture's lead in developing the Nutrient Loss Reduction Strategy. As a farmer, I want to make sure the nutrients I apply to my fields are efficiently used by the crops. On my farm, I use best management practices to care for the land and water to preserve both for my future generations. Current efforts by Illinois farmers have helped us learn how to implement practices to reduce nutrient losses, and we are always looking for new ways to improve the way we use nutrients on our farms. I appreciate that the Strategy continues to focus on the use of education, outreach and voluntary, incentive-based practices to address the agricultural issues. Nutrient use and its impact on water quality are complicated, and widespread adoption of necessary best management practices can result from the use of such tools. As a farmer, I take great pride in my work and in caring for the environment. I am committed to the continued use of best management practices to implement the concepts discussed in the Strategy.

Sincerely,

Steven Myers
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Janice Wojciechowski <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 10:40 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-196

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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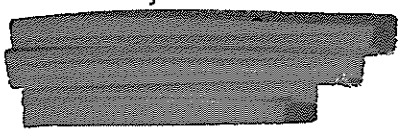
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Janice Wojciechowski



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of sabolch horvat <sierra@sierraclub.org>
Sent: Tuesday, January 20, 2015 11:07 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-197

Jan 20, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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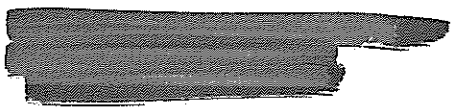
Sincerely,

sabolch horvat



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Michael Dotson <sierra@sierraclub.org>
Sent: Wednesday, January 21, 2015 12:48 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-198

Jan 21, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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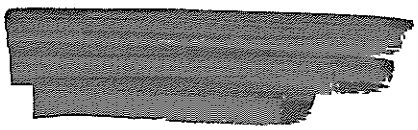
Sincerely,

Michael Dotson



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Marina Abbott <sierra@sierraclub.org>
Sent: Wednesday, January 21, 2015 1:18 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-199

Jan 21, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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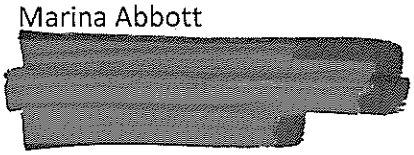
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Marina Abbott



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Julie Griffith <sierra@sierraclub.org>
Sent: Wednesday, January 21, 2015 1:52 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC - 200

Jan 21, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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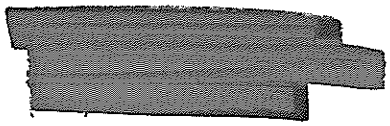
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Julie Griffith



NLRS

PC-201 [redacted]

NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Ave. East
P.O. Box 19276
Springfield, IL 62794-9276.

RECEIVED
JAN 14 2015
BUREAU OF WATER
BUREAU CHIEF'S OFFICE

Re: Illinois Nutrient Loss Reduction Strategy

Dear Sir,

I have reviewed the recent document from the perspective of a south central IL crop farmer who values clean water, air, and minimum soil loss. I also am concerned for my economic survival in a competitive business environment. I agree that reducing nutrient loss is an important factor in maintaining a wholesome environment. The means used to achieve this goal must be done in an a manner that balances what is practical, economical, and accepted as valid by farmers against some numerical number set by regulators.

I applaud the reliance on science and attention to cost in the proposed strategy. I also applaud the involvement of representatives of industry, producers, and extension educators who have practical application experience in the field. I would urge that as this process goes forward, the strategy continues to require valid science, reliance on education, and use of voluntary means over strict regulation.

As a farmer, I appreciate guidance in the form of Best Management Practices and I resent absolute regulations. If there is a factual presentation of a problem and a workable solution provided, I will do my best to comply; it is in my long term interest to do so! Changes take time and can be accomplished best by leading rather than driving to use livestock terms. Leading usually involves financial incentives to make change, hopefully from the market. Therefore, the education must extend to the consumers who desire the results of the higher costs and therefore should be prepared to pay higher prices for the products they buy.

I like the idea of targets and priorities. Do not place burdens on those not responsible and let's work on things in an order that truly does the most good. It is results we are after and not the process! I feel much better doing my part when I know that I am not being asked to do more than someone else. In other words, be careful in who you ask to do what.

I will keep this short and would really like to see the Strategy shortened. Big tasks can be undertaken without huge documents. The goals must be clear, the buy-in of producers secured, and the enforcement practical, reasonable, and voluntary. Keep the program positive in every way possible.

Thank you,

Norbert Soltwedel

[redacted]

Lifelong farmer active in many agricultural organizations for past 45 year

N. 50 Haverhill

[redacted]

CHAMPAIGN IL 618

12 JAN 2015 PM 1 T

NLRS Comments
Il EPA Bureau of Water
1021 North Grand Ave. East
P.O. Box 19276
Springfield, Il 62794-9276

62794$9276

[redacted]

NLRS
PC-202

Bill Rosborough
[redacted]

NLRS Comments
Illinois Environmental Protection Agency Bureau of Water
1021 North Grand Ave. East
P.O. Box 19276
Springfield, IL 62794-9276.

RECEIVE
JAN 16 2015
BUREAU OF WATER
BUREAU CHIEF'S OFFI

January 6, 2015

To whom it may concern:

I am writing in support of the proposed Illinois Nutrient Loss Reduction Strategy which encourages the voluntary adoption of appropriate best management practices for farms in Illinois.

My family has been farming [redacted] for over a hundred years. In that time, we've seen many technologies come along that have helped us make continual improvements. Included in those technologies are best management practices that help preserve soil nutrients and protect water quality.

For example, we have already implemented no-till, conservation tillage, side dressing of nitrogen, and use of nitrification inhibitors. We've seen the positive impact to our farm operation. I also know that these things have helped reduce nutrient runoff which helps protect water quality as well as preserve my economic investment. It makes sense for me to voluntarily implement these practices because I certainly don't want to lose the nutrients that I've already paid for.

I have committed to these conservation practices voluntarily. I will continue to do that. I believe that the Strategy provides an adequate set of suggestions that other Illinois farmers can incorporate into their farms on a voluntary basis if they haven't already done so.

I am always looking for ways to improve my farm for the benefit of my family and our longevity in the business. Protecting our farm from both an economic and environmental perspective is what will keep our family farm sustainable for the next generation.

Sincerely,
Bill Rosborough

ROSBOROUGH FARMS, INC.
[redacted]

TAMPA FL 335
SAINT PETERSBURG FL
30 JAN 2015 PM 5 L

NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water
1021 N. Grand Ave East
PO Box 19276
Springfield, IL 62794-9276

62794927676

[redacted]

NLRS
PC - 203

Ted Mottaz
[redacted]

RECEIVED
JAN 14 2015
BUREAU OF WATER
BUREAU CHIEF'S OFFICE

NLRS Comments
Illinois Environmental Protection Agency Bureau of Water
1021 North Grand Ave. East
P.O. Box 19276
Springfield, IL 62794-9276.

January 10, 2015

To whom it may concern:

I am writing in support of the proposed Illinois Nutrient Loss Reduction Strategy which encourages the voluntary adoption of appropriate best management practices for farms in Illinois.

My family has been farming [redacted]. In that time, we've seen many technologies come along that have helped us make continual improvements. Included in those technologies are best management practices that help preserve soil nutrients and protect water quality.

For example, we have already implemented no-till, conservation tillage, split application of nitrogen, side dressing of nitrogen, use of nitrification inhibitors, using university recommended rates for nitrogen and phosphorus applications, and buffer strips. We've seen the positive impact to our farm operation. I also know that these things have helped reduce nutrient runoff which helps protect water quality as well as preserve my economic investment. It makes sense for me to voluntarily implement these practices because I certainly don't want to lose the nutrients that I've already paid for.

My family has committed to these conservation practices voluntarily. We will continue to do that. We believe that the Strategy provides an adequate set of suggestions that other Illinois farmers can incorporate into their farms on a voluntary basis if they haven't already done so.

I am always looking for ways to improve our farm for the benefit of my family and our longevity in the business. Protecting our farm from both an economic and environmental perspective is what will keep our family farm sustainable for the next generation.

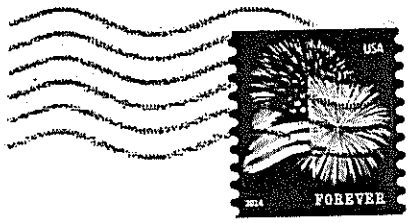
Sincerely,

Ted Mottaz

Ted Mottaz
[redacted]

PEORIA IL 616

12 JAN 2015 PM 1 L



NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Ave. East
P.O. Box 19276
Springfield, IL 62794-9276.

62794$9276

Daniels, Simon

From: Chris Hausman [redacted]
Sent: Wednesday, January 21, 2015 10:19 AM
To: Daniels, Simon
Subject: Comments Supporting the NLRS

NLRS
PC - 208

Dear Illinois EPA Comments,

I am an Illinois farmer and a member of Illinois Farm Bureau. I appreciate the Illinois Environmental Protection Agency and Illinois Department of Agriculture's lead in developing the Nutrient Loss Reduction Strategy. As a farmer, I want to make sure the nutrients I apply to my fields are efficiently used by the crops. On my farm, I use best management practices to care for the land and water to preserve both for my future generations. Current efforts by Illinois farmers have helped us learn how to implement practices to reduce nutrient losses, and we are always looking for new ways to improve the way we use nutrients on our farms. I appreciate that the Strategy continues to focus on the use of education, outreach and voluntary, incentive-based practices to address the agricultural issues. Nutrient use and its impact on water quality are complicated, and widespread adoption of necessary best management practices can result from the use of such tools. As a farmer, I take great pride in my work and in caring for the environment. I am committed to the continued use of best management practices to implement the concepts discussed in the Strategy.

Sincerely,

Chris Hausman
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Michael Surgeon <sierra@sierraclub.org>
Sent: Wednesday, January 21, 2015 10:44 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-205

Jan 21, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

IEPA should also conduct studies on watersheds known to contribute large volumes of phosphorus downstream, like the Chicago and Des Plaines Rivers, to determine what levels of phosphorus these waters can tolerate. These studies should focus on the impacts of various levels of phosphorus on algae and dissolved oxygen levels, and in turn on aquatic life.

I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Michael Surgeon
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Robert Bacon <sierra@sierraclub.org>
Sent: Wednesday, January 21, 2015 12:10 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-206

Jan 21, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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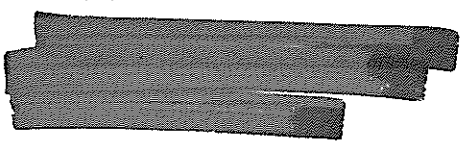
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Robert Bacon



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Johnnie Allen <sierra@sierraclub.org>
Sent: Wednesday, January 21, 2015 2:52 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-207

Jan 21, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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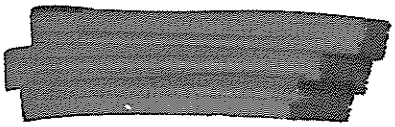
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Johnnie Allen



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Rich Novosel <sierra@sierraclub.org>
Sent: Wednesday, January 21, 2015 3:59 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-208

Jan 21, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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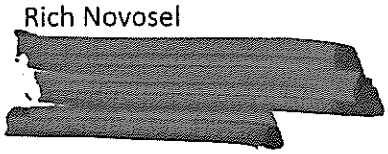
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Rich Novosel



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Christy Matsuoka <sierra@sierraclub.org>
Sent: Wednesday, January 21, 2015 4:29 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-209

Jan 21, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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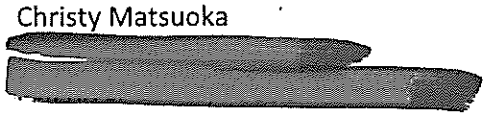
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Christy Matsuoka



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Miriam Greenblatt <sierra@sierraclub.org>
Sent: Wednesday, January 21, 2015 4:33 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-210

Jan 21, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

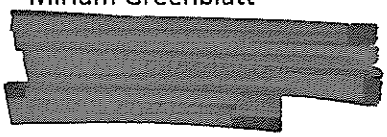
IEPA should also conduct studies on watersheds known to contribute large volumes of phosphorus downstream, like the Chicago and Des Plaines Rivers, to determine what levels of phosphorus these waters can tolerate. These studies should focus on the impacts of various levels of phosphorus on algae and dissolved oxygen levels, and in turn on aquatic life.

I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Miriam Greenblatt



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Susan D. Lannin <sierra@sierraclub.org>
Sent: Wednesday, January 21, 2015 4:59 PM
To: Daniels, Simon
Subject: Nutrient Loss Reduction Strategy Comments

NCRS
PC-211

Jan 21, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

I am concerned about the impacts of excessive phosphorus levels in Illinois waterways. I urge the IEPA to adopt a water quality standard for phosphorus to protect our rivers and streams and the ecosystems they support.

