

OFFICE OF
KOSCIUSKO COUNTY HEALTH DEPARTMENT

FIRST FLOOR ROOM 20
WARSAW, INDIANA 46580

COURT HOUSE-PHONE 267-4444 (EXT. 223)

August 29, 1980

Mr. Ronald Corson
Rural Route #2, Box 454
Syracuse
Indiana 46567

Ron,

Phoned you 2 times and thought perhaps message not clear.

We can make a second sampling of Papakeechee next Thursday, September 4, if you want to.

It is normal procedure to do so to validate and/or make comparison results.

I know you (?) will be unavailable to assist during "working" hours. However, it could be possible to do samplings early evening on this date, September 4, 1980.

Please let me know by Wednesday, September 3.

Thank you.

Sincerely,



Robert C. Nelson, Sanitarian

Phone: Office - 267-4444
Ask operator for
Co. Health Dept.

Home: 594-2724

RCN/mj

Kosciusko Co. WATER SAMPLE IDENTIFICATION SHEET

Base Kiosk #1 area

Sample Site Papaheadie Lake
Red A frame with
stone set wall

Station Number 1

Sample Date 7 24 1980 1:15 P.M.
Mo. Day Yr. AM/PM
11-12 13-14 15-16

Supervisor Conrad Shawman

Collector(s) R. Nelson - AL Lowe

Delivered to lab 7 25 1980 AM/PM
Mo. Day Yr. AM/PM

By H. Eickholtz, JSBK

Kind Lot No. Amount

Preservatives Added: none

Sample Chlorinated Not Chlorinated
Field Lab

No. of 1 Liter Plastic Bottles _____
No. of 2 Liter Plastic Bottles _____
No. of Bacteriological Bottles 1
No. of Glass Jars or Bottles _____
Total 1

Standard Procedure Followed All Some None

NPDES Number 4 1-7 Outfall 8-10

- | | | | |
|----|--|----|---|
| 17 | 1. NPDES
2. SPC-15
3. WQ Study
4. Pollution complaint
5. Fish kill investigation | 18 | 1. Industry
2. Semi-Public
3. Municipal
4. Federal
5. Public Water Supply
6. State operation
7. Other |
|----|--|----|---|

- | | | | |
|-----------|--|-----------|---------------------------|
| <u>1</u> | Sample Type
1. Grab
2. 24-hour comp.
3. 8-hour comp.
4. 24-hour flow comp.
5. 8-hour flow comp. | _____ | Sample Interval |
| <u>21</u> | 0 - at outfall
1 - above outfall
2 - below outfall | <u>20</u> | Stream miles from outfall |

LAB INFORMATION

Lab No. 2502 Date Aug 25 1980
Rec'd by [Signature] Day Yr. AM/PM
Temp of samples when received _____

Comments:

CODE	PARAMETERS	UNITS	LAB DATA
28-32 00410	Alkalinity Total CaCO ₃	mg/l	34-41
00610	Ammonia-N	mg/l	
01002	Arsenic	ug/l	
00310	BOD ₅	mg/l	
01027	Cadmium	ug/l	
00940	Chlorides	mg/l	
01032	Chromium-Hex	ug/l	
01034	Chromium-Tot	ug/l	
00335	COD	mg/l	
01042	Copper	ug/l	
00720	Cyanide-CN	mg/l	
00951	Fluoride	mg/l	
01045	Iron	ug/l	
01051	Lead	ug/l	
01055	Manganese	ug/l	
71900	Mercury	ug/l	
01067	Nickel	ug/l	
00630	NO ₂ +NO ₃ -N	mg/l	
00550	Oil & Grease	mg/l	
00403	pH (lab)		
32730	Phenol	ug/l	
00665	Phosphorus-P	ug/l	
00530	Solids - Susp	mg/l	
00500	Solids (Total)	mg/l	
00945	Sulfate	mg/l	
00625	TKN	mg/l	
00680	TOC	mg/l	
01092	Zinc	ug/l	
31616	Fecal coliform	100 ml	<u>2/0</u>

