

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** WCR\_03\_CMP15  
**Name:** Western District River TP Gaps - 2015 - WCR\_03\_CMP15  
**Type:** Competitive Projects  
**Subtype:** Impaired Water Assessment  
**Status:** COMPLETE  
**Start Date:** 01/30/2015  
**End Date:** 06/30/2017  
**Purpose:** The purpose of this project is to collect information some of our Long Term Trend (LTT) Rivers to fill in missing data gaps. Currently, there is a patchwork of assessment units on the Black, Trempealeau and Kickapoo Rivers that are listed as impaired due to Total Phosphorous. Other AUs throughout the watershed are lacking the data necessary to make listing decisions. This project will use volunteer efforts to close these data gaps. If funded this proposal would utilize volunteers collect six growing season Total Phosphorous samples from three sites on the Trempealeau River, four sites on the Black River and four sites on Kickapoo River. The success of this project will be contingent upon finding volunteers willing to collect and mail the samples.  
**Objective:** The main objective of this project is collect Total Phosphorous data for listing decisions in areas that are lacking information. This project would require six growing season Total Phosphorous samples from three sites on the Trempealeau River, four sites on the Black River and four sites on Kickapoo River. Western District staff proposes working with willing volunteers to collect these samples. Department staff will work with volunteers to ensure proper methods are used during sample collection. In addition to the phosphorous, one Diatom IBI (DNI) sample and two macroinvertebrate samples per wadeable stretch of river will also be collected by Western District staff in the fall of 2015. Exact locations for both the phosphorous and macroinvertebrate sampling are yet to be determined.  
**Comments:** This is a new project  
**Outcome:** This project will provide Total Phosphorous data for three rivers that will allow us to make impaired waters listing decisions on 11 assessment units. This project would require six growing season Total Phosphorous samples from three sites on the Trempealeau River, four sites on the Black River and four sites on Kickapoo River. 22 TP sampling events would occur during FY 2105 and 44 in FY 2016. TP sample collection would be completed in October of 2015. Macroinvertebrate samples would be sampled in the fall of 2015. One diatom IBI (DNI) sample will also be collected from the wadeable reaches of each river. TP data will be automatically be uploaded to SWIMS. Macroinvertebrate data will be batch uploaded into SWIMS when analysis is complete by CO. After TP and bug data is complete this information can be used for potential 303d listing decisions.  
**Study Design:**  
**QA Measures:**

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
ALBRIGHT, LINDSEY B	COORDINATOR	ACTIVE	04/24/2015		Wisconsin DNR	
BRUHN, CAMILLE M	COORDINATOR	ACTIVE	09/13/2016	04/01/2017	Wisconsin DNR	
HAZUGA, MARK J	COORDINATOR	ACTIVE	07/01/2015	06/30/2017	Wisconsin DNR	
LALIBERTE, PAUL J	SUPERVISOR	INACTIVE	07/01/2015	06/30/2017	Wisconsin DNR	
MARES, ANNA R	TEAM_MEMBER	ACTIVE	07/01/2015	06/30/2017	Wisconsin DNR	
RASMUSSEN, KURT	COORDINATOR	ACTIVE	01/30/2015	06/30/2017	Wisconsin DNR	
Stepenuck, Kris	COORDINATOR	ACTIVE	04/10/2015		UWEX	

### Project Statuses

Date	Reported By	Status	Comments
01/30/2015	KURT RASMUSSEN	Proposed	
02/01/2016	MARK HAZUGA	Complete	The entire project was not funded in 2015. However volunteers were utilized to collect growing season TP and data will be used to determine impairment listing in the future.