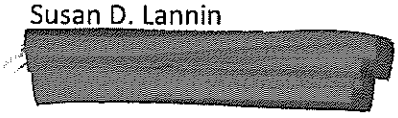
I encourage the IEPA to conduct studies on the Chicago River and the Des Plaines River, both known to contribute large volumes of phosphorus downstream, to determine what levels of phosphorus these waters can tolerate, as well as on other waterways in Illinois. We need to know what impacts various levels of phosphorus have on algae and dissolved oxygen levels, and on aquatic life. As a resident who enjoys walking, biking, and birdwatching along our waterways, as well as boating on the water, I have been dismayed at the ugly, odiferous, and possibly health-threatening clumps of algae I have seen.

Please take these steps to protect our Illinois waterways and to reduce our state's contribution to Gulf Hypoxia. Let's work to eliminate dead zones and to restore/revive native species in and along our waterways.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Susan D. Lannin



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Bryan Johnsrud <sierra@sierraclub.org>
Sent: Wednesday, January 21, 2015 5:26 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-212

Jan 21, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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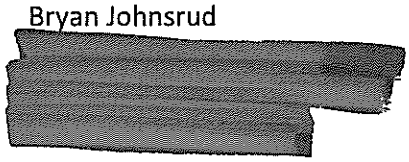
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Bryan Johnsrud



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Elizabeth Story <sierra@sierraclub.org>
Sent: Wednesday, January 21, 2015 5:57 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-23

Jan 21, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Elizabeth Story

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Sonja Chan <sierra@sierraclub.org>
Sent: Wednesday, January 21, 2015 6:51 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-214

Jan 21, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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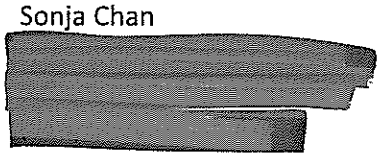
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Sonja Chan



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of William Theisen <sierra@sierraclub.org>
Sent: Wednesday, January 21, 2015 8:04 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-215

Jan 21, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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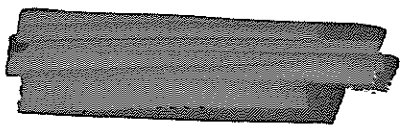
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

William Theisen



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Harrison Bertram <sierra@sierraclub.org>
Sent: Wednesday, January 21, 2015 9:54 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-216

Jan 21, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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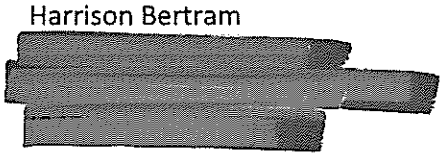
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Harrison Bertram



Daniels, Simon

From: Hawkins, Jodi - NRCS-CD, Marion, IL [redacted]
Sent: Thursday, January 22, 2015 10:20 AM
To: Daniels, Simon
Subject: Comments on IL Nutrient Loss Reduction Strategy
Attachments: 20150122100809456.pdf

Mr. Daniels,

Attached please find a list of comments regarding the proposed IL Nutrient Loss Reduction Strategy. These comments are being submitted on behalf of the Williamson County Soil & Water Conservation District Board of Directors.

NCRS
PC-217

Thank you!

Jodi Hawkins
Administrative Coordinator
Williamson County SWCD
502 Comfort Drive, Suite C
Marion, IL 62959
(618)-993-5396 x.3

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Comments on the Illinois Nutrient Loss Reduction Strategy

Page 4.1 The Comment "improving both local water quality and hypoxic conditions in the Gulf of Mexico were equally weighted when identifying priority watersheds."

Why was this done? If the problem is hypoxic conditions in the Gulf of Mexico, why do we assume improving water quality in lake watersheds to help hypoxic conditions in Gulf of Mexico? The lakes are sediment traps that prevent these problem pollutants from ever reaching the Gulf of Mexico. These watersheds pollute the lakes in Illinois only.

Page 6.2 the comment "Section 319 is a grant program under the Clean Water Act that disburses funds to states with approved non- point source management plans."

Why should watersheds that have old plans (according to EPA) by date only have to update the plans which are a two year process to get 319 money? In this situation the problem has been identified (N and P) pollutants getting to the Gulf of Mexico from Illinois. We have identified the solutions by scientific methods as outlined in this Strategy (the best bmp's to fix the problem). Why do we have to do more planning before we start to work? Let the watersheds who can solve this problem, do it.

Page 6.4 Streambank stabilization and Restoration Program

This is a proven best way to fix the problem. When you stop the pollutants at the sreambank edge of a stream flowing directly into the Mississippi River, you have the best solution to the problem.

Page 6.6 RCPP and MRBI programs listed here.

These programs need more local generated input. Illinois Soil and Water Conservation Districts are the best source to do this. Too much time writing grants to do what we already know needs to be done. Apply the BMP's that have been scientifically determined already. Let Watersheds that can get the work done, do it.

Page 6.10 Talks about buffers.

Strategy needs to identify buffers along streams that flow directly into the Mississippi River and not those who flow into a lake. The lake is a sediment trap that prevents pollutants from reaching the Mississippi River.

Page 6.16 Future Strategic Actions – Expanded Outreach and Education

This section needs to state that a percentage of grants putting conservation on the ground need to do at least 30% of the total dollars in education work. If you give some grants of all education in one watershed and some all project work in another watershed, you will have a disconnect between the two. Landowners installing projects and their neighbors need to be educated about the projects. It's a shame we have to educate people on what is being done, but I believe it has been proven it is necessary. What better place to find someone already working with the people of the watershed than Illinois Soil and Water Conservation Districts.

Daniels, Simon

From: Chad Schutz [redacted]
Sent: Thursday, January 22, 2015 10:38 AM
To: Daniels, Simon
Subject: Comments Supporting the NLRS

NLRS
PC-218

Dear Illinois EPA Comments,

I am an Illinois farmer and a member of Illinois Farm Bureau. I appreciate the Illinois Environmental Protection Agency and Illinois Department of Agriculture's lead in developing the Nutrient Loss Reduction Strategy. As a farmer, I want to make sure the nutrients I apply to my fields are efficiently used by the crops. On my farm, I use best management practices to care for the land and water to preserve both for my future generations. Current efforts by Illinois farmers have helped us learn how to implement practices to reduce nutrient losses, and we are always looking for new ways to improve the way we use nutrients on our farms. I appreciate that the Strategy continues to focus on the use of education, outreach and voluntary, incentive-based practices to address the agricultural issues. Nutrient use and its impact on water quality are complicated, and widespread adoption of necessary best management practices can result from the use of such tools. As a farmer, I take great pride in my work and in caring for the environment. I am committed to the continued use of best management practices to implement the concepts discussed in the Strategy.

Sincerely,

Chad Schutz
[redacted]

Daniels, Simon

From: Steve Hosselton [redacted]
Sent: Thursday, January 22, 2015 10:47 AM
To: Daniels, Simon
Subject: Comments Supporting the NLRS

NLRS
PC-219

Dear Illinois EPA Comments,

I am an Illinois farmer and a member of Illinois Farm Bureau. I appreciate the Illinois Environmental Protection Agency and Illinois Department of Agriculture's lead in developing the Nutrient Loss Reduction Strategy. As a farmer, I want to make sure the nutrients I apply to my fields are efficiently used by the crops. On my farm, I use best management practices to care for the land and water to preserve both for my future generations. Current efforts by Illinois farmers have helped us learn how to implement practices to reduce nutrient losses, and we are always looking for new ways to improve the way we use nutrients on our farms. I appreciate that the Strategy continues to focus on the use of education, outreach and voluntary, incentive-based practices to address the agricultural issues. Nutrient use and its impact on water quality are complicated, and widespread adoption of necessary best management practices can result from the use of such tools. As a farmer, I take great pride in my work and in caring for the environment. I am committed to the continued use of best management practices to implement the concepts discussed in the Strategy.

Sincerely,

Steve Hosselton
[redacted]

Daniels, Simon

From: Wayne Anderson [redacted]
Sent: Thursday, January 22, 2015 10:49 AM
To: Daniels, Simon
Subject: Comments Supporting the NLRS

NLRS
PC-220

Dear Illinois EPA Comments,

I am an Illinois farmer and a member of Illinois Farm Bureau. I appreciate the Illinois Environmental Protection Agency and Illinois Department of Agriculture's lead in developing the Nutrient Loss Reduction Strategy. As a farmer, I want to make sure the nutrients I apply to my fields are efficiently used by the crops. On my farm, I use best management practices to care for the land and water to preserve both for my future generations. Current efforts by Illinois farmers have helped us learn how to implement practices to reduce nutrient losses, and we are always looking for new ways to improve the way we use nutrients on our farms. I appreciate that the Strategy continues to focus on the use of education, outreach and voluntary, incentive-based practices to address the agricultural issues. Nutrient use and its impact on water quality are complicated, and widespread adoption of necessary best management practices can result from the use of such tools. As a farmer, I take great pride in my work and in caring for the environment. I am committed to the continued use of best management practices to implement the concepts discussed in the Strategy.

Sincerely,

Wayne Anderson
[redacted]

Daniels, Simon

NLRS
PC-221

From: Dale Hadden [redacted]
Sent: Thursday, January 22, 2015 10:56 AM
To: Daniels, Simon
Subject: Comments Supporting the NLRS

Dear Illinois EPA Comments,

I am an Illinois farmer and a member of Illinois Farm Bureau. I appreciate the Illinois Environmental Protection Agency and Illinois Department of Agriculture's lead in developing the Nutrient Loss Reduction Strategy. As a farmer, I want to make sure the nutrients I apply to my fields are efficiently used by the crops. On my farm, I use best management practices to care for the land and water to preserve both for my future generations. Current efforts by Illinois farmers have helped us learn how to implement practices to reduce nutrient losses, and we are always looking for new ways to improve the way we use nutrients on our farms. I appreciate that the Strategy continues to focus on the use of education, outreach and voluntary, incentive-based practices to address the agricultural issues. Nutrient use and its impact on water quality are complicated, and widespread adoption of necessary best management practices can result from the use of such tools. As a farmer, I take great pride in my work and in caring for the environment. I am committed to the continued use of best management practices to implement the concepts discussed in the Strategy.

Sincerely,

Dale Hadden
[redacted]

Daniels, Simon

From: Dirk Rice [redacted]
Sent: Thursday, January 22, 2015 11:20 AM
To: Daniels, Simon
Subject: INLRS Comment

NLRS
PC-222

I am writing to voice my support for the ILEPA's Nutrient Loss Strategy. I believe strongly that a voluntary strategy is the best approach. It will be much less expensive for the state than a mandatory program that would require a large regulatory budget and be very unpopular with those tasked with making it work. Our state's agricultural landscape is very diverse and a one size fits all set of rules would not work for large parts of our state. I am a farmer in east central Illinois and on our farm we have used the latest conservation techniques for generations. I have been working with cover crops for three years now. Learning how to make the whole process work takes years of trial and error but I am committed to making it work, for both the environmental benefits as well as economic. I am confident that given time and information about which practices are most effective on an individual operators farm the vast majority will make the changes necessary to keep more of the nutrients that represent a major expense on our farms in place.
Sent from my iPad

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Landon Petrie <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 11:46 AM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-223

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

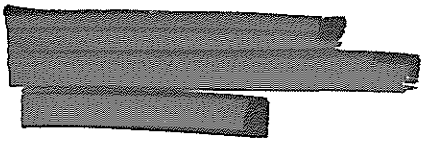
IEPA should also conduct studies on watersheds known to contribute large volumes of phosphorus downstream, like the Chicago and Des Plaines Rivers, to determine what levels of phosphorus these waters can tolerate. These studies should focus on the impacts of various levels of phosphorus on algae and dissolved oxygen levels, and in turn on aquatic life.

I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Landon Petrie



Daniels, Simon

From: Downin, Kara - NRCS-CD, Galesburg, IL <Kara.Downin@il.nacdnet.net>
Sent: Thursday, January 22, 2015 12:35 PM
To: Daniels, Simon
Cc: Mottaz, Ted [redacted] Kelly Thompson (kelly.thompson@aiswcd.org); llurkins@ilfb.org; Breckenridge, Richard
Subject: Nutrient Loss Reduction Strategy public review/comment

NLRS
PC - 224

Simon,

I have listed my comments below on the INLRS version Nov. 2014. To give you some background on this topic, some IL Soil and Water Conservation Districts were stressed about being adequately included in this document. I am currently Co-Chair of our Employee Association, so I was proofing this with a fine-toothed comb, so you will see that most of my comments are in regards to SWCDs. Please let me know if you have any questions, or if I can explain myself further.