REPORTED
AUG 8 1980
WATER LABORATORY
IND. STATE BD. OF HEALTH

George Fanni #1

Kosciusko Co. WATER SAMPLE IDENTIFICATION SHEET

Sample Site Papakeedie Lake
Pick House with White
Trim

Station Number 2

Sample Date 7 24 1980 1:22
 Mo. Day Yr. AM/PM
 11-12 13-14 15-16

Supervisor Ernest Sherman

Collector(s) R. Nelson - Allouez, Head Dept

Delivered to lab 7 25 1980 2:00
 Mo. Day Yr. AM/PM

By H. Eickhoff, ISBH

Preservatives Added: _____

Sample Chlorinated _____ Not Chlorinated

	Kind	Lot No.	Amount
No. of 1 Liter Plastic Bottles	_____	_____	_____
No. of 2 Liter Plastic Bottles	_____	_____	_____
No. of Bacteriological Bottles	_____	_____	<u>1</u>
No. of Glass Jars or Bottles	_____	_____	_____
Total	_____	_____	<u>1</u>

Standard Procedure Followed All Some None

NPDES Number 4 1-7 Outfall 8-10

- | | |
|---|--|
| <ul style="list-style-type: none"> 17 1. NPDES 2. SPC-15 3. WQ Study 4. Pollution complaint 5. Fish kill investigation | <ul style="list-style-type: none"> 18 1. Industry 2. Semi-Public 3. Municipal 4. Federal 5. Public Water Supply 6. State operation 7. Other |
|---|--|

- | | | |
|---|--|---|
| <ul style="list-style-type: none"> 19 Sample Type 1. Grab 2. 24-hour comp. 3. 8-hour comp. 4. 24-hour flow comp. 5. 8-hour flow comp. | <ul style="list-style-type: none"> 20 Sample Interval 0 - at outfall 1 - above outfall 2 - below outfall | <ul style="list-style-type: none"> 22-26 Stream miles from outfall |
|---|--|---|

LAB INFORMATION 25 1980

Lab No. 2501 Date 7/25/80
 Mo. Day Yr. AM/PM

Rec'd by [Signature]

Temp of samples when received _____

Comments: _____

CODE	PARAMETERS	UNIT	LAB DATA
28-32 00410	Alkalinity Total CaCO ₃	mg/l	34-41
00610	Ammonia-N	mg/l	
01002	Arsenic	ug/l	
00310	BOD ₅	mg/l	
01027	Cadmium	ug/l	
00940	Chlorides	mg/l	
01032	Chromium-Hex	ug/l	
01034	Chromium-Tot	ug/l	
00335	COD	mg/l	
01042	Copper	ug/l	
00720	Cyanide-CN	mg/l	
00951	Fluoride	mg/l	
01045	Iron	ug/l	
01051	Lead	ug/l	
01055	Manganese	ug/l	
71900	Mercury	ug/l	
01067	Nickel	ug/l	
00630	NO ₂ +NO ₃ -N	mg/l	
00550	Oil & Grease	mg/l	
00403	pH (lab)		
32730	Phenol	ug/l	REPORTED
00665	Phosphorus-P	mg/l	AUG 8 1980
00530	Solids - Susp	mg/l	
00500	Solids (total)	mg/l	WATER LABORATORY IND. STATE BD. OF HEALTH
00945	Sulfate	mg/l	
00625	TKN	mg/l	
00680	TOC	mg/l	
01092	Zinc	ug/l	
31616	Fecal coliform	100 ml	<input checked="" type="checkbox"/> <u><10</u>

Part to May/June
over

Kosciusko Co WATER SAMPLE IDENTIFICATION SHEET
 Sample Site Paykeevie Lake

2 Iron Brick with Yellow Trace
Stone Sewerall

Station Number 3

Sample Date 7 27 1980 Lizy Pink
 Mo. Day Yr. AM/PM

Supervisor Carroll Skermer

Collector(s) R. Nelson - Allowe - Health Dept.

