

**NATIONAL REGISTER OF HISTORIC PLACES
INVENTORY - NOMINATION FORM**

(Type all entries - complete applicable sections)

STATE:	Washington
COUNTY:	Chelan
FOR NPS USE ONLY	
ENTRY DATE	JUN 19 1973

1. NAME

COMMON:
Captain Stoffel Waterwheel

AND/OR HISTORIC:
Burbank Homestead Waterwheel

2. LOCATION

STREET AND NUMBER:
Between Monitor and Cashmere on the Lower Monitor Road

CITY OR TOWN:
Cashmere

CONGRESSIONAL DISTRICT:
#4 - Hon. Mike McCormack

STATE	CODE	COUNTY:	CODE
Washington	53	Chelan	007

3. CLASSIFICATION

CATEGORY (Check One)	OWNERSHIP	STATUS	ACCESSIBLE TO THE PUBLIC
<input type="checkbox"/> District <input type="checkbox"/> Site <input type="checkbox"/> Object <input type="checkbox"/> Building <input checked="" type="checkbox"/> Structure	<input type="checkbox"/> Public <input checked="" type="checkbox"/> Private <input type="checkbox"/> Both	<input type="checkbox"/> Occupied <input type="checkbox"/> Unoccupied <input type="checkbox"/> Preservation work in progress	Yes: <input checked="" type="checkbox"/> Restricted <input type="checkbox"/> Unrestricted <input type="checkbox"/> No
PRESENT USE (Check One or More as Appropriate)			
<input type="checkbox"/> Agricultural <input type="checkbox"/> Commercial <input type="checkbox"/> Educational <input type="checkbox"/> Entertainment	<input type="checkbox"/> Government <input type="checkbox"/> Industrial <input type="checkbox"/> Military <input type="checkbox"/> Museum	<input type="checkbox"/> Park <input type="checkbox"/> Private Residence <input type="checkbox"/> Religious <input type="checkbox"/> Scientific	<input type="checkbox"/> Transportation <input checked="" type="checkbox"/> Other (Specify) Not in use

4. OWNER OF PROPERTY

OWNER'S NAME:
Karl Stoffel

STREET AND NUMBER:
Route #1

CITY OR TOWN:
Cashmere

STATE:
Washington

CODE:
53

5. LOCATION OF LEGAL DESCRIPTION

COURTHOUSE, REGISTRY OF DEEDS, ETC.:
Chelan County Courthouse

STREET AND NUMBER:

CITY OR TOWN:
Wenatchee

STATE:
Washington

CODE:
53

6. REPRESENTATION IN EXISTING SURVEYS

TITLE OF SURVEY:
None

DATE OF SURVEY:
 Federal State County Local

DEPOSITORY FOR SURVEY RECORDS:

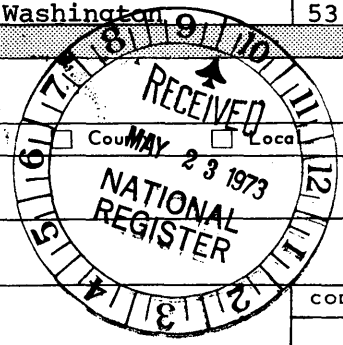
STREET AND NUMBER:

CITY OR TOWN:

STATE:

CODE:

SEE INSTRUCTIONS



STATE:	Washington
COUNTY:	Chelan
ENTRY NUMBER:	JUN 19 1973
DATE:	

FOR NPS USE ONLY

7. DESCRIPTION

CONDITION

(Check One)

Excellent Good Fair Deteriorated Ruins Unexposed

(Check One)

Altered Unaltered

(Check One)

Moved Original Site

DESCRIBE THE PRESENT AND ORIGINAL (if known) PHYSICAL APPEARANCE

The waterwheel was built on the Wenatchee River in 1897 to provide irrigation for an eighty-acre homestead comprised of both fruit and livestock acreage. At this time, the wheel stood twenty-two feet high, and had a wooden hub and wooden buckets.

Seventeen years later, a Columbia River steamboat Captain by the name of Paul Stoffel acquired thirteen acres of fruit ranch from the original homestead. Stoffel, who sailed on the Columbia from 1900 to 1914, also gained possession of the waterwheel which he began rebuilding.