Here's my comments;

- Page 3.31 buffers are described. Did the committee consider Saturated Buffers? It is not even mentioned in the document. This is currently a Conservation Drainage practice.
- Page 3.34 discusses the IDOA Transect Survey. Not sure if is listed, or if it matters, but the survey is ran every 2-3 years or so. It is certainly not a one-time only (2011) workload.
- Does Chapter 5 (page 5.1) include nutrients from golf courses? I did not see that "golf" was even mentioned in the documents.
- Page 6.2, CREP, does not mention that SWCDs administer the easements at the local offices and also promotes the program. Not sure why IDNR does not mention SWCDs partnership anywhere in their section on CREP (they mention "partners", but perhaps the "partners" should be spelled out like all other included program partners are within this document).
- Page 6.4 + SWCDs partner with NRCS and assist in and/or promote most, if not all, of their federal programs (EQIP, CSP, Easement programs, NRI, etc.)
- Page 6.6, RCPP results are out. Do you want to update this section with the first round of approvals?
- Page 7.3 lists the SSRP program. However, it is also listed on Page 6.4 (and rightfully so). I think 7.3 is a duplicate/typo, but perhaps the committee wanted this printed twice.
- Page 9.5, SSRP paragraph, this program is also in cooperation with IL SWCDs.
- Page 9.5, Soil Conservation Transect Survey section, the survey is not conducted BY IDOA. It is an IDOA program that SWCDs conduct. IDOA might assist or train.
- Page 9.8, Nutrient Monitoring Council, "comprised of... agricultural groups." Which ag groups? Please spell out who you want included, just as other agencies are spelled out above.
- Page 9.9, Adaptive Management, perhaps this has already been heavily discussed, but reviewing the document once in 5 years seems like a stretch. I would recommend to consider once every 2 years, with how state and federal budgets change and programs come and go.
- May 2014 DRAFT, p.55 "Regulatory Authorities" paragraph describes that there are currently 22 soil and water conservation districts that are partnered with IEPA to conduct General NPDES inspections within their counties and this whole section is not included in the draft open for review now. The work being done by SWCDs in the urban sector is important to include and also expand upon for future nutrient reductions. There are 97 Districts and only 22 have an IEPA Agreement to do this work. Much could be improved upon, get staff certified, trained, etc.

Thank you for your time,

Kara Downin, MS, CPESC
Resource Conservationist
ISWCDEA RC Co-Chair

Knox County Soil & Water Conservation District
233 S. Soangetaha Rd.
Galesburg, IL 61401

Phone: (309)342-5714 ext. 116
Fax: (855)289-5179

http://knoxcountyswcd.tripod.com/

From: il.all [mailto:il.all-bounces+kara.downin=il.nacdnet.net@aiswcd.org] **On Behalf Of** Kelly Thompson
Sent: Tuesday, November 25, 2014 3:28 PM
To: Downin, Kara - NRCS-CD, Galesburg, IL
Cc: kirbyfarms@yahoo.com; il.all@aiswcd.org
Subject: [il.all] FW: Nutrient Loss Reduction Strategy public review/comment period begins today

Good afternoon all:

The Nutrient Loss Reduction Strategy is now available for public comment until January 24, 2014. The link is provided below. AISWCD will also post the link on their website and Facebook page.

If you have any questions please let us know.

Thanks!

Kelly Thompson
Executive Director

AISWCD
4285 N. Walnut Street Road
Springfield, IL 62707
(217) 744-3414
www.aiswcd.org | Facebook | IL Urban Manual

From: Willhite, Marcia [mailto:Marcia.Willhite@Illinois.gov]
Sent: Tuesday, November 25, 2014 11:18 AM
Subject: Nutrient Loss Reduction Strategy public review/comment period begins today

Nutrient Loss Reduction Strategy Policy Work Group members:

Starting today, the draft Nutrient Loss Reduction Strategy is available for public review and comment for 60 days (through January 24, 2015). The news release (attached) has just gone out. The link for the website is www.epa.state.il.us/water/nutrient/nlrs.html where the public can review the draft document . Comments can be

submitted electronically or in hard copy. Please feel free to share the website link through whatever method is most effective in reaching your colleagues.

Thank you again for your participation in the process of identifying actions to this point. Illinois EPA and Illinois Department of Agriculture will continue to rely on your input and involvement as the document is finalized, but most importantly, as implementation begins.

Marcia T. Willhite
Chief, Bureau of Water
Illinois Environmental Protection Agency
1021 North Grand Ave. East
Springfield, Illinois 62794
(217) 782-1654
marcia.willhite@illinois.gov

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Daniels, Simon

From: Caroline Wade <cwade@illinoiscbmp.org>
Sent: Thursday, January 22, 2015 12:52 PM
To: Daniels, Simon
Subject: FW: Comment on NLRS

NLRS
PC - 225
Flip over Page

Simon,

Below is a letter that one of our elderly members is trying to submit on the NLRS. I thought I would try forwarding for her.

Thanks,

Caroline Wade
Nutrient Watershed Manager
Illinois Corn Marketing Board
14129 Carole Drive
Bloomington, IL 61705
mobile: 309-231-7440
cwade@ilcorn.org
www.ilcorn.org

From: Hazel Pate [redacted]
Sent: Thursday, January 22, 2015 12:12 PM
To: Caroline Wade
Subject: RE: IL Corn's Nutrient Watershed

Caroline:

I tried his email but was unsuccessful in sending this. Thank you.

Hazel

From: Caroline Wade [mailto:cwade@illinoiscbmp.org]
Sent: Thursday, January 22, 2015 10:13 AM
To: Hazel Pate
Cc: Tricia Braid
Subject: RE: IL Corn's Nutrient Watershed

Hazel,

Thank you for your letter! If you have not submitted this to Illinois EPA, please send your letter to Simon Daniels directly - either email to Simon.Daniels@illinois.gov or snail mail to:
NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water,
1021 North Grand Ave. East
P.O. Box 19276
Springfield, IL 62794-9276

Thanks,
Caroline Wade
Nutrient Watershed Manager
Illinois Corn Marketing Board
Illinois Council on Best Management Practices
309-231-7440

sent from my Verizon Wireless 4G LTE smartphone

NLRS
PC-225

-------- Original message --------
From: Hazel Pate
Date:01/22/2015 9:53 AM (GMT-06:00)
To: Caroline Wade
Subject: IL Corn's Nutrient Watershed

RE: Illinois Nutrient Loss Reduction Strategy

I am an [redacted] Active as a farmer in addition to working for a huge farming operation daily from 7:00 a.m. to 4:00 p.m. Being active in all aspects of these farming operations, I can personally attest to certain facts. It is my personal desire to make environmentally conscious choices. In my opinion a voluntary program is adequate and I endorse this.

Respectfully submitted,

Hazel A. Pate

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Mary Mathews <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 1:52 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC -226

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Mary Mathews
[redacted]

Daniels, Simon

NCRS
PC-227

From: Rodriguez, Angela <ARodriguez@ilfb.org>
Sent: Thursday, January 22, 2015 4:04 PM
To: Daniels, Simon
Cc: Larson, Andrew
Subject: NLRS Comments
Attachments: NLRS Comments from Roundtable.docx

Hello Simon,

Please see the following attachment regarding Nutrient Loss Reduction Strategy Comments from the Illinois Agriculture Legislative Roundtable.

Thank you,

Angela Rodriguez,
Andrew Larson,
Administrative Assistants
Illinois Farm Bureau
Governmental Affairs & Commodities Division
1701 N Towanda Ave
Bloomington, IL 61701
(P) 309-557-3554 (F) 309-557-3729

Illinois Agricultural Legislative Roundtable

January 20, 2015

NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Ave. East
P.O. Box 19276
Springfield, IL 62794-9276

RE: Comments on Illinois Nutrient Loss Reduction Strategy

The Illinois Agricultural Legislative Roundtable (IALR) appreciates the opportunity to comment on the Illinois Nutrient Loss Reduction Strategy.

As a coalition of Illinois agricultural groups in discussing issues in common to Illinois agriculture, we are grateful for the commitment of the Illinois Environmental Protection Agency and the Illinois Department of Agriculture to engage a diverse group of stakeholders in the strategy process. The continued engagement with the working groups outlined in the strategy is also critical in evaluating on-going efforts to achieve long term solutions.

The goal to improve the quality of water leaving the state and entering the Gulf of Mexico can be achieved with continued implementation of voluntary, science-based Best Management Practices (BMPs). Enhanced outreach and education identified in the strategy will build upon agriculture's existing efforts to reduce nutrient losses. Increased collaboration, research and innovation will also help to further enhance conservation and nutrient management efforts within our industry.

Thank you for the opportunity to comment and for the collaboration and leadership.

Respectfully,

Growmark®
Illinois Corn Growers Association
Illinois Farm Bureau
Illinois Pork Producers Association
Illinois Specialty Growers Association
Illinois Society of Professional Farm Managers and Rural Appraisers
Illinois Soybean Growers Association
Illinois Wheat Association
Illinois Seed Trade Association
College of Agricultural, Consumer, and Environmental Sciences – University of Illinois

Illinois Agricultural Legislative Roundtable

NLRS
~~PC-978~~
PC-227

January 20, 2015

RECEIVED
JAN 27 2015
BUREAU OF WATER
BUREAU CHIEF'S OFFICE

NLRS Comments
Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Ave. East
P.O. Box 19276
Springfield, IL 62794-9276

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Respectfully,

Growmark®
Illinois Corn Growers Association
Illinois Farm Bureau
Illinois Pork Producers Association
Illinois Specialty Growers Association
Illinois Society of Professional Farm Managers and Rural Appraisers
Illinois Soybean Growers Association
Illinois Wheat Association
Illinois Seed Trade Association
College of Agricultural, Consumer, and Environmental Sciences – University of Illinois

ILLINOIS FARM BUREAU
Farm. Family. Food.™

ILLINOIS AGRICULTURAL ASSOCIATION
1701 Towanda Avenue • P.O. Box 2901
Bloomington, Illinois • 61702-2901

CHAMPAIGN IL 618
22 JAN 2015 PM 2 T

FIRST CLASS MAIL
ZIP 61702
011D1260202

Illinois Environmental Protection Agency
Bureau of Water
Re: NLRS Comments
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

62794$9276

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Maria Gonzalez <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:30 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-228

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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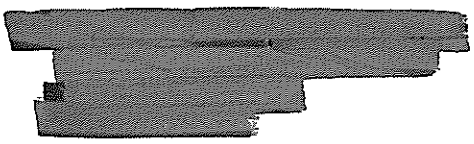
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Maria Gonzalez



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Dawn Champley <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:30 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-229

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Dawn Champley

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Marlene Donnelly <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:31 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
RC-230

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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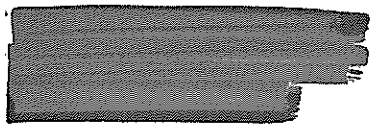
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Marlene Donnelly



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Tony Gray <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:31 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-231

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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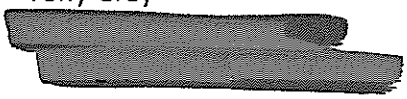
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Tony Gray



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Jerry Skovie <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:31 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-232

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Sincerely,

Jerry Skovie
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Matt Nimnicht <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:32 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-233

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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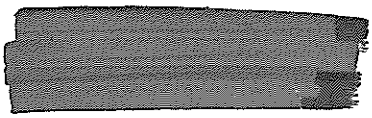
Sincerely,

Matt Nimnicht



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Jennifer Kay <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:32 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-234

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Jennifer Kay

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Megan Warren <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:29 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-235

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Megan Warren

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Kelly Bauer <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:29 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-236

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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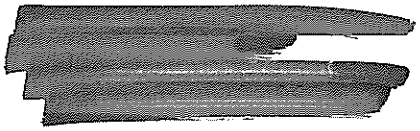
Sincerely,

Kelly Bauer



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of David Ziegler <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:33 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-237

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Sincerely,

David Ziegler
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Jill Wettersten <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:36 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-238

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Jill Wettersten
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Teresa Safron <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:37 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-239

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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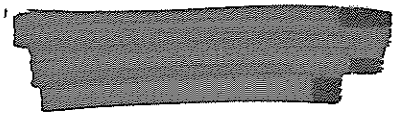
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Teresa Safron



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Barry Rabichow <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:37 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-240

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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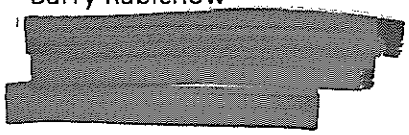
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Barry Rabichow



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Barrett Goldflies <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:37 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-24

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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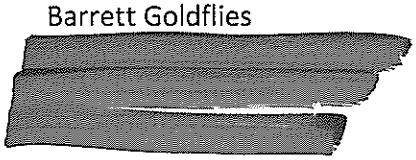
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Barrett Goldflies



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Sue Meyers <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:37 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-242

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Sue Meyers
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Kerry Kuhn <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:39 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-243

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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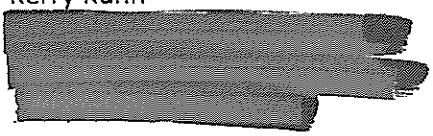
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Kerry Kuhn



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Sasha Lyubashevsky <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:41 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-244

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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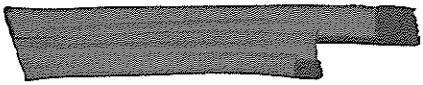
Sincerely,

Sasha Lyubashevsky



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Stephanie Klenotich <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:41 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-245

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

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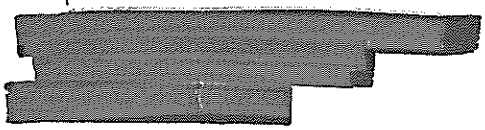
Sincerely,

Stephanie Klenotich



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Christopher Devine <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:42 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-246

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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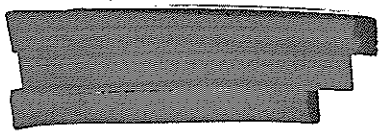
Christopher Devine



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Mark Grotzke <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:44 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-217

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

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Sincerely,

Mark Grotzke

[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Christy Kurtz <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:44 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-248

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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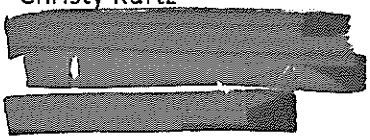
Sincerely,

Christy Kurtz



Daniels, Simon

From: Markus, Momcilo <mmarkus@illinois.edu>
Sent: Thursday, January 22, 2015 4:45 PM
To: Daniels, Simon
Subject: Illinois Nutrient Reduction Strategy - Public Comments
Attachments: PUBLIC COMMENT.pdf

NLRS
PC-249

Dear Simon,

I have been told that you collect public comments for the Illinois Nutrient Reduction Strategy. My comments are attached. Please let me know if your address is the right address for such comments. Thank you.