### Project Status Detail

**Answer Set:** DEFAULT

<b>Question</b>	<b>Answer</b>
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**Question**

**Answer**

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|--|---|
| <p>1. Number of Sample Sites (Enter the station IDs if you know them).</p> <p>2. Number of Sample Events (Indicate how many trips into the field you anticipate for this project).</p> <p>3. Proposed Dates for Sample Collection</p> <p>4. List applicable databases and who will enter data?</p> <p>5. Did you receive competitive projects funding in the previous year?</p> <p>6. If yes to question 5, did you complete the projects including data entry and reports as necessary? If not, why not?</p> <p>7. Reviewer Notes: Identify questions or issues with project (use during review period)</p> <p>8. Reviewer Decision: Is this project recommended for funding?</p> | <p>3 sample sites on the Trempealeau River<br/>4 sample sites on the Black River<br/>4 sample sites on the Kickapoo River<br/>66 Total Phosphorous sample events proposed to be collected by willing volunteers. 2 trips in the field to collect macroinvertebrates. 1 Trip to collect DNI sample.<br/>6 growing (May - September) season TP samples per site.<br/>Macroinvertebrates will be collected in the fall.<br/>SWIMS</p> <p>Yes</p> <p>Yes, data entry almost complete but summary and WATERS update will not be completed until macroinvertebrate data is received</p> |
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**Actions**

Action	Detailed Description	Start	End Date	Status
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**Monitoring Stations**

Station ID	Name	Comments
273038	Black River - Below Power House-Hatfield Dam	
10039659	Black River at CTH H	
273022	Black River at Hwy 108 Bridge	
103109	Black River at Hwy N Bridge	
10017969	Kickapoo -- Landing off State Hwy 60	
10029649	Kickapoo River 100ft N of Hwy 131 (St. 1)	
10014266	Kickapoo River Station 7 - Old Dam Foundation At The Park In Wilton	
10033595	Kickapoo River at Sand Hill Rd in Bell Center	
10029752	Trempealeau River - Sechlerville Road	
10021693	Trempealeau River At Sth 121	

**Assessment Units**

WBIC	Segment	Local Name	Official Name
1182400	1	Kickapoo River	Kickapoo River
1182400	5	Kickapoo River	Kickapoo River
1182400	6	Kickapoo River	Kickapoo River
1182400	8	Kickapoo River	Kickapoo River
1676700	2	Black River	Black River
1676700	3	Black River	Black River
1676700	5	Black River, Hwy H To Rock Creek	Black River
1676700	10	Black River	Black River
1769900	2	Trempealeau River	Trempealeau River
1769900	4	Trempealeau River	Trempealeau River
1769900	5	Trempealeau River	Trempealeau River

**Lab Account Codes**

## Wisconsin Department of Natural Resources SWIMS Project Summary

Account Code	Description	Start Date	End Date
WQ015	LOCAL NEEDS PROJECTS	04/22/2015	12/31/2099

### Forms

Form Code	Form Name
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### Methods

