

## Monitoring charts for the “Sites of Japan’s Meiji Industrial Revolution: Iron and Steel, Shipbuilding and Coal Mining”

### 1. Monitoring Types/Formats

#### (1) Types

The monitoring of the World Heritage property, “Sites of Japan’s Meiji Industrial Revolution: Iron and Steel, Shipbuilding and Coal Mining” is conducted in the following four categories:

- A. Monitoring of a component part and its buffer zone as a whole
- B. Monitoring of a component part itself
- C. Monitoring of various activities pertaining to the interpretation
- D. Monitoring of various organizations in association

#### (2) Formats

For 1-(1)-A and B, a “monitoring chart” for each type of monitoring is prepared as described in 2 and the results are summarized in the “annual report”<sup>1</sup> (corresponding to **Figure 4**) every year.

For 1-(1)-C and D, the results are summarized in only the “annual report” (corresponding to **Figure 4**) without any “monitoring chart” prepared.

### 2. Monitoring of a component part and its buffer zone

#### (1) Nature and purpose of the monitoring chart of a component part and its buffer zone

In the Nomination Document submitted by the Government of Japan in 2014 for World Heritage inscription (pp.337–338 in the English version), the following two types of explanations were given as the grounds used in delineating the scope of buffer zone.

##### **Type A**

Buffer zones are required to control change in the surrounding area that may otherwise negatively impact the immediate settings of the component parts, which are important in supporting attributes such as ‘location and setting’ and/or ‘use and function’ that reflect Outstanding Universal Value.

##### **Type B**

Buffer zones are required to control change in the surrounding area that may otherwise negatively impact important views from and/or to the component parts which is important in supporting attributes such as ‘location and setting’ and/or ‘use and function’ reflecting Outstanding Universal Value.

As another ground that falls under **Type A**, a change or development conducted in the surrounding area, provides a compatible or traditional setting for the industrial site was also listed and the following three were listed as those falling under **Type B**: “the partial views from the terrace or garden of the Mitsubishi Senshokaku Guest House, which overlook operations in Mitsubishi No.3 Dry Dock”, “the partial view from the Glover House and Office, which overlooks Mitsubishi Nagasaki Shipyard on the opposite shore of Nagasaki Port,” and “the visual link between the First Head Office of the Imperial Steel Works, Japan and the waterfront.”

Based on the above descriptions, the monitoring chart of a component part and its buffer zone must allow [1] a visual observation of any development conducted in the immediate buffer zone of a component part from

<sup>1</sup> Template of an annual report is indicated as **Appendix e)-3**.

the viewpoint of industrial activities familiar to said component part and [2] a periodic observation on the state of the landscape that aggregates the current state of the landscape offered from the component part to the buffer zone comprehensively and systematically and determines if there is any adverse impact on future landscape. This means that the monitoring chart can serve as an indication for making decisions such as preventing any adverse impact or making appropriate arrangement and improvement by grasping any occurrence of a development and alteration of the landscapes.

Therefore, when preparing a monitoring chart of a component part and its buffer zone, it is necessary to first provide several fixed observation points in appropriate locations selected within the component part and its buffer zone, grasp any change in the landscapes by periodically taking photographs from these points and perform the handling necessary such as guiding or arranging and improving the landscapes (**Figure 1**).

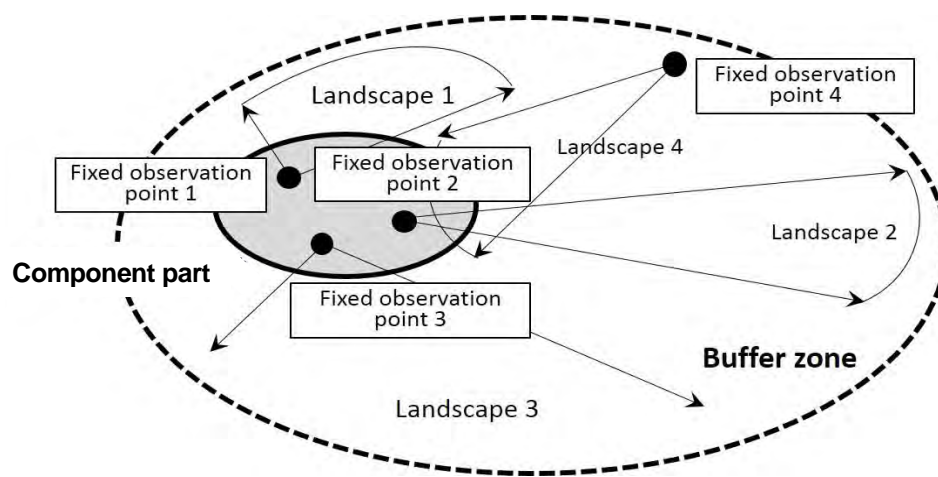


Figure 1 Monitoring of the landscape by fixed observation point

## (2) Composition of the monitoring chart of a component part and its buffer zone--individual/general chart--

A monitoring chart of a component part and its buffer zone is composed of two parts: an individual chart and a general chart.

### A. Individual chart

A chart prepared for grasping any change in the landscapes viewed from the fixed observation points in the appropriate locations selected at the component part and its buffer zone by periodically taking photograph from these points and performing the handling necessary such as guiding or arranging and improving the landscapes. Multiple individual charts are present for each individual elements of the component part.

### B. General chart

A chart prepared for comprehensively indicating the landscapes from the multiple observation points and improvement measures such as guiding or arranging and improving the landscapes. A general chart comprehensively summarizes multiple individual charts on one sheet of paper.

## 3. Monitoring of the component parts

### (1) Relationship among the component parts, constituent elements, and members

The relationship among the component parts, constituent elements and members can be organized as shown

in **Figure 2**.<sup>2</sup> However, the names of each constituent element of the 23 component parts (including those conveying the value other than the Outstanding Universal Value) are the same as those listed in each Conservation Management Plan (CMP) in principle.

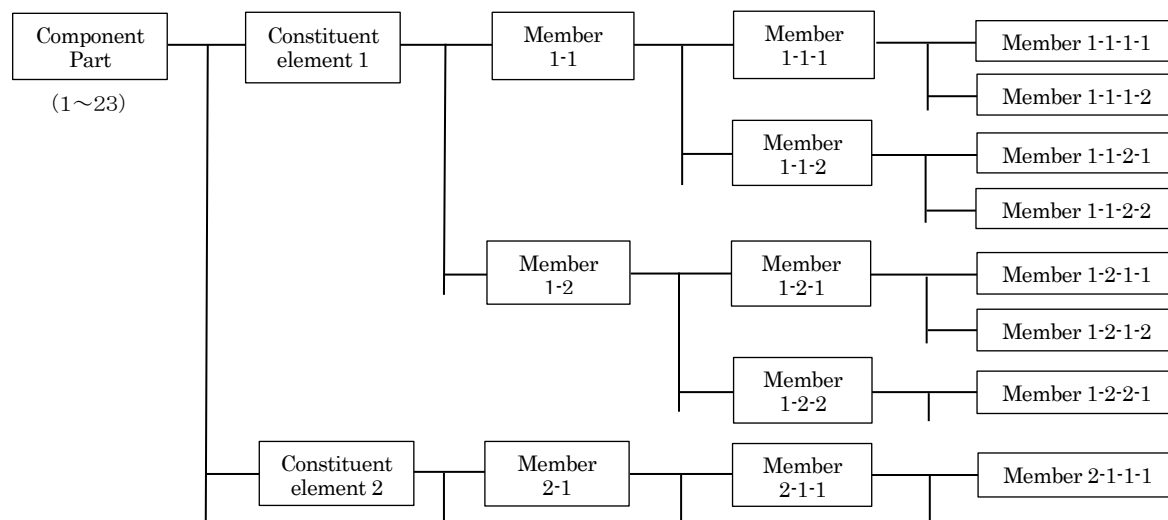


Figure 2 Relationships between component parts, constituent elements, and members

## (2) Nature and purpose of the monitoring chart of a component part

A monitoring chart of a component part is a comprehensive and systematic aggregation of the current information of the constituent elements that serves as a starting point for periodically monitoring the state of the constituent elements.

It is also used in grasping any deterioration or weathering conditions or subsequent modifications such as wear of the materials and loosening or swelling of the structures that can be used as the information in deciding what treatment measures are appropriate.

Therefore, when preparing a monitoring chart of a component part, it is important to reflect the information concerning the current state of the constituent elements without fail and respond to any changes by adding new information obtained through periodical observations (such as visual observations).

## (3) Composition of the monitoring chart of a component part—individual/general chart

A monitoring chart of a component part is composed of two parts: an individual chart and a general chart. The relationship between these two charts is as shown in **Figure 3**.

### A. Individual chart

A chart that documents comprehensively the current information of each member that constitutes each element of a component part. Multiple individual charts are present for each individual constituent element.

At first, each constituent element is broken down into different members that constitute the element

<sup>2</sup>As for working sites, the Conservation Management Plan (CMP) for the Nagasaki Shipyard (p.12) shows the following categories and definitions in a table; however, these categories and definitions can also be applied to non-working sites in the same way.

- **Component Parts:** MHI Nagasaki Shipyard consists of four component parts: No.3 Dry Dock, Giant Cantilever Crane, Senshokaku Guest House, and Former Pattern Shop .
- **Elements:** Elements are the individual parts of a site making up a component part

and an individual chart is prepared for each member.

An individual chart contains: 1) visual observation of each member, 2) issues with the future follow-ups, and 3) follow-up period, etc.

In case of a building, for example, the building, which is a constituent element, is broken down into multiple members (a living room, toilet, and a hallway on the first floor; a stairway, a living room, and a hallway on the second floor; etc.). Then, each member is broken down into materials such as [1] the ground/foundation, [2] floor, [3] interior walls (surrounding walls), [4] ceiling and also the materials constituting these sub-materials (such as columns, girders, beams, wall surfaces, windows, and shelves) are further identified.

## **B. General chart**

A chart prepared for comprehensively indicating the improvement measures for the deterioration or weathering conditions of the entire constituent element. A general chart comprehensively summarizes multiple individual charts on one sheet of paper.

### **(4) Standard forms for individual/general charts based on the four types of constituent elements**

A constituent element generally falls under any of the following four types. Therefore, four types of the standard individual and general charts are prepared to be used for each type of constituent element. A monitoring chart for each component part is prepared in compliance with these standard forms.

#### **a) Stone walls (including stone buildings)**

“Hashino Iron Mining and Smelting Site” is referred to as the standard form.

#### **b) Buildings**

“Miyanohara Pit of Miike Coal Mine and Miike Port (designated as an Important Cultural Property)” and Sengan-en Garden (designated as a Historic Site and a Place of Scenic Beauty) of “Shuseikan” are referred to as the standard forms according to the nature and type of cultural property of each constituent element.

#### **c) Underground archaeological remains and the surrounding landscape**

“Hashino Iron Mining and Smelting Site” and “Miyanohara Pit of Miike Coal Mine and Miike Port” are referred to as the standard forms.

#### **d) Gardens and ponds**

Sengan-en Garden of “Shuseikan” is referred to as the standard form.

### **(5) Additional amendments to existing “annual report” and Chapter 6 of Conservation Management Plan (CMP) of each component part**

Following the reorganization of the structures and methods of the follow-up and preparation of the monitoring chart, the following two operations will additionally be required.

- a) A partial revision to the “annual report” that was prepared by the Cabinet Secretariat in March 2015<sup>3</sup>.
- b) A partial revision to the items of the “Chapter 6 follow-up” of the Conservation Management Plan (CMP) prepared for nomination in 2014. In particular, the monitoring indicator and period should be added to the common items of the follow-up summarized in Section 1 of Chapter 6, which will allow for a physical and visual observation of any adverse impact caused by a development activity in the buffer zone. The revision of the CMP will be made in conjunction with the preparation of a periodic report submitted to UNESCO about every six years.

<sup>3</sup> New template of an annual report is indicated as **Appendix e)-3**

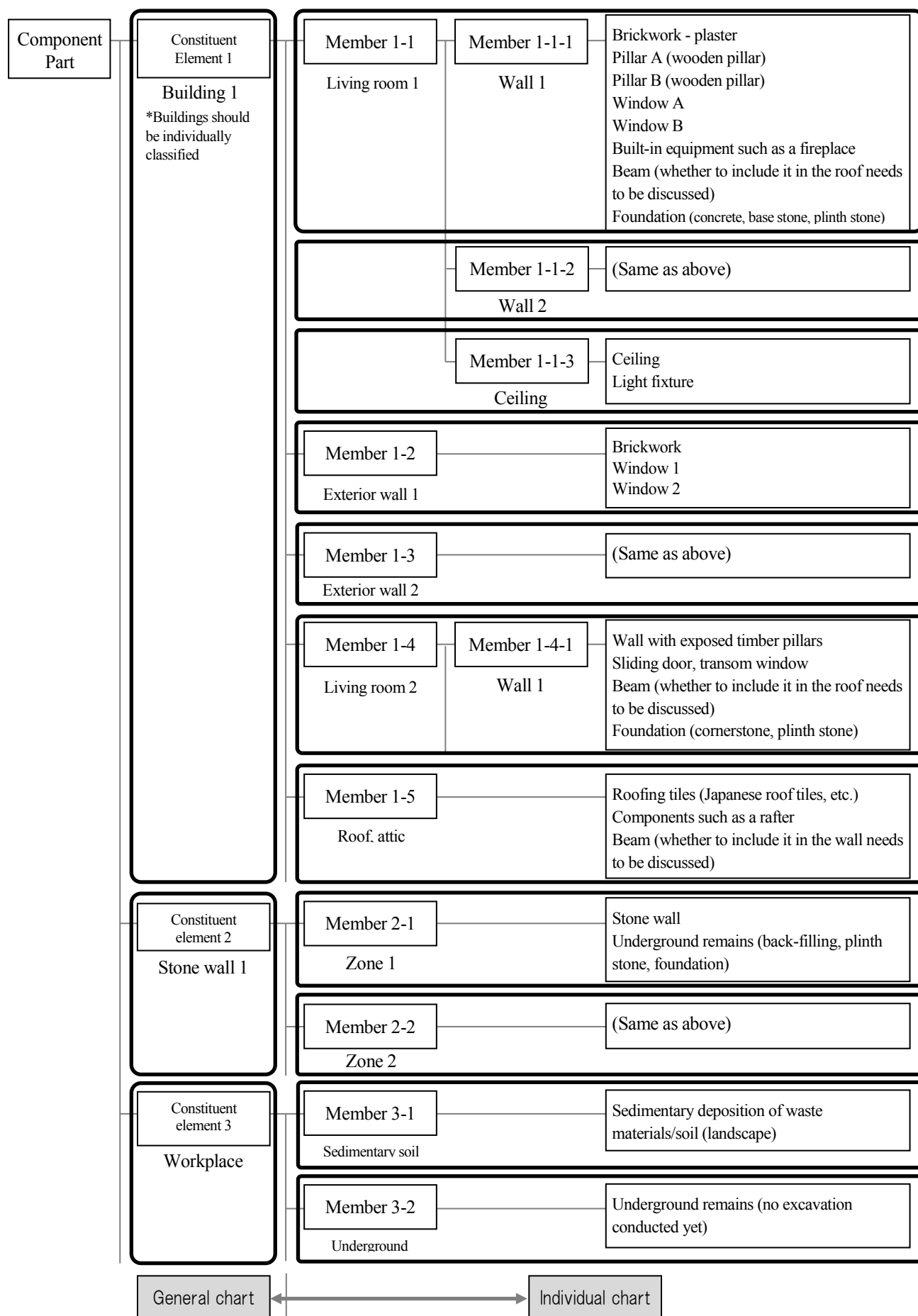
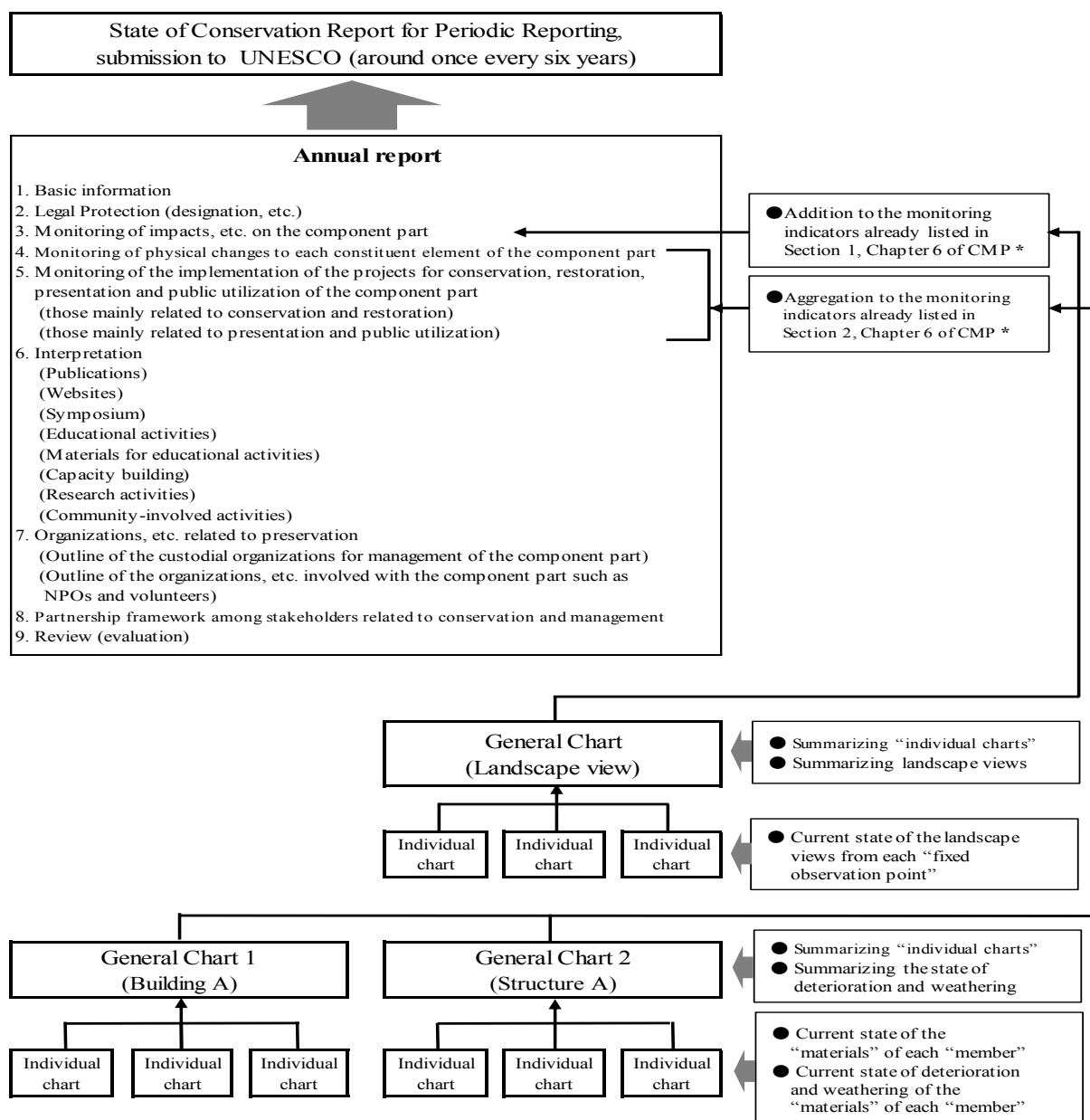


Figure 3 Relationship between component parts/constituent elements/members and general/individual charts (example)



\* CMP: "Conservation Management Plan" for each of the 23 component parts of the property were attached to the Nomination Document in 2014.