Momcilo

Dr. Momcilo Markus, C.E.
Hydrologist, Illinois State Water Survey, Prairie Research Institute
Adjunct Associate Professor, Department of Natural Resources and Environmental Sciences
Assistant Professor, Department of Agricultural and Biological Engineering
University of Illinois at Urbana-Champaign
2204 Griffith Dr., Champaign, IL61820
Email: mmarkus@illinois.edu Phone: 217-333-0237 Fax: 217-333-2304

ILLINOIS STATE WATER SURVEY
PRAIRIE RESEARCH INSTITUTE

ILLINOIS

Comments on Illinois "Illinois Nutrient Reduction Strategy" by Momcilo Markus

January 22, 2015

Climate is the most important natural driver for nutrient loadings in the Mississippi River watershed. Wet years typically have high nutrient loadings, and vice versa. Nonetheless, all the studies on reduction of nutrients consider deterministic single-number goals, without regards to the climate variability. Consequently, it is possible that the reduction goals are achieved as a result of a sequence of dry years, and not necessarily as a result of land management (such as implementation of BMPs). For example, if the next 10 years happen to be dry, the loads for the 2015-2025 period will be small and we will meet or even exceed the nutrient reduction goals. Similarly, if the next 10 years are wet, we will likely fail to meet these goals. Thus, the nutrient reduction goals need to be expanded by incorporating climate change.

Adding the past observed climate variability in a probabilistic fashion to the nutrient reduction goals along with land management practices would provide probabilities of achieving nutrient goals for a range of possible climate sequences. A hypothetical example illustrating this approach is shown in Figure 1.

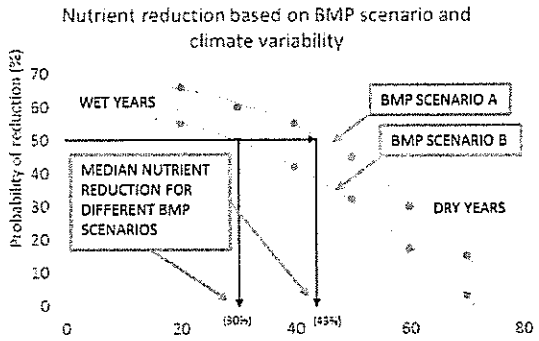


Figure 1 Probability of meeting the nutrient reduction goal as a function of climate (dry/wet) and land management (BMP)

More importantly, this component also would enable the design of a probability-based method to verify if the nutrient goals have been achieved.

Numerous climate models indicate that the extreme storm events (and thus the extreme riverine loadings) will increase in the future. Adding the climate change component to the nutrient reduction goals for several key scenarios would provide a range of possible future riverine loadings. An illustration of probabilities of achieving the reduction goal of 45% for past, observed climate and future projected climate are illustrated in Figure 2.

The climate-based uncertainty around the specific nutrient reduction goals needs to be determined and communicated to the natural resources managers for both past and future climates.

For the above considerations, it is necessary to include experts on climate statistics and analytics, hydroclimatology and agricultural system analysis in the team of scientists who will study this complex issue and who will also provide practical and feasible ways to reduce nutrients in Illinois and beyond.

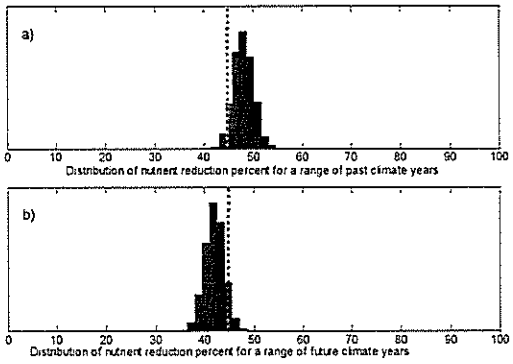


Figure 2 Illustration of the probabilistic approach. The red dashed line shows the target goal of 45%. The histograms show a climate-based probability distribution of meeting the goals for a) past, and b) future climate.

Dr. Momcilo Markus
mmarkus@illinois.edu

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Watler Pozywio <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:29 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-250

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Watler Pozywio
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Ronald Naversen <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:29 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-257

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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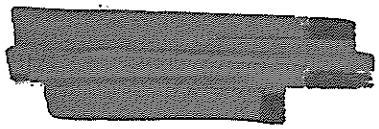
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Ronald Naversen



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Linda Cramer <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:30 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-252

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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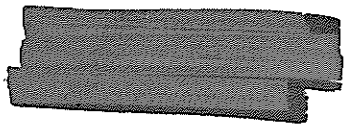
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Linda Cramer



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Leigh Kunkel <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:29 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-253

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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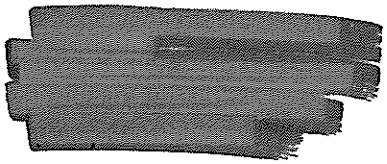
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Leigh Kunkel



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Todd LaBounty <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:30 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-254

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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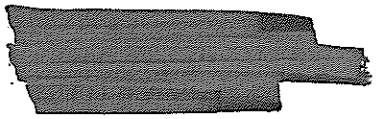
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Todd LaBounty



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Daniel Roberts <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:30 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-255

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Daniel Roberts

[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Jane Tuchscherer <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:33 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC- 256

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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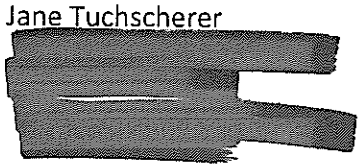
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Jane Tuchscherer



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Lisa Sons <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:36 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-257

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Lisa Sons
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Ann Blanchard <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:31 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-258

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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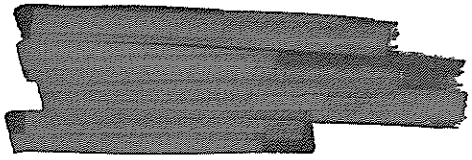
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Ann Blanchard



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Stacey Hendr <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:36 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-259

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Stacey Hendr

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Jim Lamb <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:32 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-260

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Sincerely,

Jim Lamb

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Janice and James Duplex <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:29 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-26

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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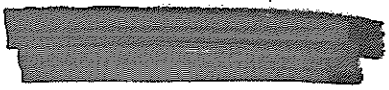
Sincerely,

Janice and James Duplex



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of mark gillono <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:43 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-262

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

mark gillono

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Judith Riddell <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:34 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-263

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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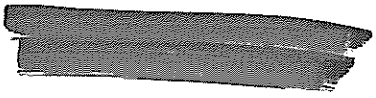
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Judith Riddell



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Wendy Burgess <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:45 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-264

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Wendy Burgess
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Orly Shaker <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:30 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC - 265

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Orly Shaker

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Janice Flandreau <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:35 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-266

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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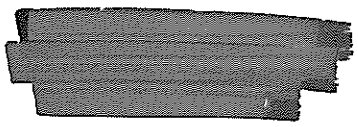
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Janice Flandreau



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Victoria Fuller <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:46 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-267

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Victoria Fuller

[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Brian Mcfarland <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:36 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-268

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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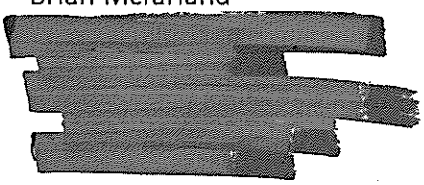
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Brian Mcfarland



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Rich Miller <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:30 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-269

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Rich Miller

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Marie Foley <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:46 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-270

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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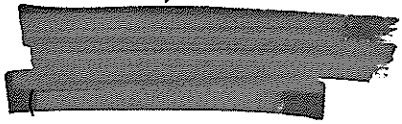
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Marie Foley



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Deborah Labb <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:29 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-271

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Deborah Labb

[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Rich Feit <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:36 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-272

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Rich Feit

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Maynard Jerome <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:31 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-273

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Maynard Jerome

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Valerie Bollini <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:48 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-274

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Valerie Bollini

[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of John Petricek <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:31 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-275

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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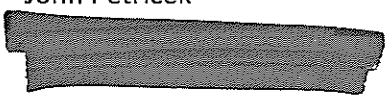
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

John Petricek



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Ross Schennum <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:36 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-276

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Ross Schennum
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Jenifer Papaccio <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:52 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-272

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Jenifer Papaccio

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Dan Pepin <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:34 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-278

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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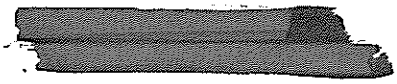
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Dan Pepin



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Lawrence Brault <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:37 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-279

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Lawrence Brault

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Michael Rynes <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:33 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
pc-280

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Michael Rynes
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Mike Dudley <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:35 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-281

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Mike Dudley
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of S. Hohl <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:33 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC - 282

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

S. Hohl
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Georgia Shankel <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:38 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-283

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Georgia Shankel
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Mark Anderson <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:53 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-284

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Mark Anderson

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Peter Schafer <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:38 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-295

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Peter Schafer

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Gillian Suess <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:36 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-286

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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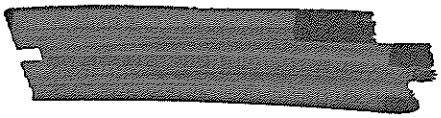
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Gillian Suess



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Suzy Eich <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:43 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-287

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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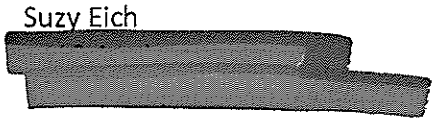
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Suzy Eich



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Eugene Chin <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:56 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-288

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Eugene Chin

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of ed kucera <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:38 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-289

Jan 22, 2015

Mr. Simon Daniels IEPA
JL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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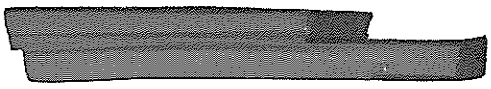
Sincerely,

ed kucera


Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Charles Bialeschki <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:44 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-290

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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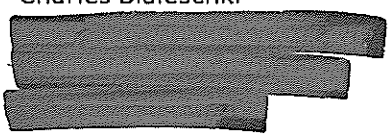
Sincerely,

Charles Bialeschki



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Nancy Castle <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:43 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-291

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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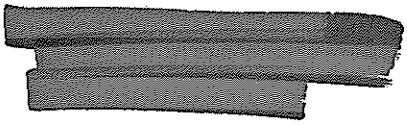
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Nancy Castle



Daniels, Simon

From:	Sierra Club <katrina.phillips@sierraclub.org> on behalf of Abbey Schumacher <sierra@sierraclub.org>
Sent:	Thursday, January 22, 2015 4:57 PM
To:	Daniels, Simon
Subject:	NLRS Comments

NLRS
PC-292

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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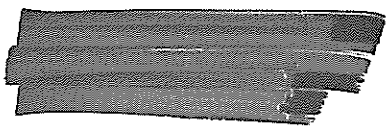
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Abbey Schumacher



Daniels, Simon

From:	Sierra Club <katrina.phillips@sierraclub.org> on behalf of Deb Ogilvie <sierra@sierraclub.org>
Sent:	Thursday, January 22, 2015 4:52 PM
To:	Daniels, Simon
Subject:	NLRS Comments