Delivered to lab 7 25 1980 2:00
 Mo. Day Yr. AM/PM

By H. Eickholtz, AS & A

Preservatives Added: _____

Sample Chlorinated _____ Not Chlorinated
 Field Lab

No. of 1 Liter Plastic Bottles _____
 No. of 2 Liter Plastic Bottles _____
 No. of Bacteriological Bottles _____ /
 No. of Glass Jars or Bottles _____ /
 Total _____ /

Standard Procedure Followed All Some None

NPDES Number 1-7 Outfall 8-10

- | | |
|---|--|
| <p><u>4</u></p> <p>17</p> <p>1. NPDES</p> <p>2. SPC-15</p> <p>3. WQ Study</p> <p>4. Pollution complaint</p> <p>5. Fish kill investigation</p> | <p>18</p> <p>1. Industry</p> <p>2. Semi-Public</p> <p>3. Municipal</p> <p>4. Federal</p> <p>5. Public Water Supply</p> <p>6. State operation</p> <p>7. Other</p> |
| <p><u>1</u></p> <p>19</p> <p>Sample Type</p> <p>1. Grab</p> <p>2. 24-hour comp.</p> <p>3. 8-hour comp.</p> <p>4. 24-hour flow comp.</p> <p>5. 8-hour flow comp.</p> | <p>20</p> <p>Sample Interval</p> |
| <p><u>21</u></p> <p>1 - above outfall</p> <p>2 - below outfall</p> | <p>22-26</p> <p>Stream miles from outfall</p> |

LAB INFORMATION

Lab No. 2500 Date JUL 25 1980
 Mo. Day Yr. AM/PM

Rec'd by [Signature]

Temp of samples when received _____

Comments: _____

CODE	PARAMETERS	UNIT	LAB DATA
28-32 00410	Alkalinity Total CaCO ₃	mg/l	34-41
00610	Ammonia-N	mg/l	
01002	Arsenic	ug/l	
00310	BOD ₅	mg/l	
01027	Cadmium	ug/l	
00940	Chlorides	mg/l	
01032	Chromium-Hex	ug/l	
01034	Chromium-Tot	ug/l	
00335	COD	mg/l	
01042	Copper	ug/l	
00720	Cyanide-CN	mg/l	
00951	Fluoride	mg/l	
01045	Iron	ug/l	
01051	Lead	ug/l	
01055	Manganese	ug/l	
71900	Mercury	ug/l	
01067	Nickel	ug/l	
00630	NO ₂ +NO ₃ -N	mg/l	
00550	Oil & Grease	mg/l	
00403	pH (at 20°C)	Unitless	
32730	Phenol	ug/l	
00665	Phosphorus	mg/l	
00530	Solids - Suspended	mg/l	
00500	Turbidity	mg/l	
00945	Sulfate	mg/l	
00625	TKN	mg/l	
00680	TOC	mg/l	
01092	Zinc	ug/l	
31616	Fecal coliform	100 ml	✓ < 10

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AUG 8 1980

WATER LABORATORY
IND. STATE BD. OF HEALTH

26

Kosciusko Co. WATER SAMPLE IDENTIFICATION SHEET

Sample Site Papakeechie Lake

Opposite Fish Hatchery

(Nakomis Island) Gray Tower

Station Number 4 sidewalk, concrete

Sample Date 7 24 1980 PM
Mo. 11-12 Day 13-14 Yr. 15-16 AM/PM

Supervisor Carol Starnick

Collector(s) R. Nelson, Al Lowe - Health Dept

Delivered to lab 7 25 1980 AM
Mo. Day Yr. AM/PM

By H. Fischer Jr., ISBH

Preservatives Added: _____

Sample Chlorinated _____ Not Chlorinated
Field Lab

No. of 1 Liter Plastic Bottles _____

No. of 2 Liter Plastic Bottles _____

No. of Bacteriological Bottles _____

No. of Glass Jars or Bottles _____
Total _____

Standard Procedure Followed All _____ Some _____ None _____

NPDES Number 4 1-7 Outfall 8-10
4 1-7 8-10

- 1. NPDES
- 2. SPC-15
- 3. WQ Study
- 4. Pollution complaint
- 5. Fish kill investigation

- 1. Industry
- 2. Semi-Public
- 3. Municipal
- 4. Federal
- 5. Public Water Supply
- 6. State operation
- 7. Other

Sample Type
1. Grab
2. 24-hour comp.
3. 8-hour comp.
4. 24-hour flow comp.
5. 8-hour flow comp.