Figure 4 Relationships between UNESCO State of Conservation Report for Periodic Reporting by the Government of Japan, annual report by the Local Conservation Councils, and general/individual charts by the owners and municipalities concerned

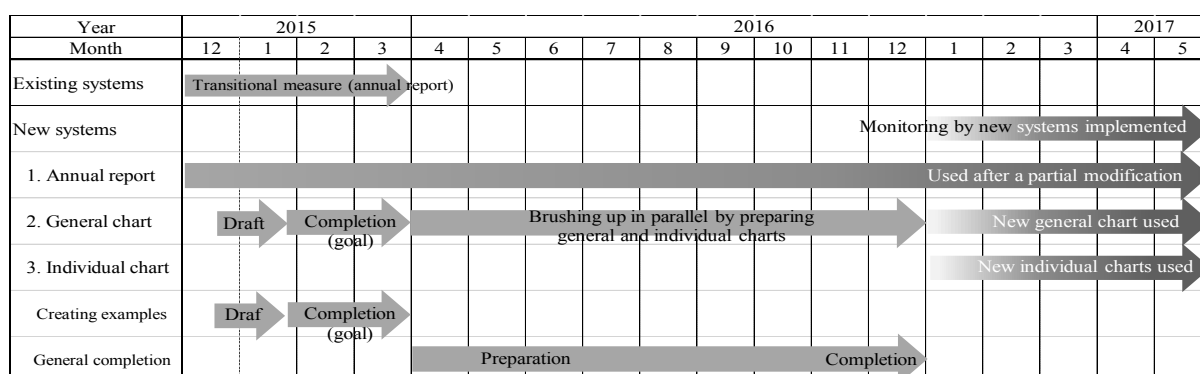







Figure 5 2015–2017 Schedule




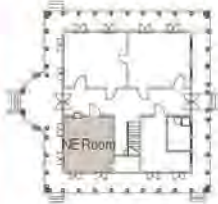
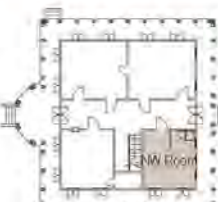

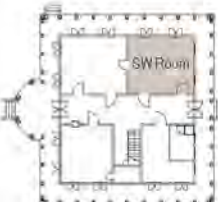
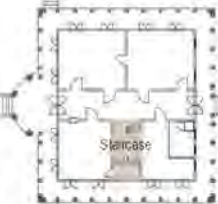
## Monitoring charts consisting of general and individual charts for Shuseikan(samples)

Former Kagoshima Foreign Engineer's Residence Monitoring  
General Chart/Individual Chart


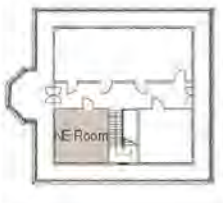
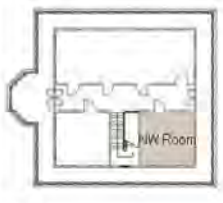
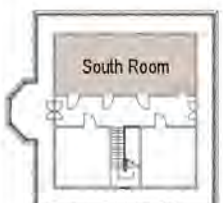
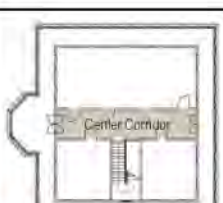

  =General charts and individual charts are attached as examples

Constituent Element	Part 1	Part 2	Materials
<b>Former Kagoshima Foreign Engineer's Residence</b>	Broken down by building exteriors (each side), each room, exterior elements, etc.	Subcategorization of the elements of Part 1 (e.g., for interior rooms, the units are wall surface, ceiling surface, floor, etc.)	Materials comprising Part 2
<div>▶1</div>  <p>Exterior Front (East side)</p>	Exterior Front (East side)	Roof	Tile Batten seam galvanized sheet iron Gutters (copper plate) Roof finial (tile)
		Foundation	Foundation stone Pillar foundation stone
		Columns, beams	Wooden columns & beams Railing, banister
		Exterior wall	Wall surface (wood & plaster) Stringcourse (galvanized steel) Small wall under eaves (wood) Window frame (wood)
<div>▶2</div>  <p>Exterior Side (North side)</p>	Exterior Side (North side)	Roof	Tile Batten seam galvanized sheet iron Gutters (copper plate)
		Foundation	Foundation stone Pillar foundation stone
		Columns, beams	Wooden columns & beams Railing, banister
		Exterior wall	Wall surface (wood & plaster) Stringcourse (galvanized steel) Small wall under eaves (wood) Window frame (wood)
 <p>Exterior Rear (West side)</p>	Exterior Rear (West side)	Roof	Tile Batten seam galvanized sheet iron Gutters (galvanized steel)
		Foundation	Foundation stone Pillar foundation stone
		Columns, beams	Wooden columns & beams Railing, banister
		Exterior wall	Wall surface (wood & plaster) Stringcourse (galvanized steel) Small wall under eaves (wood) Window frame (wood)
 <p>Exterior Side (South side)</p>	Exterior Side (South side)	Roof	Tile Batten seam galvanized sheet iron Gutters (copper plate)
		Foundation	Foundation stone Pillar foundation stone
		Columns, beams	Wooden columns & beams Railing, banister
		Exterior wall	Wall surface (wood & plaster) Stringcourse (galvanized steel) Small wall under eaves (wood) Window frame (wood)
 <p>1st Floor Veranda</p>	1st Floor Veranda	Ceiling	Ceiling board (wood)
		Floor	Flagstone
		Exterior wall	Wall surface (wood & plaster) Fittings (wooden door) Fittings (wood & glass door) Fittings (wooden louver door) 1st floor window frame (wood) Upper transom (wood) Glass

▶ 3

	1st Floor Center Corridor	Ceiling	Ceiling board (wood) Lighting
		Floor	Carpeting
		Interior wall	Wall surface (wood & plaster) Fittings (wooden door) Window frame (wood) Glass Fire hydrant
	1st Floor NE Room	Ceiling	Ceiling board (wood) Lighting
		Floor	Carpeting
		Interior wall	Eastern wall surface (wood & plaster) Western wall surface (wood & plaster) Southern wall surface (wood & plaster) Northern wall surface (wood & plaster) Fittings (wooden door) Fittings (wood & glass door) Window frame (wood) Glass
	1st Floor NW Room	Ceiling	Ceiling board (wood) Lighting
		Floor	Carpeting Tatami mats
		Interior wall	Eastern wall surface (wood & plaster) Western wall surface (wood & plaster) Southern wall surface (wood & plaster) Northern wall surface (wood & plaster) Fittings (wooden door) Fittings (wood & glass door) Window frame (wood) Glass
	1st Floor SE Room	Ceiling	Ceiling board (wood) Lighting
		Floor	Carpeting
		Interior wall	Eastern wall surface (wood & plaster) Western wall surface (wood & plaster) Southern wall surface (wood & plaster) Northern wall surface (wood & plaster) Fittings (wooden door) Fittings (wood & glass door) Glass
	1st Floor SW Room	Ceiling	Ceiling board (wood) Lighting
		Floor	Carpeting
		Interior wall	Eastern wall surface (wood & plaster) Western wall surface (wood & plaster) Southern wall surface (wood & plaster) Northern wall surface (wood & plaster) Fittings (wooden door) Fittings (wood & glass door) Window frame (wood) Glass
	Staircase from 1st to 2nd Floor	Ceiling	Ceiling board (wood) Lighting
		Stairs, Floor	Carpeting
		Interior wall	Eastern wall surface (wood & plaster) Western wall surface (wood & plaster) Northern wall surface (wood & plaster) Fittings (wooden door) Window frame (wood) Glass
		Railing	Wooden handrail



 <p>Veranda</p>	2nd Floor Veranda	Ceiling	Ceiling board (wood)
		Floor	Lighting
		Interior wall	Carpeting
			Wall surface (wood & plaster)
			Fittings (wooden door)
 <p>NE Room</p>	2nd Floor NE Room	Fittings (wood & glass door)	Upper transom (wood)
			2nd floor exterior window frame (wood)
			Aluminum sash (interior)
			Glass
 <p>NW Room</p>	2nd Floor NW Room	Ceiling	Ceiling board (wood)
		Floor	Lighting
		Interior wall	Carpeting
			Eastern wall surface (wood & plaster)
			Western wall surface (wood & plaster)
 <p>South Room</p>	2nd Floor South Room	Southern wall surface (wood & plaster)	Northern wall surface (wood & plaster)
			Fittings (wooden door)
			Fittings (wood & glass door)
			Glass
 <p>Center Corridor</p>	2nd Floor Center Corridor	Ceiling	Ceiling board (wood)
		Floor	Lighting
		Interior wall	Carpeting
			Wall surface (wood & plaster)
			Fittings (wooden door)
	Exterior Elements	East side of building	Plantings
			Water cannon
			Sensor
			Old well
		West side of building	Plantings
			Pathway, staircase
			Entrance for maintenance
			Water cannon
			Toilet
		South side of building	Sensor
			Old water tank
		North side of building	Front gate (visitor entrance)
			Information center
			Building manager's room
			Pump room
			Drinking fountain
			Plantings
			Explanation board

▶ 4

### General Chart

Name of the component part	Former Kagoshima Foreign Engineer's Residence		
Survey date	December 15, 2016 (Thurs.) 10:00-13:00	Weather	Sunny
Surveyor	Mr./Ms.XXXX, Cultural Properties Division, Board of Education, Kagoshima City		

No.	Survey category (Part 1)		Survey findings			Contributing factors (No. number)	Special remarks
	Part 2	No. indication	Finding up	Remediation needed (if)			
1	Exterior Front (East side)						
(1)	Roof	✓					
(2)	Foundation		✓			4	Crack in pillar foundation stone
(3)	Columns, beams		✓			4	Peeling, fading of paint
(4)	Exterior wall		✓			4	Peeling, fading of paint
2	Exterior Side (North side)						
(1)	Roof			2 places		4	Gutters (2 places)
(2)	Foundation	✓					
(3)	Columns, beams		✓			4	Peeling, fading of paint
(4)	Exterior wall		✓			4	Peeling, fading of paint
3	Exterior Rear (West side)						
(1)	Roof			2 places		4	Gutters (2 places)
(2)	Foundation	✓					
(3)	Columns, beams		✓			4	Peeling, fading of paint
(4)	Exterior wall		✓			4	Peeling, fading of paint
4	Exterior Side (South side)						
(1)	Roof			2 places		4	Gutters (2 places)
(2)	Foundation		✓			4	Crack in pillar foundation stone
(3)	Columns, beams		✓			4	Peeling, fading of paint
(4)	Exterior wall		✓			4	Peeling, fading of paint
5	1st Floor Veranda						
(1)	Ceiling	✓					
(2)	Floor		✓			4	Gaps between stones
(3)	Exterior wall		✓			4	Cracks, warping of louver doors, etc
6	1st Floor Center Corridor						
(1)	Ceiling	✓					
(2)	Floor	✓					
(3)	Exterior wall	✓					
7	1st Floor NE Room						
(1)	Ceiling	✓					
(2)	Floor	✓					
(3)	Interior wall	✓					
8	1st Floor NW Room						
(1)	Ceiling	✓					
(2)	Floor	✓					
(3)	Interior wall	✓					
9	1st Floor SE Room						
(1)	Ceiling	✓					
(2)	Floor	✓					
(3)	Interior wall		✓			4	Cracked glass
10	1st Floor SW Room						
(1)	Ceiling	✓					
(2)	Floor	✓					
(3)	Interior wall	✓					
11	Staircase from 1st to 2nd Floor						
(1)	Ceiling	✓					
(2)	Stairs, Floor	✓					
(3)	Interior wall	✓					
(4)	Handrail	✓					

12	2nd Floor Veranda					
(1)	Ceiling	✓				
(2)	Floor		✓		4	Fading in part of the carpet
(3)	Interior wall		✓		4	Peeling, fading of paint
13	2nd Floor NE Room					
(1)	Ceiling	✓				
(2)	Floor	✓				
(3)	Interior wall		✓		4	Cracked glass
14	2nd Floor NW Room					
(1)	Ceiling	✓				
(2)	Floor	✓				
(3)	Interior wall	✓				
15	2nd Floor South Room					
(1)	Ceiling		✓		4	Crack in ventilating hole
(2)	Floor	✓				
(3)	Interior wall	✓				
16	2nd Floor Center Corridor					
(1)	Ceiling	✓				
(2)	Floor	✓				
(3)	Interior wall	✓				
17	Exterior Elements					
(1)	East side of building	✓				
(2)	West side of building		✓		4	Damage, missing pieces in staircase brick work
(3)	South side of building	✓				
(4)	North side of building	✓				

State of planned improvements, etc.

No.	Details of improvement measures or reason why improvements cannot be implemented	Date of (planned) improvement Year/Month

Contributing factors

Environmental changes	1: Trees and shrubs, etc., 2: Insects, 3: Mold, 4: Time-related deterioration
Natural disaster	5: Fire, 6: Lightning, 7: Wind and flooding, 8: Landslide, 9: Earthquake, 10: Tsunami, 11: Volca
Tourism pressures	12: Man-made acts by visitors, etc.
Other	13: Other





## Individual Chart

( Name of the component part: Shuseikan )

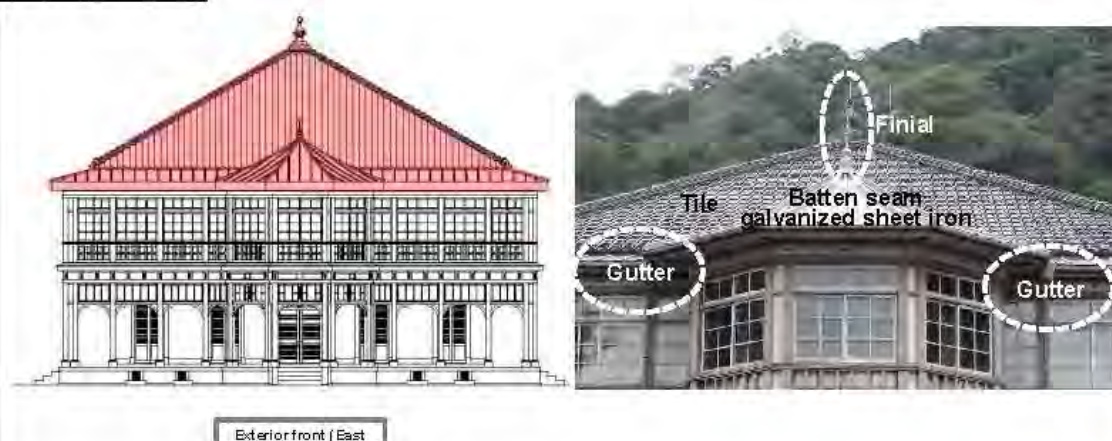
Chart No.

Last modified December 15, 2016

Name of the Constituent Element (building) Former Kagoshima Foreign Engineer's Residence

Floor No.	Roof	Part 1	Exterior front (East side)	Part 2	Roof
Materials	State/Remarks		Points to keep in mind (points to pass along in particular, etc.)		
Tile	Good		Check for tile damage, missing tile, cracks, etc.		
Batten seam galvanized sheet iron	Good		Check underlying materials for warping, displacement, breaks, corrosion, etc.		
Gutters (copper plate)	Good		Check for damage, fallen portions, instability of support hardware, etc.		
Exterior wall finial (tile)	Good		Check for damage, missing tile, cracks, etc.		

[Diagram, photos, etc.]



Position of degradation or damage		
Date of record		Position of damage (location)
Position diagram/photo		
Special remarks (measures to be taken)		
History of repairs, etc.	Repairs were made in two spots to damaged gutters (March 1-31, 2016).	



## Individual Chart

(Name of the component part: Shuseikan )

Chart No.	
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Last modified December 15, 2016

Name of the Constituent Element (building)	Former Kagoshima Foreign Engineer's Residence
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Floor No.	1st floor	Part 1	Exterior front (East side)	Part 2	Foundation
Materials	State/Remarks			Points to keep in mind (points to pass along in particular, etc.)	
Foundation stone	Good			Check for cracks, break away parts, damage, etc., to stone	
Pillar foundation stone	Crack in stone in 1 location			Check for cracks, break away parts, damage, and termite damage to stone	
[Diagram, photos, etc.]					



Exterior front (East side)



Position of degradation or damage			
Date of record	2016/12/15	Position of damage (location)	Pillar foundation stone near front entrance
Position diagram/photo	<p>Exterior front (East side)</p>		
Special remarks (measures to be taken)	A crack can be seen in the pillar foundation stone. Since this does not require immediate repair, we will monitor how it progresses. It will be fixed the next time repair work is being carried out.		
History of repairs, etc.			





## Individual Chart

(Name of the component part: Shuseikan )

Chart No.

Last modified December 15, 2016

Name of the Constituent Element (building) Former Kagoshima Foreign Engineer's Residence

Floor No.	1st and 2nd Floor	Part 1	Exterior front (East side)	Part 2	Columns, beams
Materials	State/Remarks			Points to keep in mind (points to pass along in particular, etc.)	
Wooden columns, beams	Overall fading, some paint peeling			Check for peeling paint, cracks, fading, corrosion, termite damage, etc.	
Railing, banister	Overall fading, some paint peeling			Check for peeling paint, cracks, fading, corrosion, etc.	
[Diagram, photos, etc.]					

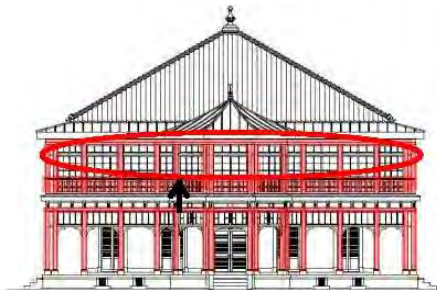




Exterior front (East side)



Railing, banister

Columns, beams

Position of degradation or damage			
Date of record	2016/12/15	Position of damage (location)	2nd floor railing
Position diagram/photo	 <p>Exterior front (East side)</p>		 
Special remarks (measures to be taken)	There is deterioration of the paint on the columns, beams, railings, and banisters due to UV light, and along with fading, there is some peeling. We will continue to monitor the impact on the base wood materials and will paint it at the appropriate time.		
History of repairs, etc.			



## Individual Chart

(Name of the component part: Shuseikan )

Chart No.

Last modified December 15, 2016

Name of the Constituent Element (building) Former Kagoshima Foreign Engineer's Residence

Floor No.	1st and 2nd floors	Part 1	Exterior front (East side)	Part 2	Exterior wall
Materials	State/Remarks		Points to keep in mind (points to pass along in particular, etc.)		
Wall surface (wood & plaster)	Good		Check plaster surface for cracks and peeling, fading, stains, dirt, etc.		
Stringcourse (galvanized steel)	Good		Check for fissures and breakage, peeling, cracks, etc.		
Small wall under eaves (wood)	Good		Check for fissures and breakage, peeling, cracks, etc.		
Window frame (wood)	Overall fading, some paint peeling		Check for fissures and breakage, peeling, cracks, etc.		

[Diagram, photos, etc.]



Exterior front (East side)

Position of degradation or damage			
Date of record	2016/12/15	Position of damage (location)	Window frame (wood)
Position diagram/photo	<p>Exterior front (East side)</p>		
Special remarks (measures to be taken)	There is deterioration of the paint on the window frame due to UV light, and along with fading, there is some peeling. We will continue to monitor the impact on the base wood materials and will paint it at the appropriate time.		
History of repairs, etc.			



## 2

### Individual Chart

(Name of the component part: Shuseikan )

Chart No.	
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Last modified December 15, 2016

Name of the Constituent Element (building)	Former Kagoshima Foreign Engineer's Residence
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Floor No.	Roof	Part 1	Exterior side (North side)	Part 2	Roof
Materials	State/Remarks			Points to keep in mind (points to pass along in particular, etc.)	
Tile	Good			Check for tile breakage, missing tiles, cracks, etc.	
Batten seam galvanized sheet iron	Good			Check base materials for warping, displacement, breaks, corrosion, etc.	
Gutters (copper plate)	Gutter breakage in two locations.			Check for damage, fallen portions, instability of support hardware, etc.	
[Diagram, photos, etc.]					