NLRS
PC-293

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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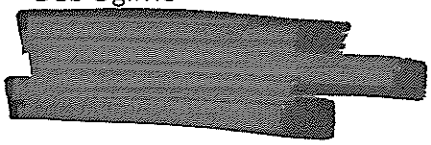
Sincerely,

Deb Ogilvie



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of james Haba <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:47 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-294

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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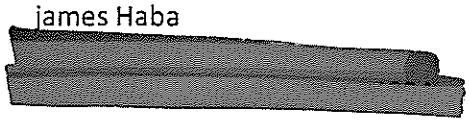
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

james Haba



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Susan Turner <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:46 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-295

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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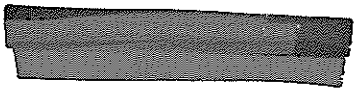
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Susan Turner


Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Kristin Miller <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:51 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-296

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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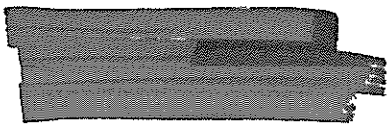
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Kristin Miller



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Jennifer Davis <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:46 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-297

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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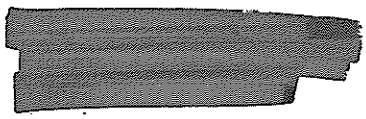
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Jennifer Davis



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Bob Lichtenbert <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:00 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-28

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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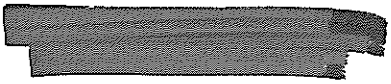
Sincerely,

Bob Lichtenbert



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of K Dipinto <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:52 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-299

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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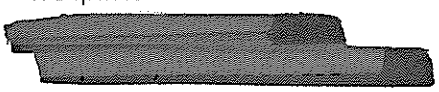
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

K Dipinto



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Susan Spengler <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:46 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-300

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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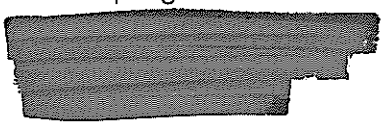
Sincerely,

Susan Spengler



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Heather Richardson <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:00 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-302

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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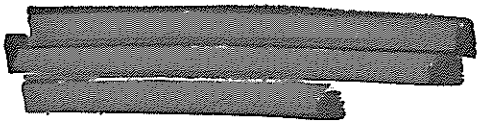
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Heather Richardson



Daniels, Simon

From:	Sierra Club <katrina.phillips@sierraclub.org> on behalf of Tracy Drake <sierra@sierraclub.org>
Sent:	Thursday, January 22, 2015 4:52 PM
To:	Daniels, Simon
Subject:	NLRS Comments

NLRS
PC-303

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Tracy Drake
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Michael Williams <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:46 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-304

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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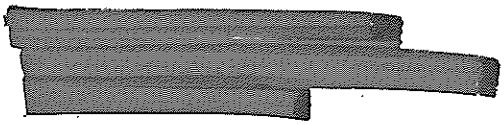
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Michael Williams



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Maureen Hanlon <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:11 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-305

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Maureen Hanlon

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Richard Seitz <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:53 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-306

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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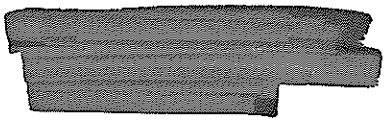
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Richard Seitz



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Marianne Neill <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:53 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-307

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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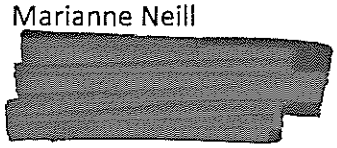
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Marianne Neill



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Dorien Zaricor <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:47 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-308

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Dorien Zaricor
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of n jackson <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:12 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-39

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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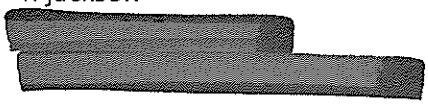
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

n jackson



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of James Petersen <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:56 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-310

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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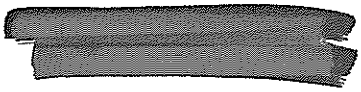
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

James Petersen


Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Jeff Goll <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:55 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-311

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Jeff Goll

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Brien Comerford <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:47 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-312

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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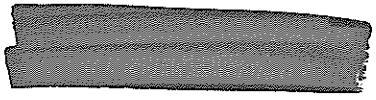
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Brien Comerford



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Jennifer Adams <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:14 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-313

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

I have seen algae in our neighborhood pond and even in standing water in our drainage ditches! I'm not sure if they are related, but we have received warnings about high levels of Nitrates in our community wells!
The water in Illinois is clearly in trouble. You must act act now, it may already be too late....

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution.
Thank you for your attention on this matter.

Sincerely,

Jennifer Adams

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Howard Mock <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:58 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-314

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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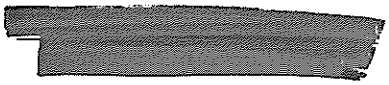
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Howard Mock



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Diane Vandiver <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:56 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-375

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Diane Vandiver
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Hannah Wend <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:47 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-316

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Sincerely,

Hannah Wend

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Pamela Richardson <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:23 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-317

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Pamela Richardson

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Robert Puchli <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:59 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-318

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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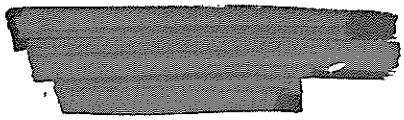
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Robert Puchli



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Brandon Volpe <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:56 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-319

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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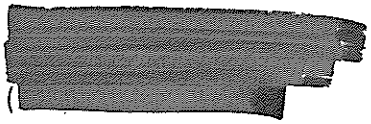
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Brandon Volpe



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Jacqueline Glass <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:47 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-320

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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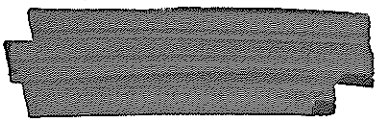
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Jacqueline Glass



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Kevin McKelvie <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:25 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-321

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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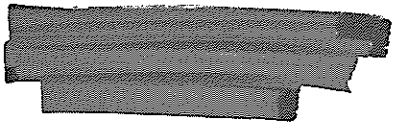
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Kevin McKelvie



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Darrel Bruck Jr. <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:02 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-322

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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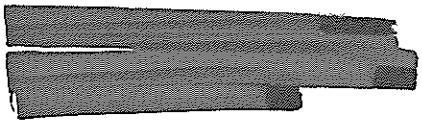
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Darrel Bruck Jr.



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Andrea Breath <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:00 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-323

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Andrea Breath

[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Cindy Moczarney <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:03 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-324

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Cindy Moczarney
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Kristin Mathis <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:24 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-325

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Kristin Mathis

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Todd Cisna <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:04 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-326

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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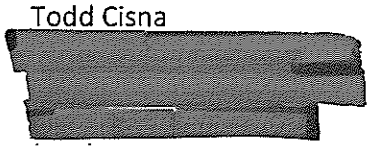
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Todd Cisna



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Carol Laurencell <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:49 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-327

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Carol Laurencell
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of David & Becky Olson <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:29 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-328

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

David & Becky Olson

[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of June Hershey <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:05 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-329

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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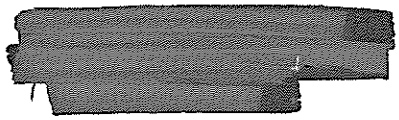
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

June Hershey



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Janet Mroczek <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:50 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-330

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Janet Mroczek

[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Katharine Egan <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:51 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-331

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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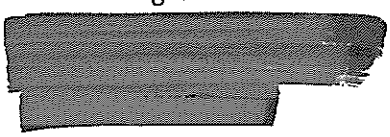
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Katharine Egan



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of David Mizerka <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:11 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-332

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

David Mizerka
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Peter Schultz <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:52 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-333

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

It is important if not crucial that Illinois do its part to reduce the pollution of our rivers and those rivers that we are tributary to .Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Peter Schultz

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Katherine Wuthrich <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:11 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-334

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

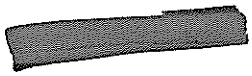
I feel that Illinois is under attack. We will be fracking soon and along with run off from agriculture we do not need extra nitrogen and phosphorous in our waters. Pleas help us develop a strong nutrient reduction strategy that will curb these nutrients from hurting our water, fish and wildlife.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Katherine Wuthrich

[redacted]



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Meredith West <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:52 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-335

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Meredith West

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Constance Pennington <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:21 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-336

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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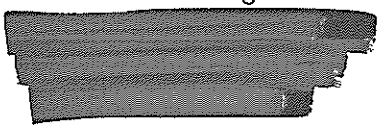
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Constance Pennington



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Phyllis Bleck <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:54 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-337

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Phyllis Bleck

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of PHILIP S SALISBURY <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:23 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-338

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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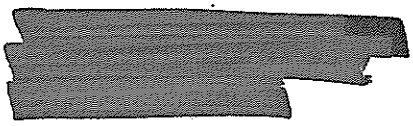
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

PHILIP S SALISBURY



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Joy Bunton <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:57 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-339

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States. Thanks.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Joy Bunton

[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Rita Kain <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:24 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-340

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Rita Kain

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Mike Anderson <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:57 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-341

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Mike Anderson
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Linda Townill <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:00 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
#C-342

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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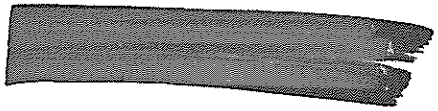
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Linda Townill



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Mary Davidson Stanton <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:01 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-347

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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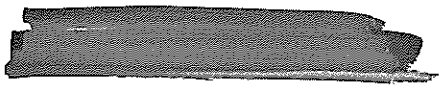
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Mary Davidson Stanton



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Cindy Hoyle <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:30 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-349

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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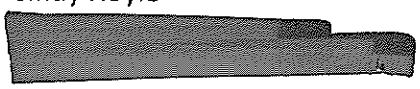
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Cindy Hoyle



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Ronald Stone <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:02 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-345

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Ronald Stone
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Ted Stone <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:32 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-346

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

[redacted]

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Ted Stone

[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of mary camardo <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:02 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-347

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

mary camardo
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Janice Lodato <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:35 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-348

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Janice Lodato

[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Edgar Bosque <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:03 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-349

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Edgar Bosque

[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Wesley Wolf <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:36 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
RC-350

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Wesley Wolf
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Robert Chimis <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:03 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
RC-351

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Robert Chimis

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Anthony Concialdi <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:36 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-352

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Anthony Concialdi

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Diane Fascione <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:04 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-353

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Diane Fascione
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Mary MacGregor <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:05 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-35

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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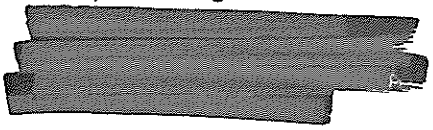
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Mary MacGregor



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Ann Raven <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:37 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-355

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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As an IL resident, I am very concerned about our water. Please clean it up for the health of everyone. Thank you.

IEPA should also conduct studies on watersheds known to contribute large volumes of phosphorus downstream, like the Chicago and Des Plaines Rivers, to determine what levels of phosphorus these waters can tolerate. These studies should focus on the impacts of various levels of phosphorus on algae and dissolved oxygen levels, and in turn on aquatic life.