Sample Interval
0 - at outfall
1 - above outfall
2 - below outfall

Stream miles from outfall
22-26

LAB INFORMATION

Lab No. 2499 Date JUL 20 1980
Mo. Day Yr. AM/PM

Rec'd by [Signature]

Temp of samples when received _____

Comments:

CODE	PARAMETERS	UNIT	LAB DATA
28-32 00410	Alkalinity Total CaCO ₃	mg/l	34-41
00610	Ammonia-N	mg/l	
01002	Arsenic	ug/l	
00310	BOD ₅	mg/l	
01027	Cadmium	ug/l	
00940	Chlorides	mg/l	
01032	Chromium-Hex	ug/l	
01034	Chromium-Tot	ug/l	
00335	COD	mg/l	
01042	Copper	ug/l	
00720	Cyanide-CN	mg/l	
00951	Fluoride	mg/l	
01045	Iron	ug/l	
01051	Lead	ug/l	
01055	Manganese	ug/l	
71900	Mercury	ug/l	
01067	Nickel	ug/l	
00630	NO ₂ +NO ₃ -N	mg/l	
00550	Oil & Grease	mg/l	
00405	PHL Lab	S.U.	
32730	Phenol	ug/l	
00665	Phosphorus-P	mg/l	
00530	Solids (total)	mg/l	
00500	Solids (total)	mg/l	
00945	Sulfate	mg/l	
00625	TKN	mg/l	
00680	TOC	mg/l	
01092	Zinc	ug/l	
31616	Fecal coliform	100 ml	10

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IND. STATE BD. OF HEALTH

WATER SAMPLE IDENTIFICATION SHEET

Sample Site Roscieszka Co. Papakeechee Lake
Stuckman Res., Comau Coast, 1st
floor, Wood siding 2nd story
 Station Number 5

Sample Date 7 24 1980 11:40
 Mo. Day Yr. AM/PM

Supervisor R. Nelson, Milwaukee Health Dept.

Collector(s) Supr., CAROL SHERMAN

Delivered to lab 7 25 1980 AM/PM
 Mo. Day Yr.

By H. Fickelhorst, FSBH

Preservatives Added:	Kind	Lot No.	Amount

Sample Chlorinated Not Chlorinated
 Field Lab

No. of 1 Liter Plastic Bottles _____
 No. of 2 Liter Plastic Bottles _____
 No. of Bacteriological Bottles _____ /
 No. of Glass Jars or Bottles _____ /
 Total _____ /

Standard Procedure Followed All Some None

NPDES Number 1-7 Outfall 8-10

- | | | | |
|-----------|----------------------------|--------------|---------------------------|
| <u>4</u> | 1. NPDES | _____ | 1. Industry |
| <u>17</u> | 2. SPC-15 | <u>18</u> | 2. Semi-Public |
| | 3. WQ Study | | 3. Municipal |
| | 4. Pollution complaint | | 4. Federal |
| | 5. Fish kill investigation | | 5. Public Water Supply |
| | | | 6. State operation |
| <u>1</u> | Sample Type | | 7. Other |
| <u>19</u> | 1. Grab | | |
| | 2. 24-hour comp. | | |
| | 3. 8-hour comp. | | |
| | 4. 24-hour flow comp. | | |
| | 5. 8-hour flow comp. | | |
| | | _____ | Sample Interval |
| | | <u>20</u> | |
| | 0 - at outfall | | |
| <u>21</u> | 1 - above outfall | | Stream miles from outfall |
| | 2 - below outfall | <u>22-26</u> | |

LAB INFORMATION 20 1000
 Lab No. 2498 Date Mo. Day Yr. 10/20
 Rec'd by [Signature]
 Temp of samples when received _____

Comments:

CODE	PARAMETERS	UNIT	LAB DATA
28-32 00410	Alkalinity Total CaCO ₃	mg/l	34-41
00610	Ammonia-N	mg/l	
01002	Arsenic	ug/l	
00310	BOD ₅	mg/l	
01027	Cadmium	ug/l	
00940	Chlorides	mg/l	
01032	Chromium-Hex	ug/l	
01034	Chromium-Tot	ug/l	
00335	COD	mg/l	
01042	Copper	ug/l	
00720	Cyanide-CN	mg/l	
00951	Fluoride	mg/l	
01045	Iron	ug/l	
01051	Lead	ug/l	
01055	Manganese	ug/l	
71900	Mercury	ug/l	
01067	Nickel	ug/l	
00630	NO ₂ +NO ₃ -N	mg/l	
00550	Oil & Grease	mg/l	
00403	pH (lab)		
32730	Phenol	ug/l	
00665	Phosphorus	mg/l	
00530	Solids - Susp	mg/l	
00500	Solids - Tot	mg/l	
00945	Sulfate	mg/l	
00625	TKN	mg/l	
00680	TOC	mg/l	
01092	Zinc	ug/l	
31616	Fecal coliform	100 ms	30

