

**LOW HAZARD IN-CHANNEL DAM VISUAL INSPECTION REPORT**  
(Primarily non-embankment structures)

DAM NAME: East Fork White River Dam DATE: 2/3/2012 ID# 3-13

NEAREST TOWN  
OR LANDMARK: Columbus COUNTY: Bartholomew

N <sup>1/2</sup> ~~1/4~~ NW 1/4, SEC. 25, T 9 (N)S, R 5 (E)W UTMN 4339517 UTME 592676

QUAD. Columbus STREAM East Fork White River

ACCESS NOTES: Parking in Senior Center lot on left (East) bank of River.

OWNER'S NAME: City of Columbus - Board of Public Works - Safety TELEPHONE (812) 376-2520

ADDRESS: 123 Washington St. Columbus, IN. 47201

OWNERSHIP HISTORY: Dam built by city to provide water supply for treatment plant. Intake facilities no longer used.

DAM HISTORY HIGHLIGHTS Dam may have been built or improved in 1938

There is a concrete structure at the left end with this year etched in it.

DESCRIP. OF STRUCTURE: Majority of dam is concrete with a small portion at right (west) end that is rock + rubble.

LENGTH OF OVERFLOW:	<u>450'</u>	TOTAL LENGTH:	<u>500'</u>	OVERFLOW HEIGHT	<u>3' - 4'</u>	TOP WIDTH	<u>4'</u>
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APPURTENANT WORKS Water Works Intake \* No longer used

DESCRIP. OF ABUTMENTS: Concrete wingwalls + endwalls

FOUNDATION/ABUTMENT MATERIALS Sand, gravel, silt



FIELD CONDITIONS: Dry

CONDITION OF OVERFLOW SECTION Poor

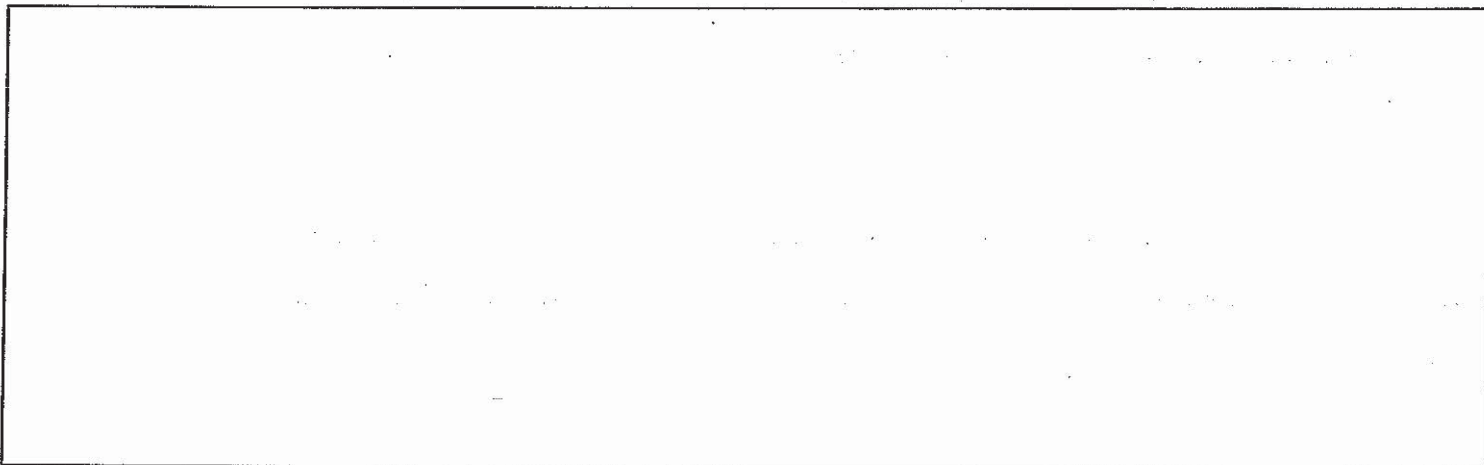
CONDITION OF ABUTMENTS: Poor

CONDITION OF APPURTENANT WORKS: No longer used

MAINTENANCE: Poor

OVERALL  
CONDITION: Poor

SKETCH



RECOMMENDATIONS:

☒ CLEAR DEBRIS OFF OF STRUCTURE As needed

☐ REPAIR

☐ HIRE A PROFESSIONAL ENGINEER TO DEVELOP RECONSTRUCTION PLANS

☐ OTHER

INSPECTOR Beth [Signature] OWNER

IMPORTANT: THIS REPORT NOTES THE OBVIOUS SURFICIAL CONDITIONS AT THE DATE OF THE VISUAL INSPECTION. WATER, DEBRIS, ICE, SNOW, ETC. FREQUENTLY COVER AND HIDE SERIOUS PROBLEMS WITH THESE DAMS. THE OWNER SHOULD OBTAIN A PROFESSIONAL ENGINEER EXPERIENCED IN DAMS OF THIS KIND TO MAKE A DETAILED INSPECTION AND EVALUATION OF THE ENTIRE STRUCTURE.

NOTE: ALTHOUGH FAILURE OF A LOWHAZARD IN-CHANNEL DAMS DOES NOT TYPICALLY PRESENT A SIGNIFICANT DOWNSTREAM FLOOD, THESE STRUCTURES ARE DANGEROUS DROWNING HAZARDS. THE OWNER SHOULD POST APPROPRIATE SIGNAGE AND LIMIT ACCESS TO THE STRUCTURE TO PREVENT INJURY OR DEATH.







Overview





## John Lindsey's Ferry 1821 - 1827

On March 19, 1821, John Lindsey was issued a license from the Board of Commissioner's of Bartholomew County to operate a ferry at this site across Driftwood River. He was ordered to "observe the following rates for the transportation of person's &c across said River to wit:"

For each horse creature, man, woman, and child 6 1/4¢; cattle 3 years old and upward 6 1/4¢; all cattle under that age 4 1/4¢; each sheep, hog and goat 1¢; 2 wheel carriage or wagon 25¢; 4 wheel carriage or wagon 50¢; a boat load of lumber 50¢.

"And that the said John Lindsey be bound at all time to keep one Good and sufficient Skiff or canoe. Also one boat commonly called a Flat with one Sufficient Hand to attend the same."