I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Ann Raven

[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of James Arneberg <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:05 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-356

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

James Arneberg
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Russ Wagner <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:38 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-357

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Russ Wagner
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of John Moore <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:06 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-358

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

John Moore

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of S Israil <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:38 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-359

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

S Israil

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Anthony Jasaitis <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:39 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-360

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Anthony Jasaitis

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Lorri Francis <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:06 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-361

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Lorri Francis
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Jennifer Worrell <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:39 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-362

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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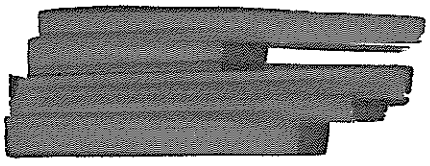
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Jennifer Worrell



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of bill smith <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:11 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-363

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

bill smith

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Lauren Reifman <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:39 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-364

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Lauren Reifman

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Diane Janicki <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:11 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
RC-365

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Diane Janicki

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Marcy Gustafson <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:40 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-366

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Marcy Gustafson
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Lana Hampton <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:11 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-367

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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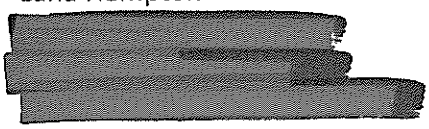
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Lana Hampton



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Steve Wanninger <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:14 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-368

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Steve Wanninger
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of David Sher <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:52 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
RC-369

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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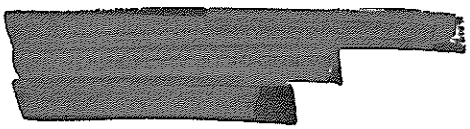
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

David Sher



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Lou Illes <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:15 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-370

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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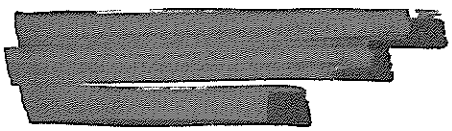
Sincerely,

Lou Illes



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Ellen Domke <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:32 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-371

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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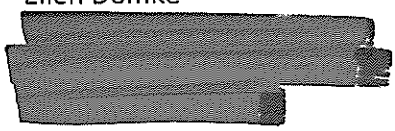
Sincerely,

Ellen Domke



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Susan Mendelsohn <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:08 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-372

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Susan Mendelsohn
[redacted]

Daniels, Simon

From:	Sierra Club <katrina.phillips@sierraclub.org> on behalf of Steven Taylor <sierra@sierraclub.org>
Sent:	Thursday, January 22, 2015 5:18 PM
To:	Daniels, Simon
Subject:	NLRS Comments

NLRS
PC-373

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Steven Taylor
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Mary Barbezat <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:10 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-374

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

The good health of our waterways is vitally important to me as an Illinois resident dependent upon the Fox River and aware of the interconnected nature of life in the Prairie State.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Mary Barbezat
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Valjean Lueking <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:21 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-375

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Valjean Lueking
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Kristin Dubovsky <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:11 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-376

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Kristin Dubovsky

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Kathryn VanOosting <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:22 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-377

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

This winter there has been way too much loss of natural habitat surrounding fields and along road ways in Southern Illinois. This is not progress or responsible farming or utility company practices. Water sheds are affected by this loss of habitat. Also the use of GMOs demand massive amounts of herbicides and pesticides and then in turn requires massive amounts of fertilizers. There have been numerous independent studies done that prove that GMOs don't work and are creating dead zones in our rural areas. Enough study has been done to make changes in policies for responsible soil and water conservation. We don't need anymore green slime plumes in Lake Erie or any other pond or lake.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Kathryn VanOosting
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of William Neill <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:16 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-378

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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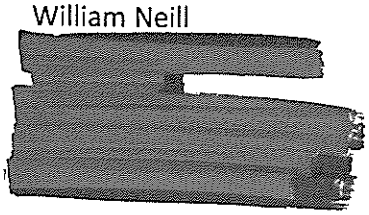
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

William Neill



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Rick Canning <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:22 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-378

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Rick Canning
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Marc Jauhiainen <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:23 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC - 380

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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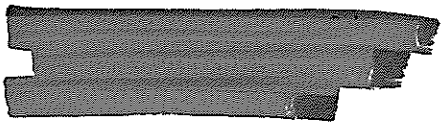
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Marc Jauhiainen


Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Carol Jurczewski <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:24 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-381

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

**PLEASE PROTECT THE WATERWAYS FROM EXCESSIVE PHOSPHOROUS!

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Carol Jurczewski

[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Robert Kennedy <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:25 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-382

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Robert Kennedy

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of S Grenzow <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:27 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-383

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

S Grenzow

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Judy Dufficy <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:30 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-324

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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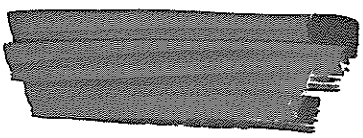
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Judy Dufficy



Daniels, Simon

From:	Sierra Club <katrina.phillips@sierraclub.org> on behalf of Monica Randell <sierra@sierraclub.org>
Sent:	Thursday, January 22, 2015 5:31 PM
To:	Daniels, Simon
Subject:	NLRS Comments

NLRS
PC-395

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Monica Randell

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Meredith Tucker <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:35 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-388

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Meredith Tucker

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Lucy DeLap <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:35 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-389

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Lucy DeLap

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Susan Fleming <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:36 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
RC-390

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Susan Fleming

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Liz Clark <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:39 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-391

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Liz Clark

[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Bethanne Portala-Dean <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:39 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-39

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Bethanne Portala-Dean

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Barbara Robertson <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:39 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-383

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Barbara Robertson

[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Connie Steinhoff <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:43 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-394

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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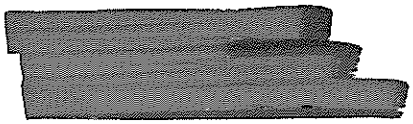
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Connie Steinhoff



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Doe Crosh <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:44 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS

PC-395

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

IEPA should also conduct studies on watersheds known to contribute large volumes of phosphorus downstream, like the Chicago and Des Plaines Rivers, to determine what levels of phosphorus these waters can tolerate. These studies should focus on the impacts of various levels of phosphorus on algae and dissolved oxygen levels, and in turn on aquatic life.

I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Doe Crosh

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Debbie Jognson <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:02 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC - 396

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Debbie Jognson
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Sara Stone <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:07 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
RC-397

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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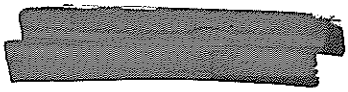
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Sara Stone



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Carol Johnson <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:08 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-378

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Carol Johnson
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of robert lifson <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:10 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-397

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

robert lifson

Daniels, Simon

From:	Sierra Club <katrina.phillips@sierraclub.org> on behalf of Nancy Brandt <sierra@sierraclub.org>
Sent:	Thursday, January 22, 2015 5:33 PM
To:	Daniels, Simon
Subject:	NLRS Comments

NLRS
PC-900

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Too many nutrients have caused serious damage, as you know. But we need to act more boldly and more quickly than the current plan allows.

IEPA should conduct studies on watersheds known to contribute large volumes of phosphorus downstream, like the Chicago and Des Plaines Rivers, to determine what levels of phosphorus these waters can tolerate. These studies should focus on the impacts of various levels of phosphorus on algae and dissolved oxygen levels, and in turn on aquatic life.

Gulf Hypoxia is the second largest hypoxic zone in the world! And the largest hypoxic zone currently affecting the United States!

With your leadership, we can play an integral part in correcting that.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Nancy Brandt

[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Kristin Maurelia <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:10 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-#1

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Kristin Maurelia
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Richard Peterson <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:10 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-402

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Richard Peterson
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of C. Lopez <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:18 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-903

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

C. Lopez
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Kate Loster <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:26 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-404

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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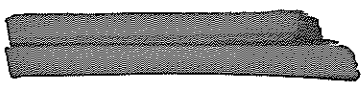
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Kate Loster



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Peter Biagioni <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:33 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-405

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Peter Biagioni
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Dawn Cheek <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:28 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-406

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Dawn Cheek

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of BETTY BARNETT <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:31 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-407

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

BETTY BARNETT
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of mike butche <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:29 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC - 4
409

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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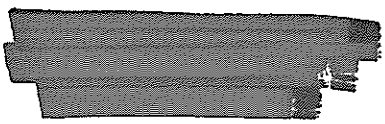
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

mike butche



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Linda Zager <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:34 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-407

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

I recently fell into a stream near my home in Hinsdale, Illinois. The result of this clogged up stream with algae and overgrowth was my developing a fungal infection of my hand and arm where it came in contact with the water. These waterways need to be cleaned up by limiting levels of phosphorus dumped.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Linda Zager

[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Audrey Aabey <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:35 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-410

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Without water we will not survive!

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Audrey Aabey

[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of GREG Stawinoga <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:36 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC - 462
411

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

GREG Stawinoga

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Andrej Tosic <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:36 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
RC-412

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Andrej Tosic

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Jennifer Calcara <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:36 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-413

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Jennifer Calcara

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Jeanne Doherty <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:39 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-414

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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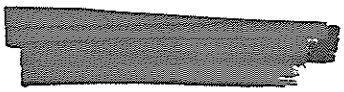
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Jeanne Doherty



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of John Gernady <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:39 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-4/5

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

John Gernady

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Paul Gantner <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:39 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-416

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Paul Gantner
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Kathleen Simko <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:40 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-417

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Kathleen Simko

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Patrick Pierce <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:40 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-418

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Patrick Pierce
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Margaret Waltershausen <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:43 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-418

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Margaret Waltershausen
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Jeffrey Rothermel <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:43 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-420

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Jeffrey Rothermel

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Merrill Cole <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:46 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC- 421

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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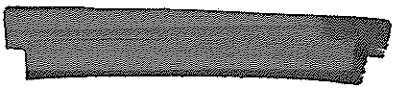
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Merrill Cole



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Bob Komorous <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:45 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC - 422

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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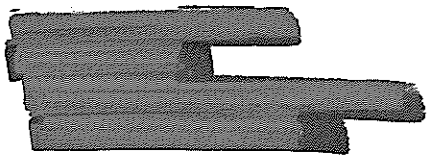
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Bob Komorous



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Mary Liss <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:46 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-423

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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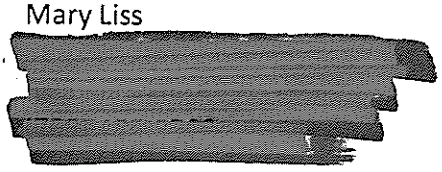
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Mary Liss



Daniels, Simon

From:	Sierra Club <katrina.phillips@sierraclub.org> on behalf of Ira Kriston <sierra@sierraclub.org>
Sent:	Thursday, January 22, 2015 4:46 PM
To:	Daniels, Simon
Subject:	NLRS Comments

NLRS
PC-424

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Ira Kriston

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Bob Gendron <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:47 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC - 425

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Bob Gendron
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Melissa Thornley <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:51 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC - 426

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Melissa Thornley

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Rebecca Gardner <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:52 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-427

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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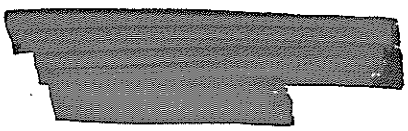
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Rebecca Gardner



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Pravin Lewis <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 4:59 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC - 428

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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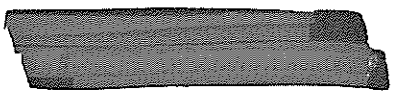
Please take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Pravin Lewis


Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Donna Brown <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:02 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC - 429

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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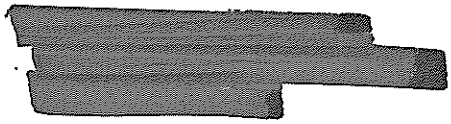
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Donna Brown



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Carolyn Pearson <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:03 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-430

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

As a frequent recreational boater on the Illinois River, it is extremely important to my family and the other families that enjoy the river to maintain a healthy aquatic environment.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Carolyn Pearson

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of T C <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:03 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-431

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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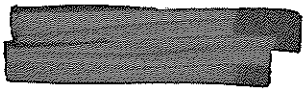
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

T C


Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Dave Sum <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:04 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-432

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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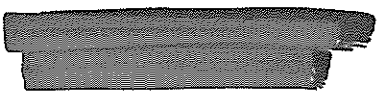
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Dave Sum



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Teresa Massa <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:06 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC- 433

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Teresa Massa
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Yvonne White <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:08 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-434

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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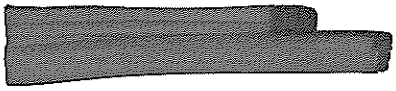
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Yvonne White



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Karen Peterson <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:10 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-435

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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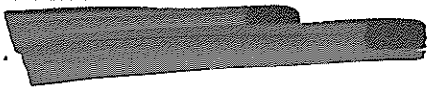
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Karen Peterson


Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of John Culver <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:11 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-
436

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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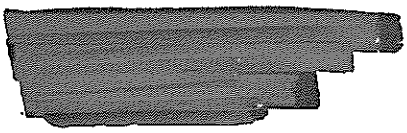
Sincerely,

John Culver



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Holly McCurdy <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:11 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-437

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Holly McCurdy
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Leta Dally <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:12 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-438

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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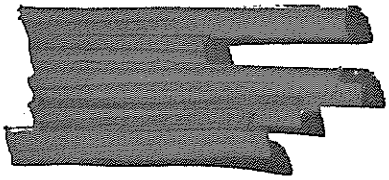
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Leta Dally



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Gabrielle Roeder <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:15 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-439

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

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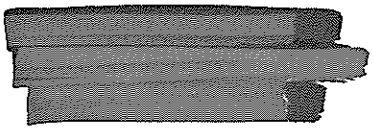
Sincerely,

Gabrielle Roeder



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Eric Scott <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:18 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-440

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

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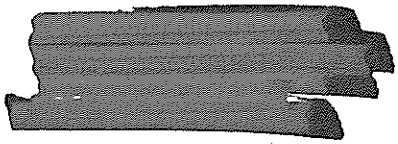
Sincerely,

Eric Scott



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of William Franz <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:19 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-441

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

William Franz
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Bradley Budnik <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:20 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-442

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

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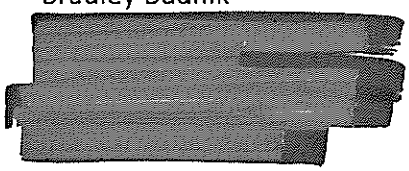
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Bradley Budnik



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Vincent Hardt <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:21 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-443

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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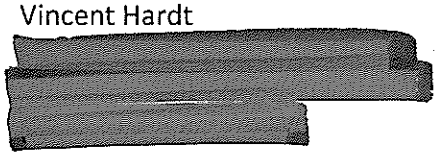
Sincerely,