REPORTED
 AUG 8 1980
 WATER LABORATORY
 IND. STATE BD. OF HEALTH

#5 Kosciusko Co. WATER SAMPLE IDENTIFICATION SHEET

Sample Site Spakeedie Lake
Red & White Storage Basin, Red
Brick BAY-B-Q - front tank

Station Number 6

Sample Date 7 24 1980 11:45
 Mo. Day Yr. AM/PM
 11-12 13-14 15-16

Supervisor Carroll Sherman

Collector(s) R. Johnson, M. Lowe - Health Dept.

Delivered to lab 7 25 1980
 Mo. Day Yr. AM/PM

By H. Eckhardt, JSBIF

Kind Lot No. Amount

Preservatives Added: _____

Sample Chlorinated _____ Not Chlorinated
 Field Lab

No. of 1 Liter Plastic Bottles _____
 No. of 2 Liter Plastic Bottles _____
 No. of Bacteriological Bottles _____ /
 No. of Glass Jars or Bottles _____
 Total _____ /

Standard Procedure Followed All Some None

NPDES Number 4 1-7 Outfall 8-10

- | | | | |
|----|--|----|---|
| 17 | 1. NPDES
2. SPC-15
3. WQ Study
4. Pollution complaint
5. Fish kill investigation | 18 | 1. Industry
2. Semi-Public
3. Municipal
4. Federal
5. Public Water Supply
6. State operation
7. Other |
|----|--|----|---|

- | | | | |
|----|--|-------|---------------------------|
| 19 | Sample Type
1. Grab
2. 24-hour comp.
3. 8-hour comp.
4. 24-hour flow comp.
5. 8-hour flow comp. | 20 | Sample Interval |
| 21 | 0 - at outfall
1 - above outfall
2 - below outfall | 22-26 | Stream miles from outfall |

LAB INFORMATION

Lab No. 2497 Date 10/10
 Rec'd by JSB Mo. Day Yr. AM/PM
 Temp of samples when received _____

Comments:

CODE	PARAMETERS	UNIT	LAB DATA
28-32 00410	Alkalinity Total CaCO ₃	mg/l	34-41
00610	Ammonia-N	mg/l	
01002	Arsenic	ug/l	
00310	BOD ₅	mg/l	
01027	Cadmium	ug/l	
00940	Chlorides	mg/l	
01032	Chromium-Hex	ug/l	
01034	Chromium-Tot	ug/l	
00335	COD	mg/l	
01042	Copper	ug/l	
00720	Cyanide-CN	mg/l	
00951	Fluoride	mg/l	
01045	Iron	ug/l	
01051	Lead	ug/l	
01055	Manganese	ug/l	
71900	Mercury	ug/l	
01067	Nickel	ug/l	
00630	NO ₂ +NO ₃ -N	mg/l	
00550	Oil & Grease	mg/l	
00403	pH (lab)	S.U.	
32730	Phenol	ug/l	
00665	Phosphate	mg/l	
00530	Susp	mg/l	
00500	Solids (total)	mg/l	
00945	Sulfate	mg/l	
00625	TKN	mg/l	
00680	TOC	mg/l	
01092	Zinc	ug/l	
31616	Fecal coliform	100 ml	210

REPORTED
 AUG 8 1980
 WATER LABORATORY
 IND. STATE BD. OF HEALTH

#58

Kosciusko Co. WATER SAMPLE IDENTIFICATION SHEET

Sample Site Kopakeedie Lake
(4 Mobile Homes at inlet) At:
small smoke house by post building

Station Number 7

Sample Date 7 24 1980 1:50
 Mo. Day Yr. AM/PM

Supervisor Carroll Sherman

Collector R. Nelson, Alameda-Health Dept.