Exterior side (North side)



Position of degradation or damage			
Date of record	2016/12/15	Position of damage (location)	Gutters (2 locations)
Position diagram/photo	<p>Exterior side (North side)</p>		
Special remarks (measures to be taken)	The edge of the roof is curled up and there is breakage, so repairs will be done at the appropriate time.		
History of repairs, etc.			

## 2

### Individual Chart

(Name of the component part: Shuseikan )

Chart No.

Last modified December 15, 2016

Name of the Constituent Element (building) Former Kagoshima Foreign Engineer's Residence

Floor No.	1st floor	Part 1	Exterior side (North side)	Part 2	Foundation
Materials	State/Remarks			Points to keep in mind (points to pass along in particular, etc.)	
Foundation stone	Good				Check stone for cracks, break away parts, damage, etc.
Pillar foundation stone	Good				Check stone for cracks, break away parts, damage, and termite damage
[Diagram, photos, etc.]					



Exterior side (North side)



Position of degradation or damage		
Date of record		Position of damage (location)
Position diagram/photo		
Special remarks (measures to be taken)		
History of repairs, etc.		



## 2

### Individual Chart

(Name of the component part: Shuseikan )

Chart No.

Last modified December 15, 2016

Name of the Constituent Element (building) Former Kagoshima Foreign Engineer's Residence

Floor No.	1st and 2nd floors	Part 1	Exterior side (North side)	Part 2	Columns, beams
Materials	State/Remarks		Points to keep in mind (points to pass along in particular, etc.)		
Wooden columns, beams	Overall fading, some paint peeling; vertical fissures can be seen on one column		Check for peeling paint, cracks, fading, corrosion, termite damage, etc.		
Railing, banister	Overall fading, some paint peeling		Check for peeling paint, cracks, fading, corrosion, etc.		

[Diagram, photos, etc.]



Exterior side (North side)



Railing, banister

Columns, beams

Position of degradation or damage

Date of record 2016/12/15 Position of damage (location) 1st floor column portion

Position diagram/photo	<p>Exterior side (North side)</p>	

Special remarks (measures to be taken) There is deterioration of the paint on the columns, beams, railings and banisters due to UV light, and along with fading, there is some peeling. We will continue to observe the impact on the base wood materials and will paint it at the appropriate time. In addition, cracks can be seen on a column. We do not believe that this requires immediate repair, so we will monitor the progress and will fix it appropriately in response to the situation.

History of repairs, etc.



## 2

### Individual Chart

Chart No.

(Name of the component part: Shuseikan )

Last modified December 15, 2016

Name of the Constituent Element (building) Former Kagoshima Foreign Engineer's Residence

Floor No.	1st and 2nd floors	Part 1	Exterior side (North side)	Part 2	Exterior wall
Materials	State/Remarks		Points to keep in mind (points to pass along in particular, etc.)		
Wall surface (wood & plaster)	Good		Check plaster surface for fissures and peeling, fading, stains, dirt, etc.		
Stringcourse (galvanized steel)	Good		Check for fissures and breakage, peeling, cracks, etc.		
Small wall under eaves (wood)	Good		Check for fissures and breakage, peeling, cracks, etc.		
Window frame (wood)	Overall fading, some paint peeling		Check for fissures and breakage, peeling, cracks, etc.		

[Diagram, photos, etc.]



Exterior side (North side)



Position of degradation or damage			
Date of record	2016/12/15	Position of damage (location)	Window frame (wood)
Position diagram/photo	<p>Exterior side (North)</p>		
Special remarks (measures to be taken)	There is deterioration of the paint on the window frames due to UV light, and along with fading, there is some peeling. We will continue to monitor the impact on the base wood materials and will paint it at the appropriate time.		
History of repairs, etc.			

### 3

#### Individual Chart

(Name of the component part: Shuseikan )

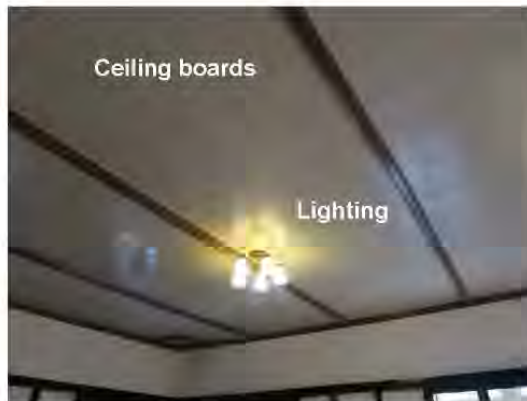
Chart No.	
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Last modified	December 15, 2016
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Name of the Constituent Element (building)	Former Kagoshima Foreign Engineer's Residence
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Floor No.	1st floor	Part 1	1st floor NE room	Part 2	Ceiling
Materials	State/Remarks			Points to keep in mind (points to pass along in particular, etc.)	
Ceiling board (wood)	Good			Check for fissures, peeling, fading, stains, dirt, gaps, etc.	
Lighting	Good			Check light fixtures, suspended items, etc., for deterioration, damage	

[Diagram, photos, etc.]



Position of degradation or damage			
Date of record		Position of damage (location)	
Position diagram/photo			
Special remarks (measures to be taken)			
History of repairs, etc.			

### 3

#### Individual Chart

(Name of the component part: Shuseikan )

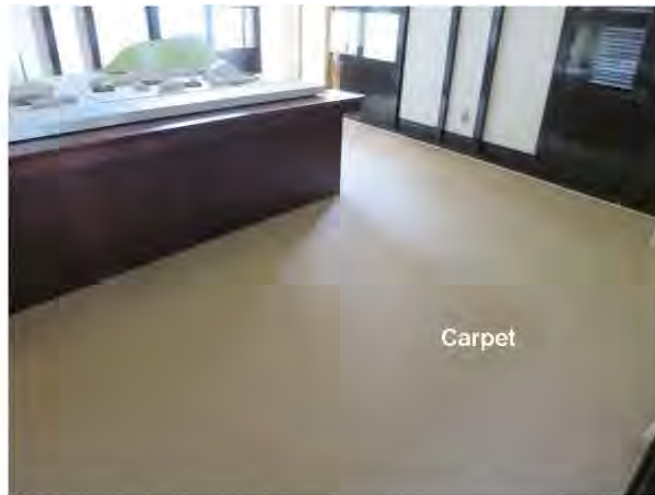
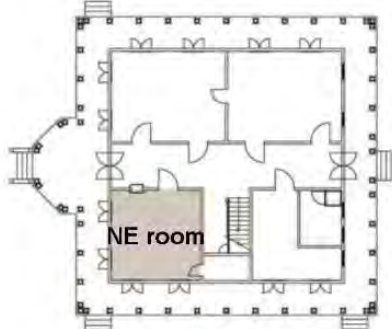
Chart No.	
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Last modified	December 15, 2016
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Name of the Constituent Element (building)	Former Kagoshima Foreign Engineer's Residence
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Floor No.	1st floor	Part 1	1st floor NE room	Part 2	Floor
Materials	State/Remarks			Points to keep in mind (points to pass along in particular, etc.)	
Carpeting	Good			Check for flaws, wear, fading, stains, dirt, etc.	

[Diagram, photos, etc.]



Position of degradation or damage		
Date of record		Position of damage (location)
Position diagram/photo		
Special remarks (measures to be taken)		
History of repairs, etc.		



### 3

#### Individual Chart

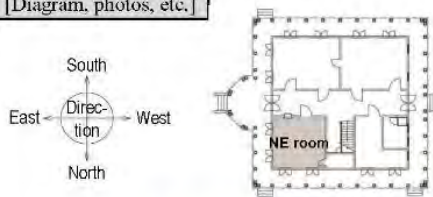
( Name of the component part: Shuseikan )

Chart No.

Last modified December 15, 2016

Name of the Constituent Element (building) Former Kagoshima Foreign Engineer's Residence

Floor No.	1st floor	Part 1	1st floor NE room	Part 2	Interior wall
Materials	State/Remarks			Points to keep in mind (points to pass along in particular, etc.)	
Wall surface (East)	Good			Check for fissures, damage, peeling, fading, stains, dirt, etc.	
Wall surface (West)	Good			Check for fissures, damage, peeling, fading, stains, dirt, etc.	
Wall surface (South)	Good			Check for fissures, damage, peeling, fading, stains, dirt, etc.	
Wall surface (North)	Good			Check for fissures, damage, peeling, fading, stains, dirt, etc.	
Fittings (wooden door)	Good			Check condition of paint and look for fissures, cracks, breakage, etc.	
Fittings (glass door)	Good			Check condition of paint and look for fissures, cracks, breakage, etc.	
Glass	Good			Check for cracks, breakage, etc.	



Appendix e)-2 Monitoring charts consisting of general and individual charts for Shuseikan (Component Part 2-1/Area 2),  
the Terayama Charcoal Kiln (Component Part 2-2/Area 2),  
and the Sekiyoshi Sluice Gate of Yoshino Leat (Component Part 2-3/Area 2)

Position of degradation or damage		
Date of record		Position of damage (location)
Position diagram/photo		
Special remarks (measures to be taken)		
History of repairs, etc.		



## 4

### Individual Chart

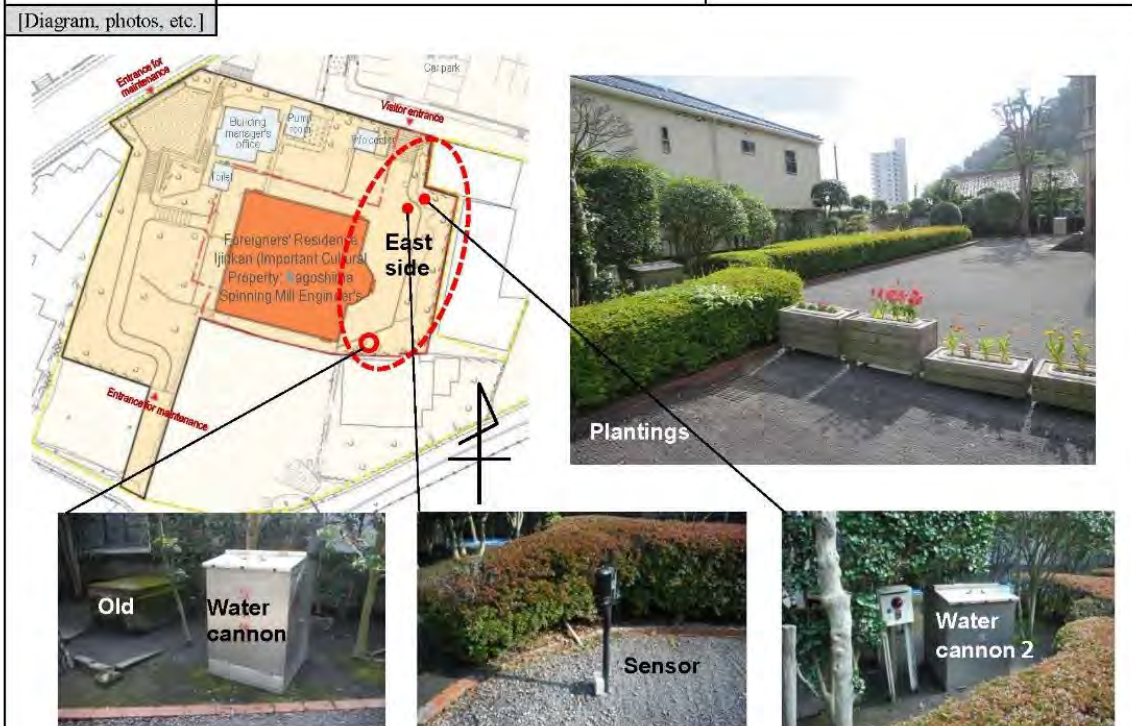
Chart No.

(Name of the component part: Shuseikan )

Last modified December 15, 2016

Name of the Constituent Element (building) Former Kagoshima Foreign Engineer's Residence

Floor No.	1st floor	Part 1	Exterior elements	Part 2	East side of building
Materials	State/Remarks		Points to keep in mind (points to pass along in particular, etc.)		
Plantings	Good		Pruning of branches, check for harmful insects, etc.		
Water cannon	Good		Check condition of metal fittings, check for breakage, etc.		
Sensor	Good		Check condition of metal fittings, check for breakage, etc.		
Old well	Good		Check for deterioration due to cracks, separation, damage, etc., to stone		



Position of degradation or damage		
Date of record		Position of damage (location)
Position diagram/photo		
Special remarks (measures to be taken)		
History of repairs, etc.		

# 4

## Individual Chart

(Name of the component part: Shuseikan )

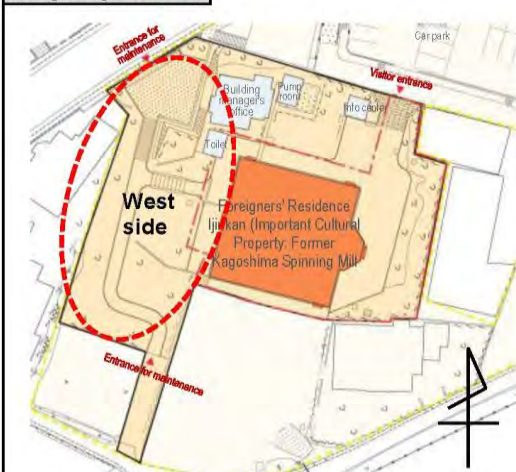
Chart No.

Last modified December 15, 2016

Name of the Constituent Element (building) Former Kagoshima Foreign Engineer's Residence

Floor No.	1st floor	Part 1	Exterior elements	Part 2	West side of building
Materials	State/Remarks		Points to keep in mind (points to pass along in particular, etc.)		
Plantings	Good		Pruning of branches, check for harmful insects, etc.		
Pathway, staircase	Damage/missing pieces in brickwork (2 places)		Check for presence of unevenness, tilting, cracks, damage, etc.		
Entrance for maintenance	Good		Check for presence of unevenness, tilting, cracks, damage, etc.		
Water cannon	Good		Check condition of metal fittings, check for breakage, etc.		
Toilet	Good		Check for fissures, breakage, peeling, cracks, etc.		

[Diagram, photos, etc.]



Position of degradation or damage			
Date of record	2016/12/15	Position of damage (location)	Staircase, brickwork
Position diagram/photo			
Special remarks (measures to be taken)	There is damage and missing pieces in the brickwork on the stairs in two locations. This does not require immediate repair, but we will monitor how it progresses. It will be fixed the next time repair work is being carried out.		
History of repairs, etc.			



# 4

## Individual Chart

Chart No.

(Name of the component part: Shuseikan )

Last modified

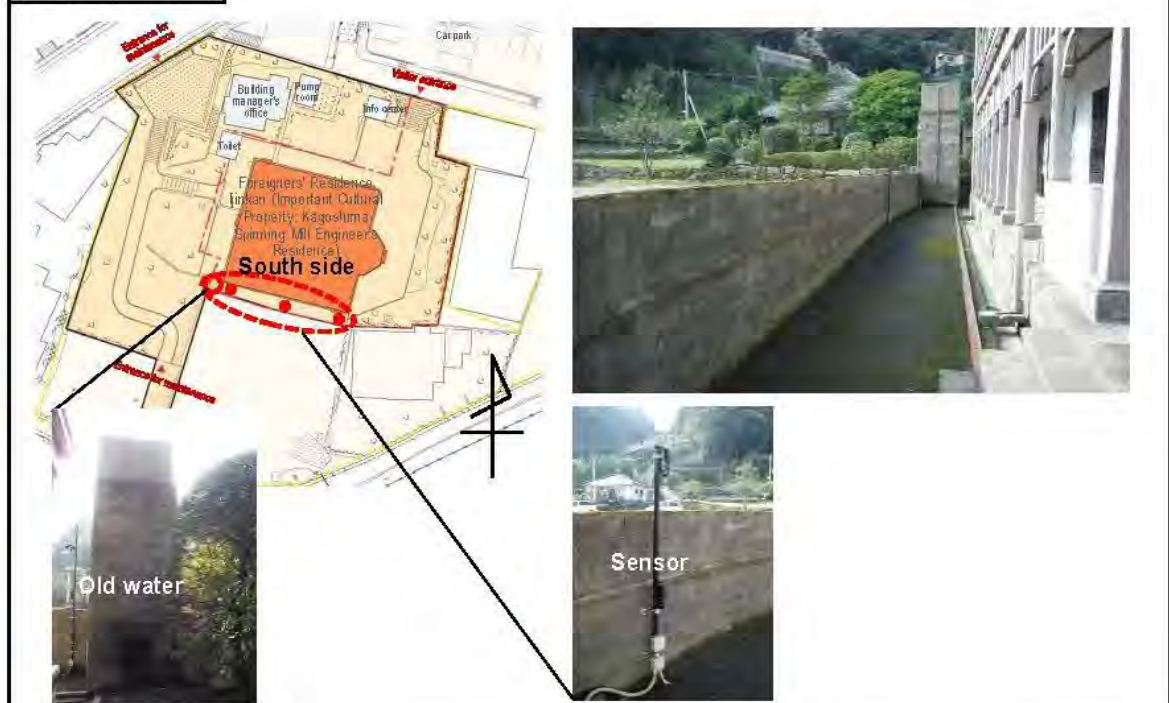
December 15, 2016

Name of the Constituent Element (building)

Former Kagoshima Foreign Engineer's Residence

Floor No.	1st floor	Part 1	Exterior elements	Part 2	South side of building
Materials	State/Remarks			Points to keep in mind (points to pass along in particular, etc.)	
Sensor	Good			Check condition of metal fittings, check for breakage, etc.	
Old water tank	Good			Check for deterioration due to cracks, break away parts, damage, etc., to stone	

[Diagram, photos, etc.]



Position of degradation or damage	
Date of record	Position of damage (location)
Position diagram/photo	
Special remarks (measures to be taken)	
History of repairs, etc.	



# 4

## Individual Chart

(Name of the component part: Shuseikan )

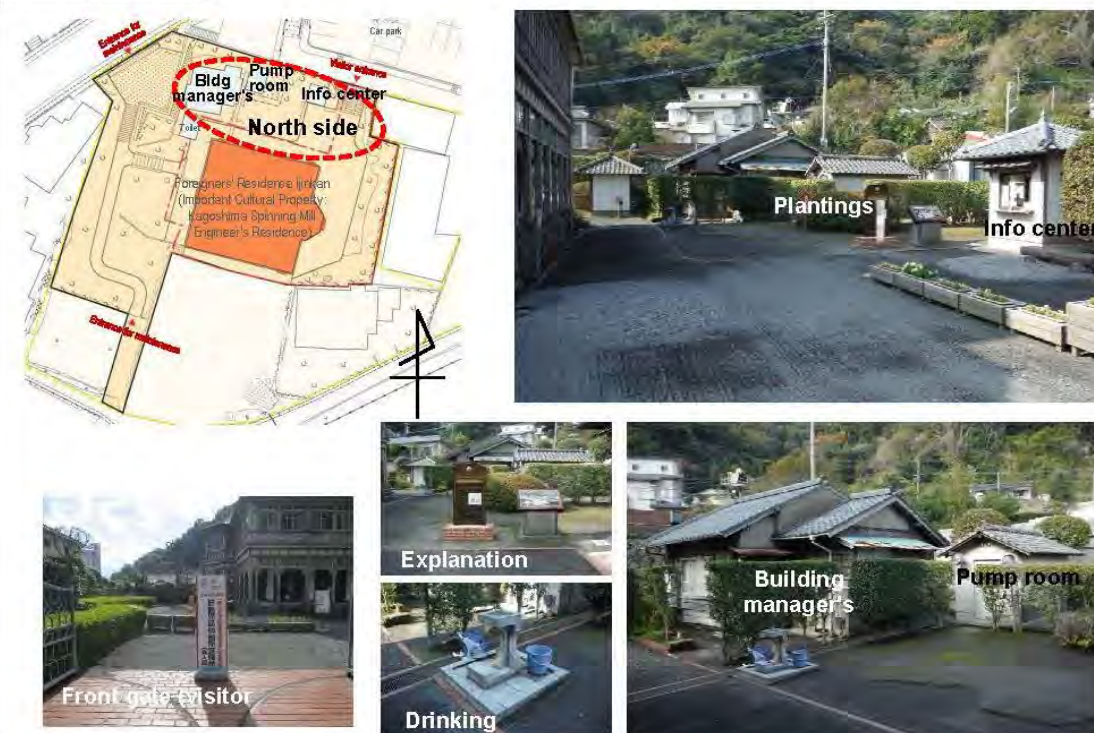
Chart No.