Joseph Hale Chapter  
Daughters of the American Revolution  
1894



Date in Concrete





Overview From Above



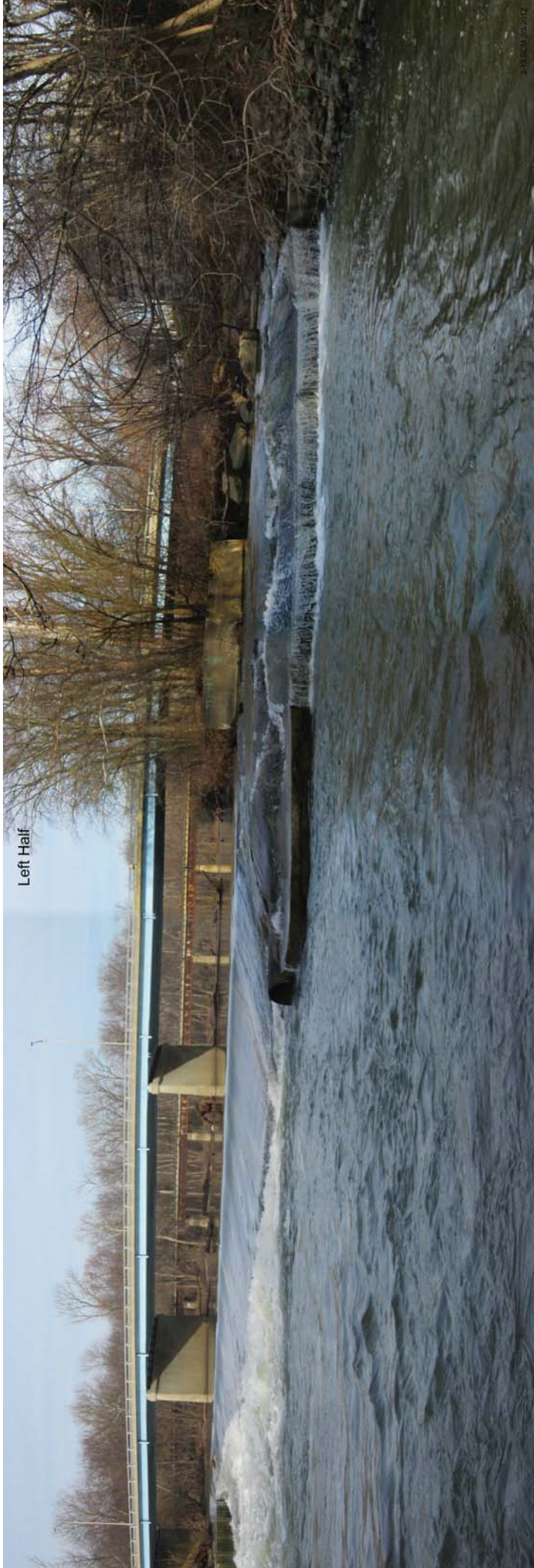


Left End  
(Concrete damaged)





Left Half





# LOW HAZARD IN-CHANNEL DAM VISUAL INSPECTION REPORT

(Primarily non-embankment structures)

DAM NAME: EAST FORK WHITE RIVER DATE: 9/19/07 ID.# 3-13  
(IN-CHANNEL) DAM

NEAREST TOWN

OR LANDMARK: COLUMBUS

COUNTY: BARTHOLOMEW

1/4, N <sup>1/2</sup> 1/4, NW 1/4, SEC. 25, T 9 (N/S), R 5 (E/W) UTMN 4339517 UTME 592676  
NAD '83

QUAD. COLUMBUS

STREAM EAST FORK WHITE RIVER

ACCESS NOTES: PARK IN SENIOR CENTER SERVICES PARKING LOT AT  
148 LINDSAY ST., THEN WALK TO DAM. (S.R. 46 E. TO BROWN ST. N. [LEFT]  
TO 2nd St. THEN LEFT TO LINDSAY ST., THEN LEFT TO SENIOR  
CENTER SERVICES PARKING LOT [RIGHT].

OWNER'S NAME: CITY OF COLUMBUS -

TELEPHONE (812) 376-2520

BOARD OF PUBLIC WORKS & SAFETY

ADDRESS: 123 WASHINGTON ST., COLUMBUS, IN 47201

OWNERSHIP HISTORY: DAM BUILT BY CITY TO PROVIDE WATER SUPPLY  
TO TREATMENT PLANT, INTAKE FACILITIES NO LONGER  
USED.

DAM HISTORY HIGHLIGHTS DAM MAY HAVE BEEN BUILT OR IMPROVED  
IN 1938 AS THERE IS A CONCRETE STRUCTURE AT  
THE LEFT (EAST) END WITH THIS YEAR ETCHED IN IT.

DESCRIP. OF STRUCTURE: MAJORITY OF DAM IS CONCRETE WITH A  
SMALL PORTION AT RIGHT (WEST) END THAT IS ROCK & RUBBLE.

LENGTH OF OVERFLOW: 450' TOTAL LENGTH: 500' OVERFLOW 1ST TIER 3' TOP 2nd TIER 4' WIDTH 4'

APPURTENANT WORKS WATER WORKS INTAKE NO LONGER USED.

DESCRIP. OF ABUTMENTS: CONCRETE WINGWALLS & ENDWALLS.

FOUNDATION/ABUTMENT MATERIALS SAND, GRAVEL, SILT.



FIELD CONDITIONS: PROLONGED DRY SPELL.

CONDITION OF OVERFLOW SECTION POOR CONDITION - 3 AREAS ALONG DAM  
SEEPAGE OBSERVED GOING THROUGH CRACKS OR BOILING UP  
BENEATH DAM. (BASKETBALL SIZE)

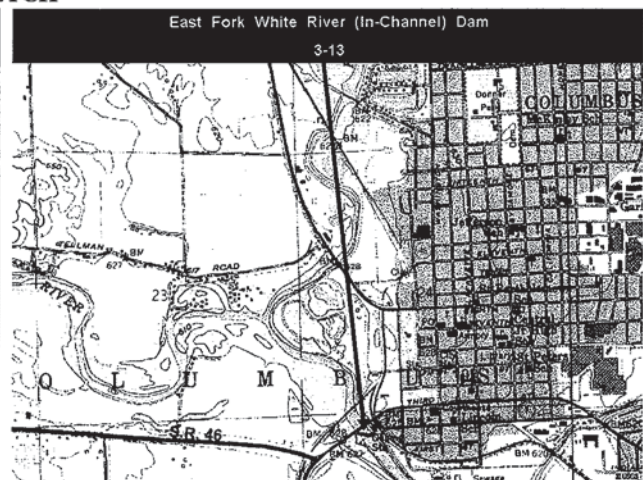
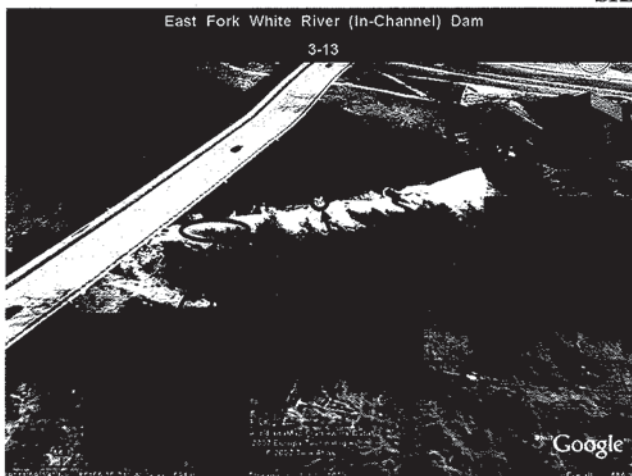
CONDITION OF ABUTMENTS: POOR CONDITION - LEFT (EAST) END HAS  
CONSIDERABLE FLOW EXITING UNDER DAM NEAR CMP  
OUTFALL. THERE WAS NO FLOW OVER CONCRETE DUE TO DRY SPELL.