Delivered to lab 7 25 1980
 Mo. Day Yr. AM/PM

By H. E. Dickolter, ISBH

Kind Lot No. Amount

Preservatives Added:

Sample Chlorinated Not Chlorinated

No. of 1 Liter Plastic Bottles _____
 No. of 2 Liter Plastic Bottles _____
 No. of Bacteriological Bottles 1
 No. of Glass Jars or Bottles _____
 Total 1

Standard Procedure Followed All Some None

NPDES Number 1-7 Outfall 8-10

4 1. NPDES 17 2. SPC-15 18 3. WQ Study 3. Municipal 4. Pollution complaint 4. Federal 5. Fish kill investigation 5. Public Water Supply 6. State operation 7. Other

1 Sample Type 19 1. Grab 2. 24-hour comp. 3. 8-hour comp. 4. 24-hour flow comp. 5. 8-hour flow comp.

21 0 - at outfall 1 - above outfall 2 - below outfall Sample Interval 20 Stream miles from outfall 22-26

LAB INFORMATION
 Lab No. 2506 Date JUL 25 1980
 Rec'd by [Signature] Mo. Day Yr. AM/PM
 Temp of samples when received _____

Comments:

CODE	PARAMETERS	UNIT	LAB DATA
28-32 00410	Alkalinity Total CaCO ₃	mg/l	34-41
00610	Ammonia-N	mg/l	
01002	Arsenic	ug/l	
00310	BOD ₅	mg/l	
01027	Cadmium	ug/l	
00940	Chlorides	mg/l	
01032	Chromium-Hex	ug/l	
01034	Chromium-Tot	ug/l	
00335	COD	mg/l	
01042	Copper	ug/l	
00720	Cyanide-CN	mg/l	
00951	Fluoride	mg/l	
01045	Iron	ug/l	
01051	Lead	ug/l	
01055	Manganese	ug/l	
71900	Mercury	ug/l	
01067	Nickel	ug/l	
00630	NO ₂ +NO ₃ -N	mg/l	
00550	Oil & Grease	mg/l	
00403	pH (lab)	ug/l	
32739	Phenol	ug/l	
00665	Phosphorus-P	mg/l	
00530	Solids - Susp	mg/l	
00500	Solids - Tot	mg/l	
00945	Sulfate	mg/l	
00625	TKN	mg/l	
00680	TOC	mg/l	
01092	Zinc	ug/l	
31616	Fecal coliform	100 ml	<u>4/0</u>

REPORTED
 WATER LABORATORY
 IND. STATE BD. OF HEALTH

#9

Kosciusko Co. WATER SAMPLE IDENTIFICATION SHEET

Sample Site Papakeechee Lake
Aluminum Type Travel Trailer
with Red Stripes

Station Number 8

Sample Date 7 24 1980 1:55
Mo. Day Yr. AM/PM

Supervisor Carroll Swanson

Collector(s) R. Nelson, A. Lowe-Healy, J. Dept.

Delivered to lab 7 25 1980
Mo. Day Yr. AM/PM

By H. Rickoltz, JSB/H

Kind Lot No. Amount

Preservatives Added: _____

Sample Chlorinated _____ Not Chlorinated
Field Lab

No. of 1 Liter Plastic Bottles _____

No. of 2 Liter Plastic Bottles _____

No. of Bacteriological Bottles _____ /

No. of Glass Jars or Bottles _____ /

Total _____ /

Standard Procedure Followed All Some None

NPDES Number 1-7 Outfall 8-10

- | | | | |
|-----------|----------------------------|-----------|------------------------|
| <u>4</u> | 1. NPDES | _____ | 1. Industry |
| <u>17</u> | 2. SPC-15 | <u>18</u> | 2. Semi-Public |
| | 3. WQ Study | | 3. Municipal |
| | 4. Pollution complaint | | 4. Federal |
| | 5. Fish kill investigation | | 5. Public Water Supply |
| | | | 6. State operation |
| | | | 7. Other |

- | | | | |
|-----------|-----------------------|--|-----------------|
| <u>1</u> | Sample Type | | Sample Interval |
| <u>19</u> | 1. Grab | | <u>20</u> |
| | 2. 24-hour comp. | | |
| | 3. 8-hour comp. | | |
| | 4. 24-hour flow comp. | | |
| | 5. 8-hour flow comp. | | |

- | | | | |
|-----------|-------------------|--------------|---------------------------|
| <u>21</u> | 0 - at outfall | | Stream miles from outfall |
| | 1 - above outfall | | |
| | 2 - below outfall | <u>22-26</u> | |

