

San Antonio Missions

1. World Heritage Property Data

1.1 - Name of World Heritage property


San Antonio Missions

1.2 - World Heritage property details

1.3 - Geographic information table

Name	Coordinates	Property (ha)	Buffer zone (ha)	Total (ha)	Inscription year
Mission Espada	29.328 / -98.46	94.7	2068	2162.7	2015
Mission San Juan	29.332 / -98.456	130.5	?	130.5	2015
Mission San José	29.362 / -98.48	20.6	?	20.6	2015
Mission Concepcion	29.391 / -98.492	13.3	?	13.3	2015
Mission Valero	29.426 / -98.486	1.7	?	1.7	2015
Rancho de las Cabras	29.095 / -98.167	40	?	40	2015
Total (ha)		300.8	2068	2368.8	

1.4 - Map(s)

Title	Date	Link to source
San Antonio Missions - maps of inscribed property	2015	

1.5 - Web and Social Media data of the property (if applicable)

Comment

www.nps.gov/saan
www.facebook.com/MissionsNPS/
www.instagram.com/missionsnps/
twitter.com/MissionsNPS
www.youtube.com/channel/UCm9cZHyngelN-HyG8jvAYA
www.worldheritagesa.com/
www.facebook.com/WorldHeritageSA
www.lasmisiones.org
www.facebook.com/LasMisionesSanAntonio
www.thealamo.org/
www.facebook.com/OfficialAlamo/
twitter.com/OfficialAlamo
www.instagram.com/OfficialAlamo/
www.pinterest.com/officialalamo/
www.youtube.com/c/worldheritagesa
www.instagram.com/worldheritagesanantonio

2. Other Conventions/Programmes under which the World Heritage property is protected (if applicable)

2.1 - Records indicate that your World Heritage property (in whole or in part) is designated and/or protected under the Conventions/programmes shown in the prefilled table below. Please check and amend as necessary.

		The World Heritage property (in whole or in part) <u>is</u> designated and/or protected under this convention/programme	The World Heritage property (in whole or in part) <u>is not</u> designated and/or protected under this convention/programme
2.1.1	International Register of Cultural Property under Special Protection (1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict)		✗
2.1.2	List of Cultural Property under Enhanced Protection (Second Protocol to the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict)		✗
2.1.3	The List of Wetlands of International Importance (The Ramsar List) (Convention on Wetlands of International Importance (Ramsar Convention))		✗
2.1.4	World Network of Biosphere Reserves Man and the Biosphere (MAB) Programme		✗
2.1.5	Global Geoparks Network UNESCO Global Geoparks		✗

2.2 - Please provide comments on 2.1 if necessary

2.3 - Do your national authorities intend to request the granting of Enhanced Protection (if relevant) under the Second Protocol to the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict for the World Heritage property in the next three years?

No

2.4 - Do your national authorities intend to designate whole or part of the World Heritage property for inclusion in the List of Wetlands of International Importance (The Ramsar List), if relevant, in the next three years?

No

2.5 - Do your national authorities intend to designate whole or part of the World Heritage property as a Man and Biosphere Reserve (if relevant) in the next three years?

No

2.6 - Do your national authorities intend to apply for whole or part of World Heritage property to be designated as a UNESCO Global Geopark (if relevant) in the next three years?

No

2.7 - Please indicate the level of cooperation at property level between designations under different Conventions/Programmes

2.7.1	1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	✕
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager also manages this designation/programme.	
2.7.2	Second Protocol to the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	✕
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager also manages this designation/programme.	
2.7.3	Convention on Wetlands of International Importance (Ramsar Convention)	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	✕
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager also manages this designation/programme.	
2.7.4	Man and the Biosphere (MAB) Programme	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	✕
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager also manages this designation/programme.	
2.7.5	UNESCO Global Geoparks	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	✕
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager also manages this designation/programme.	

2.8 - Please add any further comments on cooperation with the other designation(s)/programme(s)

2.9 - Are you aware of any elements associated with the World Heritage property that have been inscribed on the Representative List of the Intangible Cultural Heritage?

No

2.10 - Please list any elements associated with the World Heritage property inscribed under the Convention for the Safeguarding of the

Intangible Cultural Heritage of which you are aware

2.11 - Are you aware of any documentary heritage listed under the Memory of the World Programme associated with the World Heritage property?

No

2.12 - Please list any documentary heritage associated with the World Heritage property listed under the Memory of the World Programme of which you are aware.

3. Statement of Outstanding Universal Value

3.1 - Statement of Outstanding Universal Value for the property as adopted by the World Heritage Committee

Statement of Outstanding Universal Value

Brief synthesis

The San Antonio Missions are a group of five frontier mission complexes situated along a 12.4-kilometer (7.7-mile) stretch of the San Antonio River basin in southern Texas. The complexes were built in the early eighteenth century and as a group they illustrate the Spanish Crown's efforts to colonize, evangelize and defend the northern frontier of New Spain. In addition to evangelizing the area's indigenous population into converts loyal to the Catholic Church, the missions also included all the components required to establish self-sustaining, socio-economic communities loyal to the Spanish Crown.

The missions' physical remains comprise a range of architectural and archaeological structures including farmlands (labores), cattle grounds (ranchos), residences, churches, granaries, workshops, kilns, wells, perimeter walls and water distribution systems. These can be seen as a demonstration of the exceptionally inventive interchange that occurred between indigenous peoples, missionaries, and colonizers that contributed to a fundamental and permanent change in the cultures and values of all involved, but most dramatically in those of the Coahuiltecos and other indigenous hunter-gatherers who, in a matter of one generation, became successful settled agriculturists. The enclosed layout of each mission complex and their proximity to each other, the widespread sharing of knowledge and skills among their inhabitants, and the early adoption of a common language and religion resulted in a people and culture with an identity neither wholly indigenous nor wholly Spanish that has proven exceptionally persistent and pervasive.

Criterion (ii): The San Antonio Missions are an example of the interweaving of the cultures of the Spanish and the Coahuiltecan and other indigenous peoples, illustrated in a variety of elements, including the integration of the indigenous settlements towards the central plaza, the decorative elements of the churches which combine Catholic symbols with indigenous natural designs, and the post-secularization evidence which remains in several of the missions and illustrates the loyalty to the shared values beyond missionary rule. The substantial remains of the water distribution systems are yet another expression of this interchange between indigenous peoples, missionaries, and colonizers that contributed to a fundamental and permanent change in the cultures and values of those involved.

Integrity

The five missions were selected based on their geographical and functional relationship in the San Antonio River Basin. Although founded independently, the missions are located at a distance of less than five kilometres from each other and shared a common approach to defence against attacks. The missions as a group, and not individually, combine all functional elements needed to understand their purpose and role in colonization, evangelization and eventual secularization. The property is of sufficient size to adequately ensure the representation of the Outstanding Universal Value. Several serial components are affected by development pressures and past changes to their setting have had negative impacts on integrity. Especially in Mission Valero (the Alamo) considerable urban development in downtown San Antonio has obscured the visual connection to the river setting. However, development threats are reduced by urban planning restrictions and the property is free of immediate threats at present.

Authenticity

The missions have evolved over time and not all remains which characterize the missions today date back to the time before secularization. Especially in the 19th century, structures were added to the complexes and these were even extended or modernized in the 20th century. However, the stratigraphy of the different consecutive additions is clearly legible in most sites and early physical remains can be easily identified. The churches with the exception of Mission San José retain authenticity of material, design and workmanship in relation to their original construction. Four of the serial components have retained some authenticity in use and function as their church complexes are still used for church services. Missions Espada, San Juan and the Rancho de las Cabras illustrate a very high degree of authenticity in setting. Mission Valero is the only serial component in which authenticity is limited in a number of aspects. However, it contributes an important element to the series as the foundation of the San Antonio Missions, the first one to be created by the Franciscan Order and the first enclave that acted as a pole of attraction to the rest

Protection and management requirements

The Missions of San Antonio are protected by federal laws and designations, Texas State laws and designations, City of San Antonio ordinances, and cooperative agreements, easements, and deed restrictions. Mission Valero (the Alamo), Mission Espada and Mission Concepción have been designated as National Historic Landmarks. Mission San José is a National Historic Site and the other components are on the National Register of Historic Places. At the federal level, Mission San José is also designated as a Texas State Historical Site and all five missions are Texas State Antiquities Landmarks as well as on a local level City of San Antonio Local Landmarks. The Texas Historical Commission must review in advance any modifications proposed for the structural elements located in the property.

The United States National Park Service manages all the property within the boundaries of the San Antonio Missions National Historical Park, which was established under Public Law 95-629 (1978) and Public Law 101-628 (1990). The four mission churches within the National Historical Park are owned and operated by the Archdiocese of San Antonio. The State of Texas owns the property of Mission Valero/The Alamo. Management of the series is complex and based on an ownership structure which includes nine different owners. These remain responsible for the day-to-day management of their respective properties. For overarching issues which concern all serial components of the property, an advisory committee was established in 2012 to advise on preservation, interpretation and outreach activities and to make recommendations on frameworks for continued cooperation.

A document of management objectives describes all institutions that partner in the management of the property and broadly defines their contributions and fields of responsibility. This document has been adopted by all nine property owners and provides a general basis for the coordinated management. There is continual monitoring for potential threats to the property to ensure none jeopardize the attributes that sustain the property's Outstanding Universal Value. Perhaps the most significant potential threat is the rapid growth and development of the City of San Antonio. The San Antonio River is an important connecting element of the properties and the buffer zone regulations ensure that this special role is retained.