CONDITION OF APPURTENANT WORKS: NOT INSPECTED DUE TO ABANDONMENT.

MAINTENANCE: DEFICIENT

OVERALL  
CONDITION: POOR - SIGNIFICANT UNDERMINING

#### SKETCH



#### RECOMMENDATIONS:

- ☐ CLEAR DEBRIS OFF OF STRUCTURE
- ☐ REPAIR
- ☐ HIRE A PROFESSIONAL ENGINEER TO DEVELOP RECONSTRUCTION PLANS
- ☒ OTHER IF DAM NO LONGER SERVES A USEFUL PURPOSE IT SHOULD BE BREACHED & REMOVED FROM CHANNEL. THIS WOULD ELIMINATE DROWNING HAZARD INHERENT TO THIS TYPE OF DAM.

INSPECTOR Doug McKinney OWNER \_\_\_\_\_

IMPORTANT: THIS REPORT NOTES THE OBVIOUS SURFICIAL CONDITIONS AT THE DATE OF THE VISUAL INSPECTION. WATER, DEBRIS, ICE, SNOW, ETC. FREQUENTLY COVER AND HIDE SERIOUS PROBLEMS WITH THESE DAMS. THE OWNER SHOULD OBTAIN A PROFESSIONAL ENGINEER EXPERIENCED IN DAMS OF THIS KIND TO MAKE A DETAILED INSPECTION AND EVALUATION OF THE ENTIRE STRUCTURE.

NOTE: ALTHOUGH FAILURE OF A LOWHAZARD IN-CHANNEL DAMS DOES NOT TYPICALLY PRESENT A SIGNIFICANT DOWNSTREAM FLOOD, THESE STRUCTURES ARE DANGEROUS DROWNING HAZARDS. THE OWNER SHOULD POST APPROPRIATE SIGNAGE AND LIMIT ACCESS TO THE STRUCTURE TO PREVENT INJURY OR DEATH.



# East Fork White River (In-Channel) Dam

3-13

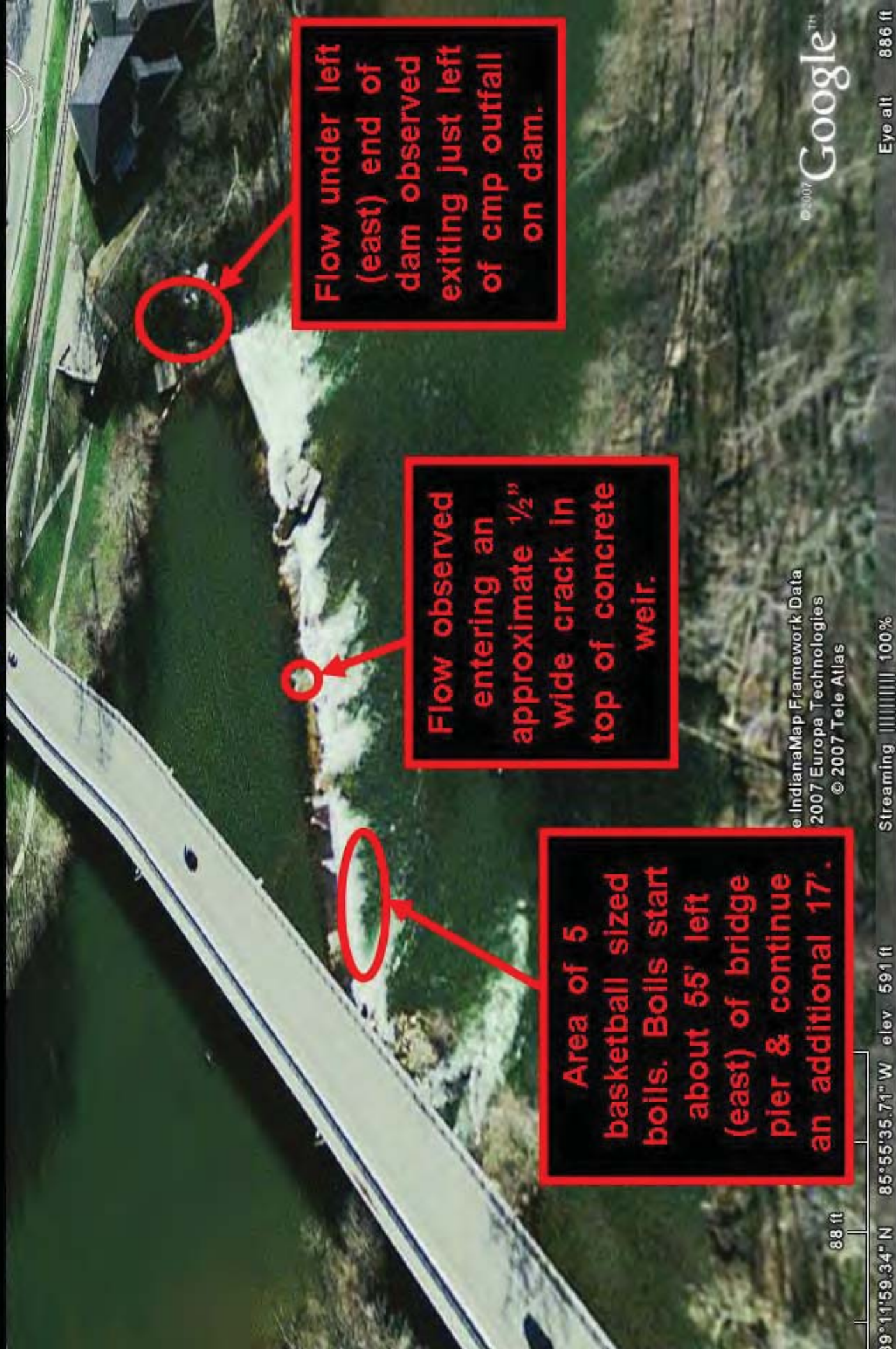


Photos By DLM  
9 19 2007



## East Fork White River (In-Channel) Dam

3-13







Area of 5  
basketball sized  
boils. Boils start  
about 55' left  
(east) of bridge  
pier & continue  
an additional 17'.