Last modified December 15, 2016

Name of the Constituent Element (building) Former Kagoshima Foreign Engineer's Residence

Floor No.	1st floor	Part 1	Exterior elements	Part 2	North side of building
Materials	State/Remarks		Points to keep in mind (points to pass along in particular, etc.)		
Front gate (visitor entrance)	Good		Check for presence of unevenness, tilting, cracks, damage, etc.		
Information center	Good		Check for fissures, breakage, peeling, cracks, etc.		
Building manager's room	Good		Check for fissures, breakage, peeling, cracks, etc.		
Pump room	Good		Check for fissures, breakage, peeling, cracks, etc.		
Drinking fountain	Good		Check for fissures, breakage, peeling, cracks, etc.		
Plantings	Good		Pruning of branches, check for harmful insects, etc.		
Explanation board	Good		Check for fissures, breakage, peeling, cracks, etc.		

[Diagram, photos, etc.]



Position of degradation or damage			
Date of record	December 15, 2016	Position of damage (location)	
Position diagram/photo			
Special remarks (measures to be taken)			
History of repairs, etc.			

**Relationship between Component Part, Constituent Elements, and Parts (Terayama Charcoal Kiln)**

	Component Part	Constituent Element	Part 1	Part 2
▶1	Terayama Charcoal Kiln	Remains of charcoal kiln	Stonework	Front right side Front left side Inside entrance right side Front entrance left side Inside back face
			Vestibule	Ground surface
▶2	Terayama Charcoal Kiln	Kiln monument	Stone monument	Front Right side Left side Back
▶3	Terayama Charcoal Kiln	Scenic view	Vantage point 1	Scenic view 1-1 Scenic view 1-2
			Vantage point 2	Scenic view 2-1 Scenic view 2-2
			Vantage point 3	Scenic view 3
			Vantage point 4	Scenic view 4
			Vantage point 5	Scenic view 5-1 Scenic view 5-2
			Vantage point 6	Scenic view 6
			Vantage point 7	Scenic view 7
			Vantage point 8	Scenic view 8



### General Chart

A2 Kagoshima Area

Name of the component part	2 Terayama Charcoal Kiln
----------------------------	--------------------------

Survey date	February 15, 2017 (Wed.)	Weather	Sunny
Surveyor	Mr./Ms.XXXX, Cultural Assets Division, Board of Education, Kagoshima City		

1

No.	Survey category		Survey findings			Contributing factors (by number)	Special remarks
	Part 1	Part 2	Deterioration	Follow up	Remediation needed (if)		
1	Remains of charcoal kiln						
(1)	Stonework	Front right side		✓			Looseness, bulging
(2)		Front left side		✓			Looseness, bulging
(3)		Inside entrance right side		✓			Looseness, bulging
(4)		Inside entrance left side		✓			Looseness, bulging
(5)		Inside back face	✓				Looseness, bulging
(6)	Vestibule	Ground surface	✓				

2

2	Kiln monument						
(1)	Stone monument	Front	✓				
(2)		Right side	✓				
(3)		Left side	✓				
(4)		Back	✓				

3

3	Scenic view						
(1)	Vantage point 1	Scenic view 1-1	✓				
(2)		Scenic view 1-2	✓				
(3)	Vantage point 2	Scenic view 2-1	✓				
(4)		Scenic view 2-2	✓				
(5)	Vantage point 3	Scenic view 3	✓				
(6)	Vantage point 4	Scenic view 4	✓				
(7)	Vantage point 5	Scenic view 5-1	✓				
(8)		Scenic view 5-2	✓				
(9)	Vantage point 6	Scenic view 6	✓				
(10)	Vantage point 7	Scenic view 7	✓				
(11)	Vantage point 8	Scenic view 8	✓				

Status of planned improvements, etc.

No.	Details of improvement measures or reason why improvements cannot be implemented	Date of (planned) improvement Year/Month

Contributing factors

Environmental changes	1: Trees and shrubs, etc., 2: Insects, 3: Mold, 4: Time-related deterioration
Natural disaster	5: Fire, 6: Lightning, 7: Wind and flooding, 8: Landslide, 9: Earthquake, 10: Tsunami, 11: Volcano
Tourism pressures	12: Man-made acts by visitors, etc.
Other	13: Other

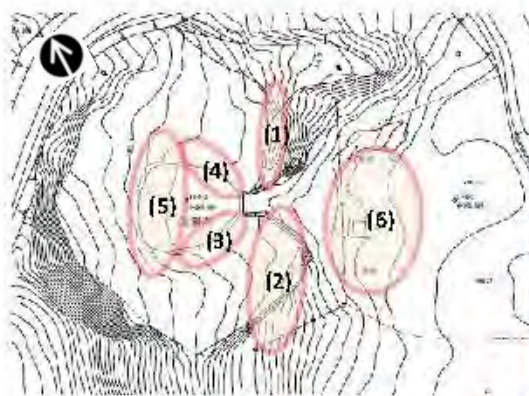




## Individual Chart

Component part	Constituent Element	Last modified
Terayama Charcoal Kiln	Remains of charcoal kiln	February 15, 2017

Surveyed Part		State/Remarks	Points to keep in mind (points to pass along in particular, etc.)
Part 1	Part 2		
Stonework	Front right side	Looseness, bulging, gaps in seams	Looseness, bulging, gaps in seams in stonework; tree growth
	Front left side	Looseness, bulging, gaps in seams	Looseness, bulging, gaps in seams in stonework; tree growth
	Inside entrance right side	Looseness, bulging, gaps in seams	Looseness, bulging, gaps in seams in stonework; tree growth
	Inside entrance left side	Looseness, bulging, gaps in seams	Looseness, bulging, gaps in seams in stonework; tree growth
	Inside back face	Good	Looseness, bulging, gaps in seams in stonework; tree growth
Vestibule	Ground surface	Good	Ground surface condition
[Diagram, photos, etc.]			



Position of surveyed part



### Position of degradation or damage

Part	(1) Front left side		
Date of record	February 15, 2017	Position of damage (location)	Looseness in the stones near the entrance, gaps in the seams, and overall bulging can be seen.
Position diagram/photo			
Special remarks (measures to be taken)	We have been taking measurements since 2015. We will analyze records from multiple years and consider repairs.		
History of repairs, etc.			



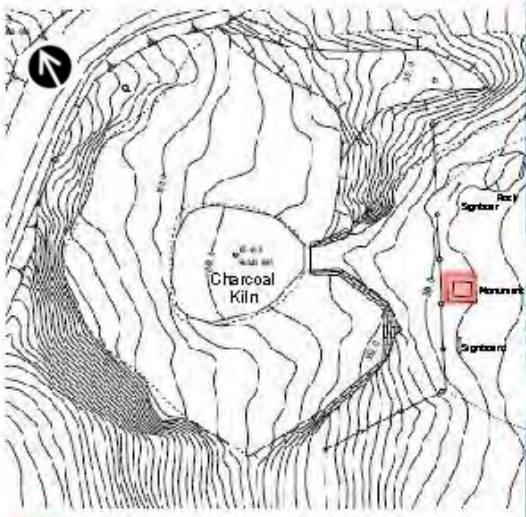
2


Individual Chart

Component part	Constituent Element	Last modified
Terayama Charcoal Kiln	Kiln monument	February 15, 2017


Surveyed Part		State/Remarks	Points to keep in mind (points to pass along in particular, etc.)
Part 1	Part 2		
Stone monument	Front	Good	Weathering of the surface that could render writing illeg
	Right side	Good	Weathering of the surface that could render writing illeg
	Left side	Good	Weathering of the surface that could render writing illeg
	Back	Good	Weathering of the surface that could render writing illeg

[Diagram, photos, etc.]







(1) Front



(2) Right side



(3) Left side






(4) Back

Position of surveyed part

Position of degradation or damage

Part	(1) Front, (2) Right side, (3) Left side
Date of record	February 15, 2017
Position of damage (location)	None in particular

Position diagram/photo	  
Special remarks (measures to be taken)	Currently there is no deterioration or damage, but we will be careful to ensure that there is no weathering of the surface that could render writing illegible.
History of repairs, etc.	



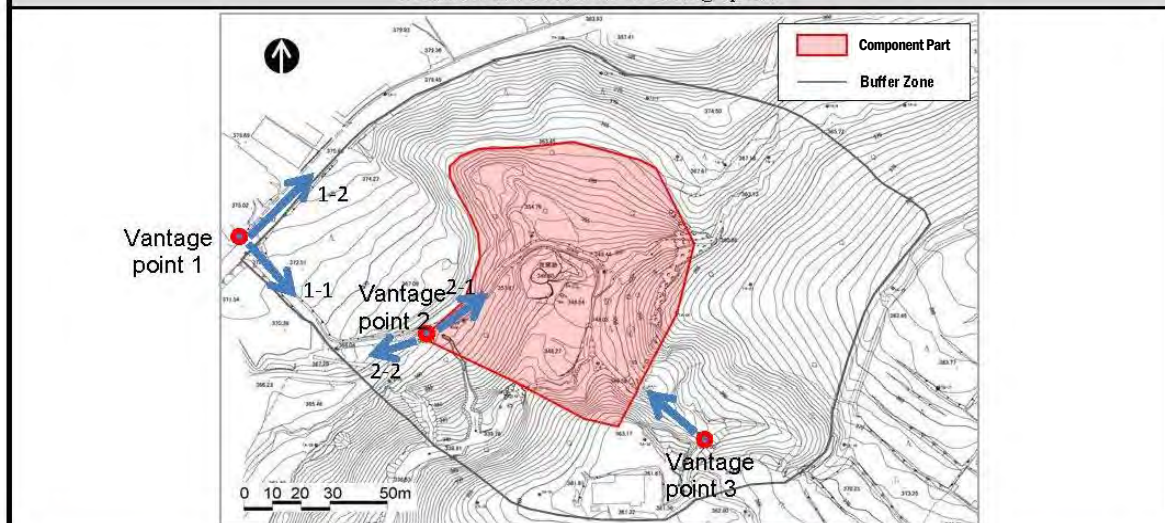
### 3

#### Individual Chart

A2 Kagoshima Area

Component Part	2 Terayama Charcoal Kiln	NO.1		
Constituent Element	3 Scenic view	Vantage point	Vantage points 1-3	Record date
Value to be preserved		February 15, 2017		
Vegetation, topography, and natural environment surrounding the charcoal kiln				

#### Position and overview of vantage point



#### Current status



Photo (Scenic view 1-1)



Photo (Scenic view 1-2)



Photo (Scenic view 2-1)




Photo (Scenic view 2-2)



### Individual Chart

A2 Kagoshima Area

Component Part	2 Terayama Charcoal Kiln	N0.2		
Constituent Element	3 Scenic view	Vantage point	Vantage points 1-3	Record date
Value to be preserved		February 15, 2017		
		Vegetation, topography, and natural environment surrounding the charcoal kiln		

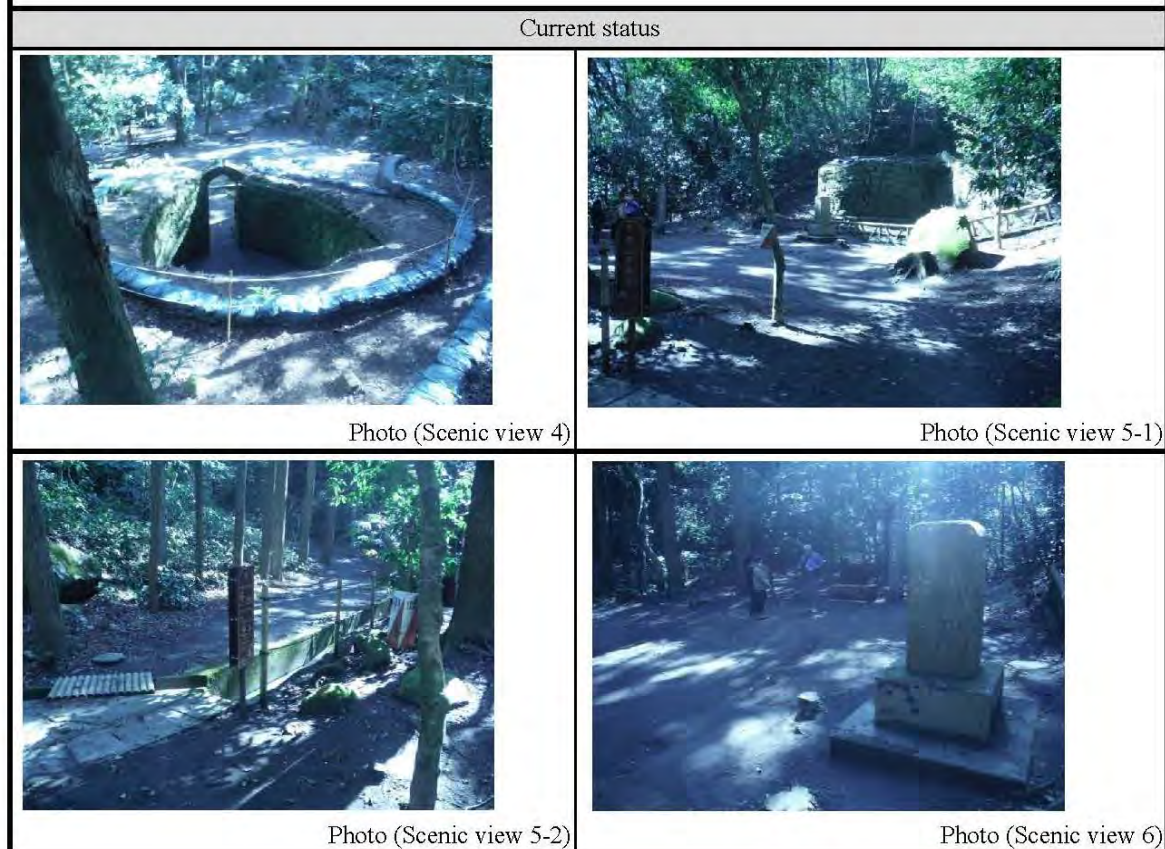
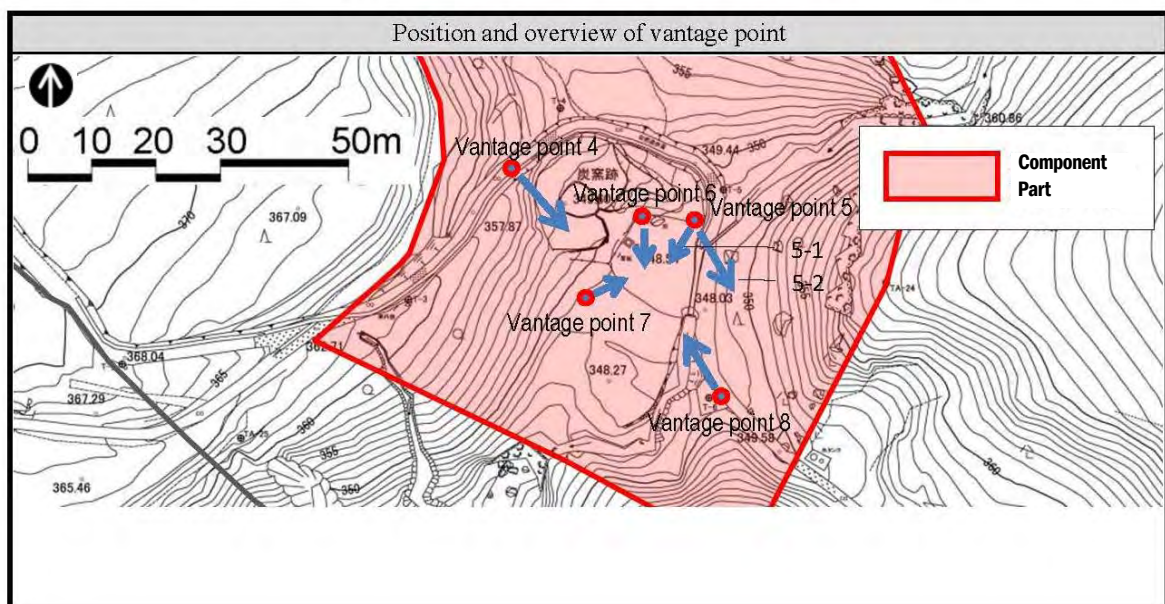
Position and overview of vantage point	
 <p>Photo (Scenic view 3)</p>	
Changes in scenic view	
No notable change.	
Handling of guidance, beautification, etc.	
—	

### 3

## Individual Chart

A2 Kagoshima Area

Component Part	2 Terayama Charcoal Kiln	N0.3		
Constituent Element	3 Scenic view	Vantage point	Vantage points 4-8	Record date
				February 15, 2017
Value to be preserved	Vegetation, topography, and natural environment surrounding the charcoal kiln			







### Individual Record

A2 Kagoshima Area

Component Part	2 Terayama Charcoal Kiln			N0.4		
Constituent Element	3 Scenic view		Vantage point		Vantage points 4-8	Record date
Value to be preserved		Vegetation, topography, and natural environment surrounding the charcoal kiln			2017/2/15	

Position and overview of vantage point	
	
Photo (Scenic view 7)	Photo (Scenic view 8)
Changes in scenic view	
No notable change.	
Handling of guidance, beautification, etc.	
—	



**Relationship between Component Part, Elements, and Parts**  
**(Sekiyoshi Sluice Gate of Yoshino Leat)**

	Component Part	Constituent Element	Part 1	Part 2
▶1	Sekiyoshi Sluice Gate of Yoshino Leat	Remains of sluice gate (Genroku Period 1688-1704)	Intake weir	Remains A Remains B Remains C Remains D Remains E
			Dam	Stone wall F Stone wall G
▶2	Sekiyoshi Sluice Gate of Yoshino Leat	Monument to water god Suiten	Main body	Front Left side Right side
			Foundation	Ground surface
▶3	Sekiyoshi Sluice Gate of Yoshino Leat	Scenic view	Vantage point 1	Scenic view 1-1
			Vantage point 2	Scenic view 2-1 Scenic view 2-2
			Vantage point 3	Scenic view 3-1 Scenic view 3-2 Scenic view 3-3 Scenic view 3-4 Scenic view 3-5
			Vantage point 4	Scenic view 4-1

### General Chart

Component Part	Sekiyoshi Sluice Gate of Yoshino Leat		
Survey date	February 15, 2017 (Wed.)	Weather	Sunny
Surveyor	Mr./Ms. XXXX, Cultural Assets Division, Board of Education, Kagoshima City		