3.2 - Please list the key attributes of Outstanding Universal Value of your property and give an assessment of their condition. As a guideline, it is suggested to focus on approximately five key attributes (no more than 15 overall).

Brief identification of attribute		Preserved	Compromised	Seriously compromised	Lost
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3.2.1	Mission Valero (Alamo) Mission Complex	✕			
3.2.2	Mission Concepcion Complex	✕			
3.2.3	Mission San Jose Complex	✕			
3.2.4	Mission San Juan Complex	✕			
3.2.5	Mission Espada Complex	✕			
3.2.6	Rancho de las Cabras	✕			
3.2.7	Acequias (Spanish Colonial Irrigation Systems)	✕			
3.2.8	Labores (Spanish Colonial farm fields)	✕			
3.2.9	Espada Aqueduct	✕			
3.2.10					
3.2.11					
3.2.12					
3.2.13					
3.2.14					
3.2.15					

3.3 - Comments, conclusions and/or recommendations related to Statement of Outstanding Universal Value

4. Factors Affecting the Property

4.1. Buildings and Development

4.1.1 - Housing

✕ Relevant			Not relevant				
	Impact		Origin		Trend of impact		
Impact	🔴 Current	🟡 Potential	🟢 Inside	🟢 Outside	📉 Decreasing	→ Stable	📈 Increasing
🟢 Positive							
🔴 Negative ✕	✕			✕			📈

4.1.2 - Commercial development

✕ Relevant			Not relevant				
	Impact		Origin		Trend of impact		
Impact	🔴 Current	🟡 Potential	🟢 Inside	🟢 Outside	📉 Decreasing	→ Stable	📈 Increasing
🟢 Positive							
🔴 Negative ✕	✕			✕			📈

4.1.3 - Industrial areas

✕ Relevant			Not relevant				
	Impact		Origin		Trend of impact		
Impact	🔴 Current	🟡 Potential	🟢 Inside	🟢 Outside	📉 Decreasing	→ Stable	📈 Increasing
🟢 Positive							
🔴 Negative ✕	✕	✕		✕			📈

4.1.4 - Major visitor accommodation and associated infrastructure

✕ Relevant			Not relevant				
	Impact		Origin		Trend of impact		
Impact	🔴 Current	🟡 Potential	🟢 Inside	🟢 Outside	📉 Decreasing	→ Stable	📈 Increasing
🟢 Positive ✕	✕	✕	✕	✕			📈

Negative							
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4.1.5 - Interpretative and visitation facilities

Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							
Negative							

4.1.6 - Please comment as necessary on how the factors selected as relevant in 4.1 are affecting the property either negatively or positively

San Antonio was the fastest growing major U.S. city during the pandemic and areas around the World Heritage Site are seeing increased housing and commercial development and encroachment making the planning and zoning restrictions in place increasingly important. New visitor service facilities under construction by the Alamo, Archdiocese, and City of San Antonio as well as improved wayfinding signage by the NPS and City of San Antonio are having a positive impact on the visitor experience.

4.2. Transportation Infrastructure

4.2.1 - Ground transport infrastructure

Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							
Negative							

4.2.2 - Underground transport infrastructure

Relevant	Not relevant
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4.2.3 - Air transport infrastructure

Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							
Negative							

4.2.4 - Marine transport infrastructure

Relevant	Not relevant
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4.2.5 - Effects arising from use of transportation infrastructure

Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							
Negative							











4.2.6 - Please comment as necessary on how the factors selected as relevant in 4.2 are affecting the property either negatively or positively

The City of San Antonio has been making roadway improvements within the World Heritage Site buffer zone. Stinson Municipal Airport is inside the World Heritage Site buffer zone and noise from overflights continue to be a concern affecting the visitor experience.

4.3. Services Infrastructures

4.3.1 - Water infrastructure

Relevant				Not relevant			
	Impact		Origin		Trend of impact		











Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕	✕		✕				
 Negative ✕	✕	✕	✕	✕			

4.3.2 - Renewable energy facilities

Relevant	✕ Not relevant
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4.3.3 - Non-renewable energy facilities

✕ Relevant	Not relevant
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	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative ✕	✕	✕		✕			











4.3.4 - Localised utilities

✕ Relevant	Not relevant
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	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative ✕	✕	✕	✕	✕			

4.3.5 - Major linear utilities

✕ Relevant	Not relevant
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	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative ✕	✕	✕	✕	✕			

4.3.6 - Please comment as necessary on how the factors selected as relevant in 4.3 are affecting the property either negatively or positively

Impacts from utility infrastructure systems (water and electrical) are negatively affecting the property as upgrades, etc. are needed to address the increased housing and commercial development within the World Heritage Site buffer zone. The need for site managers to remain vigilant to ensure the key resources are protected during ground disturbing activities and ensure contractors remain in easement areas is a persistent concern and pressure.











4.4. Pollution

4.4.1 - Pollution of marine waters

Relevant	✕ Not relevant
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

4.4.2 - Ground water pollution

✕ Relevant	Not relevant
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	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative ✕	✕	✕		✕			

4.4.3 - Surface water pollution

✕ Relevant	Not relevant
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	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative ✕	✕	✕		✕			

4.4.4 - Air pollution

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔨 Potential	📍 Inside	🌿 Outside	↘ Decreasing	→ Stable	↗ Increasing
➕ Positive							
➖ Negative ✕	✕	✕		✕			↗

4.4.5 - Solid waste

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔨 Potential	📍 Inside	🌿 Outside	↘ Decreasing	→ Stable	↗ Increasing
➕ Positive							
➖ Negative ✕	✕	✕		✕			↗

4.4.6 - Input of excess energy

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔨 Potential	📍 Inside	🌿 Outside	↘ Decreasing	→ Stable	↗ Increasing
➕ Positive							
➖ Negative ✕	✕	✕		✕			↗

4.4.7 - Please comment as necessary on how the factors selected as relevant in 4.4 are affecting the property either negatively or positively

As an urban immersed World Heritage Site with both Spanish Colonial historic structures and water systems, multiple types of pollution are negatively impacting the property to include ground water from increasing housing and commercial developments, air pollution common to most major cities, etc. are all persistent issues being managed.

4.5. Biological resource use/modification

4.5.1 - Fishing/collecting aquatic resources

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔨 Potential	📍 Inside	🌿 Outside	↘ Decreasing	→ Stable	↗ Increasing
➕ Positive ✕	✕		✕			→	
➖ Negative ✕		✕	✕			→	

4.5.2 - Aquaculture

Relevant	✕ Not relevant
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4.5.3 - Land conversion











✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔨 Potential	📍 Inside	🌿 Outside	↘ Decreasing	→ Stable	↗ Increasing
➕ Positive ✕		✕		✕			↗
➖ Negative ✕		✕		✕			↗

4.5.4 - Livestock farming/Grazing of domesticated animals

Relevant	✕ Not relevant
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4.5.5 - Crop production

✕ Relevant				Not relevant			
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	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕	✕	✕	✕	✕			
 Negative							

4.5.6 - Commercial wild plant collection

Relevant	✕ Not relevant
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4.5.7 - Subsistence wild plant collection

✕ Relevant	Not relevant
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	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕	✕	✕	✕				
 Negative							

4.5.8 - Commercial hunting

Relevant	✕ Not relevant
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4.5.9 - Subsistence hunting

Relevant	✕ Not relevant
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4.5.10 - Forestry/Wood production

Relevant	✕ Not relevant
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4.5.11 - Please comment as necessary on how the factors selected as relevant in 4.5 are affecting the property either negatively or positively

The City of San Antonio went through an extensive process to ensure appropriate zoning and land planning in 2018 to ensure the character of the historic cultural landscape remained intact and was protected. Traditionally associated communities gather pecans within the World Heritage Site and through a partnership with the San Antonio Food Bank, the NPS continues to ensure the historic agricultural uses of the farm fields continues which are positively affecting the site.

4.6. Physical resource extraction

4.6.1 - Mining











Relevant	✕ Not relevant
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4.6.2 - Quarrying

Relevant	✕ Not relevant
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4.6.3 - Oil and gas

✕ Relevant	Not relevant
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	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative ✕	✕	✕		✕			

4.6.4 - Water (extraction)

Relevant	✕ Not relevant
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4.6.5 - Please comment as necessary on how the factors selected as relevant in 4.6 are affecting the property either negatively or positively

An oil refinery is within the World Heritage Site buffer zone and immediately adjacent to NPS property containing one of the Spanish Colonial acequias. As recently as April 2023, a small oil spill at the refinery resulted in oil entering the acequia which though now mitigated, was a negative affect on the property.

4.7. Local conditions affecting physical fabric

4.7.1 - Wind

✕ Relevant	Not relevant
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	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative 							

4.7.2 - Relative humidity

 Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative 							

4.7.3 - Temperature

 Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative 							

4.7.4 - Radiation/Light

 Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative 							

4.7.5 - Dust

 Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative 							








4.7.6 - Water (rain/water table)

 Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative 							

4.7.7 - Pests

 Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative 							

4.7.8 - Micro-organisms

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative ✕	✕	✕		✕			

4.7.9 - Please comment as necessary on how the factors selected as relevant in 4.7 are affecting the property either negatively or positively

Recent preservation projects on the Mission churches identified micro-organisms growing on the domes, negatively affecting the structures. Non-native species introduced into the landscape and water are being managed, but are an active threat to the historic landscape. San Antonio has a climate with high heat and high humidity coupled with periods of drought and intermittent heavy rains - all negatively affect vegetation, soil stability, and structural integrity of the historic structures.