Method Code	Description
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### Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
05/10/2015 17:50	COMPLETE	KRODF-2015-5	10014266	Kickapoo River Station 7 - Old Dam Foundation At The Park In Wilton
05/11/2015 11:20	COMPLETE	KRSHR-2015-5	10033595	Kickapoo River at Sand Hill Rd in Bell Center
05/12/2015 08:30	COMPLETE	BRN	103109	Black River at Hwy N Bridge
05/12/2015 10:45	COMPLETE	BRH1	10039659	Black River at CTH H
05/18/2015 08:30	COMPLETE	BRHD-2015-5	273038	Black River - Below Power House-Hatfield Dam
05/18/2015 12:45	COMPLETE	KR131-2015-5	10029649	Kickapoo River 100ft N of Hwy 131 (St. 1)
05/20/2015 10:30	COMPLETE	TR121	10021693	Trempealeau River At Sth 121
05/20/2015 15:07	COMPLETE	KL60-2015-5	10017969	Kickapoo -- Landing off State Hwy 60
05/27/2015 13:00	COMPLETE	BR108-2015-5	273022	Black River at Hwy 108 Bridge
05/27/2015 16:00	COMPLETE	TRSR-2015-5	10029752	Trempealeau River - Sechlerville Road
05/27/2015 16:00	COMPLETE	TRSR-2015-B	10029752	Trempealeau River - Sechlerville Road
05/27/2015 16:00	COMPLETE	TRSR-2015-D	10029752	Trempealeau River - Sechlerville Road
06/06/2015 14:30	COMPLETE	KR7-2015-6	10014266	Kickapoo River Station 7 - Old Dam Foundation At The Park In Wilton
06/09/2015 09:05	COMPLETE	TR121-2015-6	10021693	Trempealeau River At Sth 121
06/09/2015 11:00	COMPLETE	BRH-2	10039659	Black River at CTH H
06/09/2015 15:00	COMPLETE	BRN	103109	Black River at Hwy N Bridge
06/11/2015 08:00	COMPLETE	KRSHR-2015-6	10033595	Kickapoo River at Sand Hill Rd in Bell Center
06/15/2015 09:45	COMPLETE	BRHD-2015-6	273038	Black River - Below Power House-Hatfield Dam
06/15/2015 13:15	COMPLETE	KR131-2015-6	10029649	Kickapoo River 100ft N of Hwy 131 (St. 1)
06/18/2015 11:45	COMPLETE	TRSR-2015-6	10029752	Trempealeau River - Sechlerville Road
06/24/2015 11:24	COMPLETE	KL60-2015-6	10017969	Kickapoo -- Landing off State Hwy 60
06/29/2015 10:30	COMPLETE	273022	273022	Black River at Hwy 108 Bridge
07/09/2015 19:00	COMPLETE	KR7-2015-7	10014266	Kickapoo River Station 7 - Old Dam Foundation At The Park In Wilton
07/11/2015 10:00	COMPLETE	NA	10033595	Kickapoo River at Sand Hill Rd in Bell Center
07/13/2015 13:00	COMPLETE	KR131-2015-7	10029649	Kickapoo River 100ft N of Hwy 131 (St. 1)
07/14/2015 09:25	COMPLETE	TR121-2015-7	10021693	Trempealeau River At Sth 121
07/14/2015 10:00	COMPLETE	BRH-3	10039659	Black River at CTH H
07/14/2015 14:45	COMPLETE	BRN	103109	Black River at Hwy N Bridge
07/15/2015 09:00	COMPLETE	TRSR-2015-7	10029752	Trempealeau River - Sechlerville Road
07/20/2015 08:00	COMPLETE	BRHD-2015-7	273038	Black River - Below Power House-Hatfield Dam
07/27/2015 11:24	COMPLETE	KL60-2015-7	10017969	Kickapoo -- Landing off State Hwy 60
07/28/2015 13:30	COMPLETE	BR108-2015-7	273022	Black River at Hwy 108 Bridge
08/08/2015 14:30	COMPLETE	KR7-2015-8	10014266	Kickapoo River Station 7 - Old Dam Foundation At The Park In Wilton
08/10/2015 07:40	COMPLETE	BRN	103109	Black River at Hwy N Bridge
08/10/2015 10:45	COMPLETE	TRSR-2015-8	10029752	Trempealeau River - Sechlerville Road

