

**NASHVILLE, INDIANA
WATER SOURCE
WATER PRODUCTION FACILITY
&
FLOOD MITIGATION FEASIBILITY STUDY
PROPOSAL**

Roger Bush
Town Superintendent
Nashville, Indiana

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1. NON-FEDERAL SPONSOR AND INTEREST LIST.

- 1) Town of Nashville

2. PROPOSAL STATEMENT.

This proposal is for a **feasibility study** for constructing a water source for the Town of Nashville by creating a lake and potable water production facility and determining how the project will affect area flooding, health and safety of residents, and the economic impact.

3. PROJECT PURPOSE.

The Nashville, Indiana Water Source, Water Production Facility and Flood Mitigation Project Feasibility Study will determine the impact of constructing a water source for the Town of Nashville by creating a lake and potable water production facility for the following elements:

- The Over All Impact to the Utility Water Supply
- The Financial Burden to the Nashville Water Utility and Customers
- The Economic Impact Locally, Regionally, and Nationally
- The Level of Flood Way Mitigation
- The Extent of Flood Hazard Mitigation to Surrounding Residents and Property
- The Possibility of Alternative Water Sources
- The Short and Long Term Effect of Not Completing the Project



4. ESTIMATE OF COST

Description of Service	Estimated Cost
1) Financial Analysis.....	\$ 2,000.00
2) Economic Impact Study.....	\$ 3,500.00
3) Soil Borings, Site A.....	\$ 2,000.00
4) Soil Borings, Site B.....	\$ 2,500.00
5) Environmental Impact Study.....	\$ 3,000.00
6) Flood Way Analysis.....	\$ 2,250.00
7) Lake and Production Facility Analysis.....	\$ 3,500.00
8) <u>Options and Alternatives Analysis.....</u>	<u>\$ 1,750.00</u>
Subtotal.....	\$20,500.00
<u>Misc.....</u>	<u>\$ 2,050.00</u>
Feasibility Study Cost Estimate.....	\$22,550.00



5. DESCRIPTION OF ANTICIPATED MONETARY AND NONMONETARY BENEFITS.

The list of anticipated potential primary and secondary beneficial effects of the feasibility study:

1. Increase customer's awareness, knowledge, and understanding of the project.
 - a. By presenting the positive effect on water utility rates.
 - b. By determining the positive impact of minimizing rate increases, as a result of the water utility having its own water source, on the community's economy.
 - c. By showing customers how utilizing surface water reduces water hardness and as a result reduces the customers need for maintenance to water fixtures.
 - d. By informing customers of the positive economic impact to the community of bringing developable property out of the flood plain.
 - e. By presenting data that indicates a positive impact on the flood plain, that mitigates flooding hazards to area residents and property.
 - f. By using the data to show customers how the project as a whole helps to increase the quality of life for the entire community.

2. Increase support of local economic interest groups.
 - a. By presenting data that indicates lower utility rates help bolster development.
 - b. By informing economic interest groups of areas positively impacted by flood mitigation and how those areas may be developed.
 - c. By demonstrating the placement of the water production facility will impact the fire flow capability in the surrounding area, which could decrease building insurance rates.
 - d. By presenting data that indicates how much property will become developable and the potential jobs that could be created by development of those areas.

3. Increase support from anti-development interest groups.
 - a. By presenting data that show how the new facility will help to mitigate future water rate increases to them.
 - b. By demonstrating the placement of the water production facility will impact the fire flow capability in the surrounding area, which could decrease their home owner's insurance rates.
 - c. By showing anti-development groups how the new water production facility will allow the Town to control water quality and provide them with a better product.

- d. By informing anti-development interest groups how utilizing surface water reduces water hardness and as a result reduces their need for maintenance to water fixtures.
4. Paying for the entire cost of the feasibility study would be a financial burden for the Nashville Water Utility. The study may provide the Utility with alternative solutions to raising water rates. Nashville's water rate is already one of the highest rates in the region. Unfortunately the Nashville Water Utility residential customer base is primarily made up of low to moderate income households.
5. This feasibility study is the next step in helping area residents mitigate further cost of living increases, "jump starting" the local economy, increasing developable land sites, long term provision for an increase in local jobs, an increase in fire flow protection in the area of impact, an increase in water quality, and provide for a short and long term increase in the quality of life for the local community.

6. DESCRIPTION OF LOCAL SUPPORT.

Currently the lack of supporting data has not provided adequate opportunity to gather large amounts of support, which is why a feasibility study is needed.