4.8. Social/Cultural uses of heritage

4.8.1 - Ritual/Spiritual/Religious and associative uses

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕	✕	✕	✕	✕			
 Negative							


4.8.2 - Society's valuing of heritage

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕	✕	✕	✕	✕			
 Negative							

4.8.3 - Indigenous hunting, gathering and collecting

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕	✕	✕	✕	✕			
 Negative							

4.8.4 - Changes in traditional ways of life and knowledge system











✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕	✕	✕	✕	✕			
 Negative							

4.8.5 - Identity, social cohesion, changes in local population and community

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕	✕	✕	✕	✕			
 Negative							

4.8.6 - Impacts of tourism/Visitation/Recreation

✕ Relevant				Not relevant			
------------	--	--	--	--------------	--	--	--

	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕	✕	✕	✕	✕			
 Negative							

4.8.7 - Please comment as necessary on how the factors selected as relevant in 4.8 are affecting the property either negatively or positively

Increased collaboration with the Mission Descendant community comprised of the descendants of the indigenous peoples who built the Missions is positively affecting the property in multiple ways and also positively impacting the Mission Descendant community level of engagement. Similarly, tourism is positively impacting the site as visitors learn and appreciate the value of preserving heritage at as site that is actively used by the community, including the active Parishes.

4.9. Other human activities

4.9.1 - Illegal activities

✕ Relevant			Not relevant				
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative ✕	✕	✕	✕	✕			

4.9.2 - Deliberate destruction of heritage

✕ Relevant			Not relevant				
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative ✕	✕	✕	✕	✕			

4.9.3 - Military training

Relevant			✕ Not relevant				
----------	--	--	----------------	--	--	--	--

4.9.4 - War

Relevant			✕ Not relevant				
----------	--	--	----------------	--	--	--	--

4.9.5 - Terrorism

Relevant			✕ Not relevant				
----------	--	--	----------------	--	--	--	--

4.9.6 - Civil unrest

Relevant			✕ Not relevant				
----------	--	--	----------------	--	--	--	--

4.9.7 - Please comment as necessary on how the factors selected as relevant in 4.9 are affecting the property either negatively or positively

As an urban immersed World Heritage Site in close proximity (~150 miles) to the U.S./Mexico border - persistent and increasing crime, vandalism, homeless/unsheltered encampments, are negatively affecting the site.
















4.10. Climate change and severe weather events

4.10.1 - Storms


✕ Relevant			Not relevant				
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative ✕	✕	✕	✕	✕			
















4.10.2 - Flooding

✕ Relevant			Not relevant				
------------	--	--	--------------	--	--	--	--


	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative 							
















4.10.3 - Drought

 Relevant	Not relevant
--	--------------


	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative 							

4.10.4 - Desertification

 Relevant	Not relevant
--	--------------
















	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative 							

4.10.5 - Changes to oceanic waters


Relevant	 Not relevant
----------	--
















4.10.6 - Temperature change

 Relevant	Not relevant
--	--------------

	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative 							

4.10.7 - Other climate change impacts

 Relevant	Not relevant
--	--------------


	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative 							

4.10.8 - Please comment as necessary on how the factors selected as relevant in 4.10 are affecting the property either negatively or positively

Drought periods and the resulting aridification of the soil and historic Spanish Colonial architectural and agricultural features are negatively impacting the stability and condition of key elements at each of the Mission sites from the churches and other historic structures to the acequia systems, which are being negatively impacted during heavy rains in between periods of extreme drought.

4.11. Sudden ecological or geological events

4.11.1 - Volcanic eruption

Relevant	 Not relevant
----------	--

4.11.2 - Earthquake

Relevant	 Not relevant
----------	--

4.11.3 - Tsunami/Tidal wave

Relevant	 Not relevant
----------	--

4.11.4 - Avalanche/Landslide

Relevant	✕ Not relevant
----------	----------------

4.11.5 - Erosion and siltation/Deposition

✕ Relevant	Not relevant
------------	--------------

	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔊 Potential	📍 Inside	🌐 Outside	↘ Decreasing	→ Stable	↗ Increasing
🟢 Positive							
🔴 Negative ✕	✕	✕	✕	✕			↗

4.11.6 - Fire (wildfire)

✕ Relevant	Not relevant
------------	--------------

	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔊 Potential	📍 Inside	🌐 Outside	↘ Decreasing	→ Stable	↗ Increasing
🟢 Positive ✕		✕	✕	✕			↗
🔴 Negative ✕		✕	✕	✕			↗

4.11.7 - Please comment as necessary on how the factors selected as relevant in 4.11 are affecting the property either negatively or positively

Erosion caused by heavy rains and flooding are negatively affecting the Spanish Colonial acequia systems requiring more frequent management protections.

4.12. Invasive/alien species or hyper-abundant species

4.12.1 - Translocated species

Relevant	✕ Not relevant
----------	----------------

4.12.2 - Invasive/Alien terrestrial species

✕ Relevant	Not relevant
------------	--------------

	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔊 Potential	📍 Inside	🌐 Outside	↘ Decreasing	→ Stable	↗ Increasing
🟢 Positive							
🔴 Negative ✕	✕	✕	✕	✕			↗

4.12.3 - Invasive/Alien freshwater species

✕ Relevant	Not relevant
------------	--------------

	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔊 Potential	📍 Inside	🌐 Outside	↘ Decreasing	→ Stable	↗ Increasing
🟢 Positive							
🔴 Negative ✕	✕	✕	✕	✕			↗

4.12.4 - Invasive/Alien marine species

Relevant	✕ Not relevant
----------	----------------

4.12.5 - Hyper-abundant species

Relevant	✕ Not relevant
----------	----------------

4.12.6 - Modified genetic material

Relevant	✕ Not relevant
----------	----------------

4.12.7 - Please comment as necessary on how the factors selected as relevant in 4.12 are affecting the property either negatively or positively

Non-native species (plants and pests) require constant intervention to protect the integrity of the historic cultural landscape and acequia systems as they negatively affect the property.

4.13. Management and institutional factors

4.13.1 - Management system/Management plan

✕ Relevant					Not relevant		
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕	✕	✕	✕	✕			
 Negative							

4.13.2 - Legal framework

✕ Relevant					Not relevant		
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕	✕	✕	✕	✕			
 Negative							

4.13.3 - Governance

✕ Relevant					Not relevant		
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕	✕		✕	✕			
 Negative							

4.13.4 - Management activities

✕ Relevant					Not relevant		
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕	✕	✕	✕	✕			
 Negative							

4.13.5 - Financial resources

✕ Relevant					Not relevant		
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕	✕	✕	✕	✕			
 Negative ✕	✕	✕	✕				

4.13.6 - Human resources

✕ Relevant					Not relevant		
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕	✕	✕	✕	✕			
 Negative ✕	✕	✕					

4.13.7 - Low impact research/monitoring activities

✕ Relevant					Not relevant		
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕	✕	✕	✕	✕			
 Negative							

4.13.8 - High impact research/monitoring activities

Relevant

✕ Not relevant

4.13.9 - Please comment as necessary on how the factors selected as relevant in 4.13 are affecting the property either negatively or positively

The collaborative framework among the San Antonio Missions World Heritage Site partners, including the management plan and its implementation as well as active monitoring and research are all having significant positive affects on the property and ensuring site protection even in the urban immersed environment.

4.14. Other factor(s)

4.14.1 - Other factor(s)


4.15. Factors Summary Table

4.15.1 - Factors Summary Table

Name	Impact			Origin		Trend
4.1 Buildings and Development						
4.1.1 Housing						
	⊖	⚠			↻	↗
4.1.2 Commercial development						
	⊖	⚠			↻	↗
4.1.3 Industrial areas						
	⊖	⚠	⚠		↻	↗
4.1.4 Major visitor accommodation and associated infrastructure	⊕	⚠	⚠	⊙	↻	↗
	⊖	⚠	⚠		↻	↗
4.1.5 Interpretative and visitation facilities	⊕	⚠	⚠	⊙	↻	↗
4.2 Transportation Infrastructure						
4.2.1 Ground transport infrastructure	⊕	⚠		⊙	↻	↗
	⊖	⚠			↻	→
4.2.3 Air transport infrastructure	⊕	⚠	⚠		↻	↗
	⊖	⚠	⚠	⊙	↻	→
4.2.5 Effects arising from use of transportation infrastructure						
	⊖	⚠		⊙		↗
4.3 Services Infrastructures						
4.3.1 Water infrastructure	⊕	⚠		⊙		→
	⊖	⚠	⚠	⊙	↻	↗
4.3.3 Non-renewable energy facilities						
	⊖	⚠	⚠		↻	↗
4.3.4 Localised utilities						
	⊖	⚠	⚠	⊙	↻	↗
4.3.5 Major linear utilities						
	⊖	⚠	⚠	⊙	↻	↗
4.4 Pollution						
4.4.2 Ground water pollution						
	⊖	⚠	⚠		↻	↗
4.4.3 Surface water pollution						
	⊖	⚠	⚠		↻	↗
4.4.4 Air pollution						