Stoffel took a steel shaft from one of the old stern-wheelers on the Upper Columbia and installed it as the waterwheel's main shaft. Also added were nine-gallon steel buckets and a double circle of steel hooping for added strength. When completed, the water-lifting capacity of the wheel had been raised to twenty-nine feet. When in operation, the wheel supplied water for thirteen acres of orchard at a steady flow of well over .5 cubic feet per second.

Stoffel's rebuilt wheel was in constant use from 1914 until 1955 when high water warped a few of the large foundation timbers. As a result, Stoffel was forced to abandon the wheel and use an electric pump instead. Interestingly, the wheel and foundation had withstood the highest water of the century seven years earlier in 1948, only to succumb to the lesser flood of 1955.

In 1972, another spring flood undermined more of the foundation; and, as a result, the wheel was canted off-center causing some damage to the spokes and the water-carrying flume. A future spring run-off may well cause more damage or perhaps even destroy the wheel unless it is re-stored or moved.

SEE INSTRUCTIONS



SIGNIFICANCE

PERIOD (Check One or More as Appropriate)

- | | | | |
|--|---------------------------------------|--|--|
| <input type="checkbox"/> Pre-Columbian | <input type="checkbox"/> 16th Century | <input type="checkbox"/> 18th Century | <input checked="" type="checkbox"/> 20th Century |
| <input type="checkbox"/> 15th Century | <input type="checkbox"/> 17th Century | <input checked="" type="checkbox"/> 19th Century | |

SPECIFIC DATE(S) (If Applicable and Known) 1897

AREAS OF SIGNIFICANCE (Check One or More as Appropriate)

- | | | | |
|---|---|---|--|
| <input type="checkbox"/> Aboriginal | <input type="checkbox"/> Education | <input type="checkbox"/> Political | <input type="checkbox"/> Urban Planning |
| <input type="checkbox"/> Prehistoric | <input checked="" type="checkbox"/> Engineering | <input type="checkbox"/> Religion/Phi- | <input type="checkbox"/> Other (Specify) |
| <input type="checkbox"/> Historic | <input type="checkbox"/> Industry | osophy | _____ |
| <input checked="" type="checkbox"/> Agriculture | <input type="checkbox"/> Invention | <input type="checkbox"/> Science | _____ |
| <input type="checkbox"/> Architecture | <input type="checkbox"/> Landscape | <input type="checkbox"/> Sculpture | _____ |
| <input type="checkbox"/> Art | Architecture | <input type="checkbox"/> Social/Human- | _____ |
| <input type="checkbox"/> Commerce | <input type="checkbox"/> Literature | itarian | _____ |
| <input type="checkbox"/> Communications | <input type="checkbox"/> Military | <input type="checkbox"/> Theater | _____ |
| <input type="checkbox"/> Conservation | <input type="checkbox"/> Music | <input type="checkbox"/> Transportation | _____ |

STATEMENT OF SIGNIFICANCE

The Captain Stoffel waterwheel is certainly one of the last of the large irrigation wheels still remaining in the Pacific Northwest Region; and, in recent years, it has attracted hundreds of visitors and photographers.

Once there were at least two others on the Wenatchee River, but today only the Stoffel wheel remains. Due to its sturdy construction, it has withstood numerous spring floods and may even still be put back into operable condition.

The builder's originality and talent are clearly reflected in the wheel's construction. The inner spokes, for example, were erected in a bicycle-tire kind of arrangement that is immediately noticeable when the waterwheel is viewed from its front platform. The outer spokes, on the other hand, were tapered to a point and fitted perfectly together to the main shaft; and the shaft itself was originally the hub of a Columbia River steamboat. Standing nearly thirty-feet high, the wheel is not only a fine example of an early settler's agricultural ingenuity, but it is also a thing of beauty and grace fitting in well with the nearby rushing stream and orchards.