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Start Date	Status	Field ID	Station ID	Station Name
08/11/2015 09:20	COMPLETE	TR121-2015-8	10021693	Trempeleau River At Sth 121
08/11/2015 13:00	COMPLETE	BRH-4	10039659	Black River at CTH H
08/11/2015 13:30	COMPLETE	KRSHR-2015-8	10033595	Kickapoo River at Sand Hill Rd in Bell Center
08/17/2015 12:20	COMPLETE	KR131-2015-8	10029649	Kickapoo River 100ft N of Hwy 131 (St. 1)
08/24/2015 07:30	COMPLETE	BRHD-2015-8	273038	Black River - Below Power House-Hatfield Dam
08/24/2015 11:15	COMPLETE	KL60-2015-8	10017969	Kickapoo -- Landing off State Hwy 60
08/25/2015 14:30	COMPLETE	BR108-2015-8	273022	Black River at Hwy 108 Bridge
09/08/2015 11:30	COMPLETE	BRH-5	10039659	Black River at CTH H
09/08/2015 11:40	COMPLETE	TR121-2015-9	10021693	Trempeleau River At Sth 121
09/09/2015 16:45	COMPLETE	BRN	103109	Black River at Hwy N Bridge
09/11/2015 09:15	COMPLETE	KRSHR-2015-9	10033595	Kickapoo River at Sand Hill Rd in Bell Center
09/12/2015 18:40	COMPLETE	KR7-2015-9	10014266	Kickapoo River Station 7 - Old Dam Foundation At The Park In Wilton
09/13/2015 15:00	COMPLETE	TRSR-2015-9	10029752	Trempeleau River - Sechlerville Road
09/14/2015 12:15	COMPLETE	KR131-2015-9	10029649	Kickapoo River 100ft N of Hwy 131 (St. 1)
09/20/2015 09:00	COMPLETE	BRHD-2015-9	273038	Black River - Below Power House-Hatfield Dam
09/23/2015 11:25	COMPLETE	KL60-2015-9	10017969	Kickapoo -- Landing off State Hwy 60
09/28/2015 11:00	COMPLETE	BR108-2015-10	273022	Black River at Hwy 108 Bridge
10/11/2015 16:30	COMPLETE	KRSHR-2015-10	10033595	Kickapoo River at Sand Hill Rd in Bell Center
10/11/2015 16:45	COMPLETE	KR7-2015-10	10014266	Kickapoo River Station 7 - Old Dam Foundation At The Park In Wilton
10/13/2015 10:15	COMPLETE	BRH-6	10039659	Black River at CTH H
10/13/2015 10:15	COMPLETE	BRN	103109	Black River at Hwy N Bridge
10/15/2015 09:45	COMPLETE	TR121-2015-10	10021693	Trempeleau River At Sth 121
10/18/2015 13:00	COMPLETE	TRSR-2015-10	10029752	Trempeleau River - Sechlerville Road
10/19/2015 12:00	COMPLETE	BRHD-2015-10	273038	Black River - Below Power House-Hatfield Dam
10/19/2015 13:25	COMPLETE	KR131-2015-10	10029649	Kickapoo River 100ft N of Hwy 131 (St. 1)
10/20/2015 13:00	COMPLETE	BR108-2015-9	273022	Black River at Hwy 108 Bridge
10/27/2015 11:02	COMPLETE	KL60-2015-10	10017969	Kickapoo -- Landing off State Hwy 60
05/16/2016 10:35	COMPLETE	KRN131-2016-MAY	10029649	Kickapoo River 100ft N of Hwy 131 (St. 1)
05/26/2016 12:15	COMPLETE	KRSH-2016-MAY	10033595	Kickapoo River at Sand Hill Rd in Bell Center
06/13/2016 13:40	COMPLETE	KRN131-2016-JUNE	10029649	Kickapoo River 100ft N of Hwy 131 (St. 1)
06/26/2016 15:50	COMPLETE	KRSH-2016-JUNE	10033595	Kickapoo River at Sand Hill Rd in Bell Center
07/18/2016 13:32	COMPLETE	KRN131-2016-JULY	10029649	Kickapoo River 100ft N of Hwy 131 (St. 1)
07/26/2016 08:50	COMPLETE	KRSH-2016-JUL	10033595	Kickapoo River at Sand Hill Rd in Bell Center
08/15/2016 13:25	COMPLETE	KRN131-2016-AUG	10029649	Kickapoo River 100ft N of Hwy 131 (St. 1)
08/26/2016 16:15	COMPLETE	KRSH-2016-AUGUST	10033595	Kickapoo River at Sand Hill Rd in Bell Center
09/19/2016 13:30	COMPLETE	KRN131-2016-SEP	10029649	Kickapoo River 100ft N of Hwy 131 (St. 1)
10/17/2016 13:27	COMPLETE	KRN131-2016-OCT	10029649	Kickapoo River 100ft N of Hwy 131 (St. 1)
10/26/2016 15:35	COMPLETE	KRSH-2016-OCT	10033595	Kickapoo River at Sand Hill Rd in Bell Center

### Documents

Title	Description	Author	Published	Comments
2015 Total Phosphorus Monitoring Report - Black River at STH 108	Currently, there is a patchwork of stream reaches on the Black, Trempeleau, and Kickapoo Rivers that are listed as impaired due to total phosphorous levels. In order to fill some of the data gaps found along unmonitored river stretches of western	Lindsey Albright and Ilana Haimes	12/23/2015	