4.4.5 Solid waste						
4.4.6 Input of excess energy						
4.5 Biological resource use/modification						
4.5.1 Fishing/collecting aquatic resources						
4.5.3 Land conversion						
4.5.5 Crop production						
4.5.7 Subsistence wild plant collection						
4.6 Physical resource extraction						
4.6.3 Oil and gas						
4.7 Local conditions affecting physical fabric						
4.7.1 Wind						
4.7.2 Relative humidity						
4.7.3 Temperature						
4.7.4 Radiation/Light						
4.7.5 Dust						
4.7.6 Water (rain/water table)						
4.7.7 Pests						
4.7.8 Micro-organisms						
4.8 Social/Cultural uses of heritage						
4.8.1 Ritual/Spiritual/Religious and associative uses						
4.8.2 Society's valuing of heritage						
4.8.3 Indigenous hunting, gathering and collecting						
4.8.4 Changes in traditional ways of life and knowledge system						
4.8.5 Identity, social cohesion, changes in local population and community						





4.8.6 Impacts of tourism/Visitation/Recreation						
4.9 Other human activities						
4.9.1 Illegal activities						
4.9.2 Deliberate destruction of heritage						
4.10 Climate change and severe weather events						
4.10.1 Storms						
4.10.2 Flooding						
4.10.3 Drought						
4.10.4 Desertification						
4.10.6 Temperature change						
4.10.7 Other climate change impacts						
4.11 Sudden ecological or geological events						
4.11.5 Erosion and siltation/Deposition						
4.11.6 Fire (wildfire)						
4.12 Invasive/alien species or hyper-abundant species						
4.12.2 Invasive/Alien terrestrial species						
4.12.3 Invasive/Alien freshwater species						
4.13 Management and institutional factors						
4.13.1 Management system/Management plan						
4.13.2 Legal framework						
4.13.3 Governance						
4.13.4 Management activities						
4.13.5 Financial resources						
4.13.6 Human resources						
4.13.7 Low impact research/monitoring activities						

Legend	 Current	 Potential	 Negative	 Positive	 Inside	 Outside					



4.16. Assessment of current and potential positive and negative factors


4.16.1 - Assessment of current and potential negative and positive factors

4.1 Buildings and Development




Name	Impact			Origin		Trend
4.1.1 Housing						
						

Spatial scale - Area affected by the factor	
	Restricted
	Localised
	Extensive
	Widespread
Temporal scale - Occurence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
	Increasing

Name	Impact			Origin		Trend
4.1.2 Commercial development						
						










Spatial scale - Area affected by the factor	
	Restricted
	Localised
	Extensive

	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
✕	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact			Origin		Trend
4.1.3 Industrial areas						
						

Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity

	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.1.4 Major visitor accommodation and associated infrastructure	  	 	
	  		







Spatial scale - Area affected by the factor	
	Restricted
	Localised
✕	Extensive
	Widespread

Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
✕	Frequent
	On-going

Impact - Impact on the attributes	
	Insignificant
	Minor
✕	Significant
	Major

Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources

Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.1.5 Interpretative and visitation facilities	  	 	

Spatial scale - Area affected by the factor	
	Restricted
	Localised
✕	Extensive
	Widespread











Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
✕	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

4.2 Transportation Infrastructure

Name	Impact	Origin	Trend
4.2.1 Ground transport infrastructure	<div>+</div> <div>+</div> <div></div>	<div>+</div> <div>+</div> <div></div>	<div>+</div> <div>+</div> <div></div>
	<div>-</div> <div>+</div> <div></div>	<div></div> <div>+</div> <div></div>	<div></div> <div>+</div> <div></div>

Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity

	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.2.3 Air transport infrastructure	  		
	  	 	






Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive
	Widespread

Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
✕	Frequent
	On-going

Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major

Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources

Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.2.5 Effects arising from use of transportation infrastructure	  		
	  	 	

Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive






	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

4.3 Services Infrastructures

Name	Impact	Origin	Trend
4.3.1 Water infrastructure	<div> <div>+</div> <div>🚩</div> <div></div> </div> <div> <div>-</div> <div>🚩</div> <div>🚩</div> </div>	<div> <div>📍</div> <div></div> </div> <div> <div>📍</div> <div>🔄</div> </div>	<div>→</div> <div></div> <div>↗</div>

Spatial scale - Area affected by the factor	
	Restricted
	Localised
✕	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity

✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.3.3 Non-renewable energy facilities			
	  		






Spatial scale - Area affected by the factor	
✕	Restricted
	Localised
	Extensive
	Widespread

Temporal scale - Occurrence of the impact	
✕	One off or rare
	Intermittent or sporadic
	Frequent
	On-going

Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major






Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources

Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.3.4 Localised utilities			
	     		

Spatial scale - Area affected by the factor	
	Restricted
	Localised




✕	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
✕	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact			Origin		Trend
4.3.5 Major linear utilities						
						




Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity

	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

4.4 Pollution




Name	Impact			Origin		Trend
4.4.2 Ground water pollution						
						

Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
✕	One off or rare
	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact			Origin		Trend
4.4.3 Surface water pollution						
						






Spatial scale - Area affected by the factor	
	Restricted

	Localised
✕	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
✕	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact			Origin		Trend
4.4.4 Air pollution						
						

Spatial scale - Area affected by the factor	
	Restricted
	Localised
✕	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
✕	Significant
	Major
Management response - Capacity of management to respond	





	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.4.5 Solid waste			
	  		

Spatial scale - Area affected by the factor	
	Restricted
	Localised
✕	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going

Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major

Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.4.6 Input of excess energy			
	  		

Spatial scale - Area affected by the factor	
	Restricted









✕	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

4.5 Biological resource use/modification

Name	Impact	Origin	Trend
4.5.1 Fishing/collecting aquatic resources	<div> <div>+</div> <div>🚩</div> <div></div> </div>	<div> <div>📍</div> <div></div> </div>	<div> <div>→</div> </div>
	<div> <div>-</div> <div></div> <div>🚩</div> </div>	<div> <div>📍</div> <div></div> </div>	<div> <div>→</div> </div>

Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major

Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing







Name	Impact	Origin	Trend
4.5.3 Land conversion	 		
	 		

Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive
	Widespread

Temporal scale - Occurrence of the impact	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going






Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major

Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.5.5 Crop production	  	 	

Spatial scale - Area affected by the factor	
---	--






	Restricted
✕	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
✕	One off or rare
	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact			Origin		Trend
4.5.7 Subsistence wild plant collection						

Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
✕	One off or rare
	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major

Management response - Capacity of management to respond	
<input checked="" type="checkbox"/>	High capacity
<input type="checkbox"/>	Medium capacity
<input type="checkbox"/>	Low capacity
<input type="checkbox"/>	No capacity and / or resources
Trend - Development over the last 6 years	
<input type="checkbox"/>	Decreasing
<input type="checkbox"/>	Static
<input checked="" type="checkbox"/>	Increasing

4.6 Physical resource extraction

Name	Impact			Origin		Trend
4.6.3 Oil and gas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>		

Spatial scale - Area affected by the factor	
<input type="checkbox"/>	Restricted
<input checked="" type="checkbox"/>	Localised
<input type="checkbox"/>	Extensive
<input type="checkbox"/>	Widespread
Temporal scale - Occurrence of the impact	
<input type="checkbox"/>	One off or rare
<input checked="" type="checkbox"/>	Intermittent or sporadic
<input type="checkbox"/>	Frequent
<input type="checkbox"/>	On-going
Impact - Impact on the attributes	
<input type="checkbox"/>	Insignificant
<input checked="" type="checkbox"/>	Minor
<input type="checkbox"/>	Significant
<input type="checkbox"/>	Major
Management response - Capacity of management to respond	
<input type="checkbox"/>	High capacity
<input checked="" type="checkbox"/>	Medium capacity
<input type="checkbox"/>	Low capacity
<input type="checkbox"/>	No capacity and / or resources
Trend - Development over the last 6 years	
<input type="checkbox"/>	Decreasing
<input type="checkbox"/>	Static
<input checked="" type="checkbox"/>	Increasing

4.7 Local conditions affecting physical fabric







Name	Impact	Origin	Trend
------	--------	--------	-------

4.7.1 Wind							
Spatial scale - Area affected by the factor							
	Restricted						
	Localised						
<input checked="" type="checkbox"/>	Extensive						
	Widespread						
Temporal scale - Occurrence of the impact							
	One off or rare						
<input checked="" type="checkbox"/>	Intermittent or sporadic						
	Frequent						
	On-going						
Impact - Impact on the attributes							
	Insignificant						
<input checked="" type="checkbox"/>	Minor						
	Significant						
	Major						
Management response - Capacity of management to respond							
	High capacity						
<input checked="" type="checkbox"/>	Medium capacity						
	Low capacity						
	No capacity and / or resources						
Trend - Development over the last 6 years							
	Decreasing						
	Static						
<input checked="" type="checkbox"/>	Increasing						

Name	Impact			Origin		Trend
4.7.2 Relative humidity						

Spatial scale - Area affected by the factor						
	Restricted					
<input checked="" type="checkbox"/>	Localised					
	Extensive					
	Widespread					
Temporal scale - Occurrence of the impact						
	One off or rare					
	Intermittent or sporadic					
<input checked="" type="checkbox"/>	Frequent					
	On-going					
Impact - Impact on the attributes						
	Insignificant					

	Minor
✕	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.7.3 Temperature			
			
			

Spatial scale - Area affected by the factor	
	Restricted
	Localised
	Extensive
✕	Widespread

Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
✕	Frequent
	On-going

Impact - Impact on the attributes	
	Insignificant
	Minor
✕	Significant
	Major

Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.7.4 Radiation/Light			

Spatial scale - Area affected by the factor

Restricted

Localised

✕

Extensive

Widespread

Temporal scale - Occurence of the impact

One off or rare

Intermittent or sporadic

✕

Frequent

On-going

Impact - Impact on the attributes

Insignificant

Minor

✕

Significant

Major

Management response - Capacity of management to respond

High capacity

✕

Medium capacity

Low capacity

No capacity and / or resources

Trend - Developement over the last 6 years

Decreasing

Static

✕

Increasing

Name	Impact			Origin		Trend
4.7.5 Dust						

Spatial scale - Area affected by the factor

Restricted

Localised

Extensive

✕

Widespread

Temporal scale - Occurence of the impact

One off or rare

Intermittent or sporadic

✕

Frequent

On-going

Impact - Impact on the attributes

Insignificant

Minor

✕	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Developement over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact			Origin		Trend
4.7.6 Water (rain/water table)						

Spatial scale - Area affected by the factor	
	Restricted
	Localised
	Extensive
✕	Widespread

Temporal scale - Occurence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going

Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major

Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources

Trend - Developement over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact			Origin		Trend
4.7.7 Pests						







Spatial scale - Area affected by the factor							
	Restricted						
✕	Localised						
	Extensive						
	Widespread						
Temporal scale - Occurrence of the impact							
	One off or rare						
✕	Intermittent or sporadic						
	Frequent						
	On-going						
Impact - Impact on the attributes							
	Insignificant						
	Minor						
✕	Significant						
	Major						
Management response - Capacity of management to respond							
	High capacity						
✕	Medium capacity						
	Low capacity						
	No capacity and / or resources						
Trend - Development over the last 6 years							
	Decreasing						
	Static						
✕	Increasing						

Name	Impact			Origin		Trend
4.7.8 Micro-organisms						

Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
✕	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor







✕	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

4.8 Social/Cultural uses of heritage

Name	Impact	Origin	Trend
4.8.1 Ritual/Spiritual/Religious and associative uses	  	 	

Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
✕	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
------	--------	--------	-------

4.8.2 Society's valuing of heritage						

Spatial scale - Area affected by the factor

	Restricted
	Localised
	Extensive
✕	Widespread

Temporal scale - Occurrence of the impact

	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going

Impact - Impact on the attributes




	Insignificant
	Minor
✕	Significant
	Major

Management response - Capacity of management to respond

✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources

Trend - Development over the last 6 years

	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.8.3 Indigenous hunting, gathering and collecting			

Spatial scale - Area affected by the factor

	Restricted
✕	Localised
	Extensive
	Widespread

Temporal scale - Occurrence of the impact

	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going

Impact - Impact on the attributes

✕	Insignificant
---	---------------







	Minor
	Significant
	Major
Management response - Capacity of management to respond	
<input checked="" type="checkbox"/>	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
<input checked="" type="checkbox"/>	Increasing

Name	Impact	Origin	Trend
4.8.4 Changes in traditional ways of life and knowledge system	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Spatial scale - Area affected by the factor	
	Restricted
	Localised
<input checked="" type="checkbox"/>	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
<input checked="" type="checkbox"/>	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
<input checked="" type="checkbox"/>	Significant
	Major
Management response - Capacity of management to respond	
<input checked="" type="checkbox"/>	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
<input checked="" type="checkbox"/>	Increasing

Name	Impact	Origin	Trend
4.8.5 Identity, social cohesion, changes in local population and community	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>





Spatial scale - Area affected by the factor							
	Restricted						
	Localised						
X	Extensive						
	Widespread						
Temporal scale - Occurence of the impact							
	One off or rare						
	Intermittent or sporadic						
X	Frequent						
	On-going						
Impact - Impact on the attributes							
	Insignificant						
	Minor						
X	Significant						
	Major						
Management response - Capacity of management to respond							
X	High capacity						
	Medium capacity						
	Low capacity						
	No capacity and / or resources						
Trend - Development over the last 6 years							
	Decreasing						
	Static						
X	Increasing						

Name	Impact	Origin	Trend
4.8.6 Impacts of tourism/Visitation/Recreation	  	 	

Spatial scale - Area affected by the factor	
	Restricted
	Localised
X	Extensive
	Widespread
Temporal scale - Occurence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
X	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor

✕	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Developement over the last 6 years	
	Decreasing
	Static
✕	Increasing

4.9 Other human activities

Name	Impact			Origin		Trend
4.9.1 Illegal activities						
						

Spatial scale - Area affected by the factor	
	Restricted
	Localised
✕	Extensive
	Widespread
Temporal scale - Occurence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
	Significant
✕	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Developement over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
------	--------	--------	-------

4.9.2 Deliberate destruction of heritage							
Spatial scale - Area affected by the factor							
	Restricted						
✕	Localised						
	Extensive						
	Widespread						
Temporal scale - Occurrence of the impact							
	One off or rare						
✕	Intermittent or sporadic						
	Frequent						
	On-going						
Impact - Impact on the attributes							
	Insignificant						
	Minor						
✕	Significant						
	Major						
Management response - Capacity of management to respond							
	High capacity						
✕	Medium capacity						
	Low capacity						
	No capacity and / or resources						
Trend - Development over the last 6 years							
	Decreasing						
	Static						
✕	Increasing						

4.10 Climate change and severe weather events







Name	Impact	Origin	Trend
4.10.1 Storms			
Spatial scale - Area affected by the factor			
	Restricted		
	Localised		
✕	Extensive		
	Widespread		
Temporal scale - Occurrence of the impact			
	One off or rare		
✕	Intermittent or sporadic		
	Frequent		
	On-going		
Impact - Impact on the attributes			

	Insignificant
	Minor
✕	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact			Origin		Trend
4.10.2 Flooding						

Spatial scale - Area affected by the factor	
	Restricted
	Localised
✕	Extensive
	Widespread
Temporal scale - Occurence of the impact	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
✕	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
------	--------	--------	-------

4.10.3 Drought						
						

Spatial scale - Area affected by the factor

	Restricted
	Localised
✕	Extensive
	Widespread

Temporal scale - Occurence of the impact

	One off or rare
	Intermittent or sporadic
✕	Frequent
	On-going

Impact - Impact on the attributes







	Insignificant
	Minor
✕	Significant
	Major

Management response - Capacity of management to respond

	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources

Trend - Developement over the last 6 years

	Decreasing
	Static
✕	Increasing

Name	Impact			Origin		Trend
4.10.4 Desertification						
						

Spatial scale - Area affected by the factor

	Restricted
	Localised
	Extensive
✕	Widespread





Temporal scale - Occurence of the impact

	One off or rare
	Intermittent or sporadic
✕	Frequent
	On-going

Impact - Impact on the attributes

	Insignificant
--	---------------

	Minor
✕	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact			Origin		Trend
4.10.6 Temperature change						
						

Spatial scale - Area affected by the factor	
	Restricted
	Localised
✕	Extensive
	Widespread

Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
✕	Frequent
	On-going

Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major

Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing






Name	Impact			Origin		Trend
4.10.7 Other climate change impacts						

Spatial scale - Area affected by the factor							
	Restricted						
	Localised						
✕	Extensive						
	Widespread						
Temporal scale - Occurrence of the impact							
	One off or rare						
	Intermittent or sporadic						
	Frequent						
✕	On-going						
Impact - Impact on the attributes							
	Insignificant						
✕	Minor						
	Significant						
	Major						
Management response - Capacity of management to respond							
	High capacity						
	Medium capacity						
	Low capacity						
✕	No capacity and / or resources						
Trend - Development over the last 6 years							
	Decreasing						
	Static						
✕	Increasing						

4.11 Sudden ecological or geological events

Name	Impact			Origin		Trend
4.11.5 Erosion and siltation/Deposition						
Spatial scale - Area affected by the factor						
	Restricted					
	Localised					
✕	Extensive					
	Widespread					
Temporal scale - Occurrence of the impact						
	One off or rare					
	Intermittent or sporadic					
✕	Frequent					
	On-going					
Impact - Impact on the attributes						
	Insignificant					

	Minor
✕	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.11.6 Fire (wildfire)			
			

Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing







4.12 Invasive/alien species or hyper-abundant species

Name		Impact			Origin		Trend
4.12.2 Invasive/Alien terrestrial species							
Spatial scale - Area affected by the factor							
	Restricted						
✕	Localised						
	Extensive						
	Widespread						
Temporal scale - Occurrence of the impact							
	One off or rare						
✕	Intermittent or sporadic						
	Frequent						
	On-going						
Impact - Impact on the attributes							
✕	Insignificant						
	Minor						
	Significant						
	Major						
Management response - Capacity of management to respond							
	High capacity						
✕	Medium capacity						
	Low capacity						
	No capacity and / or resources						
Trend - Development over the last 6 years							
	Decreasing						
	Static						
✕	Increasing						






Name		Impact			Origin		Trend
4.12.3 Invasive/Alien freshwater species							
Spatial scale - Area affected by the factor							
	Restricted						
✕	Localised						
	Extensive						
	Widespread						
Temporal scale - Occurrence of the impact							
	One off or rare						
✕	Intermittent or sporadic						
	Frequent						
	On-going						
Impact - Impact on the attributes							

✕	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

4.13 Management and institutional factors

Name	Impact	Origin	Trend
4.13.1 Management system/Management plan	  	 	

Spatial scale - Area affected by the factor	
	Restricted
	Localised
	Extensive
✕	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
	Significant
✕	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.13.2 Legal framework	  	 	