SEE INSTRUCTIONS



9 MAJOR BIBLIOGRAPHICAL REFERENCES

10. GEOGRAPHICAL DATA

LATITUDE AND LONGITUDE COORDINATES DEFINING A RECTANGLE LOCATING THE PROPERTY			O R	LATITUDE AND LONGITUDE COORDINATES DEFINING THE CENTER POINT OF A PROPERTY OF LESS THAN TEN ACRES		
CORNER	LATITUDE	LONGITUDE		LATITUDE	LONGITUDE	
	Degrees Minutes Seconds	Degrees Minutes Seconds		Degrees Minutes Seconds	Degrees Minutes Seconds	
NW	° ' "	° ' "		47° 30' 12"	120° 25' 36"	
NE	° ' "	° ' "				
SE	° ' "	° ' "				
SW	° ' "	° ' "				

APPROXIMATE ACREAGE OF NOMINATED PROPERTY: Less than one

LIST ALL STATES AND COUNTIES FOR PROPERTIES OVERLAPPING STATE OR COUNTY BOUNDARIES

STATE:	CODE	COUNTY:	CODE



11. FORM PREPARED BY

NAME AND TITLE: Karl Stoffel

ORGANIZATION: _____ DATE: Nov. 27, 1972

STREET AND NUMBER: Route 1

CITY OR TOWN: Cashmere STATE: Washington CODE: 53

12. STATE LIAISON OFFICER CERTIFICATION NATIONAL REGISTER VERIFICATION

As the designated State Liaison Officer for the National Historic Preservation Act of 1966 (Public Law 89-665), I hereby nominate this property for inclusion in the National Register and certify that it has been evaluated according to the criteria and procedures set forth by the National Park Service. The recommended level of significance of this nomination is:

National State Local

Name Charles H. Odegard
Charles H. Odegard
 Title Director - Washington State Parks & Recreation Commission
 Date May 9, 1973

I hereby certify that this property is included in the National Register.

Robert H. Utley
 Director, Office of Archeology and Historic Preservation

Date 6/19/73

ATTEST:
[Signature]
 Keeper of The National Register

Date 6 6 73

SEE INSTRUCTIONS

**NATIONAL REGISTER OF HISTORIC PLACES
INVENTORY - NOMINATION FORM**

(Type all entries - complete applicable sections)

STATE: Washington
COUNTY: Chelan
FOR NPS USE ONLY
ENTRY DATE SEP 6 1974

1. NAME

COMMON:
Captain Stoffel Waterwheel

AND/OR HISTORIC:
 Burbank Homestead Waterwheel

2. LOCATION

STREET AND NUMBER:
Cottage Avenue

CITY OR TOWN:
Cashmere

CONGRESSIONAL DISTRICT:
#4 - Honorable Mike McCormack

STATE Washington	CODE 53	COUNTY: Chelan	CODE 007
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3. CLASSIFICATION

CATEGORY (Check One)	OWNERSHIP	STATUS	ACCESSIBLE TO THE PUBLIC
<input type="checkbox"/> District <input type="checkbox"/> Building <input type="checkbox"/> Site <input checked="" type="checkbox"/> Structure <input type="checkbox"/> Object	<input type="checkbox"/> Public <input checked="" type="checkbox"/> Private <input type="checkbox"/> Both	Public Acquisition: <input type="checkbox"/> In Process <input type="checkbox"/> Being Considered	Yes: <input type="checkbox"/> Restricted <input checked="" type="checkbox"/> Unrestricted <input type="checkbox"/> No
PRESENT USE (Check One or More as Appropriate)			
<input type="checkbox"/> Agricultural <input type="checkbox"/> Commercial <input type="checkbox"/> Educational <input type="checkbox"/> Entertainment	<input type="checkbox"/> Government <input type="checkbox"/> Industrial <input type="checkbox"/> Military <input checked="" type="checkbox"/> Museum	<input type="checkbox"/> Park <input type="checkbox"/> Private Residence <input type="checkbox"/> Religious <input type="checkbox"/> Scientific	<input type="checkbox"/> Transportation <input type="checkbox"/> Other (Specify) _____ _____ _____

4. OWNER OF PROPERTY

OWNER'S NAME:
Chelan County Historical Society, John McDonald, Secretary

STREET AND NUMBER:
East Sunset Highway

CITY OR TOWN:
Cashmere

STATE:
Washington

CODE:
53

5. LOCATION OF LEGAL DESCRIPTION

COURTHOUSE, REGISTRY OF DEEDS, ETC.:
Chelan County Courthouse

STREET AND NUMBER:

CITY OR TOWN:
Wenatchee

STATE:
Washington

CODE:
53

6. REPRESENTATION IN EXISTING SURVEYS

TITLE OF SURVEY:
NONE

DATE OF SURVEY: _____

DEPOSITORY FOR SURVEY RECORDS:

STREET AND NUMBER:

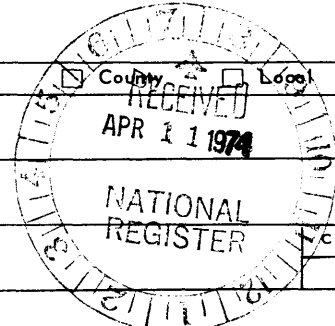
CITY OR TOWN:

STATE:

CODE:

SEE INSTRUCTIONS

STATE: Washington
COUNTY: Chelan
ENTRY NUMBER SEP 6 1974
DATE



FOR NPS USE ONLY

7. DESCRIPTION

CONDITION	(Check One)					
	<input type="checkbox"/> Excellent	<input type="checkbox"/> Good	<input checked="" type="checkbox"/> Fair	<input type="checkbox"/> Deteriorated	<input type="checkbox"/> Ruins	<input type="checkbox"/> Unexposed
	(Check One)			(Check One)		
	<input checked="" type="checkbox"/> Altered	<input type="checkbox"/> Unaltered		<input checked="" type="checkbox"/> Moved	<input type="checkbox"/> Original Site	

DESCRIBE THE PRESENT AND ORIGINAL (if known) PHYSICAL APPEARANCE

The Captain Stoffel Waterwheel was built on the Wenatchee River in 1897 to provide irrigation for an eighty-acre homestead comprised of both fruit and livestock acreage. At this time, the wheel stood twenty-two feet high, and had a wooden hub and wooden buckets.

Seventeen years later, a Columbia River steamboat captain by the name of Paul Stoffel acquired thirteen acres of fruit ranch from the original homestead. Stoffel, who sailed on the Columbia from 1900 to 1914, also gained possession of the waterwheel which he began rebuilding.

Stoffel took a steel shaft from an old sternwheeler and installed it as the waterwheel's main shaft. Also added were 24 nine-gallon steel buckets and a double circle of steel hooping for added strength. When completed, the water-lifting capacity of the wheel had been raised to twenty-nine feet. When in operation, the wheel supplied water for the thirteen acres of orchard at a steady flow of well over .5 cubic feet per second.

Stoffel's rebuilt wheel was in constant use from 1914 until 1950, by which time high water had warped a few of the large foundation timbers. As a result, Stoffel was forced to abandon the wheel and use an electric pump instead. Interestingly, the wheel and foundation had withstood the highest water of the century two years earlier in 1948.

By 1973, further spring run-offs had undermined more of the foundation and the wheel was canted off-center causing some damage to the spokes and the water carrying flumes. On June 19, 1973, the wheel was placed in the National Register, but five months later the structure was moved from its original location. In order to prevent continuing destruction caused by the annual flooding of the Wenatchee River, the owner had agreed to donate it to Cashmere's Willis Carey Museum, located about three miles upstream. In early November, 1973, a twin-rotored helicopter owned by the Pack River Lumber Company lifted the wheel from the original location and set it down on a specially constructed concrete foundation on the museum grounds. This new location was also next to the Wenatchee River, and plans are currently being prepared by the Chelan County Historical Society to refurbish the wheel and make it operational. The metal buckets and the paddles were removed from the wheel, prior to the transfer, to prevent destruction from the helicopter backwash. However, one bucket was lost in the river. The paddles and buckets will eventually be placed back on the wheel.

In accordance with National Park Service directives, the Washington State Advisory Council on Historic Preservation reconsidered the status of the wheel on March 8, 1974. This was necessary because this property had been moved from its original location after being placed in the National Register. After deliberating for some time, the Council decided that the wheel was still of National Register quality and recommended that it remain listed as such.