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Title	Description	Author	Published	Comments
2015 Total Phosphorus Monitoring Report - Black River below Powerhouse-Hatfield Dam	<p>Wisconsin, local WAV volunteers were asked in 2015 to collect six growing season water samples at three sites on the Trempealeau River, four sites on the Black River, and four sites on Kickapoo River.</p> <p>Currently, there is a patchwork of stream reaches on the Black, Trempealeau, and Kickapoo Rivers that are listed as impaired due to total phosphorous levels. In order to fill some of the data gaps found along unmonitored river stretches of western Wisconsin, local WAV volunteers were asked in 2015 to collect six growing season water samples at three sites on the Trempealeau River, four sites on the Black River, and four sites on Kickapoo River.</p>	Lindsey Albright and Ilana Haimes	12/23/2015	
2015 Total Phosphorus Monitoring Report - Kickapoo River - Landing off State Hwy 60	<p>Wisconsin, local WAV volunteers were asked in 2015 to collect six growing season water samples at three sites on the Trempealeau River, four sites on the Black River, and four sites on Kickapoo River.</p> <p>Currently, there is a patchwork of stream reaches on the Black, Trempealeau, and Kickapoo Rivers that are listed as impaired due to total phosphorous levels. In order to fill some of the data gaps found along unmonitored river stretches of western Wisconsin, local WAV volunteers were asked in 2015 to collect six growing season water samples at three sites on the Trempealeau River, four sites on the Black River, and four sites on Kickapoo River.</p>	Lindsey Albright and Ilana Haimes	12/21/2015	
2015 Total Phosphorus Monitoring Report - Kickapoo River - Sand Hill Road	<p>Wisconsin, local WAV volunteers were asked in 2015 to collect six growing season water samples at three sites on the Trempealeau River, four sites on the Black River, and four sites on Kickapoo River.</p> <p>Currently, there is a patchwork of stream reaches on the Black, Trempealeau, and Kickapoo Rivers that are listed as impaired due to total phosphorous levels. In order to fill some of the data gaps found along unmonitored river stretches of western Wisconsin, local WAV volunteers were asked in 2015 to collect six growing season water samples at three sites on the Trempealeau River, four sites on the Black River, and four sites on Kickapoo River.</p>	Lindsey Albright and Ilana Haimes	12/22/2015	
2015 Total Phosphorus Monitoring Report - Kickapoo River - Station 7 old dam foundation at park in Wilton	<p>Wisconsin, local WAV volunteers were asked in 2015 to collect six growing season water samples at three sites on the Trempealeau River, four sites on the Black River, and four sites on Kickapoo River.</p> <p>Currently, there is a patchwork of stream reaches on the Black, Trempealeau, and Kickapoo Rivers that are listed as impaired due to total phosphorous levels. In order to fill some of the data gaps found along unmonitored river stretches of western Wisconsin, local WAV volunteers were asked in 2015 to collect six growing season water samples at three sites on the Trempealeau River, four sites on the Black River, and four sites on Kickapoo River.</p>	Lindsey Albright and Ilana Haimes	12/23/2015	
2015 Total Phosphorus Monitoring Report - Kickapoo River 100 ft N. of Hwy 131	<p>Wisconsin, local WAV volunteers were asked in 2015 to collect six growing season water samples at three sites on the Trempealeau River, four sites on the Black River, and four sites on Kickapoo River.</p> <p>Currently, there is a patchwork of stream reaches on the Black, Trempealeau, and Kickapoo Rivers that are listed as impaired due to total phosphorous levels. In order to fill</p>	Lindsey Albright and Ilana Haimes	12/21/2015	