LAB INFORMATION

Lab No. 2505 Date JUL 25 1980
Mo. Day Yr. AM/PM

Rec'd by [Signature]

Temp of samples when received _____

Comments:

CODE	PARAMETERS	UNIT	LAB DATA
28-32 00410	Alkalinity Total CaCO ₃	mg/l	34-41
00610	Ammonia-N	mg/l	
01002	Arsenic	ug/l	
00310	BOD ₅	mg/l	
01027	Cadmium	ug/l	
00940	Chlorides	mg/l	
01032	Chromium-Hex	ug/l	
01034	Chromium-Tot	ug/l	
00335	COD	mg/l	
01042	Copper	ug/l	
00720	Cyanide-CN	mg/l	
00951	Fluoride	mg/l	
01045	Iron	ug/l	
01051	Lead	ug/l	
01055	Manganese	ug/l	
71900	Mercury	ug/l	
01067	Nickel	ug/l	
00630	NO ₂ +NO ₃ -N	mg/l	
00550	Oil & Grease	mg/l	
00403	pH (at)	S. U.	
32730	Phenol	ug/l	
00665	Phosphorus-P	mg/l	
00530	Solids Susp.	mg/l	
00500	Solids (total)	mg/l	
00945	Sulfate	mg/l	
00625	TKN	mg/l	
00680	TOC	mg/l	
01092	Zinc	ug/l	
31616	Fecal coliform	100 <input checked="" type="checkbox"/>	210

REPORTED

AUG 8 1980

WATER LABORATORY
IND. STATE BD. OF HEALTH

R. Davis #4
area

Kosciusko Co.

WATER SAMPLE IDENTIFICATION SHEET

Sample Site Papakeedue Lake
Between small island and
shoreline

Station Number 9

Sample Date 7 24 1980 2:00
Mo. Day Yr. AM/PM

Supervisor Carol Sherman

Collector(s) R. Nelson, Al Lowe - Health Dept

Delivered to lab 7 25 1980 AM/PM
Mo. Day Yr.

By H. Scholtz ISBH

Preservatives Added:	Kind	Lot No.	Amount

Sample Chlorinated Not Chlorinated

	Field	Lab
No. of 1 Liter Plastic Bottles		
No. of 2 Liter Plastic Bottles		
No. of Bacteriological Bottles		1
No. of Glass Jars or Bottles		
Total		1

Standard Procedure Followed All Some None

NPDES Number 4-17 Outfall 8-10

- | | | |
|---|---|---|
| <p><u>4</u></p> <p>17</p> <p><u>1</u></p> <p>19</p> <p>21</p> | <p>1. NPDES</p> <p>2. SPC-15</p> <p>3. WQ Study</p> <p>4. Pollution complaint</p> <p>5. Fish kill investigation</p> <p>Sample Type</p> <p>1. Grab</p> <p>2. 24-hour comp.</p> <p>3. 8-hour comp.</p> <p>4. 24-hour flow comp.</p> <p>5. 8-hour flow comp.</p> <p>0 - at outfall</p> <p>1 - above outfall</p> <p>2 - below outfall</p> | <p>18</p> <p>1. Industry</p> <p>2. Semi-Public</p> <p>3. Municipal</p> <p>4. Federal</p> <p>5. Public Water Supply</p> <p>6. State operation</p> <p>7. Other</p> <p>Sample Interval</p> <p>20</p> <p>Stream miles from outfall</p> <p>22-26</p> |
|---|---|---|

LAB INFORMATION

Lab No. 2504 Date JUL 25 1980 2:00
Mo. Day Yr. AM/PM

Rec'd by [Signature]

Temp of samples when received _____

Comments:

CODE	PARAMETERS	UNIT	LAB DATA
28-32 00410	Alkalinity Total CaCO ₃	mg/l	34-41
00610	Ammonia-N	mg/l	
01002	Arsenic	ug/l	
00310	BOD ₅	mg/l	
01027	Cadmium	ug/l	
00940	Chlorides	mg/l	
01032	Chromium-Hex	ug/l	
01034	Chromium-Tot	ug/l	
00335	COD	mg/l	
01042	Copper	ug/l	
00720	Cyanide-CN	mg/l	
00951	Fluoride	mg/l	
01045	Iron	ug/l	
01051	Lead	ug/l	
01055	Manganese	ug/l	
71900	Mercury	ug/l	
01067	Nickel	ug/l	
00630	NO ₂ +NO ₃ -N	mg/l	
00550	Oil & Grease	mg/l	
00407	pH (lab)	S.U.	
32730	Phenol	ug/l	
00665	Phosphorus-P	mg/l	
00530	Solids - Total	mg/l	
00500	Solids (total)	mg/l	
00945	Sulfate	mg/l	
00625	TKN	mg/l	
00680	TOC	mg/l	
01092	Zinc	ug/l	
31616	Fecal coliform	100 ms	30