SEE INSTRUCTIONS

8. SIGNIFICANCE

PERIOD (Check One or More as Appropriate)

<input type="checkbox"/> Pre-Columbian	<input type="checkbox"/> 16th Century	<input type="checkbox"/> 18th Century	<input type="checkbox"/> 20th Century
<input type="checkbox"/> 15th Century	<input type="checkbox"/> 17th Century	<input checked="" type="checkbox"/> 19th Century	

SPECIFIC DATE(S) (If Applicable and Known) **1897** Rebuilt **1914**

AREAS OF SIGNIFICANCE (Check One or More as Appropriate)

<input type="checkbox"/> Aboriginal	<input type="checkbox"/> Education	<input type="checkbox"/> Political	<input type="checkbox"/> Urban Planning
<input type="checkbox"/> Prehistoric	<input checked="" type="checkbox"/> Engineering	<input type="checkbox"/> Religion/Philosophy	<input type="checkbox"/> Other (Specify)
<input type="checkbox"/> Historic	<input type="checkbox"/> Industry	<input type="checkbox"/> Science	_____
<input checked="" type="checkbox"/> Agriculture	<input type="checkbox"/> Invention	<input type="checkbox"/> Sculpture	_____
<input type="checkbox"/> Architecture	<input type="checkbox"/> Landscape Architecture	<input type="checkbox"/> Social/Humanitarian	_____
<input type="checkbox"/> Art	<input type="checkbox"/> Literature	<input type="checkbox"/> Theater	_____
<input type="checkbox"/> Commerce	<input type="checkbox"/> Military	<input type="checkbox"/> Transportation	_____
<input type="checkbox"/> Communications	<input type="checkbox"/> Music		
<input type="checkbox"/> Conservation			

STATEMENT OF SIGNIFICANCE

The Captain Stoffel Waterwheel is certainly one of the last of the large irrigation wheels still remaining in the Pacific Northwest Region, and, in recent years, it has attracted hundreds of visitors and photographers.

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SEE INSTRUCTIONS

9. MAJOR BIBLIOGRAPHICAL REFERENCES

"Historic Waterwheel Moved by Helicopter," Post-Intelligencer (Seattle, Washington), November 11, 1973.

"Stoffel Waterwheel a Contribution to Heritage," Daily World (Wenatchee Washington), November 6, 1973.

10. GEOGRAPHICAL DATA

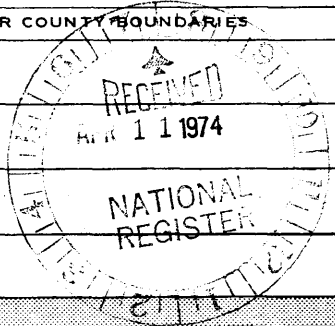
LATITUDE AND LONGITUDE COORDINATES DEFINING A RECTANGLE LOCATING THE PROPERTY				O R	LATITUDE AND LONGITUDE COORDINATES DEFINING THE CENTER POINT OF A PROPERTY OF LESS THAN TEN ACRES				
CORNER	LATITUDE		LONGITUDE		LATITUDE		LONGITUDE		
	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
NW	°	'	"	°	'	"	47	31	13
NE	°	'	"	°	'	"	120	27	21
SE	°	'	"	°	'	"			
SW	°	'	"	°	'	"			

10/69154
52659
CD

APPROXIMATE ACREAGE OF NOMINATED PROPERTY: less than one

LIST ALL STATES AND COUNTIES FOR PROPERTIES OVERLAPPING STATE OR COUNTY BOUNDARIES

STATE:	CODE	COUNTY	CODE
STATE:	CODE	COUNTY:	CODE
STATE:	CODE	COUNTY:	CODE
STATE:	CODE	COUNTY:	CODE



SEE INSTRUCTIONS

11. FORM PREPARED BY

NAME AND TITLE:
Karl Stoffel

ORGANIZATION: _____ DATE: **Nov. 27, 1972**

STREET AND NUMBER:
Route 1

CITY OR TOWN: **Cashmere** STATE: **Washington** CODE: **53**

12. STATE LIAISON OFFICER CERTIFICATION **NATIONAL REGISTER VERIFICATION**

As the designated State Liaison Officer for the National Historic Preservation Act of 1966 (Public Law 89-665), I hereby nominate this property for inclusion in the National Register and certify that it has been evaluated according to the criteria and procedures set forth by the National Park Service. The recommended level of significance of this nomination is:

National State Local

Name Charles H. Odegaard
Charles H. Odegaard,

Title Director, Washington State Parks and Recreation Commission

Date March 22, 1974

I hereby certify that this property is included in the National Register.

AR Westensen
Director, Office of Archeology and Historic Preservation

Date 9/6/74

ATTEST:

Charles H. Odegaard
Keeper of The National Register

Date 9-6-74