Vincent Hardt



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Tamara Sharman <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:22 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-444

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Tamara Sharman
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Tony Grahame <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:47 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-445

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Tony Grahame
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of John McCarthy <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:23 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-446

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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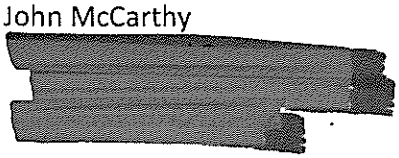
Sincerely,

John McCarthy



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Angie Affolter <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:24 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-447

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Angie Affolter
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Michael Kenny <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:26 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-48

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Michael Kenny

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Burton Steck <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:26 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC - ~~499~~
499

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Burton Steck

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Kay King <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:33 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-450

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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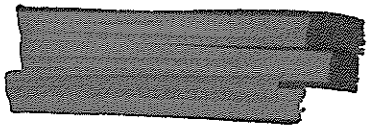
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Kay King



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Josh Berger <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:36 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-451

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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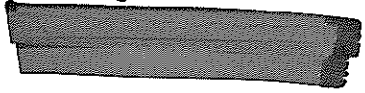
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Josh Berger



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Megan Bratkovich <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:36 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-452

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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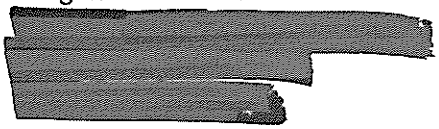
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Megan Bratkovich


Daniels, Simon

From:	Sierra Club <katrina.phillips@sierraclub.org> on behalf of Robert Kusiolek <sierra@sierraclub.org>
Sent:	Thursday, January 22, 2015 5:39 PM
To:	Daniels, Simon
Subject:	NLRS Comments

NLRS
RC-453

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Robert Kusiolek

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of George Ordal <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:45 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-454

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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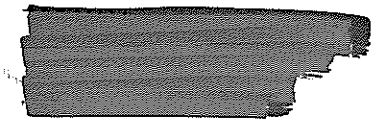
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

George Ordal



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Nancy Claus <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:48 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-455

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Nancy Claus
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Debra Gleason <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:48 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-456

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Debra Gleason
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of linda sullivan <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:50 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-457

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

linda sullivan
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Clemente & Elaine Acevez <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:51 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-45B

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Clemente & Elaine Acevez

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Richard Fung <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:52 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-459

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Richard Fung

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Anita Alcantara <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:53 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-460

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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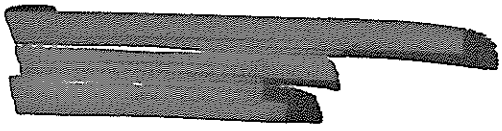
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Anita Alcantara



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Carol Devoss <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:54 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-161

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Carol Devoss
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Ian Magargee <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:54 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-462

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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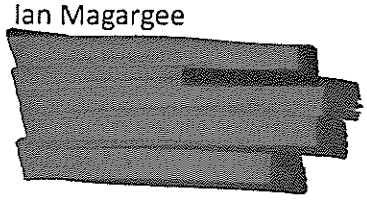
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Ian Magargee



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Harmony Reiner <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:54 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-463

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Harmony Reiner
[redacted]

Daniels, Simon

From:	Sierra Club <katrina.phillips@sierraclub.org> on behalf of Eric Edwards <sierra@sierraclub.org>
Sent:	Thursday, January 22, 2015 5:54 PM
To:	Daniels, Simon
Subject:	NLRS Comments

NLRS
PC-464

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Eric Edwards
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Florence Lange <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:54 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-965

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Florence Lange
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Patricia Kroll <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:54 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-466

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Patricia Kroll
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Liz Barbour <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:55 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-962

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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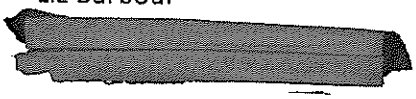
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Liz Barbour



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Stephen Reid <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:55 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-468

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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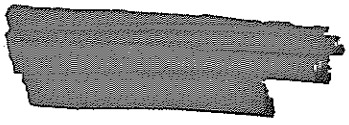
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Stephen Reid



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Lisa Barrett <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:55 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-969

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Lisa Barrett

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Alicia Crain <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:57 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-470

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Alicia Crain
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of JANUSZ MAKA <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:57 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-471

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

JANUSZ MAKA
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Rhonda Phillips <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:58 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-472

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Rhonda Phillips
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of kim sears <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 5:59 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-93

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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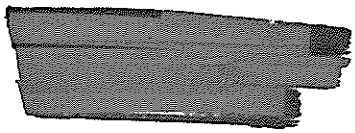
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

kim sears



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Helen Edwards <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:00 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-474

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Illinois rivers are a great resource for both commerce and recreation.
We need to keep them strong.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution.
Thank you for your attention on this matter.

Sincerely,

Helen Edwards
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of kelly griffin <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:00 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC- 475

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

kelly griffin

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Karen Snell <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:03 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-476

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Karen Snell
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Randi Holt <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:04 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-477

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Randi Holt

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Nancy Crutcher <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:05 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-478

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

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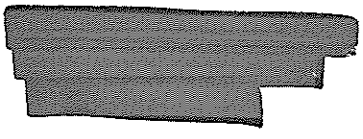
Sincerely,

Nancy Crutcher



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Mike Dotson <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:05 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-479

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

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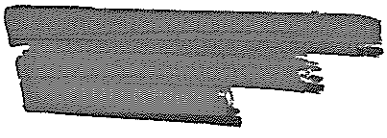
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Mike Dotson



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Jeff Sychowski <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:05 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-480

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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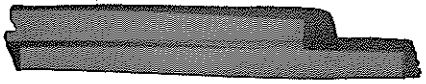
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Jeff Sychowski



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Rich Barrett <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:07 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-481

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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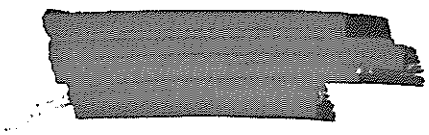
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Rich Barrett



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Bill King <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:07 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-482

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Bill King

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Edward Wawzyniak <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:07 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-483

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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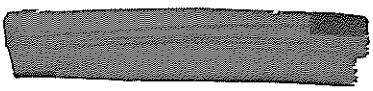
Sincerely,

Edward Wawzyniak



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Joe Glowacki <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:08 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-484

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

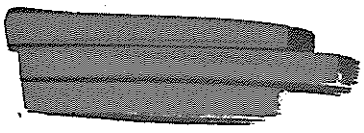
IEPA should also conduct studies on watersheds known to contribute large volumes of phosphorus downstream, like the Chicago and Des Plaines Rivers, to determine what levels of phosphorus these waters can tolerate. These studies should focus on the impacts of various levels of phosphorus on algae and dissolved oxygen levels, and in turn on aquatic life.

I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Joe Glowacki



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Nancy Voss <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:08 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-485

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Nancy Voss
[redacted]

Daniels, Simon

From:	Sierra Club <katrina.phillips@sierraclub.org> on behalf of Linda Pawlisz <sierra@sierraclub.org>
Sent:	Thursday, January 22, 2015 6:08 PM
To:	Daniels, Simon
Subject:	NLRS Comments

NLRS
PC-486

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Linda Pawlisz

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Robin Weaver <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:09 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-487

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Water is necessary for life.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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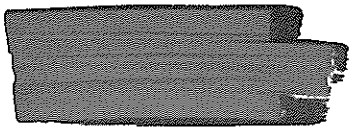
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Robin Weaver



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Mimi Biskus <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:09 PM
To: Daniels, Simon
Subject: NLRS Comments

NCR5
PC- 488

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Mimi Biskus
[redacted]

Daniels, Simon

From:	Sierra Club <katrina.phillips@sierraclub.org> on behalf of Frank Weitekamp <sierra@sierraclub.org>
Sent:	Thursday, January 22, 2015 6:10 PM
To:	Daniels, Simon
Subject:	NLRS Comments

NLRS
PC-489

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Frank Weitekamp

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of G Parker <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:11 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-490

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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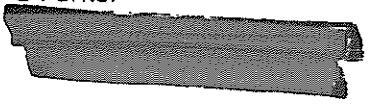
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

G Parker



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Mason Arion <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:11 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC - 491

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Mason Arion
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Sandra Miller <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:11 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-492

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Sandra Miller
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Terri Barreras <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:14 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-493

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Terri Barreras
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Elizabeth LaGro <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:14 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC - 499

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Illinois lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

IEPA needs to conduct studies on watersheds known to contribute large volumes of phosphorus downstream, like the Chicago and Des Plaines Rivers, in order to determine what levels of phosphorus these waters can tolerate. These studies should focus on the impacts of various levels of phosphorus on algae and dissolved oxygen levels, and in turn on aquatic life.

I urge you to take these steps to protect Illinois' waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Elizabeth LaGro

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Andy Scheerer <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:14 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-495

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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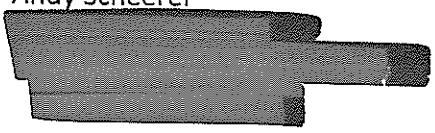
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Andy Scheerer



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Jennifer Gervasio <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:14 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-496

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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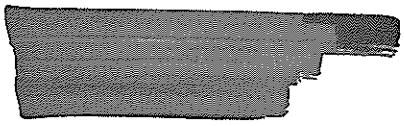
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Jennifer Gervasio



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Mary May <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:14 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC - 497

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Mary May

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Brad Walker <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:15 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-498

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Brad Walker

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Max Barack <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:16 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-499

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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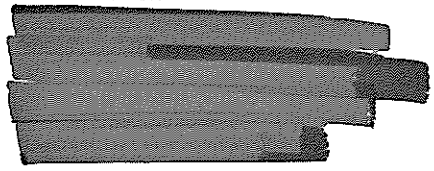
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Max Barack



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Nancy Mallory <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:16 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-500

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Nancy Mallory
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of David Ulibarri <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:18 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-501

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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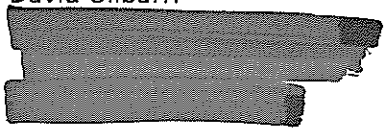
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

David Ulibarri


Daniels, Simon

From:	Sierra Club <katrina.phillips@sierraclub.org> on behalf of Martha White <sierra@sierraclub.org>
Sent:	Thursday, January 22, 2015 6:18 PM
To:	Daniels, Simon
Subject:	NLRS Comments

NLRS
PC-502

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

IEPA should also conduct studies on watersheds known to contribute large volumes of phosphorus downstream, like the Chicago and Des Plaines Rivers, to determine what levels of phosphorus these waters can tolerate. These studies should focus on the impacts of various levels of phosphorus on algae and dissolved oxygen levels, and in turn on aquatic life.

I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Martha White
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of V Voland <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:18 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-503

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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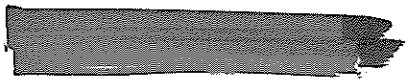
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

V Voland



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Peter Gunther <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:19 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-504

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Peter Gunther

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Kathi Zadak <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:20 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-505

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Kathi Zadak

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Dona` Hildebrandt <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:20 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-506

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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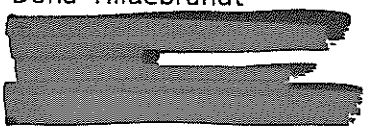
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Dona` Hildebrandt



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of KAYE AURIGEMMA <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:21 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-507

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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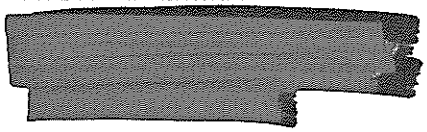
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

KAYE AURIGEMMA


Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of David Schaefer <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:21 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-508

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Perhaps we can reduce the contribution Illinois makes to nutrient loss into our rivers and streams.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

David Schaefer

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Suzanne Gaspar <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:22 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-509

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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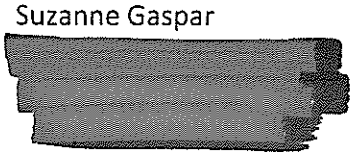
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Suzanne Gaspar



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Philene Lortz <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:22 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-56

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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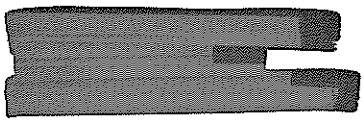
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Philene Lortz



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Vincent Lullo <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:25 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-511

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Vincent Lullo

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of daniel mccormick <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:25 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-512

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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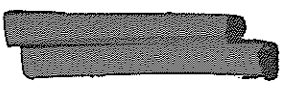
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

daniel mccormick


Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Chad McCullough <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:28 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-563

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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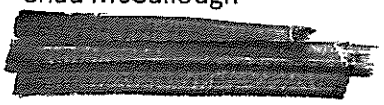
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Chad McCullough



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Charles Grotzke <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:30 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-5/4

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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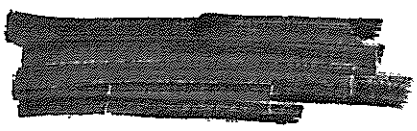
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Charles Grotzke



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Colleen Cleary <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:30 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-515

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Colléen Cleary

[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of donna pressley <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:30 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-5/6

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

donna pressley

[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Brad Bornstein <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:31 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
P.C-517

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Brad Bornstein

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Fred Barnes <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:32 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-518

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Fred Barnes

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Joe Toigo <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:32 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-519

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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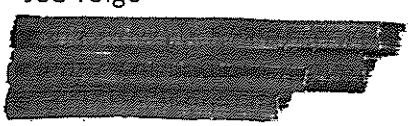
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Joe Toigo



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Dorelle Ackermann <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:32 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-520

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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IEPA should also conduct studies on watersheds known to contribute large volumes of phosphorus downstream, like the Chicago and Des Plaines Rivers, to determine what levels of phosphorus these waters can tolerate. These studies should focus on the impacts of various levels of phosphorus on algae and dissolved oxygen levels, and in turn on aquatic life.