Indiana Department of Natural Resources

MAILED JUN 23 2003

Frank O'Bannon, Governor  
John Goss, Director  
Division of Water  
402 W. Washington St., Rm. W264  
Indianapolis, Indiana 46204  
Ph: (317) 232 - 4160  
Fax: (317) 233 - 4579

June 23, 2003

Jerry Coon  
Columbus Board of Public Works & Safety  
123 Washington Street  
Columbus, IN 47201

Dam name: EAST FORK WHITE RIVER DAM (IN-CHANNEL)  
State ID #: 3-13

Dear Jerry Coon:

This letter is to inform you, the dam owner or dam owner's representative, of substantial changes in the State dam safety law that will effect the management of the dam. If you are no longer the dam owner or the owner's representative, please forward this letter to the responsible individual or entity (if possible) and notify Division of Water staff at your earliest convenience.

For many years, the Indiana Department of Natural Resources (IDNR) inspected dams as a service to the owners. Staff routinely reviewed the inspections and deficiencies with the owners and educated them, or their agents, in the principles of dam safety. Over the years more dams were constructed and development downstream of these impoundments occurred. There are currently over 1100 high, significant, and low hazard dams within IDNR's jurisdiction.

### 2002 Law Changes

In 2002, the General Assembly amended the Dam, Dikes, and Levees Regulation Act, IC 14-27-7, to address dikes and levees and enacted new legislation focused on dams, IC 14-27-7.5. Owners of high hazard dams are now required to have a licensed professional engineer inspect their dams and submit reports to the Department once every two (2) years.

By statute a high hazard dam is defined as "a structure the failure of which may cause the loss of life and serious damage to homes, industrial and commercial buildings, public utilities, major highways, or railroads." It is important to note that while your dam may now be rated significant or low, construction or placement of a house or other structures downstream of your dam could change the hazard classification to high, which will require you to hire a consultant to perform future inspections.

The 2002 amendment also extended the frequency of dam inspections from two years (2) to three (3) for significant hazard dams, and from two (2) years to five (5) years for low hazard dams.



**LOW HAZARD IN-CHANNEL DAM VISUAL INSPECTION REPORT**  
(Primarily non-embankment structures)

DAM NAME: East Fork of the White River DATE: 7-24-02 I.D.# 3-13

NEAREST TOWN  
OR LANDMARK: Columbus COUNTY: Bartholomew

NW 1/4, NW 1/4, SEC. 25, T 9 N, R 5 W UTMN 4339400 UTME 592470

QUAD. Columbus STREAM East Fork of the White River

ACCESS NOTES: Third st. just south of the railroad

OWNER'S NAME: City of Columbus - Board of Public Works and safety TELEPHONE \_\_\_\_\_

ADDRESS: City Hall, 123 Washington St. Columbus, IN. 47201

OWNERSHIP HISTORY: John Lindsey was authorized to run a ferry in 1821, the dam area was owned by the city, the dam was built by the city to provide water for their plant, the intake facilities are no longer used.

DAM HISTORY HIGHLIGHTS There is a small park just upstream of the dam. Signs have been posted at the site and also upstream.

DESCRIP. OF STRUCTURE: This is a concrete dam across the East Fork of the White River. The dam was constructed for water supply, that is no longer used or maintained. There are cracks and spalling of the

LENGTH OF	TOTAL	OVERFLOW 1st tier	3ft.	TOP
OVERFLOW: <u>450 ft.</u>	LENGTH: <u>500 ft.</u>	HEIGHT 2nd tier	<u>4ft.</u>	WIDTH <u>4 feet</u>

APPURTENANT WORKS Water works intake no longer used.

DESCRIP. OF ABUTMENTS: Concrete wingwalls and endwalls - poor condition

FOUNDATION/ABUTMENT MATERIALS Soils that require stone riprap for erosion protection.

\* Concrete and some undermining at the left end, The dam appears to be conditionally poor.



FIELD CONDITIONS: Dry

CONDITION OF OVERFLOW SECTION poor condition

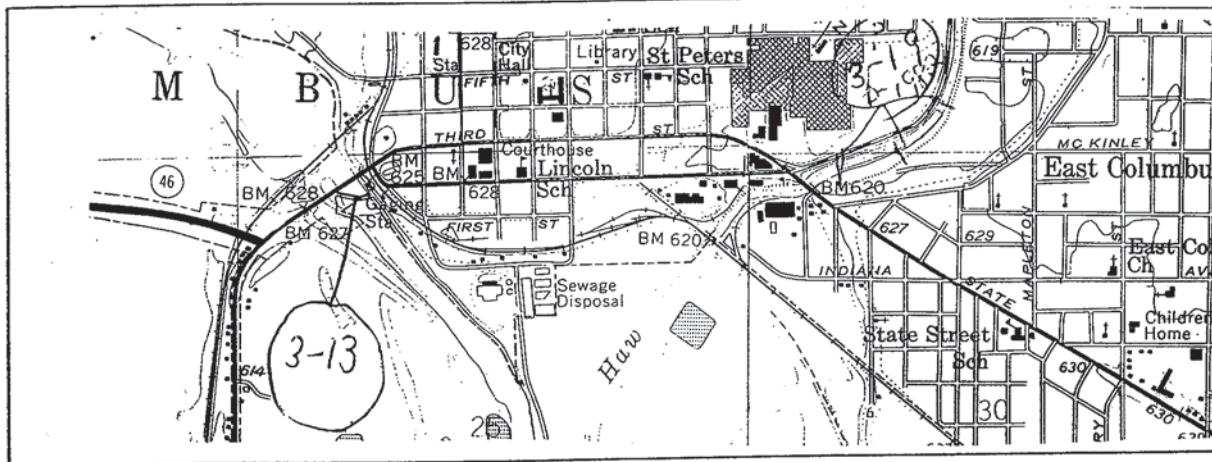
CONDITION OF ABUTMENTS: poor condition

CONDITION OF APPURTENANT WORKS: Poor condition

MAINTENANCE: Maintenance performed as problem develop.

OVERALL  
CONDITION: poor

SKETCH



RECOMMENDATIONS:

CLEAR DEBRIS OFF OF STRUCTURE

REPAIR

HIRE A PROFESSIONAL ENGINEER TO DEVELOP RECONSTRUCTION PLANS

☒ OTHER consideration of a breach might be an alternative.