REPORTED
AUG 8 1980
WATER LABORATORY
IND. STATE BD. OF HEALTH

Kosciusko Co. WATER SAMPLE IDENTIFICATION SHEET

Sample Site Papakeechie Lake
Between 1st and 2nd with
Yellow & State House & Skoville

Station Number 10

Sample Date 7 24 1980
 Mo. Day Yr. AM/PM

Supervisor Carroll Skernican

Collector(s) R. Nelson, Allowe-Health Dept.

Delivered to lab 7 25 1980
 Mo. Day Yr. AM/PM

By H. Eickwoltz, JSBA

Preservatives Added:	Kind	Lot No.	Amount

Sample Chlorinated Not Chlorinated

	Field	Lab
No. of 1 Liter Plastic Bottles		
No. of 2 Liter Plastic Bottles		
No. of Bacteriological Bottles		1
No. of Glass Jars or Bottles		
Total		1

Standard Procedure Followed All Some None

NPDES Number 1-7 Outfall 8-10

- | | | |
|---------------------------|---|---|
| <p><u>4</u></p> <p>17</p> | <p>1. NPDES</p> <p>2. SPC-15</p> <p>3. WQ Study</p> <p>4. Pollution complaint</p> <p>5. Fish kill investigation</p> | <p><u>18</u></p> <p>1. Industry</p> <p>2. Semi-Public</p> <p>3. Municipal</p> <p>4. Federal</p> <p>5. Public Water Supply</p> <p>6. State operation</p> <p>7. Other</p> |
|---------------------------|---|---|

- | | | |
|---------------------------|---|---|
| <p><u>1</u></p> <p>19</p> | <p>Sample Type</p> <p>1. Grab</p> <p>2. 24-hour comp.</p> <p>3. 8-hour comp.</p> <p>4. 24-hour flow comp.</p> <p>5. 8-hour flow comp.</p> | <p><u>20</u></p> <p>Sample Interval</p> |
|---------------------------|---|---|

- | | | |
|------------------|---|--|
| <p><u>21</u></p> | <p>0 - at outfall</p> <p>1 - above outfall</p> <p>2 - below outfall</p> | <p><u>22-26</u></p> <p>Stream miles from outfall</p> |
|------------------|---|--|

LAB INFORMATION

Lab No. 2503 Date JUL 25 1980
 Mo. Day Yr. AM/PM

Rec'd by [Signature]

Temp of samples when received _____

Comments:

CODE	PARAMETERS	UNIT	LAB DATA
28-32 00410	Alkalinity Total CaCO ₃	mg/l	34-41
00610	Ammonia-N	mg/l	
01002	Arsenic	ug/l	
00310	BOD ₅	mg/l	
01027	Cadmium	ug/l	
00940	Chlorides	mg/l	
01032	Chromium-Hex	ug/l	
01034	Chromium-Tot	ug/l	
00335	COD	mg/l	
01042	Copper	ug/l	
00720	Cyanide-CN	mg/l	
00951	Fluoride	mg/l	
01045	Iron	ug/l	
01051	Lead	ug/l	
01055	Manganese	ug/l	
71900	Mercury	ug/l	
01067	Nickel	ug/l	
00630	NO ₂ +NO ₃ -N	mg/l	
00550	Oil & Grease	mg/l	
00403	pH (lab)		
32730	Phenol	ug/l	
00665	Phosphorus-P	mg/l	
00530	Solids - Susp	mg/l	
00500	Solids Total	mg/l	
00945	Sulfate	mg/l	
00625	TKN	mg/l	
00680	TOC	mg/l	
01092	Zinc	ug/l	
31616	Fecal coliform	100 mg/l	✓ 2 10