No.	Survey category		Survey findings			Contributing factors (by number)	Special remarks
	Part 1	Part 2	Has indicator	Follow up	Remedial measures (if)		
1	Remains of sluice gate						
(1)	Intake weir	Remains A	✓				
		Remains B	✓				
		Remains C	✓				
		Remains D	✓				
		Remains E	✓				
(2)	Dam	Stone wall F	✓				
		Stone wall G		✓			Some part of lower area of stone
2	Monument to water god Suiten						
(1)	Main body	Front	✓				
		Left side	✓				
		Right side	✓				
	Foundation	Ground surface	✓				
3	Scenic view						
(1)	Vantage point 1	Scenic view 1-1	✓				
(2)	Vantage point 2	Scenic view 2-1	✓				
		Scenic view 2-2	✓				
(3)	Vantage point 3	Scenic view 3-1	✓				
		Scenic view 3-2	✓				
		Scenic view 3-3	✓				
		Scenic view 3-4	✓				
		Scenic view 3-5	✓				
(4)	Vantage point 4	Scenic view 4-1	✓				

#### State of planned improvements, etc.

No.	Details of improvement measures or reason why improvements cannot be implemented	Date of (planned) improvement Year/Month

#### Contributing factors

Environmental changes	1: Trees and shrubs, etc., 2: Insects, 3: Mold, 4: Time-related deterioration
Natural disaster	5: Fire, 6: Lightning, 7: Wind and flooding, 8: Landslide, 9: Earthquake, 10: Tsunami, 11: Volcano
Tourism	12: Man-made acts by visitors, etc.
Other	13: Other

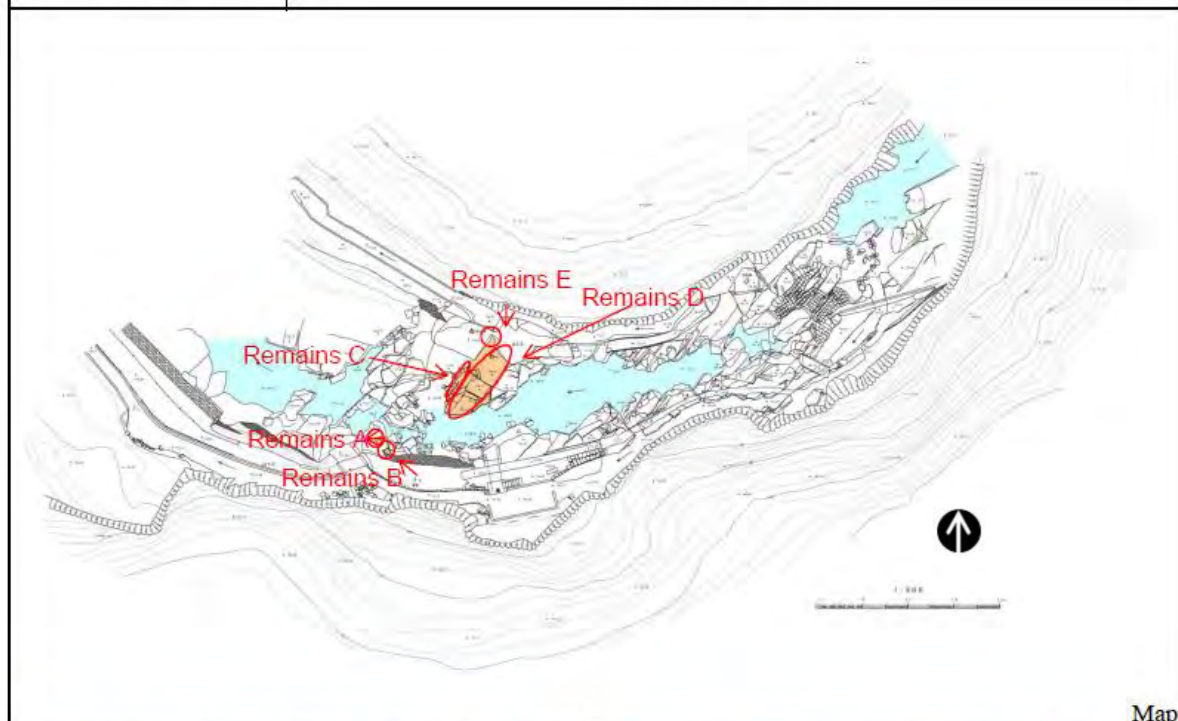
# 1

## Individual Chart

(Component Part: Sekiyoshi Sluice Gate of Yoshino Leat)

Constituent Element	Remains of sluice gate	Part 1	Intake weir	Record date
				February 15, 2017

Part 2	State/Remarks	Points to keep in mind (points to pass along in particular, etc.)
Remains A	Good	Weathering, deterioration, damage, etc.
Remains B	Good	Weathering, deterioration, damage, etc.
Remains C	Good	Weathering, deterioration, damage, etc.
Remains D	Good	Weathering, deterioration, damage, etc.
Remains E	Good	Weathering, deterioration, damage, etc.
History of repairs, etc.	Overview of repairs	



Map

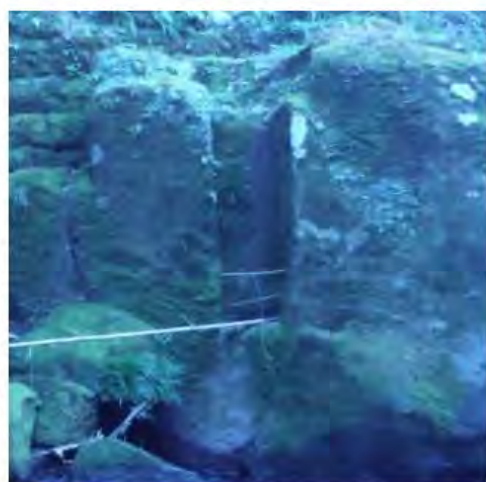


Photo (Remains A)






Photo (Remains B)



Individual Chart

(Component part: Sekiyoshi Sluice Gate of Yoshino Leat) N0.2

Constituent Element	Remains of sluice gate (Genroku Period)	Part 1	Intake weir	Record date
				XX, XX, 2016
				
Photo (Remains C)		Photo (Remains D)		
				
Photo (Remains E)				



### Individual Chart

(Component Part: Sekiyoshi Sluice Gate of Yoshino Leat)

N0.3

Constituent Element	Remains of sluice gate (Genroku Period)	Part 1	Dam	Record date
				February 15, 2017

Part 2	State/Remarks	Points to keep in mind (points to pass along in particular.
Stone wall F	Good	Weathering, deterioration, damage, etc.
Stone wall G	Some part of lower area of stone wall has been scoured out	Weathering, deterioration, damage, etc.
History of repairs, etc.	Overview of repairs	

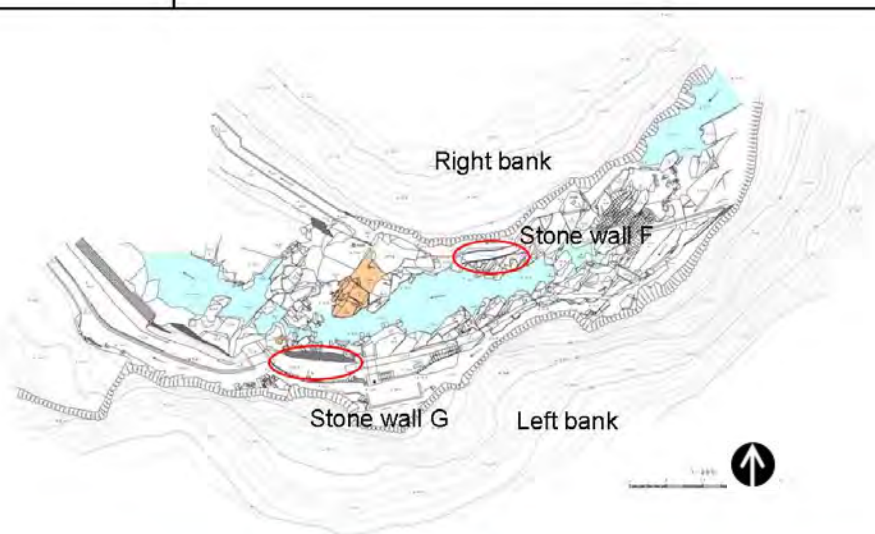


Photo (Stone wall F)



Photo (Stone wall G)

Individual Chart

(Component Part: Sekiyoshi Sluice Gate of Yoshino Leat)				NO.4	
Constituent Element	Remains of sluice gate (Genroku Period)	Part 1	Dam	Record date	
				2017/2/15	



Photo (close-up of lower portion of stone wall G)



## 2

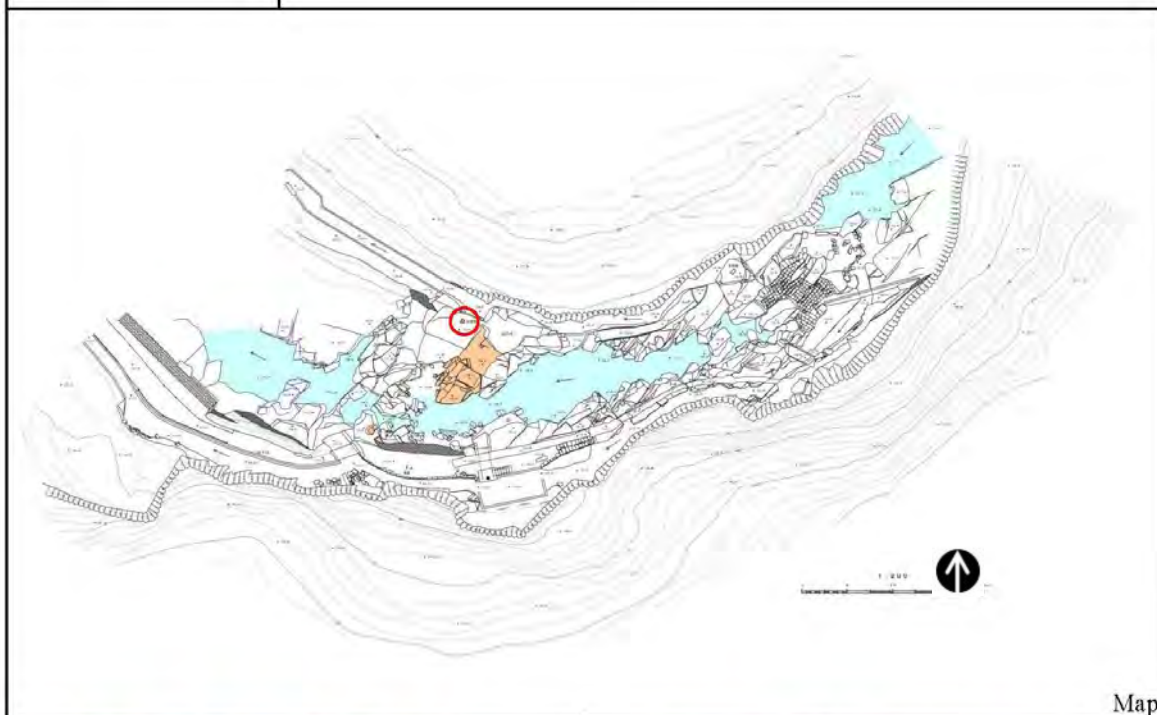
### Individual Chart

(Component Part: Sekiyoshi Sluice Gate of Yoshino Leat)

N0.1

Constituent Element	Monument to water god Suiten	Part 1	Main body	Record date
				February 15, 2017

Part 2	State/Remarks	Points to keep in mind (points to pass along in particular, etc.)
Front	Good	Weathering, deterioration, damage, etc.
Left side	Good	Weathering, deterioration, damage, etc.
Right side	Good	Weathering, deterioration, damage, etc.
History of repairs, etc.	Overview of repairs	



Map



Photo (front)



Photo (left side)

### Individual Chart

(Component Part: Sekiyoshi Sluice Gate of Yoshino Leat)

N0.1

Constituent Element	Monument to water god Suiten	Part 1	Main body	Record date
				February 15, 2017



Photo (right side)

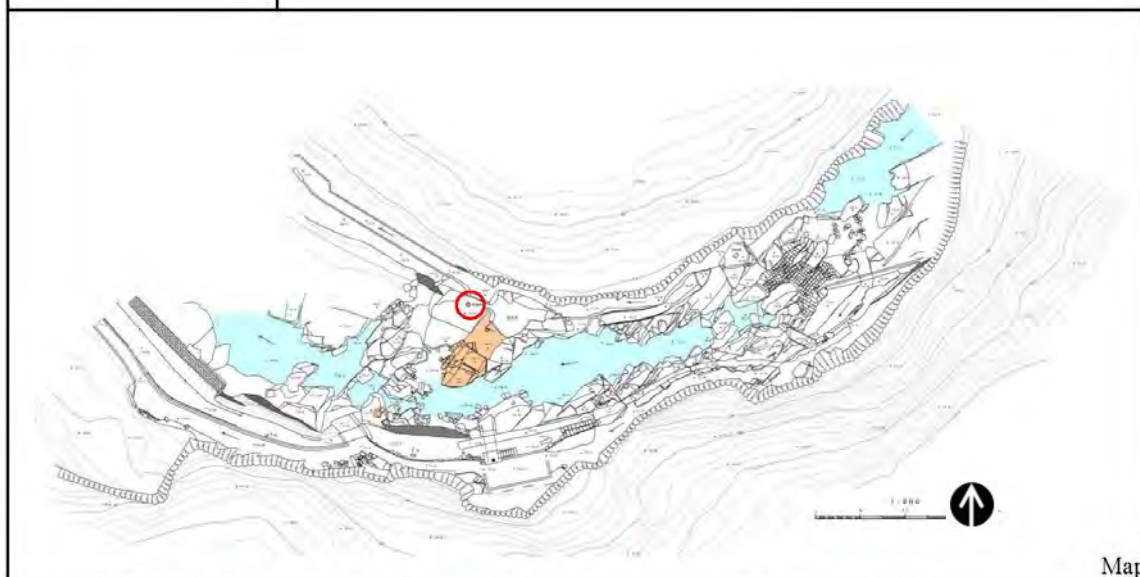
### Individual Chart

(Component Part: Sekiyoshi Sluice Gate of Yoshino Leat)

N0.2

Constituent Element	Monument to water god Suiten	Part 1	Foundation	Record date
				February 15, 2017

Part 2	Status/Remarks	Points to keep in mind (points to pass along in particular, etc.)
Ground surface	Good	Soil erosion etc.
History of repairs, etc.	Overview of repairs	





### 3

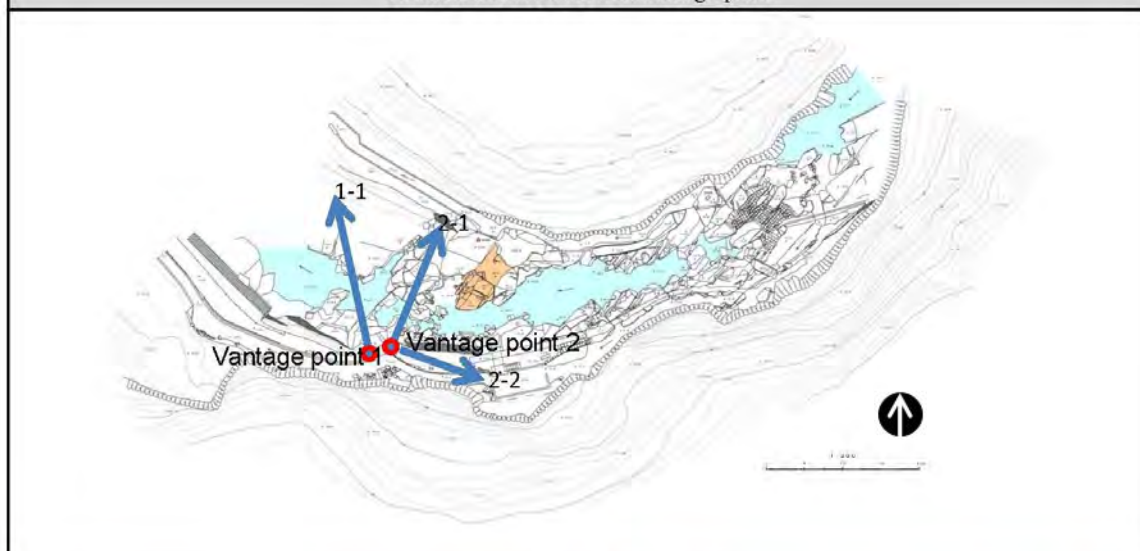
#### Individual Chart

(Component Part: Sekiyoshi Sluice Gate of Yoshino Leat)

N0. 1

Constituent Element	Scenic view	Record date
		February 15, 2017
Value to be preserved		

#### Position and overview of vantage point



#### Current state

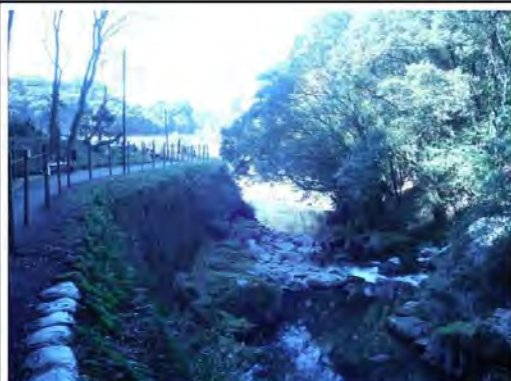


Photo (Scenic view 1-1)

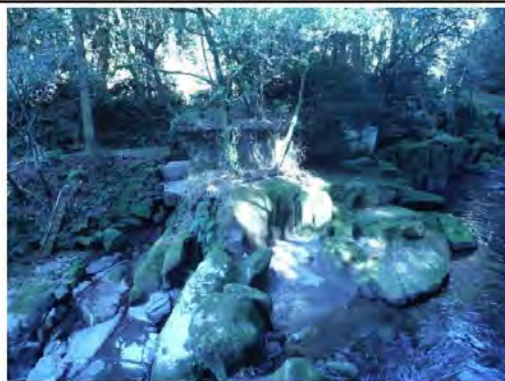


Photo (Scenic view 2-1)



Photo (Scenic view 2-2)

#### Changes in scenic view

No notable change.