Current support for the idea includes the following:

- The Nashville Water Utility
- The Nashville Town Council
- The Brown County Commissioners
- The Property Owners of the Two Current Proposed Locations

7. FINANCIAL CAPABILITY TO PAY SPONSOR'S SHARE OF COST.

The current estimate for the Town of Nashville's share of cost will be \$4,600.00. We would reserve \$1,000.00 out of Water Engineering Services and the remaining \$3,600.00 out of Water Misc. Contract Services.

8. ATTACHED SUPPORT LETTER LIST.

Stephen Alexander, Potential Site Owner

Charles King, Vice President, Nashville Town Council

Cathy Paradise, Manager, Brown County Soil and Water Conservation District

Scott Rudd, Town Manager/Economic Development Director, Town of Nashville



November 24, 2014

Town of Nashville Water Utility
Roger Bush, Director of Utilities
P.O. Box 446
Nashville, Indiana 47448

RE: Nashville's Water Source, Potable Water Production Facility,
 & Flood Mitigation Feasibility Study Proposal

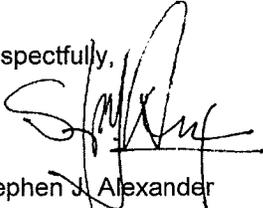
Dear Roger,

Please be advised that we have reviewed the general description of the proposed drinking water facility to be considered for funding and construction by the US Army Corps of Engineers. It is clear that this proposal would be considered for construction on the property that my wife, Melody, and I currently own. We are pleased to support the Study of Nashville's Water Source, Potable Water Production Facility, & Flood Mitigation Feasibility Study Proposal.

As this property is currently being considered for a variety of development features that may benefit the economic development of Nashville Indiana and Brown County. The Study will provide the Utility with needed project planning information and a "stepping stone" to completing a project that will help minimize water rates, mitigate flooding, and enhance economic development.

Therefore, we support and encourage you to proceed further to the study phase of the water facility project.

Respectfully,



Stephen J. Alexander

On behalf of Stephen J. Alexander and Melody A. Alexander

Mr. Charles B King
PO Box 1040
Nashville, IN 47448-1040
buzzking@sbcglobal.net

November 25, 2014

Town of Nashville Water Utility
P.O. Box 446
Nashville, Indiana 47448

Re: Nashville's Water Source, Potable Water Production Facility,
& Flood Mitigation Feasibility Study Proposal

Dear Administrator,

I am pleased to support the Nashville's Water Source, Potable Water Production Facility, & Flood Mitigation Feasibility Study Proposal.

The Study will provide the Utility with needed project planning information and a "stepping stone" to completing a project that will help minimize water rates, mitigate flooding, and enhance economic development.

This project, when completed could provide another recreational area for the Town.

Best of luck with your grant application,



Charles B King
Nashville Town Council



**Brown County Soil and Water
Conservation District
P.O. Box 308
Nashville, IN 47448
812-988-2211**

November 24, 2014

Town of Nashville Water Utility
P. O. box 446
Nashville, Indiana 47448

RE: Nashville's Water Source, Potable Water Production Facility, & Flood Mitigation
Feasibility Study Proposal

Dear Administrator,

I am pleased to support the Nashville's Water Source, Potable Water Production Facility,
& Flood Mitigation Feasibility Study Proposal.

The study will provide the utility with the needed project planning information and a
"stepping stone" to completing a project that will help minimize water rates, mitigate
flooding and enhance economic development.

We want to wish you the best of luck with your grant application.

Respectfully,

Cathy Paradise

Cathy Paradise,
Manager, Brown County
Soil and Water Conservation District

Town of Nashville
Office of the Economic Development Director

200 Commercial Street • PO Box 446
Nashville, Indiana 47448
812-988-5623 • Fax 812-988-1874

Date: 11/24/14

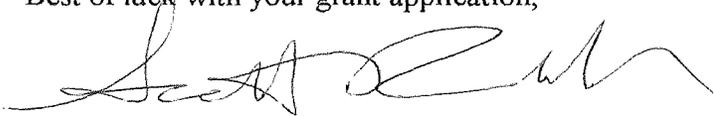
Town of Nashville Water Utility
P.O. Box 446
Nashville, Indiana 47448

Re: Nashville's Water Source, Potable Water Production Facility,
& Flood Mitigation Feasibility Study Proposal

Dear Administrator,

I am pleased to support the Nashville's Water Source, Potable Water Production Facility, & Flood Mitigation Feasibility Study Proposal. This study has the potential to not only assist with the mitigation of flood waters, but also increase the community's economic development potential.

Best of luck with your grant application,



Scott Rudd
Town Manager/Economic Development Director
Town Of Nashville