Spatial scale - Area affected by the factor

	Restricted
	Localised
	Extensive
✕	Widespread

Temporal scale - Occurrence of the impact

	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going

Impact - Impact on the attributes






	Insignificant
	Minor
	Significant
✕	Major

Management response - Capacity of management to respond

✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources

Trend - Development over the last 6 years

	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.13.3 Governance	 	 	

Spatial scale - Area affected by the factor

	Restricted
	Localised
	Extensive
✕	Widespread

Temporal scale - Occurrence of the impact

	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going

Impact - Impact on the attributes	
	Insignificant
	Minor
	Significant
✕	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing







Name	Impact	Origin	Trend
4.13.4 Management activities	<div> <div>+</div> <div>⬇</div> <div>⬆</div> </div>	<div> <div>⦿</div> <div>↺</div> </div>	<div> <div>↗</div> </div>

Spatial scale - Area affected by the factor	
	Restricted
	Localised
	Extensive
✕	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
	Significant
✕	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name		Impact			Origin		Trend
4.13.5 Financial resources							
Spatial scale - Area affected by the factor							
	Restricted						
	Localised						
	Extensive						
	Widespread						
Temporal scale - Occurrence of the impact							
	One off or rare						
	Intermittent or sporadic						
	Frequent						
	On-going						
Impact - Impact on the attributes							
	Insignificant						
	Minor						
	Significant						
	Major						
Management response - Capacity of management to respond							
	High capacity						
	Medium capacity						
	Low capacity						
	No capacity and / or resources						
Trend - Development over the last 6 years							
	Decreasing						
	Static						
	Increasing						

Name		Impact			Origin		Trend
4.13.6 Human resources							
Spatial scale - Area affected by the factor							
	Restricted						
	Localised						
	Extensive						
	Widespread						
Temporal scale - Occurrence of the impact							
	One off or rare						
	Intermittent or sporadic						
	Frequent						
	On-going						
Impact - Impact on the attributes							

	Insignificant
	Minor
✕	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.13.7 Low impact research/monitoring activities	  	 	

Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
✕	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

4.17. Serial inscriptions (national or transnational)

4.17.1 - If your property is a serial inscription (national or transnational) please identify which components of the property are impacted by each factor

4.18. Prediction of the state of conservation at next cycle of Periodic Reporting.

4.18.1 - Please predict what the state of conservation of each attribute will be approximately 6 years from now (at the time of the next cycle of Periodic Reporting)

	Attribute	Preserved	Compromised	Seriously compromised	Lost
4.18.1.1	Mission Valero (Alamo)	✗			
4.18.1.2	Acequia (Irrigation Systems)	✗			
4.18.1.3	Labores (Farm Fields)	✗			
4.18.1.4	Rancho de la Cabras	✗			
4.18.1.5	Mission Concepcion, Mission San Jose, Mission San Juan, Mission Espada	✗			

5. Protection and Management of the Property

5.1. Boundaries and Buffer Zones

5.1.1 - Are the boundaries of the World Heritage property adequate to maintain the property's Outstanding Universal Value?

The boundaries are **adequate to maintain** the property's Outstanding Universal Value

5.1.2 - Are the boundaries of the World Heritage property known and recognised?

The boundaries **are known** by the management authority **but are not known** by local communities/landowners

5.1.3 - Are the buffer zone(s) of the World Heritage property adequate to maintain the property's Outstanding Universal Value?

The buffer zones are **adequate** to maintain the property's Outstanding Universal Value

5.1.4 - Are the boundaries of the buffer zones known and recognised?

The buffer zones of the World Heritage property **are known and recognised** by the management authority **but are not known** by local communities/landowners

5.1.5 - Comments, conclusions and/or recommendations related to boundaries and buffer zones of the World Heritage property

5.2. Protective Measures

5.2.1 - Protective designation (legal, regulatory, contractual, planning, institutional and/or traditional).

5.2.2 - Please list any legislation and other measures (regulatory -including spatial planning- contractual, institutional or traditional) not included in 5.2.1 and indicate the category

2023 / 50 Year Title Lease Agreement / Contractual Agreement between Alamo Trust, Inc. and City of San Antonio /

5.2.3 - Is the legal framework (i.e. legislation and/or regulation including spatial planning) adequate for maintaining the Outstanding Universal Value including conditions of Integrity and/or Authenticity of the property?

The **legal framework** for maintaining of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property provides an **adequate basis for effective management and protection**

5.2.4 - Is the legal framework (i.e. legislation and/or regulation) adequate in the buffer zone for maintaining the Outstanding Universal Value including conditions of Integrity and/or Authenticity of the property?

An **adequate legal framework** in the buffer zone for maintaining the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property exists **but there are some deficiencies in implementation**

5.2.5 - Is the legal framework (i.e. legislation and/or regulation) in the broader setting of the World Heritage property adequate for maintaining the Outstanding Universal Value including conditions of Integrity and/or Authenticity of the property?

An **adequate legal framework** exists for the broader setting of the World Heritage property, **but there are some deficiencies in implementation** which undermine the maintenance of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the property

5.2.6 - Can the legal framework (i.e. legislation and/or regulation) be enforced?

There is **acceptable capacity/resources** to enforce legislation and/or regulation in the World Heritage property but some deficiencies of enforcement remain

5.2.7 - Please provide a short summary of how the legislation, including spatial planning and other regulation, works in practice

The Alamo is protected by U.S. Federal law, state laws, and City of San Antonio planning and zoning regulations. San Antonio Missions National Historical Park including the Mission complexes, acequias, labores, and Rancho de las Cabras which are all protected by U.S. Federal laws, regulations, and policies. The Mission and Mission Valero Historic Districts and World Heritage Buffer Zone provide local protections in addition to the RIO overlay, UDC, and the soon-to-be expanded MPOD.

5.2.8 - Comments, conclusions and/or recommendations about the information related to the measures taken to protect the World Heritage property

The City of San Antonio has completed mass rezoning and planning is currently updating land use. In addition to local protections listed, the City of San Antonio's Unified Development Code regulates development, property management, and land/property use. In addition, the Mission Historic District Manual was developed in 2018 with specific guidelines.

5.3. Management System/Management Plan

5.3.1 - Please check the box which most closely match the character of the governance and management system of the property

Public management system joint national/ local

If 'Other', please specify

Complex management by national, state, county, city, and church.

5.3.2 - Management System: Please indicate which of the various management tools listed below are used to help protect the property.

<input type="checkbox"/>	A statutory Management Plan or zoning plan for the property.
<input type="checkbox"/>	Other forms of statutory or non-statutory plans (e.g. strategic plans)
<input type="checkbox"/>	Traditional ways of management recognised by local communities and other specific groups
<input type="checkbox"/>	Governance mechanisms that foster and respect traditional practices, knowledge and uses of the property
<input type="checkbox"/>	Agreed 'Memorandums of Understanding' between different managing institutions, groups or others, including documents agreed with local communities for management
<input type="checkbox"/>	Mechanisms to promote equal participation among and within groups, including different levels of authority, local communities, indigenous people, women and men, and other specific groups
<input type="checkbox"/>	A framework for inclusive economic development, including equal access and distribution of resources and opportunities arising from the protection of the property
<input type="checkbox"/>	A code of practice developed by local communities or other groups
<input type="checkbox"/>	A code of practice developed by industry
<input type="checkbox"/>	An integrated management plan combining World Heritage and any other designations
<input type="checkbox"/>	A management plan
<input type="checkbox"/>	An annual work plan or business plan
<input type="checkbox"/>	A disaster, climate or conflict risk management plan
<input type="checkbox"/>	A visitor/visitation management plan
<input type="checkbox"/>	An environmental management framework
<input type="checkbox"/>	An assessment of biological and cultural diversity and ecosystem services provided by the property
<input type="checkbox"/>	A joint approach to management of cultural and natural heritage

5.3.3 - Please give a brief description of the management system currently in place at your property

The World Heritage Management Group partners operate under the umbrella of the World Heritage Site Management Plan (2015 and 2019) and numerous agreements between partner entities that pre and post-date the World Heritage inscription.

5.3.4 - Management Documents

5.3.5 - Has any use been made of the 2011 Recommendation on the Historic Urban Landscape in developing policies and best practices for the protection of this property?

Some use has been made of the 2011 Recommendation on the Historic Urban Landscape

5.3.6 - If the Historic Urban Landscape Recommendation has been used at this property, please describe briefly what has been done.

The Secretary of the Interior's Standards for Historic Preservation and the provisions of the National Historic Preservation Act, carried out by all levels of government, incorporate principles of the HUL recommendation. While the HUL is not referenced formally, it is a management tool used in the buffer zone—examples include methods of community engagement, Climate Heritage Strategies, and partnerships for economic development with EDD and with UTSA Center for Cultural Sustainability.

5.3.7 - Has any use been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property?

Some use has been made of the World Heritage Policy for Climate Change

5.3.8 - If the Climate Change policy has been used, please briefly describe what has been done along with any research on the impacts of Climate Change on the property:

The NPS Climate Change Response Strategy (2010), guides all NPS policies related to climate change including the Climate Change Action Plan (2012), Climate Change and Stewardship of Cultural Resources policy memorandum (2014), and Addressing Climate Change and Natural Hazards for Facilities policy memorandum (2015). The San Antonio City Council passed Resolution No. 2017-06-22-0031R in support of the Paris Climate Agreement and finalized "SA Climate Ready, Action and Adaptation Plan" in 2017.

5.3.9 - Has any use been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property ?

Some use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties

5.3.10 - If the Strategy for Reducing Risks from Disasters at World Heritage Properties has been used, please briefly describe what has been done

The NPS implements National Park Service Management Policies (2006) and NPS Director's Order #50C: Public Risk Management Program.