INSPECTOR Robert M. Gray OWNER City of Columbus

IMPORTANT: THIS REPORT NOTES THE OBVIOUS SURFICIAL CONDITIONS AT THE DATE OF THE VISUAL INSPECTION. WATER, DE: SNOW, ETC. FREQUENTLY COVER AND HIDE SERIOUS PROBLEMS WITH THESE DAMS. THE OWNER SHOULD OBTAIN A PROFESSIONI ENGINEER EXPERIENCED IN DAMS OF THIS KIND TO MAKE A DETAILED INSPECTION AND EVALUATION OF THE ENTIRE STRUCTU

NOTE: ALTHOUGH FAILURE OF A LOWHAZARD IN-CHANNEL DAMS DOES NOT TYPICALLY PRESENT A SIGNIFICANT DOWNSTREAM THESE STRUCTURES ARE DANGEROUS DROWNING HAZARDS. THE OWNER SHOULD POST APPROPRIATE SINNAGE AND LIMIT ACC THE STRUCTURE TO PREVENT INJURY OR DEATH.

Signs have been installed.



**LOW HAZARD IN-CHANNEL DAM VISUAL INSPECTION REPORT**  
(Primarily non-embankment structures)

DAM NAME: East Fork of White River Dam DATE: 4-16-01 I.D.# 3-13  
NEAREST TOWN  
OR LANDMARK: Columbus COUNTY: Bartholomew  
NW 1/4, NW 1/4, SEC. 25, T 9 N, R 5 E UTMN 4339400 UTME 592470  
QUAD. Columbus STREAM East Fork of the White River  
ACCESS NOTES: Third St. just south of railroad

.....  
OWNER'S NAME: City of Columbus  
Board of Public Works and Safety TELEPHONE \_\_\_\_\_  
ADDRESS: City Hall, 123 Washington St., Columbus, IN. 47201  
OWNERSHIP HISTORY: John Linsey was authorized to run a ferry in 1821, the dam area was owned by the City, the dam was built by the city to provide water for their plant, the intake facilities are no longer used.

DAM HISTORY HIGHLIGHTS There is a small park just upstream. There is a small aluminum boat staked near by which may be for safety. Signs have been posted at the site and also upstream.

DESCRIP. OF STRUCTURE: This is a concrete dam across the East Fork of the White River. The dam was constructed for water supply, that is no longer used or maintained. There is considerable cracking and spalling of  
LENGTH OF OVERFLOW: 450 ft TOTAL LENGTH: 500 ft OVERFLOW HEIGHT: First tier 3 ft TOP 2nd tier 4 ft WIDTH: 4 feet

APPURTENANT WORKS Water works intake no longer used

DESCRIP. OF ABUTMENTS: Concrete wingwall & endwalls - poor condition

FOUNDATION/ABUTMENT MATERIALS clay loam - requiring stone riprap

\* concrete, and some undermining at the left end. The right end is made of boulders. The dam appears conditionally poor.



FIELD CONDITIONS: Dry

CONDITION OF OVERFLOW SECTION Poor condition

CONDITION OF ABUTMENTS: Poor condition

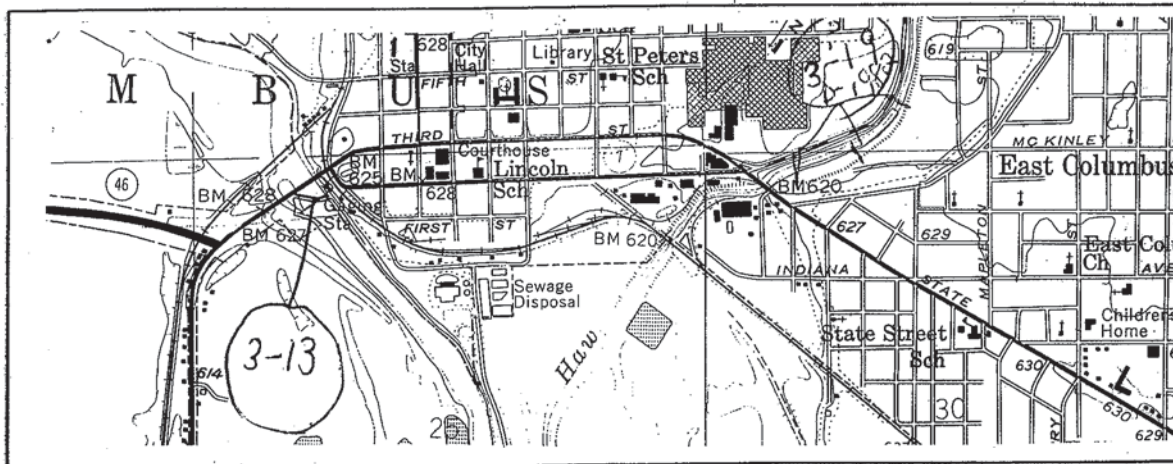
CONDITION OF APPURTENANT WORKS: Poor condition

MAINTENANCE: Not performed except for the signs, although there was very little debris on the dam.

OVERALL

CONDITION: poor

#### SKETCH



#### RECOMMENDATIONS:

CLEAR DEBRIS OFF OF STRUCTURE

REPAIR

HIRE A PROFESSIONAL ENGINEER TO DEVELOP RECONSTRUCTION PLANS

☒ OTHER consideration of a breach might be an alternative.

INSPECTOR Robert M. Gray

OWNER City of Columbus

IMPORTANT: THIS REPORT NOTES THE OBVIOUS SURFICIAL CONDITIONS AT THE DATE OF THE VISUAL INSPECTION. WATER, DEBRIS, SNOW, ETC. FREQUENTLY COVER AND HIDE SERIOUS PROBLEMS WITH THESE DAMS. THE OWNER SHOULD OBTAIN A PROFESSIONAL ENGINEER EXPERIENCED IN DAMS OF THIS KIND TO MAKE A DETAILED INSPECTION AND EVALUATION OF THE ENTIRE STRUCTURE.

NOTE: ALTHOUGH FAILURE OF A LOWHAZARD IN-CHANNEL DAMS DOES NOT TYPICALLY PRESENT A SIGNIFICANT DOWNSTREAM THREAT, THESE STRUCTURES ARE DANGEROUS DROWNING HAZARDS. THE OWNER SHOULD POST APPROPRIATE WARNING AND LIMIT ACCESS TO THE STRUCTURE TO PREVENT INJURY OR DEATH.

Signs have been installed.