I kayak our waterways and see first hand how algae blooms can devastate river systems.

I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Dorelle Ackermann
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Tom Teune <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:32 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-52

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Tom Teune

[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of JANELL SMITH <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:32 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-522

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

JANELL SMITH

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Matt Roach <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:34 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-523

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Matt Roach

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Mona Bingham <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:35 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-524

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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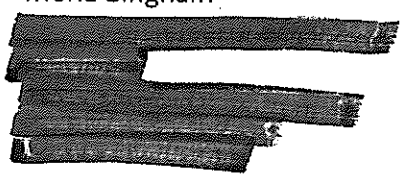
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Mona Bingham



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Karen Sewick <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:36 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-525

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Karen Sewick
[redacted]

Daniels, Simon

From:	Sierra Club <katrina.phillips@sierraclub.org> on behalf of Susan Crowley <sierra@sierraclub.org>
Sent:	Thursday, January 22, 2015 6:38 PM
To:	Daniels, Simon
Subject:	NLRS Comments

NLRS
PC-526

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Susan Crowley

Daniels, Simon

From:	Sierra Club <katrina.phillips@sierraclub.org> on behalf of Gladys Bryer <sierra@sierraclub.org>
Sent:	Thursday, January 22, 2015 6:39 PM
To:	Daniels, Simon
Subject:	NLRS Comments

NLRS
PC-527

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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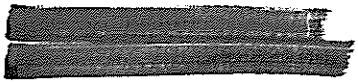
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Gladys Bryer



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Annie Wilder <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:40 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-528

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Annie Wilder
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Bev Briggs <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:40 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-529

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

We need to protect our waterways for future generations, Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Bev Briggs
[redacted]
NA

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Patricia Caraballo <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:41 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-530

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Patricia Caraballo

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Cornelius Devlin III <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:41 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-531

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Cornelius Devlin III

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of William Scown <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:42 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-532

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

William Scown
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Dennis Olsen <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:42 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-533

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Dennis Olsen

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Nayeem Aslam <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:43 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-534

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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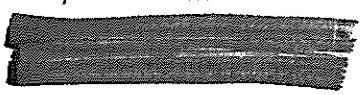
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Nayeem Aslam



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Alison Kopp <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:43 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-535

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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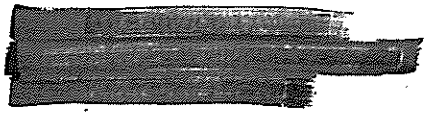
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Alison Kopp



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Allan Price <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:45 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-536

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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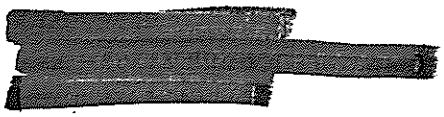
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Allan Price



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Renee Mann <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:46 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-537

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Renee Mann

[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Stephen French <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:46 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC 538

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Stephen French
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Brandon Kozak <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:46 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-539

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Brandon Kozak

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Kathy Michaelson <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:47 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-5540

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Kathy Michaelson

Daniels, Simon

From:	Sierra Club <katrina.phillips@sierraclub.org> on behalf of Ellen Griffith <sierra@sierraclub.org>
Sent:	Thursday, January 22, 2015 6:47 PM
To:	Daniels, Simon
Subject:	NLRS Comments

NLRS
PC-541

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Ellen Griffith

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Rick Lanham <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:48 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-542

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

As a biologist and retired employee of the IL EPA, the available data indicates that despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

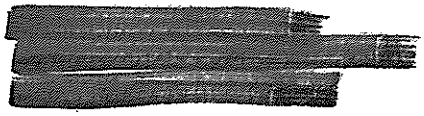
IEPA should also conduct studies on watersheds known to contribute large volumes of phosphorus downstream, like the Chicago and Des Plaines Rivers, to determine what levels of phosphorus these waters can tolerate. These studies should focus on the impacts of various levels of phosphorus on algae and dissolved oxygen levels, and in turn on aquatic life.

I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Rick Lanham



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Margaret Foster <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:50 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-543

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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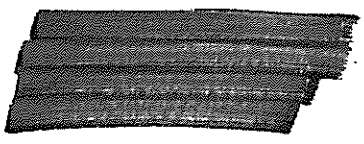
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Margaret Foster



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Yvette Winston <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:50 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-544

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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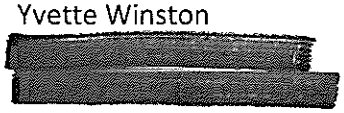
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Yvette Winston


Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Jennifer Johnson <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:50 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC - 545

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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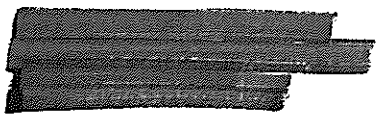
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Jennifer Johnson



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Ann Joseph <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:50 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-546

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Ann Joseph

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Jennifer Shanahan <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:50 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-547

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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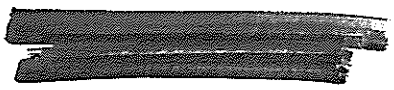
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Jennifer Shanahan



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Sherrilyn Drew <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:52 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-548

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Sherrilyn Drew

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Christy Mazrimas-Ott <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:52 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-549

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Christy Mazrimas-Ott

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Scott Lundgren <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:52 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-550

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Scott Lundgren

Daniels, Simon

From:	Sierra Club <katrina.phillips@sierraclub.org> on behalf of Mardene Costa <sierra@sierraclub.org>
Sent:	Thursday, January 22, 2015 6:53 PM
To:	Daniels, Simon
Subject:	NLRS Comments

NCRS
PC-551

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Mardene Costa
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of barbara bates <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:53 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-552

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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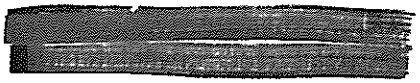
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

barbara bates



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of valerie birk <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:53 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
RC-553

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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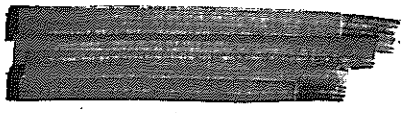
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

valerie birk



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Julia Wade <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:53 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS

PC-559

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Julia Wade

[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Gerald McNellis <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:54 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-555

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

IEPA should also conduct studies on watersheds known to contribute large volumes of phosphorus downstream, like the Chicago and Des Plaines Rivers, to determine what levels of phosphorus these waters can tolerate. These studies should focus on the impacts of various levels of phosphorus on algae and dissolved oxygen levels, and in turn on aquatic life.

I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Gerald McNellis

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Nick Hall-Skank <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:54 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-556

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States. This is an issue I am very concerned about, but I know there are solutions within our reach. Iowa State University has been running a very interesting and effective program to mitigate the problem, and I think our state should consider doing something similar.
The web address is below. Thanks for taking action on this!

http://www.nrem.iastate.edu/research/STRIPs/

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Nick Hall-Skank
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Jacquie Schuelke <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:55 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-557

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Jacquie Schuelke

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Matthew Thompson <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:55 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-558

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Matthew Thompson

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Jessica Hart <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:55 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-559

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Jessica Hart

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Robert Kennedy <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:55 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
RC-560

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Robert Kennedy

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of nicholas pasqual <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:56 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-50

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

nicholas pasqual

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Sophia Mcaskill <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 6:58 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-567

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Sophia Mcaskill

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of James Gysler <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 7:00 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-568

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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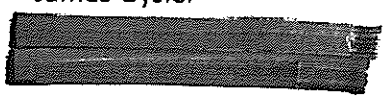
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

James Gysler



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Patricia Martinez <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 7:03 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-569

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Patricia Martinez

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of anita rinaldi <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 7:03 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-5-70

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

anita rinaldi

[redacted]

Daniels, Simon

From:	Sierra Club <katrina.phillips@sierraclub.org> on behalf of Charles Miller <sierra@sierraclub.org>
Sent:	Thursday, January 22, 2015 7:04 PM
To:	Daniels, Simon
Subject:	NLRS Comments

NCRS
PC-571

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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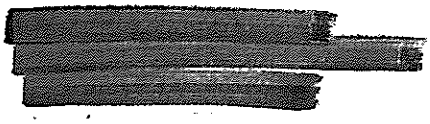
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Charles Miller



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of James Stuhlmacher <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 7:04 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-572

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

James Stuhlmacher
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Robert And Denise Morton <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 7:04 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-573

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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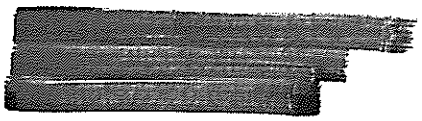
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Robert And Denise Morton



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Sheila Gut <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 7:05 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-574

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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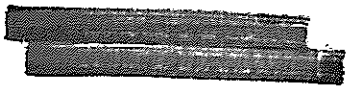
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Sheila Gut



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Daniel Simon <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 7:05 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-575

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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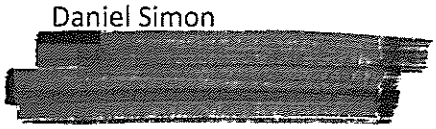
Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Daniel Simon



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Jim Harris <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 7:06 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-576

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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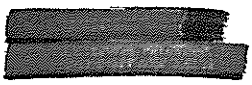
I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Jim Harris



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Robert Anderson <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 7:07 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-577

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Robert Anderson
[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of john potamites <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 7:07 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-5 78

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

Despite the numerous known impacts of excessive phosphorus levels in waterways, Illinois still lacks a water quality standard for phosphorus for its rivers and streams. After years of collecting data and conducting studies, it is time to take action. IEPA must move forward and adopt a phosphorus standard to protect our waterways and the ecosystems they support.

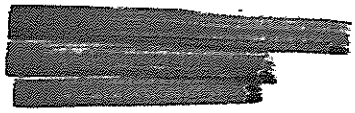
IEPA should also conduct studies on watersheds known to contribute large volumes of phosphorus downstream, like the Chicago and Des Plaines Rivers, to determine what levels of phosphorus these waters can tolerate. These studies should focus on the impacts of various levels of phosphorus on algae and dissolved oxygen levels, and in turn on aquatic life.

I urge you to take these steps to protect our Illinois waterways and reduce our contribution to Gulf Hypoxia, the second largest hypoxic zone in the world and the largest hypoxic zone currently affecting the United States.

Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

john potamites



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Dan Moore <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 7:09 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-579

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

I appreciate the work of many that has gone into the draft Illinois Nutrient Loss Reduction Strategy, but we need a stronger plan with defined steps to meet a goal of 46% reduction in nitrogen and 50% reduction in phosphorus by 2040. The plan must have interim benchmarks that allow us to measure its success and ensure that we are on track to achieve the needed reductions.

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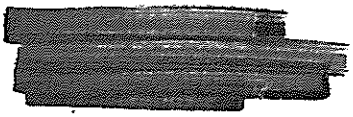
Sincerely,

Dan Moore



Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Richard Stuckey <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 7:09 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-580

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

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Sincerely,

Richard Stuckey

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Ann buxbaum <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 7:10 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
RC-581

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

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Sincerely,

Ann buxbaum

[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Georgiann Schulte <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 7:10 PM
To: Daniels, Simon
Subject: NLRS Comments

NLRS
PC-582

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

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Please make sure the final strategy is strong enough to effectively protect our waters from nutrient pollution. Thank you for your attention on this matter.

Sincerely,

Georgiann Schulte

[redacted]

Daniels, Simon

From: Sierra Club <katrina.phillips@sierraclub.org> on behalf of Trina Patton <sierra@sierraclub.org>
Sent: Thursday, January 22, 2015 7:11 PM
To: Daniels, Simon
Subject: NLRS Comments

NCRS
PC-583

Jan 22, 2015

Mr. Simon Daniels IEPA
IL

Dear Mr. Daniels IEPA,

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Sincerely,

Trina Patton

[redacted]