#### Handling of guidance, beautification, etc.

### 3

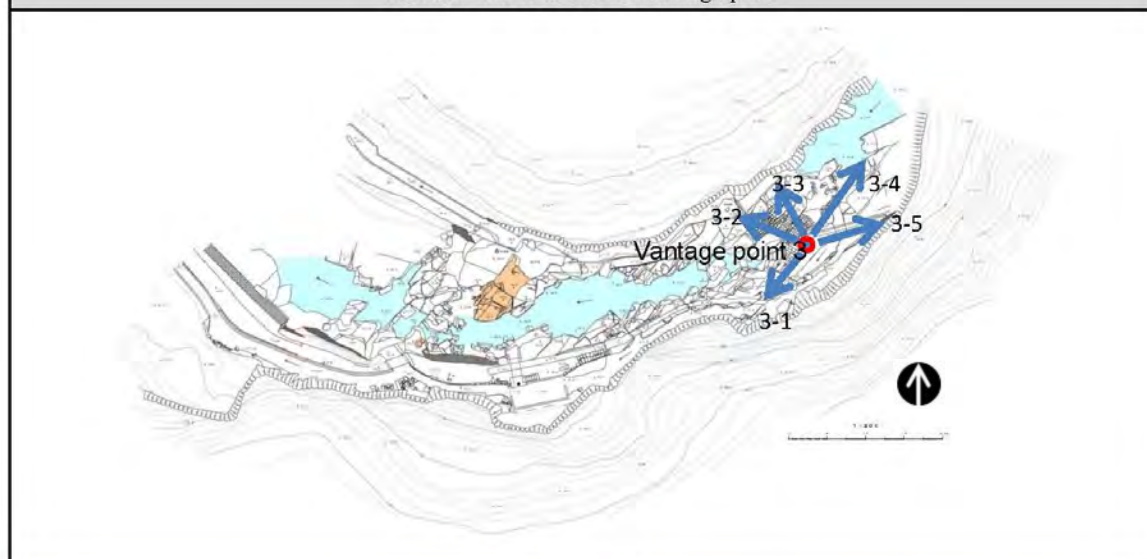
#### Individual Chart

(Component Part: Sekiyoshi Sluice Gate of Yoshino Leat)

N0.2

Constituent Element	Scenic view	Record date
Value to be preserved		February 15, 2017

#### Position and overview of vantage point



#### Current state

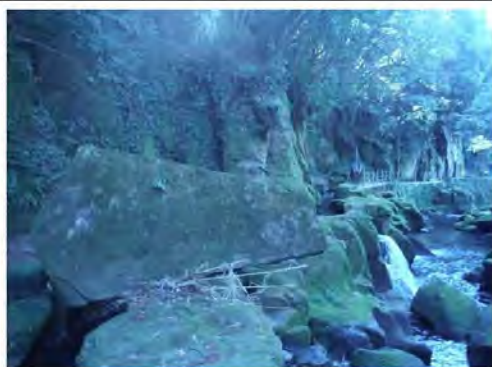


Photo (Scenic view 3-1)

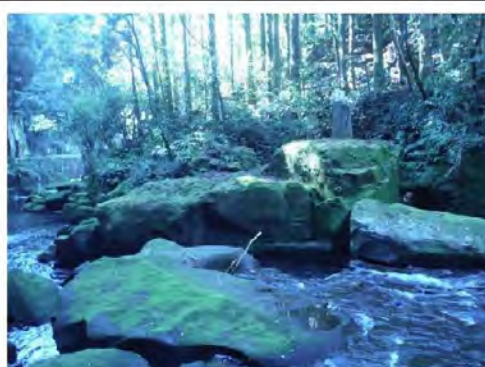


Photo (Scenic view 3-2)

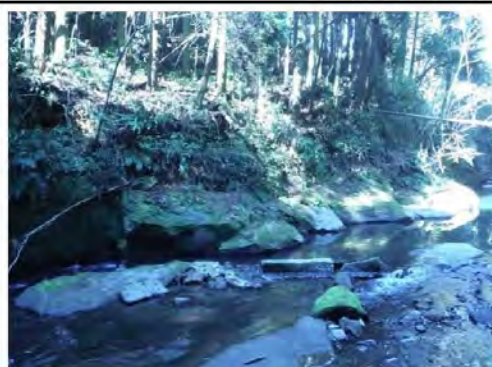


Photo (Scenic view 3-3)



Photo (Scenic view 3-4)



### Individual Chart

(Component part: Sekiyoshi Sluice Gate of Yoshino Leat)

N0.3

Constituent Element	Scenic view	Record date
		February 15, 2017
Value to be preserved		



Photo (Scenic view 3-5)

#### Changes in scenic view

No notable change.

#### Handling of guidance, beautification, etc.

—



### 3

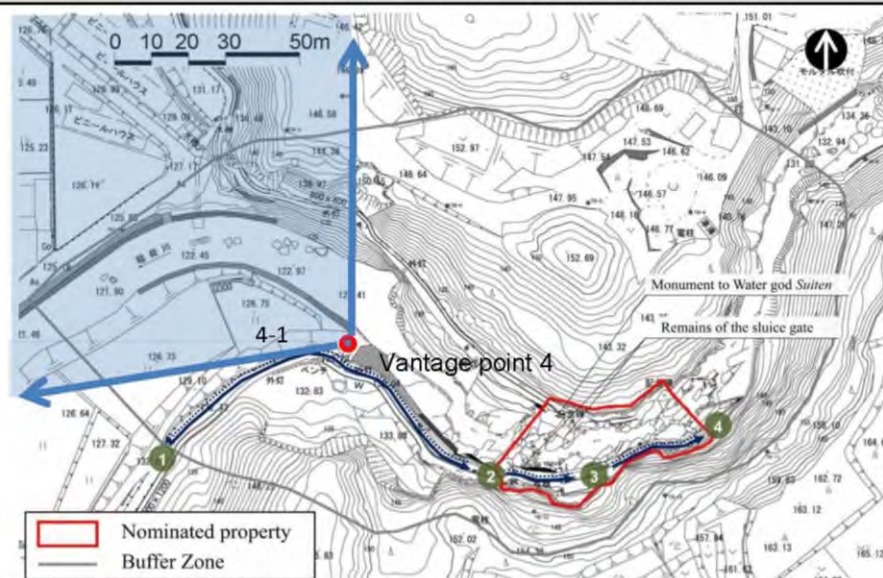
#### Individual Chart

(Component part: Sekiyoshi Sluice Gate of Yoshino Leat)

N0.5

Constituent Element	Scenic view	Record date
		February 15, 2017
Value to be preserved		

#### Position and overview of vantage point



#### Current state



Photo (looking outward from edge of buffer zone)

#### Changes in scenic view

No notable change.

#### Handling of guidance, beautification, etc.

—

ID・Component part

Annual Report

FY 20XX

MM, 20XX

XXXX Conservation Council

Monitors:

Body responsible for monitoring:

oooooo

oooooo

ID・Component part

Table of Contents

1

Basic Information

.....

2

State of Legal Protection (Designations, etc.)

.....

3

Monitoring of Impact on the Component Parts

.....

4

Monitoring of Physical Alterations to Each Constituent Element within the Component Parts

.....

5

Monitoring Related to Implementation of the projects for Conservation, Restoration, Presentation and public Utilization of the Component Parts and Buffer Zones

.....

6

Interpretation

.....

7

Organizations and Others Involved in Conservation and Management of the Component Parts

.....

8

System for Cooperation among Parties Relevant to Conservation and Management

.....

9

Summary (Evaluation)

.....

1 Basic Information

ID・Component part

	Component Part	Buffer Zone
Scope of the component part and buffer zone	(Map)	(Map)
Surface area	ha	ha
Use		

2 State of Legal Protection (Designations, etc.)

ID・Component part

	Component Part	Buffer Zone
Scope of the component part and buffer zone	(Map)	(Map)
State of designation		

In case of being additionally designated, fill in only the date of final designation and write “Additional” on the right of the date.



ID・Component part

3 Monitoring of Impact on the Component Parts

Adverse Impact	Monitoring Indicators	Content & Method for Measuring Indicators	Cycle	Recorded by	FY20XX Results	FY20XX Results	Comments

4 Monitoring of Physical Alterations to Each Constituent Element within the Component Parts

Constituent Element	Monitoring Indicators	Content & Method for Measuring Indicators	Cycle	Recorded by	FY20XX Results	FY20XX Results	Comments

ID・Component part

5 Monitoring Related to Implementation of Conservation, Restoration, Presentation and Public Utilization Projects for the Component Parts and Buffer Zones

(Primarily related to conservation and restoration)

[Area of Component Part]

Project Name	Project Overview	Implementing Body	Initial Year	2016 Expenditures	Subsidies, etc.

[Buffer Zone]

Project Name	Project Overview	Implementing Body	Initial Year	2016 Expenditures	Grants, etc.

(Mainly related to presentation and public utilization)

[Area of the component part]

Project Name	Project Overview	Implementing Body	Initial Year	2016 Expenditures	Grants, etc.

[Buffer Zone]

Project Name	Project Overview	Implementing Body	Initial Year	2016 Expenditures	Grants, etc.

ID・Component part

6 Interpretation

(Publications)

Name	Organization Responsible for Production (Revision)	Format/pages	No. Released	Language	Overview	Grants, etc.
Comments						

(Website)

Name	Overview	URL	Updates	No. of hits
Comments				

(Symposia, lectures, etc.)

Name	Date	Implementing Body	No. of Participants	Overview
Comments				

ID・Component part

(Educational initiatives)

Name	Date	Implementing Body	No. of Participants	Overview
Comments				

(Material: for educational activities)

Name	Organization Responsible for Production (Revision)	Format/pages	No. Released	Overview	Grants, etc.
Comments					

ID・Component part

(Capacity-building)

Name	Date	Implementing Body	No. of Participants	Target Audience	Overview
Comments:					

(Activities involving the local community)

Name	Date	Implementing Body	No. of Participants	Overview of participants, organization, activities
Comments:				

ID・Component part

**7 Organizations and Others Involved in Conservation of the Component Parts**

(Overview of managing entities, etc.)

Name	Owner/Administrator	Number of workers/employees	Overview of organization

(Overview of NPOs, Volunteer Groups, and other organizations related to the component part)

Name	Type of organization	Number of workers/employees	Overview of organization



8 System for Cooperation among Parties Relevant to Management and Conservation

ID・Component part

(State of meetings of local conservation councils)

Division	Proceedings and Reports	Notes
(1st Council Meeting) MM, 20XX		
(2nd Council Meeting) MM, 20XX		

9 Summary (Review)



ID・Component part



2 Shuseikan



1 Basic Information

(1) 2-1 Shuseikan

	Component Part	Buffer Zone
Scope of the component part and buffer zone	(Map) 	(Map) 
Surface area	9.98ha	61.09ha
Use	Garden designated as a National Place of Scenic Beauty, National Historic Site, national/municipal roads, locally designated river, museum, historical archive, commercial facility, privately owned dwelling, woodlands	Garden designated as a National Place of Scenic Beauty, National Historic Site, woodlands, national/municipal roads, locally designated river, privately owned dwelling, beach, coast, commercial facility

2 Shuseikan


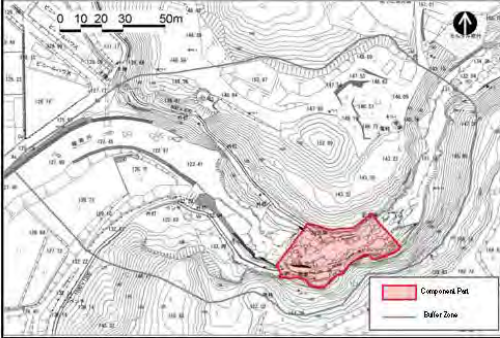
(2) 2-2 Terayama Charcoal Kiln

	Component Part	Buffer Zone
Scope of the component part and buffer zone	(Map) 	(Map) 
Surface area	0.64ha	2.01ha
Use	National Historic Site (remains of charcoal kiln), woodlands, nature trail	National Historic Site, woodlands, nature trail
Comments	There has been no change from the previous fiscal year in terms of the surface area and use of each component part and its buffer zone.	



2 Shuseikan



(3) 2-3 Sekiyoshi Sluice Gate of Yoshino Leat

	Component Part	Buffer Zone
Scope of component part and buffer zone	(Map) 	(Map) 
Surface area	0.11ha	1.93ha
Use	River, waterway (leat), agricultural road	River, waterway (leat), agricultural road, farmland, woodlands, quarry

2 Shuseikan

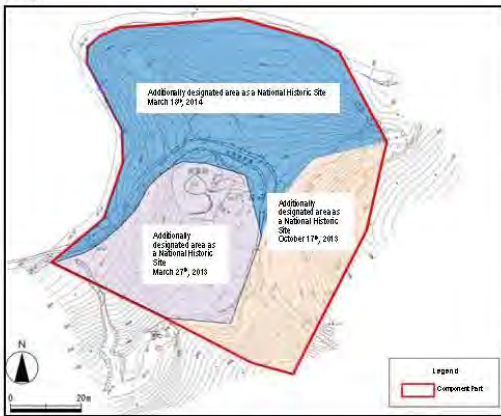

2 State of Legal Protection (Designations, etc.)

(1) 2-1 Shuseikan

	Component Part	Buffer Zone
Scope of the component part and buffer zone	(Map) 	(Map) 
State of designations	Law for the Protection of Cultural Properties Additional Designation of National Historic Site, Former Shuseikan including Terayama Charcoal Kiln, Sekiyoshi Sluice Gate of Yoshino Leat (March 18 <sup>th</sup> , 2014) Additional Designation of National Historic Site, Kagoshima Spinning Mill (March 10 <sup>th</sup> , 2015) Additional Designation of Place of Scenic Beauty, Sengan-en including Kekura Okariya Garden (October 17 <sup>th</sup> , 2013)	Class II Special Zone & Ordinary Zone of Kirishima-Kinkowan National Park (Natural Parks Act) Important Landscape Formation Area (Landscape Act/Kagoshima City Landscape Ordinance, Kagoshima City Landscape Plan) (enacted April 1 <sup>st</sup> , 2014) Scenic Area (City Planning Act), Place of Scenic Beauty (Law for the Protection of Cultural Properties)

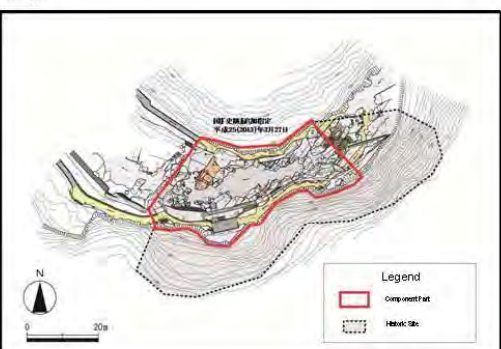

2 Shuseikan

(2) 2-2 Terayama Charcoal Kiln

	Component Part	Buffer Zone
Scope of the component part and buffer zone	(Map) 	(Map) 
State of designations	Law for the Protection of Cultural Properties Additional Designation of National Historic Site, Former Shuseikan including Terayama Charcoal Kiln, Sekiyoshi Sluice Gate of Yoshino Leat (March 18 <sup>th</sup> , 2014)	Class II Special Zone of Kirishima-Kinkowan National Park (Natural Park Act), Scenic Area (City Planning Act) Landscape Planning Area (Landscape Act/Kagoshima City Landscape Ordinance, Kagoshima City Landscape Plan)

2 Shuseikan

(3) 2-3 Sekiyoshi Sluice Gate of Yoshino Leat

	Component Part	Buffer Zone
Scope of the component part and buffer zone	(Map) 	(Map) 
State of designations	Law for the Protection of Cultural Properties Additional Designation of National Historic Site, Former Shuseikan including Terayama Charcoal Kiln, Sekiyoshi Sluice Gate of Yoshino Leat (March 27 <sup>th</sup> , 2013)	River Zone (River Act), Regulated Area for Housing Land Development (Act on the Regulation of Housing Land Development), Landscape Planning Area (Landscape Act/Kagoshima City Landscape Ordinance, Kagoshima City Landscape Plan), Urbanization Control Area (City Planning Act)
Comments	There have been no changes from the previous year to the state of the designations of National Historic Sites and Places of Scenic Beauty in each component part and buffer zone nor to the laws and regulations related thereto, and we are making every effort to preserve the sites.	



2 Shuseikan

3 Monitoring of Impact on the Component Parts

Adverse Impact	Monitoring Indicators	Content & Method for Measuring Indicators	Cycle	Recorded by	FY2016 Results	FY2015 Results	Comments
Natural disaster	Volcanic activity	Number of explosive eruptions (see note 1)	Monthly	Japan Meteorological Agency	2x/month	36x/month	Decreased significantly compared to previous year. (No eruptions since August)
	Earthquakes	Observation of precursory phenomena	As needed	Japan Meteorological Agency	4x	2x	With the Kumamoto Earthquake, 1 level 4 quake and 3 level 3 quakes were observed. No problems were encountered with the patrols made immediately after the earthquake or in the subsequent monitoring of events.
	Landslides	Survey of landslide damage, collapsed land	As needed	Kagoshima City Kagoshima Prefecture (River)	1x	2x	Due to the heavy rains in May, a portion of the left bank of the Kikura River crumbled. Because the edge of the left bank area was unstable, the City carried out emergency repairs (retention repairs and riverbed girdle).
	Wind & flood damage	Number of damaged cultural properties	As needed	Kagoshima City Board of Education	0	0	There was no damage from Typhoon 16, etc. The impact of inflows of earth and sand, etc. into the sluice gate (Shuseikan side) should be closely observed.
	Fire	Number of fires	Annually	Kagoshima City	0	0	No instances of fires.
		Number of inspections of fire prevention equipment	Annually	Kagoshima City Board of Education, Shimadzu Limited	2x	1x	No problems.
		Number of firefighting and disaster prevention drills	Annually	Kagoshima City Board of Education, Shimadzu Limited	1x	1x	A cultural property fire prevention day is held monthly, with fire-fighting training and evacuation drills.

[Note 1: Number of explosive eruptions at Sakurajima]

	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	Total	Monthly Avg.
FY2015	112	169	64	14	5	46	0	0	0	0	22	5	437	36.4
FY2016	15	2	1	2	0	0	0	0	0	0	0	0	20	1.7

2 Shuseikan

Adverse Impact	Monitoring Indicators	Content & Method for Measuring Indicators	Cycle	Recorded by	FY2016 Results	FY2015 Results	Comments
Tourist pressure	Impact on buildings by the increased number of visitors	Number of visitors (see note 2)	Monthly	Shimadzu Limited, Kagoshima City	Sengan-en: 34,932 people/mo. Terayama Charcoal Kiln: 406 people/mo. Sekiyoshi Sluice Gate of Yoshino Leat: 641 people/mo.	Sengan-en: 40,435 people/mo. Terayama Charcoal Kiln: 858 people/mo. Sekiyoshi Sluice Gate of Yoshino Leat: 1,160 people/mo.	Since World Heritage inscription, there has been no visible impact on the component part. We will continue to track the trends in visitors and will develop countermeasures if needed.
	Number of cars using visitor parking lot	Track the number of cars using parking lot for visitors.	Monthly	Shimadzu Limited, Kagoshima City	Sengan-en: 3,085 vehicles/mo. (incl. 704 buses) Sekiyoshi Sluice Gate of Yoshino Leat: 222 vehicles/mo. (incl. 5 buses)	Sengan-en: 5,531 vehicles/mo. (incl. 710 buses) Sekiyoshi Sluice Gate of Yoshino Leat: 434 vehicles/mo. (incl. 7 buses)	No visible impact on the properties. We will continue to track the number of vehicles using the parking lot and will develop countermeasures if needed.
Development plans	Within component part	Existence of plans	Annually	Kagoshima City	0	0	No foreseeable plans.
	Within buffer zone	Existence of plans	Annually	Kagoshima City	1 case	1 case	On December 22nd, 2013, a city planning decision was reached on the route for the National Road 10 North Bypass that took into consideration the scope of the component part and buffer zone, and surrounding scenic views.