State of Indiana  
DEPARTMENT OF NATURAL RESOURCES  
Division of Water

**DEPARTMENT MEMORANDUM**

**Date:** September 29, 1998

**To:** George W. Crosby, C.P.G.  
Head, Dam and Levee Safety Section  
Engineering Branch

**From:** Robert M. Gray *RMG*  
Dam Inspector  
Engineering Branch

**Subject:** East Fork White River Dam 3-13, Bartholomew County

On September 29, 1998, an inspection of the above subject structure was made. It is located NW<sup>1</sup>/<sub>4</sub>, NW<sup>1</sup>/<sub>4</sub>, Sec. 25, T.9N., R.5E., on the south side of the Indiana State Road 46.

It is a concrete dam for water supply that is no longer used or maintained. The right end is made of boulders. There is considerable cracking and spalling of the concrete, and some undermining at the left end. No serious changes noted since the last inspection. The dam appears to be in poor condition.

Signs are in place warning people of possible dangers.

The dam is owned by the Board of Public Works and Safety, City of Columbus.

Photos were taken.

RMG/dm









INDIANA DEPARTMENT OF NATURAL RESOURCES

PATRICK R. RALSTON, DIRECTOR

Division of Water  
402 W. Washington St., Rm. W264  
Indianapolis, Indiana 46204-2748  
317-232-4160  
FAX: 317-233-4579

November 20, 1996

Jerry Coon, Safety Director  
City Hall  
123 Washington Street  
Columbus, Indiana 47201

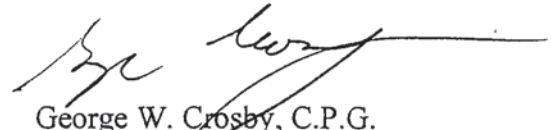
Re: East Fork White River Dam  
Bartholomew Co. 3-13

Dear Mr. Coon:

As required by IC 14-27-7, the "Commission is hereby authorized and directed to make an engineering inspection of all dams, levees, dikes, and floodwalls and appurtenant works". In accordance with the above law, an inspection of the East Fork White River Dam was made on October 7, 1996, and a copy of the Department Memorandum is enclosed.

If you have any questions, please do not hesitate to contact Mr. Edwin B. Vician, P.E., Dam and Levee Safety Section, Division of Water, 402 W. Washington St., Room W264, Indianapolis, Indiana 46204, telephone (317) 232-4170.

Sincerely,



George W. Crosby, C.P.G.  
Head, Dam and Levee Safety Section  
Division of Water

GWC/EHV/dm  
Enclosure: Department Memorandum

"EQUAL OPPORTUNITY EMPLOYER"



PRINTED ON RECYCLED PAPER



State of Indiana  
DEPARTMENT OF NATURAL RESOURCES  
Division of Water

**DEPARTMENT MEMORANDUM**

**Date:** October 7, 1996

**To:** George W. Crosby, C.P.G.  
Head, Dam and Levee Safety Section  
Engineering Branch

**From:** Ernest H. Vandivier  
Dam Inspector  
Engineering Branch

**Subject:** East Fork White River Dam 3-13, Bartholomew County

On October 7, 1996, an inspection of the above subject structure was made. It is located NW¼, NW¼, Sec. 25, T.9N., R.5E., on the south side of the Indiana State Road 46.

It is a concrete dam for water supply that is no longer used or maintained. The right end is made of boulders. There is considerable cracking and spalling of the concrete, and some undermining at the left end. No serious changes noted since the last inspection. The dam appears to be in poor condition.

Lowhead inchannel dams such as this one do not look particularly dangerous, but at higher water levels are dangerous drowning hazards on a river/stream. The hydraulic jump with an accompanying back wash makes it almost impossible for anyone to escape. The apparent safety problem would be critical to boaters and anyone in and around the water during high water. The owner may want to post signs to warn of this hazard. The owner may want to take photos of the signs in case they are torn down.

The dam is owned by the Board of Public Works and Safety, City of Columbus.

Photos were taken.

EHV/dm





City of Columbus  
City Garage

January 7, 1997

John Sccor  
Indiana Railroad  
2500 Old US 31  
Jeffersonville, IN 47130

Dear Mr. Sccor:

This letter is in reference to the signs posted on the railroad bridge in Columbus, Indiana, just north of the 3rd Street bridge.

We apologize for not notifying the railroad of our intentions and appreciate you allowing us keep the signs posted there.

Enclosed is a copy of the letter we received from the D.N.R. explaining to us the dangers of a lowhead dam and the City of Columbus took immediate steps to correct the safety problem.

Signs were posted to let people in boats know there is a danger of a lowhead dam ahead. The railroad bridge was the only source we found to mount the signs on as the 3rd Street bridge didn't give boaters enough notice of the dam ahead.

The City of Columbus assumes responsibility and will monitor and maintain the signs.

In the future if this causes a problem please let me know and we will work together to resolve the problem. Thank you for your patience and cooperation.

Respectfully,

Mike Patterson  
Traffic Foreman

MP/cp

cc: file

Enclosures: 2







INDIANA DEPARTMENT OF NATURAL RESOURCES

PATRICK R. RALSTON, DIRECTOR

Division of Water  
402 W. Washington St., Rm. W264  
Indianapolis, Indiana 46204-2748  
317-232-4160  
FAX: 317-233-4579

November 20, 1996

Jerry Coon, Safety Director  
City Hall  
123 Washington Street  
Columbus, Indiana 47201

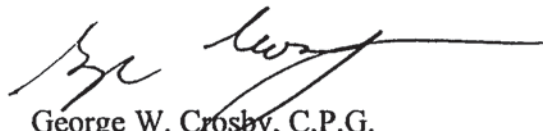
Re: East Fork White River Dam  
Bartholomew Co. 3-13

Dear Mr. Coon:

As required by IC 14-27-7, the "Commission is hereby authorized and directed to make an engineering inspection of all dams, levees, dikes, and floodwalls and appurtenant works". In accordance with the above law, an inspection of the East Fork White River Dam was made on October 7, 1996, and a copy of the Department Memorandum is enclosed.

If you have any questions, please do not hesitate to contact Mr. Edwin B. Vician, P.E., Dam and Levee Safety Section, Division of Water, 402 W. Washington St., Room W264, Indianapolis, Indiana 46204, telephone (317) 232-4170.

Sincerely,

  
George W. Crosby, C.P.G.  
Head, Dam and Levee Safety Section  
Division of Water

GWC/EHV/dm  
Enclosure: Department Memorandum

"EQUAL OPPORTUNITY EMPLOYER"



PRINTED ON RECYCLED PAPER



State of Indiana  
DEPARTMENT OF NATURAL RESOURCES  
Division of Water

**DEPARTMENT MEMORANDUM**

**Date:** October 7, 1996

**To:** George W. Crosby, C.P.G.  
Head, Dam and Levee Safety Section  
Engineering Branch

**From:** Ernest H. Vandivier  
Dam Inspector  
Engineering Branch

**Subject:** East Fork White River Dam 3-13, Bartholomew County

On October 7, 1996, an inspection of the above subject structure was made. It is located NW $\frac{1}{4}$ , NW $\frac{1}{4}$ , Sec. 25, T.9N., R.5E., on the south side of the Indiana State Road 46.