5.3.11 - Rate the coordination between the various levels of administration (i.e. national/federal; regional/provincial/state; local/municipal etc.) involved in the management of the World Heritage property

There is **adequate coordination** between all bodies/levels involved in the management of the property

5.3.12 - Is the management system/plan adequate to maintain the property's Outstanding Universal Value?

The management system/plan is **fully adequate** to maintain the property's Outstanding Universal Value

5.3.13 - Is the management system being implemented?

The management system is being **fully implemented and monitored**

5.3.14 - Is there an annual work/action plan and is it being implemented?

An annual work/action plan **exists and all of its activities are being implemented and monitored**

5.3.15 - Does the management system include formal mechanisms and procedures that ensure participation and contribution of the following groups, living within or near the World Heritage property and/or buffer zone in management decisions that maintain the Outstanding Universal Value of the property?

		Not applicable	No mechanisms for participation	Some participation	Direct participation	Transformative participation in all relevant decision processes
5.3.15.1	Local communities				✗	
5.3.15.2	Local authorities				✗	
5.3.15.3	Landowners in the property and the buffer zone				✗	
5.3.15.4	Indigenous peoples				✗	
5.3.15.5	Women				✗	
5.3.15.6	Other specific groups				✗	
	If you selected, 'Other specific groups' please specify	Mission Descendant Community				

5.3.16 - Please rate the cooperation/relationship between the World Heritage property managers/coordinators/staff and the following groups

		Not applicable	Non-existent	Poor	Fair	Good
5.3.16.1	Local communities					✗
5.3.16.2	Local/Municipal authorities					✗
5.3.16.3	Indigenous peoples					✗
5.3.16.4	Landowners					✗
5.3.16.5	Women					✗
5.3.16.6	Youth/Children					✗
5.3.16.7	Researchers					✗
5.3.16.8	Local Visitors/Tourists					✗
5.3.16.9	National/International tourists					✗
5.3.16.10	Tourism Industry					✗
5.3.16.11	Local businesses and industries					✗
5.3.16.12	NGOs					✗
5.3.16.13	Other specific groups					✗
	If you selected 'Other specific groups', please specify	Mission Descendant Community				

5.3.17 - Please rate the extent to which the management system of your property contributes towards achieving the objectives of the World Heritage Committee's Policy for the Integration of a Sustainable Development Perspective into the Processes of the *World Heritage Convention*

		Not applicable	No contribution	Limited	Significant	Full achievement
5.3.17.1	The management system of the property contributes to gender equality				✗	

5.3.17.2	The management system of the property provides ecosystem services/benefits to the local community (e.g. fresh air, water, food, medicinal plants)				×	
5.3.17.3	The management system of the property contributes to social inclusion and equity, improving opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion or economic or other status				×	
5.3.17.4	The management system of the property integrates a human rights-based approach				×	
5.3.17.5	The management system of the property contributes to fostering inclusive local economic development, and to enhancing livelihood				×	
5.3.17.6	The management system of the property contributes to conflict prevention, including respect for cultural diversity within and around the World Heritage property				×	

5.3.18 - Please provide further details on the ratings of the management system given in the table above

Numerous U.S. federal laws and NPS policies address diversity, equity, and inclusion to include NPS Director's Order #16B: Diversity in the National Park Service and NPS Director's Order #16D: Equal Employment Opportunity and Zero Tolerance of Discrimination. The State of Texas, Bexar County, and City of San Antonio have similar laws and policies in place.

5.3.19 - Comments, conclusions and/or recommendations related to the management system/plan

6. Financial and Human Resources

6.1. Funding

6.1.1 - If your funding sources do not exactly fit those shown, put the relevant amounts against the funding type that most closely represents your situation, and use the comment box below to provide more details.

		Project costs	Running costs
6.1.1.1	Multilateral funding (GEF, World Bank, etc.)	0 %	0 %
6.1.1.2	Bilateral international funding	0 %	0 %
6.1.1.3	World Heritage Fund (International Assistance)	0 %	0 %
6.1.1.4	Contribution from other conventions and programmes	0 %	0 %
6.1.1.5	International donations (NGOs, foundations, etc.)	0 %	0 %
6.1.1.6	Governmental (national/federal)	30 %	30 %
6.1.1.7	Governmental (regional/provincial/state)	30 %	30 %
6.1.1.8	Governmental (local/municipal)	10 %	10 %
6.1.1.9	In-country donations (NGOs, foundations, etc.)	30 %	30 %
6.1.1.10	Individual visitor charges (e.g. entry, toilets, parking, camping fees, etc.)	0 %	0 %
6.1.1.11	Commercial activities (e.g. merchandising and catering, filming permit, concessions, etc.)	0 %	0 %
6.1.1.12	Other	%	%
		Total 100 %	Total 100 %

6.1.2 - Please comment here on any other aspects of funding sources not covered in the table above

The World Heritage Site is owned by 6 distinct entities - each with separate funding that does NOT translate to %s: 1) FEDERAL: National Park Service, 2) STATE: Texas, 3) COUNTY: Bexar, 4) CITY: San Antonio, 5) CHURCH: Archdiocese, 6) NGO: San Antonio River Authority. Additional funds are secured from non-profits including the Alamo Trust and Remember the Alamo Foundation (Alamo), Las Misiones (Church), Mission Heritage Partners (NPS), and the San Antonio River Foundation (SARA).

6.1.3 - Is the current budget sufficient to manage the World Heritage property effectively?

The available **budget is acceptable** but **could be further improved** to fully meet the management needs

6.1.4 - Are the existing sources of funding secure and likely to remain so?

The existing sources of funding are **secure over the medium-term** and **planning is underway to secure funding over the long-term**

6.1.5 - Comments, conclusion, and/or recommendations related to finance and infrastructure

6.1.6 - Estimate the distribution of men and women involved in the management, conservation, interpretation of the World Heritage properties and the extent to which they are drawn from local communities.

		From local communities %	From elsewhere %
6.1.6.1	Men	60 %	0 %
6.1.6.2	Women	40 %	0 %
		Total 100 %	Total 0 %

6.1.7 - Are available human resources adequate to manage the World Heritage property?

Human resources **partly meet** the management needs of the World Heritage property

6.1.8 - Considering the management needs of the World Heritage property, please rate the availability of professionals in the following disciplines

Conservation	Good
Environmental sustainability	Good
Community participation and inclusion	Good
Risk preparedness	Fair
Capacity development and education	Good
Administration	Good
Research and monitoring	Fair
Awareness raising and public information/communication	Good
Marketing and promotion	Good
Interpretation	Good
Visitor management/tourism	Good
Enforcement (custodians, police)	Fair

6.1.9 - Please rate the availability of training opportunities for the management of the World Heritage property in the following disciplines

Conservation	Good
Environmental sustainability	Good
Community participation and inclusion	Good
Risk preparedness	Good
Capacity development and education	Good
Administration	Good
Research and monitoring	Good
Awareness raising and public information/communication	Good
Marketing and promotion	Good
Interpretation	Good
Visitor management/tourism	Good
Enforcement (custodians, police)	Good

6.1.10 - Has any use been made of the World Heritage Strategy for Capacity Building at the property?

No use has been made of the World Heritage Strategy for Capacity Building

6.1.11 - If the World Heritage Strategy for Capacity Building has been used, please briefly describe what has been done.

6.1.12 - Are there site-specific capacity building plans or programmes that develop local expertise and that contribute to the transfer of skills for the conservation and management of the World Heritage property?

A site-based capacity building plan or programme is in place and fully implemented; **all technical skills are being transferred** to those managing the property locally

6.1.13 - Comments, conclusions and/or recommendations related to human resources, expertise and training

7. Scientific Studies and Research Projects

7.1 - Is there adequate knowledge (scientific or traditional) about the values and attributes of the World Heritage property to support planning, management and decision-making to ensure that Outstanding Universal Value is maintained?

Knowledge about the values and attributes of the World Heritage property is **adequate**

7.2 - Is there a planned programme of research at the property which is directed towards management needs and/or improving understanding of Outstanding Universal Value?

There is a **comprehensive, integrated programme** of research, which is relevant to management needs and/or improving understanding of Outstanding Universal Value

7.3 - Are results from research programmes publicly available and disseminated?

Research results **are shared** widely **with active outreach** to local communities and national and international audiences

7.4 - Comments, conclusions and/or recommendations related to scientific studies and research projects

8. Education, Information and Awareness Building

8.1 - Please rate the awareness and understanding of the existence and justification for inscription of the World Heritage property amongst the following groups

Local communities	Fair
Local/municipal authorities	Good
Indigenous peoples	Good
Landowners	Fair
Women	Good
Youth/children	Good
Researchers	Good
Local visitors	Fair
National/international tourists	Good
Tourism industry	Good
Local businesses and industries	Fair
NGOs	Good
Other specific groups	Not applicable
If you selected 'Other specific groups', please describe	

8.2 - Does the property have a heritage education programme(s) for children and/or youth, that can contribute to a better understanding of heritage, promote diversity and foster intercultural dialogue?

There is a **planned and effective education and awareness programme** for children and youth that contributes to the protection of the World Heritage property

8.3 - Who are the target audiences for education and awareness programmes at your property?