Appendix e)-4 Examples of Annual Report FY 2016 for Shuseikan (Area 2 Kagoshima/Component Part 2-1),  
the Terayama Charcoal Kiln (Area 2 Kagoshima/Component Part 2-2),  
and the Sekiyoshi Sluice Gate of Yoshino Leat (Area2 Kagoshima/Component Part 2-3)

2 Shuseikan

[Note 2: Number of visitors]

Former Kagoshima Foreign Engineers' Residence (Ijin-kan)

(unit: people)

	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	Total	Monthly Avg.
FY2015	699	1,254	987	1,379	2,151	2,644	2,251	3,183	2,464	1,500	1,589	1,893	21,996	1,833
FY2016	1,050	1,281	624	1,009	1,768	1,391	1,296	1,348	1,393	790	937	1,099	13,986	1,166

Former Shuseikan Machinery Factory

(unit: people)

	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	Total	Monthly Avg.
FY2015	26,064	41,055	22,373	22,506	27,436	29,169	34,046	38,460	27,635	21,192	24,885	33,045	347,866	28,989
FY2016	18,940	21,043	12,994	17,572	25,879	32,435	28,903	33,717	25,179	14,814	20,980	31,072	283,548	23,629

Sengan-en

(unit: people)

	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	Total	Monthly Avg.
FY2015	36,814	56,245	28,119	32,076	37,594	40,035	47,269	57,915	36,131	29,989	35,641	47,386	485,214	40,435
FY2016	28,576	29,533	18,158	25,154	38,281	43,539	39,228	54,725	36,326	25,227	32,244	48,194	419,185	34,932

Terayama Charcoal Kiln

(unit: people)

	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	Total	Monthly Avg.
FY2015	—	—	—	617	1,136	1,184	1,142	818	—	—	—	251	5,148	858
FY2016	275	531	164	466	650	311	293	548	—	—	—	420	3,658	406

※Counts were taken by volunteer guides on weekends and holidays (FY2016: February 2<sup>nd</sup>-November 27<sup>th</sup>, March 4<sup>th</sup>-)

Sekiyoshi Sluice Gate of Yoshino Leat

(unit: people)

	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	Total	Monthly Avg.
FY2015	—	—	—	890	1,470	1,492	1,324	1,339	—	—	—	440	6,955	1,159
FY2016	541	838	579	636	1,137	519	526	677	—	—	—	312	5,765	641

※Counts were taken by volunteer guides on weekends and holidays (FY2016: 4/2-11/27, 3/4-)

2 Shuseikan

4 Monitoring of Physical Alterations to Each Constituent Element within the Component Parts

Constituent Element	Monitoring Indicators	Content & Method for Measuring Indicators	Cycle	Recorded by	FY2016 Results	FY2015 Results	Comments
Important Cultural Property of Former Kagoshima Foreign Engineers' Residence	Condition of wooden structures	Check for deterioration of or damage to structures due to natural disasters, weathering, etc.	Annually	Kagoshima City Board of Education	Requires repairs: 6 places Follow-up: 18 places	9 places	Because damage was detected in the gutters (6 places), those will need to be repaired in sequence. Cracks in the foundation stone and damage to window panes, etc., will be monitored for changes over time and we will consider how to handle repairs as needed.
Important Cultural Property of Former Shuseikan Machinery Factory	Condition of stone structures	Check for deterioration of or damage to structures due to natural disasters, weathering, etc.	Annually	Shimadzu Limited	Follow-up: 6 places	1 place	Deterioration to the gutters, window frames, doors, stonework on exterior walls, etc., will be monitored for changes over time and we will consider how to handle repairs as needed.
Historic Site of Shuseikan	State of the ground surface in parts where remains exist	Check for changing conditions, etc., of the ground surface	Annually	Shimadzu Limited	Follow-up: 1 place	—	In terms of places where there are underground remains, no substantial changes were seen, but because weeds are growing at the foundry remains where there is exposure displayed, it requires clearing.
	Incidences of damaged stonework on reformatory furnace	In terms of incidences of damaged stonework, check for damage due to natural disasters, weathering, etc.	Annually	Shimadzu Limited	Follow-up: 1 place	1 place	There is a place where the surface of the stone is chipping. We will observe the changes over time.
	Incidences of damaged stonework on the lead (Shuseikan side)	In terms of incidences of damaged stonework and impact from trees and shrubs, check for damage due to natural disasters, weathering, etc.	Annually	Shimadzu Limited	Requires repairs: 2 places Follow-up: 2 places	0 places	In terms of trees and shrubs growing inside the stonework, trimming and other measures must be implemented before that stonework is damaged. With regard to bulging stonework, we will monitor the changes over time.
Historic Site of Kagoshima Spinning Mill	State of ground surface in parts where remains exist	Check for changing conditions, etc., of the ground surface	Annually	Shimadzu Limited, Kagoshima City Board of Education	Nothing initial	—	In terms of places where there are underground remains, no substantial changes were seen, but because national road, commercial facilities, etc., are located there, we will continue to monitor the changes over time.

Appendix e)-4 Examples of Annual Report FY 2016 for Shuseikan (Area 2 Kagoshima/Component Part 2-1),  
the Terayama Charcoal Kiln (Area 2 Kagoshima/Component Part 2-2),  
and the Sekiyoshi Sluice Gate of Yoshino Leat (Area2 Kagoshima/Component Part 2-3)

2 Shuseikan							
Constituent Element	Monitoring Indicators	Content & Method for Measuring Indicators	Cycle	Recorded by	FY2016 Results	FY2015 Results	Comments
Place of Scenic Beauty Sengan-en	State of deterioration, damage, etc. to structures	Check for deterioration of or damage to structures due to natural disasters, weathering, etc.	Annually	Shimadzu Limited	Requires repairs: 3 places (warehouse) Follow-up: 5 places (Bogakuro, main gate, storage house)	Completed repairs to tiles on the roof of the residence	In the warehouse, peeling of the plaster wall and deterioration of the foundation stone, etc., were visible, and we are deliberating on how to address this based on expert opinions. In terms of Bogakuro, the main gate, and the storage house, we will monitor for changes over time and will consider how to handle repairs as needed.
	Vegetation survey of plants, shrubs, etc.	Visually check growth of trees and shrubs	Annually	Shimadzu Limited	Follow-up: 2 places	Decay of Yakushima white pine	By and large, it is being well managed. In terms of the Yakushima white pine, in FY2015, after consulting a tree doctor, pruning was carried out on the upper trunk and the thicker branches in order to lower the tree height, and we are continuing to monitor its condition.
	Incidences of damaged stonework on fences, stone walls, etc. (including site of ascending kiln remains)	In terms of incidences of damaged stonework, check for damage due to natural disasters, weathering, etc.	Annually	Shimadzu Limited	Requires repairs: 5 places Follow-up: 19 places	0 places	The ascending kiln remains are in good condition. In particular, there was weathering observed on the stone fence around the edge, and we will consider how to address that based on expert opinions.
	Other changes to stonework in other stone structures (including crane lantern)	Visually check state of weathering of stone	Annually	Shimadzu Limited	Requires repairs: 1 place Follow-up: 6 places	Nothing unusual	The crane lantern is in good condition. Because weathering was observed on some of the stone lanterns, etc., we will consider how to address repairs to structures that require repairs based on expert opinions. For others, we will continue to monitor for changes over time.
	State of other elements that comprise the garden	Check on the state of other elements that comprise the garden	Annually	Shimadzu Limited	Follow-up: 6 places	—	Some deterioration was observed in parts of the board fence, and those sections will be repaired or replaced as appropriate.
Scenic View (Shuseikan)	Confirm view from vantage points	Confirm the state of the view from vantage points	Annually	Kagoshima City Board of Education	Nothing unusual	—	There were no changes to the view.

2 Shuseikan							
Constituent Element	Monitoring Indicators	Content & Method for Measuring Indicators	Cycle	Recorded by	FY2016 Results	FY2015 Results	Comments
Charcoal Kiln	Slippage in stonework	In terms of incidences of damaged stonework, check for damage due to natural disasters, weathering, etc.	Annually	Kagoshima City Board of Education	Follow-up: 4 places	0 places	Although no damage was observed, there were signs of looseness and bulging in the stonework, and so we will continue the fixed point (dynamic) observations that we have been conducting since FY2015 to monitor the condition of the stonework.
	Vegetation survey of plants, shrubs, etc.	Visually check growth of trees and shrubs	Annually	Kagoshima City Board of Education	Nothing unusual	Nothing unusual	Although there was no indication of tree and shrub growth that would have an impact on the component part, we will continue to monitor this and prune as needed.
Kiln Monument	Weathering of stone structures	Visually check the state of weathering of stone	Annually	Kagoshima City Board of Education	Nothing unusual	Nothing unusual	The integrity was preserved.
Scenic View (Terayama)	Confirm view from vantage points	Confirm the state of the view from vantage points	Annually	Kagoshima City Board of Education	Nothing unusual	—	There were no changes to the view.
Remains of the Sluice Gate	State of the stonework in the relics	In terms of incidences of damaged stonework, check for damage due to natural disasters, weathering, etc.	Annually	Kagoshima Prefecture, Kagoshima City	Follow-up: 1 place	0 places	There is a partial loss of stones in the stonework due to corrosion in the lower portion of the wall along the bank, so we will monitor for changes over time and will consider how to respond as needed.
Monument to Water God Suite	Vegetation survey of plants, shrubs, etc.	Visually check growth of trees and shrubs	Annually	Kagoshima City Board of Education	Nothing unusual	Nothing unusual	Although there was no indication of tree and shrub growth that would have an impact on the component part, we will monitor the vegetation on the surrounding slopes and prune as needed.
	Weathering of stone structures	Visually check the state of weathering of stone	Annually	Kagoshima City Board of Education	Nothing unusual	Nothing unusual	The integrity was preserved.
Scenic View (Sekiyoshi)	Confirm view from vantage points	Confirm the state of the view from vantage points	Annually	Kagoshima City Board of Education	Nothing unusual	—	There were no changes to the view.

2 Shuseikan

**5 Monitoring Related to Implementation of Conservation, Restoration, Presentation and Public Utilization Projects for the Component Parts and Buffer Zones**  
(Primarily related to conservation and restoration)

[Area of Component Part]

Project Name	Project Overview	Implementing Body	Initial Year	2016 Expenditures	Subsidies, etc.
Fixed-point observation, etc., of Terayama Charcoal Kiln	Carry out dynamic (fixed-point) survey of the stonework in the main body of the charcoal kiln, and analyze the state of preservation of the stonework.	Kagoshima City	FY2015	¥486,000	Subsidies by the Government of Japan 1/2
Repair work to the right bank of the Kikura River	Repairs were done to the right bank of the river due to the heavy rainfall in May.	Shimadzu Limited	FY2016	¥467,800	N/A
Repair work on leaks in the building of residence	Tile repairs were done on the roof of the residence due to leaks.	Shimadzu Limited	FY2016	¥6,480,000	N/A

[Buffer Zone]

Project Name	Project Overview	Implementing Body	Initial Year	2016 Expenditures	Grants, etc.
Emergency preventive afforestation work	In order to prevent falling boulders, etc., on the hills to the rear, rockfall prevention work, etc., was carried out.	Kagoshima Prefecture	FY2016	¥50,000,000	Gov't subsidy 5/5/10
Repair work to the left bank of the Kikura River	Repairs were done to the left bank of the river and remedial work was done on the river bed (river bed grade) due to the heavy rainfall in May.	Kagoshima City	FY2016	¥1,185,000	N/A

(Mainly related to presentation and public utilization)

[Area of the component part]

Project Name	Project Overview	Implementing Body	Initial Year	2016 Expenditures	Grants, etc.
Interior and exterior repairs to entrance building	Repair work was done on the interior and exterior of the Sengan-en entrance building.	Shimadzu Limited	FY2016	¥33,700,000 (not incl. tax)	N/A
Iso Kohn-kan repairs	In order to introduce restaurant service, primarily parking lot maintenance, arrangement to the surrounding area of the buildings, etc., were conducted.	Shimadzu Limited	FY2016	¥15,100,000 (not incl. tax)	N/A

2 Shuseikan

Project Name	Project Overview	Implementing Body	Initial Year	2016 Expenditures	Grants, etc.
Operation and maintenance of Terayama nature trail	Surface improvements were made to the Terayama nature trail (repairs to spots where rain caused sediment runoff).	Kagoshima City	FY2016	¥183,600	N/A
Terayama nature trail safety fence installation	A safety fence (rope fence) was installed along the nature trail near the Terayama Charcoal Kiln to prevent falls.	Kagoshima City	FY2016	¥493,560	N/A

[Buffer Zone]

Project Name	Project Overview	Implementing Body	Initial Year	2016 Expenditures	Grants, etc.
Terayama nature trail safety fence installation(see above)	A safety fence (rope fence) was installed along the nature trail near the Terayama Charcoal Kiln to prevent falls.	Kagoshima City	FY2016	¥493,560	N/A
Repair work to agricultural road	Repair work was done on the gravel pavement along the Terayama nature trail.	Kagoshima City	FY2016	¥300,000	N/A



Appendix e)-4 Examples of Annual Report FY 2016 for Shuseikan (Area 2 Kagoshima/Component Part 2-1),  
the Terayama Charcoal Kiln (Area 2 Kagoshima/Component Part 2-2),  
and the Sekiyoshi Sluice Gate of Yoshino Leat (Area2 Kagoshima/Component Part 2-3)

6 Interpretation  
(Publications)

2 Shuseikan

Name	Organization Responsible for Production (Revision)	Format/pages	No. Released	Language	Overview	Grants, etc.
Promotional DVD, "Sites of Japan's Meiji Industrial Revolution"	World Heritage Council for Sites of Japan's Meiji Industrial Revolution	Produced in each of the 9 Areas of the property, about 10 minutes	36	Japanese	DVD to provide information on Japan's Meiji Industrial Revolution based on the app (to target children and seniors who do not use smartphones)	Yes
PR pamphlet	World Heritage Council for Sites of Japan's Meiji Industrial Revolution	A4, 24 pages (color)	200,000	Japanese	Created for the general public to improve understanding of the World Heritage value, etc., distributed to all local governments and elsewhere	Yes
Smartphone application	World Heritage Council for Sites of Japan's Meiji Industrial Revolution	AndroidOS, iOS	1	Japanese, English, Chinese (traditional/simplified), Korean	To expand the number of visitors by improving understanding of the World Heritage value, etc., and to promote tours among the areas	Yes
Content for promotional DVD (English version), "Sites of Japan's Meiji Industrial Revolution"	World Heritage Council for Sites of Japan's Meiji Industrial Revolution	Approx. 20 minutes	1	English	DVD content to introduce the value and story of the World Heritage property to foreigners	Yes
Flyer for children about the property	Kagoshima Prefecture	A4/1 page	15,000	Japanese	Creation of a flyer for elementary school students to help them understand the component parts of the "Sites of Japan's Meiji Industrial Revolution" that exist within the prefecture	N/A
Publicity poster for component parts in Kagoshima Prefecture	Kagoshima Prefecture	B1	100	Japanese	Creation of a poster and distribution of poster to airports and other public facilities	N/A
"Shuseikan" leaflet	Partnership Council for Modern Industrial Heritage Sites in Kagoshima	A4 tri-fold, equivalent of 8 pages	50,000	Japanese	Updated with addition of UNESCO World Heritage logo	N/A

Name	Organization Responsible for Production (Revision)	Format/pages	No. Released	Language	Overview	Grants, etc.
PR commemorative goods to celebrate 1st anniversary of inscription (web issue)	Partnership Council for Modern Industrial Heritage Sites in Kagoshima	W145xH84	3,000	Japanese	Newly created	N/A
PR commemorative goods to celebrate 1st anniversary of inscription (fan)	Partnership Council for Modern Industrial Heritage Sites in Kagoshima	Regular size, color on both sides	2,000	Japanese	Newly created	N/A
"Shuseikan" walking map	Partnership Council for Modern Industrial Heritage Sites in Kagoshima	4/6 /folded	40,000	Japanese	Updated with addition of UNESCO World Heritage logo	N/A
"Shuseikan" guide book	Partnership Council for Modern Industrial Heritage Sites in Kagoshima	A6/24 pages	20,000	Japanese	Updated with addition of UNESCO World Heritage logo	N/A
Small flags in support of Kagoshima Marathon	Partnership Council for Modern Industrial Heritage Sites in Kagoshima	W257xH210	1,000	Japanese	As part of World Heritage PR, created small flags for cheering on runners at the Kagoshima Marathon	N/A
"Sites of Japan's Meiji Industrial Revolution" flag	Partnership Council for Modern Industrial Heritage Sites in Kagoshima	W550xH300	40	Japanese	World Heritage flags displayed by street associations	N/A
PR sign to commemorate 1st anniversary of inscription	Partnership Council for Modern Industrial Heritage Sites in Kagoshima	W940xH1200	1	Japanese	Displayed in the front hallway of the main office of city hall	N/A
Bus wrapping ad for World Heritage	Kagoshima City	Airport shuttle bus	1 bus	—	Ad on the body of the bus that connects the center of the city with the Kagoshima Airport	N/A
Road guide sign with common design	Kagoshima Prefecture, Kagoshima City	Prefectural and municipal roads	24	Japanese, English	Created road guide signs featuring the industrial heritage sites logo that were shared with 8 prefectures and 11 cities	N/A
Comments	Using goods prepared to commemorate the 1st anniversary of inscription, leaflets, a smartphone application, etc., and distributing or utilizing them for World Heritage-related events and lectures, for tourism promotion, and other occasions, we worked to improve information on and understanding of the value and appeal of World Heritage and to increase the number of visitors through the promotion of tourism among the areas.					

Appendix e)-4 Examples of Annual Report FY 2016 for Shuseikan (Area 2 Kagoshima/Component Part 2-1), the Terayama Charcoal Kiln (Area 2 Kagoshima/Component Part 2-2), and the Sekiyoshi Sluice Gate of Yoshino Leat (Area2 Kagoshima/Component Part 2-3)

2 Shuseikan

(Website)

Name	Overview	URL	Updates	No. of hits
"Sites of Japan's Meiji Industrial Revolution—Iron & Steel, Shipbuilding and Coal Mining" homepage (of World Heritage Council for Sites of Japan's Meiji Industrial Revolution)	On the occasion of the inscription on the World Heritage List, the Council for Sites of Japan's Meiji Industrial Revolution, in cooperation with the National Congress of Industrial Heritage (a general incorporated foundation) and the Cabinet Secretariat, launched a new "Sites of Japan's Meiji Industrial Revolution" homepage to introduce the sites' value as World Heritage, various interpretation activities, initiatives of the Council, and so on. Launched at July 2nd, 2015.	<a href="http://www.japanmeijiindustrialrevolution.com/">http://www.japanmeijiindustrialrevolution.com/</a>	As needed	79,017
Pages for Shuseikan and "Sites of Japan's Meiji Industrial Revolution" (Kagoshima City homepage)	Provides a range of information related to the World Heritage property, including the value of Shuseikan, an overview of the property, the process that led to World Heritage inscription, directions to each of the component parts, etc.	<a href="http://www.city.kagoshima.lg.jp/kankou/sakaasan/top/index.html">http://www.city.kagoshima.lg.jp/kankou/sakaasan/top/index.html</a>	As needed	5,923
Pages related to the "Partnership Council for Modern Industrial Heritage Sites in Kagoshima" (Kagoshima City homepage)	Introduces the "Partnership Council for Modern Industrial Heritage Sites in Kagoshima", which promotes initiatives that utilize the sites.	<a href="http://www.city.kagoshima.lg.jp/kankou/sakaasan/ps4-soma-sappu_gaiyou.html">http://www.city.kagoshima.lg.jp/kankou/sakaasan/ps4-soma-sappu_gaiyou.html</a>	As needed	222
Comments	We are working to disseminate various information related to the World Heritage property and the component parts in Kagoshima—e.g., its value as World Heritage, interpretation activities, an overview of the component parts, how to get there, the state of cooperative initiatives of the Partnership Council—and to promote greater awareness and understanding of the property as a whole and its component parts.			

2 Shuseikan

(Symposia, lectures, etc.)