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Title	Description	Author	Published	Comments
2015 Total Phosphorus Monitoring Report - Trempealeau River at Sechlerville Road	some of the data gaps found along unmonitored river stretches of western Wisconsin, local WAV volunteers were asked in 2015 to collect six growing season water samples at three sites on the Trempealeau River, four sites on the Black River, and four sites on Kickapoo River. Currently, there is a patchwork of stream reaches on the Black, Trempealeau, and Kickapoo Rivers that are listed as impaired due to total phosphorous levels. In order to fill some of the data gaps found along unmonitored river stretches of western Wisconsin, local WAV volunteers were asked in 2015 to collect six growing season water samples at three sites on the Trempealeau River, four sites on the Black River, and four sites on Kickapoo River.	Lindsey Albright and Ilana Haimes	12/28/2015	
2016 Total Phosphorus Monitoring Report - Kickapoo River at Sand Hill Rd in Bell Center	The purpose of this project is to collect information some of our Long Term Trend (LTT) Rivers to fill in missing data gaps. Currently, there is a patchwork of assessment units on the Black, Trempealeau and Kickapoo Rivers that are listed as impaired due to Total Phosphorous. Other assessment units throughout the watershed are lacking the data necessary to make listing decisions. Volunteers collected total phosphorus samples at two sites for this project to help close the gaps.	Ilana Haimes	01/06/2017	
WCR_03_CMP15 status 10142016	WCR_03_CMP15 status 10142016	SWIMS Reports	10/14/2016	

### Budget

Budget Description: FY 2015

Start Date: 05/01/2015

End Date: 06/30/2015

Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
FTE	FTE Hours	11	Hours	\$0.00	\$0.00	
LTE SAL	LTE Salary	11	Hours	\$13.00	\$143.00	
LTE FR	LTE Fringe				\$35.32	
LTE IND	LTE Indirect				\$28.83	
LTE TOT	LTE Total Cost				\$207.16	
SUPPLY	Supplies				\$0.00	
EQUIP	Equipment				\$0.00	
MILEAGE	Mileage		Miles	\$0.72	\$0.00	
MEAL	Meals		Meals	\$9.00	\$0.00	
LODGE	Lodging				\$0.00	
TRAVEL	Travel Total				\$0.00	
BUG	Bug Contracts				\$0.00	
OTHER	Other Contracts				\$0.00	
USGS	USGS Costs				\$0.00	
TOTAL	Total Cost (excludes SLOH)				\$207.16	

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Test Code	Description	Test Group	# Planned	Unit Cost	Total Cost
I520PLT	TOTAL PHOSPHORUS (AS P) (EPA 365.1)	INORGANIC CHEMISTRY	22	\$23.60	\$519.20

**Total SLOH Lab Costs:** \$519.20  
**Total Budget:** \$726.36

**Budget Description:** FY2016 **Start Date:** 07/01/2015 **End Date:** 06/30/2016

Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
FTE	FTE Hours	40	Hours	\$0.00	\$0.00	
LTE SAL	LTE Salary	40	Hours	\$15.00	\$600.00	
LTE FR	LTE Fringe				\$148.20	
LTE IND	LTE Indirect				\$120.98	
LTE TOT	LTE Total Cost				\$869.18	
SUPPLY	Supplies				\$0.00	
EQUIP	Equipment				\$0.00	
MILEAGE	Mileage	500	Miles	\$0.72	\$360.00	
MEAL	Meals	8	Meals	\$10.00	\$80.00	
LODGE	Lodging				\$0.00	
TRAVEL	Travel Total				\$440.00	
BUG	Bug Contracts	6		\$185.00	\$1,110.00	
OTHER	Other Contracts	3		\$200.00	\$600.00	DNI sample analysis from SS
USGS	USGS Costs				\$0.00	
TOTAL	Total Cost (excludes SLOH)				\$3,019.18	

Test Code	Description	Test Group	# Planned	Unit Cost	Total Cost
I520PLT	TOTAL PHOSPHORUS (AS P) (EPA 365.1)	INORGANIC CHEMISTRY	44	\$23.60	\$1,038.40

**Total SLOH Lab Costs:** \$1,038.40  
**Total Budget:** \$4,057.58

**Combined Budgets:** \$3,226.34  
**Combined SLOH:** \$1,557.60  
**Combined Total:** \$4,783.94

### Funding

Organization	Source	Type	Amount	Start Date	End Date
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