It is a concrete dam for water supply that is no longer used or maintained. The right end is made of boulders. There is considerable cracking and spalling of the concrete, and some undermining at the left end. No serious changes noted since the last inspection. The dam appears to be in poor condition.

Lowhead inchannel dams such as this one do not look particularly dangerous, but at higher water levels are dangerous drowning hazards on a river/stream. The hydraulic jump with an accompanying back wash makes it almost impossible for anyone to escape. The apparent safety problem would be critical to boaters and anyone in and around the water during high water. The owner may want to post signs to warn of this hazard. The owner may want to take photos of the signs in case they are torn down.

The dam is owned by the Board of Public Works and Safety, City of Columbus.

Photos were taken.

EHV/dm





INDIANA DEPARTMENT OF NATURAL RESOURCES

PATRICK R. RALSTON, DIRECTOR

Division of Water  
402 W. Washington St., Rm. W264  
Indianapolis, Indiana 46204-2748  
317-232-4160  
FAX: 317-233-4579

April 17, 1995

Jerry Coon, Safety Director  
City Hall  
123 Washington Street  
Columbus, IN 47201

Re: East Fork White River Dam  
3-13 Bartholomew County

Dear Mr. Coon:

As required by Section 4, IC 13-2-20, the "Commission is hereby authorized and directed to make an engineering inspection of all dams, levees, dikes, and floodwalls and appurtenant works". In accordance with the above law, an inspection of the East Fork White River Dam was made on December 12, 1994, and a copy of the Department Memorandum is enclosed.

If you have any questions, please do not hesitate to contact Mr. Edwin B. Vician, P.E., Dam and Levee safety Section, Division of Water, 402 W. Washington St., Room W264, Indianapolis, Indiana 46204, telephone (317) 232-4170.

Sincerely,

George W. Crosby, C.P.G.  
Head, Dam and Levee Safety Section  
Division of Water

GWC/EHV/dm  
Enclosure: Department Memorandum

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State of Indiana  
DEPARTMENT OF NATURAL RESOURCES  
Division of Water

**DEPARTMENT MEMORANDUM**

**To:** George W. Crosby, C.P.G. *GWC*  
Head, Dam and Levee Safety Section  
Engineering Branch

**Date:** January 30, 1995  
**From:** Ernest H. Vandivier *EHV*  
Dam Inspector  
Engineering Branch

**Subject:** East Fork White River Dam 3-13, Bartholomew County

On December 12, 1994, an inspection of the above subject structure was made. It is located NW $\frac{1}{4}$ , NW $\frac{1}{4}$ , Sec. 25, T.9N., R.5E., on the south side of the Indiana State Road 46.

It is a concrete dam for water supply that is no longer used or maintained. The right end is made of boulders. There is considerable cracking and spalling of the concrete, and some undermining at the left end. The dam appears to be in conditionally poor condition.

The dam is owned by the Board of Public Works and Safety, City of Columbus.

Photos were taken.

EHV/dm





INDIANA DEPARTMENT OF NATURAL RESOURCES

PATRICK R. RALSTON, DIRECTOR

Division of Water  
402 W. Washington St., Rm. W264  
Indianapolis, Indiana 46204-2748  
317-232-4160  
FAX: 317-233-4579

October 22, 1996

Jerry Coon, Safety Director  
City Hall  
123 Washington Street  
Columbus, Indiana 47201

Re: East Fork White River Dam  
Bartholomew Co. 3-13

Dear Mr. Coon:

As required by IC 14-27-7, the "Commission is hereby authorized and directed to make an engineering inspection of all dams, levees, dikes, and floodwalls and appurtenant works". In accordance with the above law, an inspection of the East Fork White River Dam was made on October 7, 1996, and a copy of the Department Memorandum is enclosed.

If you have any questions, please do not hesitate to contact Mr. Edwin B. Vician, P.E., Dam and Levee Safety Section, Division of Water, 402 W. Washington St., Room W264, Indianapolis, Indiana 46204, telephone (317) 232-4170.

Sincerely,

George W. Crosby, C.P.G.  
Head, Dam and Levee Safety Section  
Division of Water

GWC/EHV/dm  
Enclosure: Department Memorandum

"EQUAL OPPORTUNITY EMPLOYER"



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State of Indiana  
DEPARTMENT OF NATURAL RESOURCES  
Division of Water

**DEPARTMENT MEMORANDUM**

**Date:** October 7, 1996

**To:** George W. Crosby, C.P.G.  
Head, Dam and Levee Safety Section  
Engineering Branch

**From:** Ernest H. Vandivier *EHV*  
Dam Inspector  
Engineering Branch

**Subject:** East Fork White River Dam 3-13, Bartholomew County

On October 7, 1996, an inspection of the above subject structure was made. It is located NW $\frac{1}{4}$ , NW $\frac{1}{4}$ , Sec. 25, T.9N., R.5E., on the south side of the Indiana State Road 46.

It is a concrete dam for water supply that is no longer used or maintained. The right end is made of boulders. There is considerable cracking and spalling of the concrete, and some undermining at the left end. No serious changes noted since the last inspection. The dam appears to be in poor condition.

The dam is owned by the Board of Public Works and Safety, City of Columbus.

Photos were taken.

EHV/dm



INSPECTION REPORT  
EARTHFILL DAMS AND APPURTENANT WORKS

Name of dam Flat Rock River dam

Date 6-28-83

Owner \_\_\_\_\_

Docket No. Not Req.

Address \_\_\_\_\_

County Bartholomew 3-13

1. CONDITION OF UPSTREAM (LAKESIDE) SLOPE OF DAM

Grass cover \_\_\_\_\_

Erosion \_\_\_\_\_

Drift and debris \_\_\_\_\_

Animal burrows \_\_\_\_\_

Slope protection \_\_\_\_\_

Slumps, slides, cracks \_\_\_\_\_

Necessary corrective measures needed \_\_\_\_\_

Concrete dam for water supply is no longer used or maintained.