Name	Date	Implementing Body	No. of Participants	Overview
Public awareness program for the Modern Industrial Heritage Sites (educational efforts for general residents of prefecture)	(Minamimatsu) December 11 <sup>th</sup> (Amami region) January 14 <sup>th</sup> , 15 <sup>th</sup> (Kerishima) January 23 <sup>rd</sup>	Kagoshima Prefecture	Total 170	A bus tour and lecture were held for local residents of areas where Shuseikan-related sites remain in order to promote awareness of the component parts within the prefecture that are part of the "Sites of Japan's Meiji Industrial Revolution" and the connection to local heritage sites.
Talk show to commemorate 1st anniversary of inscription of "Meiji Japan's Industrial Revolution Heritage Sites"	February 4 <sup>th</sup>	Kagoshima Prefecture	Approx. 1,000	A talk show was held to commemorate the 1 <sup>st</sup> anniversary of the inscription of the "Sites of Japan's Meiji Industrial Revolution" and to convey the value and significance of the component parts within the prefecture, their historical background, etc., to people within and outside of Kagoshima Prefecture.
"Sites of Japan's Meiji Industrial Revolution" Symposium	October 2 <sup>nd</sup>	Kagoshima Prefecture	Approx. 170	Under the title, "This Is Amazing! The Sekiyoshi Sluice Gate of Yoshino Leat Shuseikan Program—This Is How World Heritage Will Change the Region," experts offered a keynote speech and a symposium with other relevant people was held to discuss how to utilize the World Heritage component parts to revitalize the region.
Digital Documentation Exhibit	From May 5 <sup>th</sup> to March 31 <sup>st</sup>	The World Heritage Council for the Sites of Japan's Meiji Industrial Revolution	—	Using a panoramic video displayed on large screens (using Google Liquid Galaxy), this exhibit traveled to each region (Kagoshima, Arao, Nagasaki, Kitakyushu) to provide integrated information on the 23 component parts of the property.
Bus tour of Kagoshima World Cultural Heritage component parts	August 14 <sup>th</sup> , 21 <sup>st</sup> , September 17 <sup>th</sup> , 18 <sup>th</sup> , November 12 <sup>th</sup> , 13 <sup>th</sup> , 19 <sup>th</sup> , 20 <sup>th</sup> (total 8 days)	Kagoshima City	Total 236	A bus tour was offered that toured the component parts in order to increase understanding of their value as World Heritage and of the Shuseikan project.
Modern Industrial Heritage Sites hospitality course	July 19 <sup>th</sup> , 20 <sup>th</sup> , August 30 <sup>th</sup> , January 11 <sup>th</sup>	Partnership Council for Modern Industrial Heritage Sites in Kagoshima	Approx. total 50	A course was offered for taxi drivers, bus guides, hotel workers, and others that provided an overview of the Outstanding Universal Value of the property and its component parts, interacting with foreigners, etc., in order to improve hospitality toward visitors.
Liaison meeting for tour guide organizations	October 14 <sup>th</sup>	Partnership Council for Modern Industrial Heritage Sites in Kagoshima	8 guide organizations, relevant government officials	In order to increase visitors and be able to handle foreign tourists, a liaison meeting was held to promote exchange and cooperation among tour guide organizations.

Appendix e)-4 Examples of Annual Report FY 2016 for Shuseikan (Area 2 Kagoshima/Component Part 2-1),  
the Terayama Charcoal Kiln (Area 2 Kagoshima/Component Part 2-2),  
and the Sekiyoshi Sluice Gate of Yoshino Leat (Area2 Kagoshima/Component Part 2-3)

2 Shuseikan				
Name	Date	Implementing Body	No. of Participants	Overview
Lectures for local residents	October 29 <sup>th</sup> , November 12 <sup>th</sup>	Partnership Council for Modern Industrial Heritage Sites in Kagoshima	Total: 79	Lectures were held to deepen local residents' understanding of the value and attractiveness of the World Heritage property.
Walking events utilizing the component parts	August 21 <sup>st</sup> , October 10 <sup>th</sup> , November 23 <sup>rd</sup>	Partnership Council for Modern Industrial Heritage Sites in Kagoshima	Total: 500	In order to promote regional revitalization through the use of the sites, walking events (Sekiyoshi Sluice Gate of Yoshino Leat Amazing Discovery Mystery Tour, Yoshino Hyoroku Historic Roadway Walk, and A Visit to Shingakoji Temple) were carried out that were planned and operated by community organizations.
FE for Shuseikan as one of the component parts of Sites of Japan's Meiji Industrial Revolution at the Meiji Restoration Hometown Fair	October 29 <sup>th</sup> , 30 <sup>th</sup>	Partnership Council for Modern Industrial Heritage Sites in Kagoshima	Approx. total: 200	In order to expand the fan base for the Industrial Revolution Heritage Sites, we carried out FE activities for Shuseikan at the Meiji Restoration Hometown Fair that were planned and carried out by college students (making toy Narakira cannons, a picture-story show, etc.).
FE for Shuseikan as one of the component parts of Sites of Japan's Meiji Industrial Revolution at the Ohara Festival	November 3 <sup>rd</sup>	Partnership Council for Modern Industrial Heritage Sites in Kagoshima	Approx. 200	In order to expand the fan base for the modern industrial heritage sites, we carried out FE activities for Shuseikan at the Ohara Festival that were planned and carried out by college students (an exhibit of original panels, a shooting contest with toy Narakira cannons, etc.).
FE for Shuseikan at Shagokoku University's cultural festival (Icho Festival)	November 19 <sup>th</sup> -20 <sup>th</sup>	Partnership Council for Modern Industrial Heritage Sites in Kagoshima	Approx. total: 250	In order to expand the fan base for the modern industrial heritage sites, a Shuseikan FE booth was set up at the Shagokoku University Icho Festival, which was planned and carried out by college students.
Seminar & walking tour "Two people who inherited Narakira's vision, Segodon and Qedar-sama"	November 26 <sup>th</sup>	Partnership Council for Modern Industrial Heritage Sites in Kagoshima	Approx. 30	In order to expand the fan base for the modern industrial heritage sites, a seminar and walking tour were carried out, which were planned and run by a community organization.
Visiting lecture for city government on the World Cultural Heritage property	June 7 <sup>th</sup> , August 22 <sup>nd</sup> , September 5 <sup>th</sup> , November 25 <sup>th</sup> , 28 <sup>th</sup> , December 14 <sup>th</sup>	Kagoshima City	Total: 157	Visiting lectures were held by city employees for neighborhood associations and other private organizations.
Comments	We are holding events and lectures related to Sites of Japan's Meiji Industrial Revolution for citizens, tour guides, people in the tourism-related industries, and others, with the goal of disseminating information on and increasing understanding about the Outstanding Universal Value of the property as a whole and the positioning of each of the component parts in that. We will continue to promote effective initiatives to provide information to even more visitors and increase their understanding.			

2 Shuseikan				
(Educational initiatives)				
Name	Date	Implementing Body	No. of Participants	Overview
FE and educational activities on modern industrial heritage sites (promote understanding among young children/students)	July 7 <sup>th</sup> -September 10 <sup>th</sup> . Application period, November 26 <sup>th</sup> . Results announced, December 17 <sup>th</sup> . Award ceremony	Kagoshima Prefecture	Submitted works: 66	An essay contest was held for elementary school students within Kagoshima Prefecture on the theme of the component parts of the Sites of Japan's Meiji Industrial Revolution that are located within the prefecture.
Visiting class on Modern Industrial Heritage Sites	April - March	Kagoshima City	Total: 857 (13 events)	Lecturers from within the prefecture who are knowledgeable about the World Heritage property held special classes at elementary and middle schools in order to deepen understanding of the history of the late Edo and Meiji Restoration periods, including the Shuseikan project, and also to foster pride in their hometown.
Field trip for educators	August 9 <sup>th</sup>	Partnership Council for Modern Industrial Heritage Sites in Kagoshima	13	The objective was to deepen educators' understanding of the general overview and value of the World Heritage property and its component parts and to encourage educational activities in schools.
Shoko-Shuseikan workshops and lectures for educators	July 9 <sup>th</sup> , 29 <sup>th</sup> , August 3 <sup>rd</sup> , 6 <sup>th</sup> , September 3 <sup>rd</sup> , October 6 <sup>th</sup> , December 3 <sup>rd</sup>	Shimadzu Limited	Total: 215 (7 events)	Lectures and workshops were held for members of the general public who are interested in history as well as educators in order to promote understanding of the Shuseikan project.
Workshops for primary school students	May 18 <sup>th</sup> , 26 <sup>th</sup> , June 9 <sup>th</sup> , September 23 <sup>rd</sup> , 26 <sup>th</sup> , October 19 <sup>th</sup> , 21 <sup>st</sup> , 26 <sup>th</sup> , 28 <sup>th</sup> , November 4 <sup>th</sup> , 5 <sup>th</sup> , February 16 <sup>th</sup>	Shimadzu Limited	Total: 1,060 (12 events)	On-site workshops were held for primary school students in order to increase understanding of the Sites of Japan's Meiji Industrial Revolution and of the Shuseikan project.
Comments	In addition to carrying out an essay contest and visiting lectures aimed at young children and students, courses and workshops were conducted for educators in order to promote understanding of the Sites of Japan's Meiji Industrial Revolution.			



Appendix e)-4 Examples of Annual Report FY 2016 for Shuseikan (Area 2 Kagoshima/Component Part 2-1), the Terayama Charcoal Kiln (Area 2 Kagoshima/Component Part 2-2), and the Sekiyoshi Sluice Gate of Yoshino Leat (Area2 Kagoshima/Component Part 2-3)

2 Shuseikan

(Materials for educational activities)

Name	Organization Responsible for Production (Revision)	Format/pages	No. Released	Overview	Grants, etc.
Kagoshima Time Travel	Kagoshima Prefecture	A4, 22 pages	50,000	A supplementary reader for use in class was distributed to all 5 <sup>th</sup> graders in the prefecture.	N/A.
Stationery (desk pad) to promote learning and awareness	Partnership Council for Modern Industrial Heritage Sites in Kagoshima	A4-double-sided	5,000	New stationery goods (desk pads) were created to provide an opportunity for students to learn about the value and appeal of the heritage sites, and they were distributed to 5 <sup>th</sup> grade children in the city of Kagoshima.	N/A.
Curriculum guide leaflet	Partnership Council for Modern Industrial Heritage Sites in Kagoshima	A3-double-sided	500	Leaflets were produced (additional printing) as reference for educators to encourage the incorporation of the Sites of Japan's Meiji Industrial Revolution into the primary school curriculum as a theme; they were distributed to elementary and middle schools in the city.	N/A.
Comments	Educational materials including stationery goods to promote learning/awareness and a curriculum guide leaflet were created and distributed in order to promote understanding of the Sites of Japan's Meiji Industrial Revolution. Continued efforts will be made to work with schools and other relevant organizations to promote understanding of the sites.				

(Capacity-building)

Name	Date	Implementing Body	No. of Participants	Target Audience	Overview
Workshop on conservation and management	May 1 <sup>st</sup> , February 10 <sup>th</sup>	The World Heritage Council for the Sites of Japan's Meiji Industrial Revolution	Approx. total: 80 (4 from Kagoshima City)	Local government personnel involved with the Sites of Japan's Meiji Industrial Revolution	A course was held for newly appointed staff and outside experts were invited to offer lectures as part of a training program aimed at improving knowledge of and technical capacity in conservation and management.
Tour guide training for Sites of Japan's Meiji Industrial Revolution	November 15 <sup>th</sup> -16 <sup>th</sup>	The World Heritage Council for the Sites of Japan's Meiji Industrial Revolution	50	Guides and others from each area, relevant local government personnel	In addition to increasing knowledge of the Outstanding Universal Value of the World Heritage property as a whole and positioning of each of the component parts in that, the training deepened cooperation and exchange among the relevant regions in terms of guide-related activities.
Comments	In addition to increasing knowledge of the Sites of Japan's Meiji Industrial Revolution, conservation and management, etc., these projects deepened cooperation and exchange among guides in the relevant regions. Training for those working on conservation and management, guides, and others will be further strengthened to help improve the capabilities of relevant personnel.				

2 Shuseikan

(Activities involving the local community)

Name	Date	Implementing Body	No. of Participants	Overview of participants, organization, activities
Clean-up activities in the Shuseikan area	July 24 <sup>th</sup> , February 26 <sup>th</sup> , March 12 <sup>th</sup>	Iso Neighborhood Association	Total: approx. 50	Clean-up activities were carried out by the local neighborhood association in the area around Shuseikan.
Hospitality activities at Shuseikan	November 15 <sup>th</sup> , March 5 <sup>th</sup>	Iso Neighborhood Association	Total: approx. 40	Hospitality activities were carried out for visitors to the Former Foreign Engineers' Residence, and World Heritage FR efforts were conducted at the Kagoshima Marathon.
Clean-up activities in the Terayama Charcoal Kiln area	1x per month	Yoshino-cho Higashi-Shobudani Neighborhood Association	Total: approx. 120	Clean-up activities were carried out by the local neighborhood association in the area around the Terayama Charcoal Kiln.
Making charcoal experience at Kiln	February 14 <sup>th</sup> (place pots in kiln), February 18 <sup>th</sup> (remove pots from kiln)	Yoshino-cho Higashi-Shobudani Neighborhood Association	Total: approx. 30	Making charcoal experience at Kiln was carried out with the local neighborhood association.
Clean-up activities in the Sekiyoshi Sluice Gate of Yoshino Leat area and maintenance of the sluice gate	All year	Shimoda-cho Neighborhood Association	Total: approx. 150	Clean-up activities and maintenance of irrigation water was carried out by the local neighborhood association in the area around the Sekiyoshi Sluice Gate of Yoshino Leat.
Planting activities around the Sekiyoshi Sluice Gate of Yoshino Leat	November 2 <sup>nd</sup> , February 10 <sup>th</sup>	Shimoda-cho Neighborhood Association	Total: approx. 30	Planting activities (sowing of rapeseed, maintenance of hydrangeas and mow of cherry trees) were carried out by the local neighborhood association around the Sekiyoshi Sluice Gate of Yoshino Leat.
Clean-up activities by college students around the site	7x per year	Partnership Council for Modern Industrial Heritage Sites in Kagoshima	Total: approx. 100	Clean-up activities and workshops were held by university and junior college students around the site.
Volunteer guide activities (fixed locations)	Sat., Sun., holidays (except part of winter)	Kagoshima Convention & Visitors Bureau	Total: approx. 980	At the Former Foreign Engineers' Residence, Terayama Charcoal Kiln, and Sekiyoshi Sluice Gate of Yoshino Leat, stationary guides were available to convey the value and appeal of the site on weekends and holidays (Terayama/Sekiyoshi closed for winter from December through February).
Volunteer guide activities (walking tour)	All year	Kagoshima Convention & Visitors Bureau	Total: approx. 140	Kagoshima volunteer guides conducted guided walking tours of the "Walk Around Shuseikan, a World Heritage site" course.
Comments	In addition to clean-up and planting vegetation work with groups like local neighborhood associations and hospitality and other activities that enhance the region's appeal, the Partnership Council for Modern Industrial Heritage Sites in Kagoshima carries out work such as having volunteers serve as stationary guides to share the sites' value and appeal. We will cooperate and collaborate with the relevant administrative agencies to continue carrying these activities out in the future.			

2 Shuseikan

## 7 Organizations and Others Involved in Conservation of the Component Parts

(Overview of managing entities, etc.)

Name	Owner/Administrator	Number of workers/employees	Overview of organization
Shimadzu Limited	Owner of the Garden designated as a Place of Scenic Beauty, Historic Site Shuseikan Machinery Factory (currently Shoko Shuseikan), etc.	[No. involved in conservation and management of the component part] Shoko Shuseikan: 4 Sengan-en: 54	Manages Shoko Shuseikan (historical museum) and Garden of Sengan-en designated as a Place of Scenic Beauty. The conservation and management of the Historic Site and the Machinery Factory is done by the Shoko Shuseikan, the conservation and management within the Garden of Sengan-en is done by Sengan-en's Park Interior Management Division.
Kagoshima City	Owner of the Former Foreign Engineers' Residence, Manager of municipal roadways, river	[No. involved in conservation and management of the component part] Division head: 3 Admin: 5	Local public body (number of employees: 3,706). Jurisdiction for site conservation and management lies with the Cultural Properties Division, management of municipal roads and rivers lies with the Road Management Division and the River and Harbor Affairs Division.

(Overview of NPOs, Volunteer Groups, and other organizations related to the component part)

Name	Type of organization	Number of workers/employees	Overview of organization
Partnership Council for Modern Industrial Heritage Sites in Kagoshima	Private organization	Approx. 30	Established in March 2014, when the "Kagoshima Modern Industry Cooperative Action Plan" was set. Comprised of local citizens, NPOs, operators, and other relevant organizations, each body cooperated in implementing initiatives aimed at preservation of the Modern Industrial Heritage Sites and at regional revitalization.
Kanmachi Town Management	Private organization	Approx. 20	Led by residents of Kanmachi, an old castle town located in the vicinity of Kagoshima Station, which is the closest station in the Iso district, this group carries out community-building activities. They have been a core member of the Partnership Council.
Machinakuri Chuki Forum-Kagoshima Tanken no Kai (NPO Community-Building Forum-Kagoshima Explorers Club)	Nonprofit organization	Approx. 5	As an NPO that considers how to learn about historical geography and nature, and how to build the community, the Forum carries out walking tours of the Modern Industrial Heritage Sites, offers lectures, etc.

2 Shuseikan

## 8 System for Cooperation among Parties Relevant to Management and Conservation

(State of meetings of local conservation councils)

Division	Proceedings and Reports	Notes
<b>(1st Council Meeting) May 9, 2016</b>		
① Feedback mechanism set out in "Strategic Framework"	Regarding FY2015 annual report (draft)	
② Implementation, improvement, and amendment of Conservation Management Plan (CMP)	Regarding the restoration and maintenance utilization plan	
③ Other	Regarding amendments to the regulations on area-based local conservation councils	
<b>(1st Board Meeting) October 7, 2016</b>		
① Feedback mechanism set out in "Strategic Framework"	Regarding a new monitoring chart	
② Implementation, improvement, and amendment of Conservation Management Plan (CMP)	Regarding the restoration and maintenance utilization plan	
<b>(2nd Board Meeting) December 20, 2016</b>		
② Implementation, improvement, and amendment of Conservation Management Plan (CMP)	Regarding the restoration and maintenance utilization plan	

## 9 Summary (Review)

### (1) Regarding the work for conservation and management, etc.

#### 1) Overall

- In terms of the displays within each component part, in 2015, as part of the Shuseikan project, explanatory and guide signs were installed with a unified design. Based on the results of future research, we will improve the guidance functions as needed, for example by updating or adding explanatory signs.

#### 2) Shuseikan

- In the Sengan-en entrance building, we revised the reception layout according to visitor traffic flow, and in the Iso Kohi-kan, as a new restaurant was added, repairs were made to the interior and exterior. We will continue to make improvements and enrichments to the environment in which visitors are greeted.
- With regard to the roof of the residence in Sengan-en, tile repairs were carried out in response to leaks, and revetment repairs and riverbed girdle repairs were also carried out when a portion of the bank of the Kekura River stonework crumbled and there was sediment runoff due to heavy rains. We will continue to monitor the situation and, keeping in mind the landscape as a Place of Scenic Beauty, will discuss the necessary measures.

#### 3) Sekiyoshi Sluice Gate of Yoshino Leat

- The necessary measures were taken to ensure a safe and pleasant environment for visitors, such as inspecting and repairing the fall prevention fence, cleaning up the area following the typhoon, clearing driftwood from within the river section, and so on.

#### 4) Terayama Charcoal Kiln

- Since November 2015, fixed-point observations have been carried out to survey the condition of stonework. We will continue to carry out fixed-point observations and will ask experts for their opinions as we carefully analyze the condition of the stonework and consider concrete measures for the future.
- With regard to the nature trail, in addition to repair work on uneven areas of the trail, a rope safety fence was installed to prevent falls. We will continue to work to ensure a safe and pleasant environment for visitors.

### (2) Regarding interpretation

- We worked on PR and educational efforts aimed at visitors and others using the leaflets, goods, phone app, and so on that were produced. We will continue to disseminate information on and increase understanding about the World Heritage sites' value and appeal, and will continue to work to increase the number of visitors by promoting tourism among the areas.
- With regard to Shuseikan's guidance function, based on the current division of roles between the display contents in each of the facilities, we will consider ways to enhance that guidance function so that the "Sites of Japan's Meiji Industrial Revolution" and the Shuseikan project can be understood in their entirety as the Iso area's overall guidance facilities.