2. CONDITION OF DOWNSTREAM SLOPE OF DAM

Grass cover \_\_\_\_\_

Erosion \_\_\_\_\_

Seepage \_\_\_\_\_

Animal burrows \_\_\_\_\_

Slumps, slides, cracks \_\_\_\_\_

Necessary corrective measures needed \_\_\_\_\_

3. CONDITION OF CROWN (TOP) OF DAM

Grass cover \_\_\_\_\_

Animal burrows \_\_\_\_\_

Erosion and/or cracks \_\_\_\_\_

Necessary corrective measures needed \_\_\_\_\_

(See reverse side for continuation)

INSPECTION REPORT  
EARTHFILL DAMS AND APPURTENANT WORKS

Name of dam Flat Rock River Dam

Date Nov. 27, 1981

Owner City of Columbus, Indiana

Docket No. \_\_\_\_\_

Address \_\_\_\_\_

County Bartholomew 3-13

1. CONDITION OF UPSTREAM (LAKESIDE) SLOPE OF DAM

Grass cover \_\_\_\_\_  
Erosion \_\_\_\_\_  
Drift and debris \_\_\_\_\_  
Animal burrows \_\_\_\_\_  
Slope protection \_\_\_\_\_  
Slumps, slides, cracks \_\_\_\_\_  
Necessary corrective measures needed \_\_\_\_\_  
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2. CONDITION OF DOWNSTREAM SLOPE OF DAM

Grass cover \_\_\_\_\_  
Erosion \_\_\_\_\_  
Seepage \_\_\_\_\_  
Animal burrows \_\_\_\_\_  
Slumps, slides, cracks \_\_\_\_\_  
Necessary corrective measures needed \_\_\_\_\_  
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3. CONDITION OF CROWN (TOP) OF DAM

Grass cover \_\_\_\_\_  
Animal burrows \_\_\_\_\_  
Erosion and/or cracks \_\_\_\_\_  
Necessary corrective measures needed \_\_\_\_\_  
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(See reverse side for continuation)



4. CONDITION OF PRINCIPAL SPILLWAY. Type \_\_\_\_\_  
Description \_\_\_\_\_

Necessary corrective measures needed \_\_\_\_\_

5. CONDITION OF EMERGENCY SPILLWAY. Type \_\_\_\_\_  
Description \_\_\_\_\_

Necessary corrective measures needed \_\_\_\_\_

6. GENERAL COMMENTS

Water supply dam approximately six feet high.

Concrete is showing extensive cracking and spalling.

There is strong flow under the dam near the left abutment.  
No noticeable change from a year ago.

Inspected by

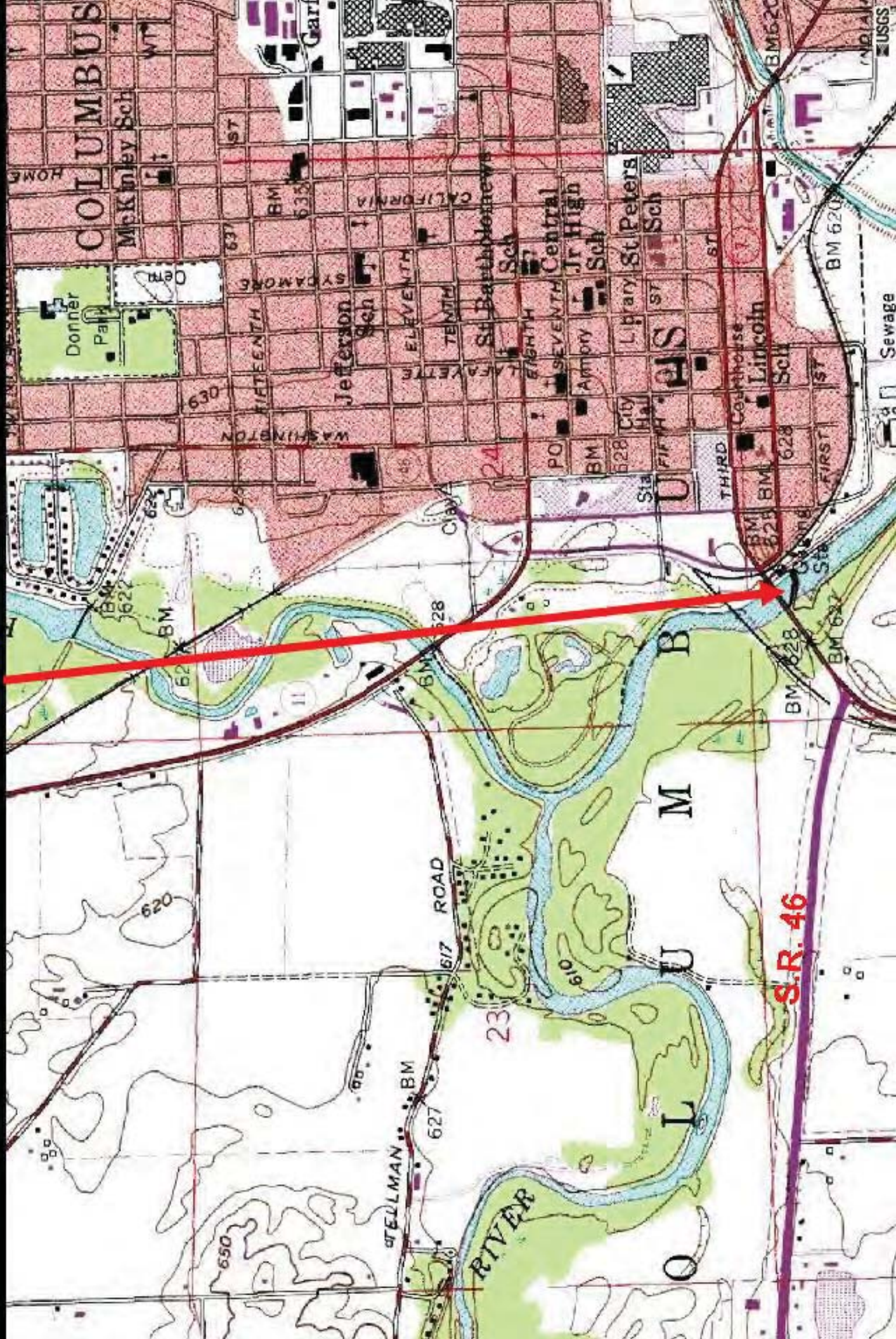
*Robert Dryden*  
Robert Dryden

1 copy-owner  
1 copy-inspection file



# East Fork White River (In-Channel) Dam

3-13





# East Fork White River (In-Channel) Dam

3-13





STATE OF INDIANA  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF WATER  
402 West Washington, Room W264  
Indianapolis, IN 46204

**DNR**

Date 11-12-97

TO MR. CARL MISKE

FAX # 812/378-3991

FROM EDWIN B. VICIANI

FAX # 317-233-4579

MESSAGE: MR. MISKE,

HOPEFULLY, THIS WILL SERVE  
YOUR NEEDS.

SL

NUMBER OF PAGES <sup>3</sup>2 INCLUDING COVER SHEET

IF YOU HAVE ANY PROBLEM IN RECEIVING THIS MESSAGE

CALL (317) 232-4160.