Local communities
Local/municipal authorities
Indigenous peoples
Landowners
Women
Youth/children
Researchers
Local Visitors
National/international tourists
Tourism industry
Local businesses and industries
NGOs

8.4 - Please rate the adequacy of the following visitor facilities and services at the World Heritage property for education, information, interpretation and awareness building

Visitor centre	Good
Site museum	Good
Information booths	Good
Guided tours	Good
Trails/routes	Good
Printed information materials	Good
Online (website, social media, etc.)	Good

Transportation facilities	Fair
Other	Not needed
If 'Other' is selected, please specify	

8.5 - Comments, conclusions and/or recommendations related to education, information and awareness building

9. Visitor Management

9.1 - Please provide estimated annual visitor numbers (including national and international visitors) since the last Periodic Report

1,238,930 (NPS) / 1,335,071 (NPS) / 1,141,353 (NPS) / 1,281,121 (NPS) / 1,208,104 (NPS) /
1,429,876 (Alamo) / 1,145,743 (Alamo) / 800,459 (Alamo) / 1,349,131 (Alamo) / 1,328,491 (Alamo) /

9.2 - What information sources are used to collect visitor statistics?

Entry tickets and registries
Accommodation establishments
Transportation services
Tourism industry
Visitor surveys
Other
Digital counters.

9.3 - What is the average length stay of a visitor to the World Heritage property?

Overnight stay

9.4 - Please provide the source of information

9.5 - What is the approximate average daily visitor expenditure? (Please provide an estimated monetary figure in USD)

Overnight visitors \$445/day (Alamo data) / Day trip: \$53.67/day and Overnight: \$50.69/day (Alamo data) / Day tripper: \$42.98/day and Overnight - \$50.69/day (Alamo data) / NPS does not charge a fee. Walking around the Alamo site, entering the Alamo Church and Long Barrack is free of charge. Private guided tours \$35 - \$50.00 per person. Collection Center Admission \$10 - \$14.00 per person. Audio tour - \$10.00 per wand. Discounts available for Friends of the Alamo members, Military, First Responders, and Senior Citizens (age 65+). / NPS does not charge a fee. Day tripper: \$27.84/day and Overnight: \$72.12/day (Alamo data) / Day tripper: \$19.57/day and Overnight: \$72.12/day (Alamo data) /

9.6 - Please provide the source of information

NPS report: 1.3M visitors to San Antonio Missions National Historical Park in 2021 spent \$104M in communities near the park, supported 1,640 local jobs, with a cumulative benefit to the local economy of \$165M. Alamo Trust: 1.1M visitors to the Alamo in 2022 spent \$10.4M in the gift shop and \$2M in tour revenue. Since 2021, local economic benefit from visitors increased (Alamo 40%/NPS30%), spending increased (NPS 23%/Alamo 22%), and total jobs increased (NPS 24%/ Alamo Trust job increased 15%).

9.7 - Does the management system/plan for the World Heritage property include a strategy with an action plan to manage visitors, tourism activity and its derived economic, socio-cultural and environmental impacts?

There is a planned and **effective strategy** to manage visitors, tourism activity and its derived impacts on the World Heritage property

9.8 - Please provide any comments relating to the answer provided above in question 9.7

9.9 - Is visitor use effectively managed to maintain the Outstanding Universal Value of the property?

Visitor use of the World Heritage property is **effectively managed and does not impact its Outstanding Universal Value**

9.10 - Is the effectiveness of tourism management regularly monitored?

Yes, using a different system

If a different system, please specify

NPS, the Archdiocese, and the Alamo have distinct, separate systems.

9.11 - How does the tourism industry cooperate with the site management to improve visitor experiences and maintain the Outstanding Universal Value of the World Heritage property?

There is **good cooperation** between those responsible for the World Heritage property and the tourism industry **to present the Outstanding Universal Value and increase appreciation**

9.12 - How well is the information on the Outstanding Universal Value of the property presented and interpreted?

The Outstanding Universal Value of the property **is adequately presented and interpreted**

9.13 - At how many locations is the World Heritage emblem displayed at the property?

In **one location** and **easily visible** to visitors

9.14 - How does visitor/tourism revenue (e.g. entry charges, permits) contribute to the management of the World Heritage property?

Fees are collected, and make **some contribution** to the management of the World Heritage property

9.15 - Are there locally driven sustainable tourism initiatives?

Yes

If 'Yes', please specify

Visit San Antonio is the tourism entity.

9.16 - Are the benefits of tourism shared with local communities?

Yes

If 'Yes', please specify

Yes, as economic benefit.

9.17 - Comments, conclusions and/or recommendations related to visitation/tourism/public use of the World Heritage property

Only one plaque is at Mission San Jose. The circular emblem is on downtown and World Heritage Trail signage, as well as brochures.

10. Monitoring

10.1 - Is there a monitoring programme at the property directed towards management needs and/or towards improving the understanding of the Outstanding Universal Value?

There is a **comprehensive, integrated programme of monitoring**, which is relevant to management needs and/or improving understanding of the Outstanding Universal Value

10.2 - Is necessary information available in order to define key indicators for measuring the state of conservation and are they used in monitoring how the Outstanding Universal Value of the property is being maintained?

Information on the values of the World Heritage property is **adequate** and **key indicators have been defined but monitoring of the status of indicators could be improved**

10.3 - Are key indicators defined and in place for the following principal aspects of the property?

	Extend of indicators	Not applicable	No indicators	Indicators have been defined but are not yet in use	Indicators are in place and in use since the last Periodic Reporting cycle
10.3.1	State of conservation				✗
10.3.2	Effectiveness of the management system				✗
10.3.3	Character of governance				✗
10.3.4	Appropriate synergy with other conservation designations				✗
10.3.5	Contribution to sustainable development				✗
10.3.6	Capacity development				✗

10.4 - Please provide information on relevant key indicators adopted at the property

10.5 - Please rate the level of involvement in monitoring of the following groups:

World Heritage managers/coordinators and staff	Good
Local/municipal authorities	Good
Local communities	Good
Indigenous peoples	Good
Landowners	Fair
Women	Fair
Researchers	Good
Tourism industry	Good
Local businesses and industry	Good
NGOs	Good
Other specific groups	Not applicable
If you selected 'Other specific groups', please specify	

10.6 - Has the State Party implemented relevant recommendations arising from the World Heritage Committee?

No relevant Committee recommendations to implement

10.7 - Please provide comments relevant to the implementation of recommendations from the World Heritage Committee.

10.8 - Comments, conclusions and/or recommendations related to Monitoring

11. Identification of Priority Management Needs

11.1 - Identification of Priority Management Needs

5.1	Boundaries and Buffer Zones	
5.1.2	The boundaries of the World Heritage property are known by the management authority but are not known by local communities/landowners	
5.1.4	The buffer zones of the World Heritage property are known and recognised by the management authority but are not known and recognized by local communities/landowners	✕
5.2	Protective Measures	
5.2.4	An adequate legal framework in the buffer zone for maintaining the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property exists but there are some deficiencies in implementation	✕
5.2.5	An adequate legal framework exists for the broader setting of the World Heritage property and the buffer zone, but there are some deficiencies in implementation which undermine the maintenance of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the property	✕
5.2.6	There is acceptable capacity/resources to enforce legislation and/or regulation in the World Heritage property but some deficiencies of enforcement remain	
5.3	Management System/Management Plan	
5.3.5	Some use has been made of the Historic Urban Landscape Recommendation to develop policies and best practices for the protection of the property	
5.3.7	Some use has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property	✕
5.3.9	Some use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property	✕
6.1	Funding	
6.1.3	The available budget is acceptable but could be further improved to fully meet the management needs of the World Heritage property	
6.1.7	Human resources partly meet the management needs of the World Heritage property	
6.1.10	No use has been made of the World Heritage Strategy for Capacity Development at the World Heritage property	
10	Monitoring	
10.2	Information on the values of the World Heritage property is adequate and key indicators have been defined but monitoring of the status of indicators could be improved	

Please select 5 more issues.

☒ Please save this question to reflect changes

12. Summary and Conclusions

12.1. Summary - Factors affecting the Property

12.1.1 - Summary - Factors affecting the Property

4.3	Services Infrastructures						
4.3.4	Localised utilities	Constant vigilance and monitoring is required to protect the Spanish Colonial architecture, historic structures, and archeological resources from negative impacts caused by utility projects within the World Heritage Site buffer zone.	Ongoing review, evaluation, and issuance of permits to include Right-of-Ways, Special Use Permits, etc. by NPS, SARA, County, and City. Establishment of regular meetings with senior leadership of utility companies.	Ongoing monitoring of permits to include Right-of-Ways, Special Use Permits, etc. by NPS, SARA, County, and City to ensure utility projects remain in scope, delineate area, etc.	Ongoing related to permitting and monitoring. Regular meetings with utility companies begin in 2023.	World Heritage Site Management Group and the NPS and SARA, in particular.	None.
4.4	Pollution						

4.4.3	Surface water pollution	The water in the acequia systems is frequently polluted with storm runoff water and residential and commercial debris.	Constant vigilance is needed to monitor the presence of pollutants and rapid removal of household and commercial debris.	NPS and SARA monitor the waterways within the World Heritage Site buffer zone.	Ongoing.	World Heritage Site Management Group and the NPS and SARA, in particular.	None.
4.4.4	Air pollution	The Spanish Colonial architectural features, especially the historic structures including the Mission churches, Indigenous Quarters, etc.	Routine cyclic maintenance to clean the Spanish Colonial structures and features and targeted intervention via special projects, as needed.	The historic structures and features are constantly monitored by historic preservation professionals within the National Park Service, State of Texas (Alamo), and contractors through the Archdiocese.	Ongoing and through specific, funded projects.	National Park Service, State of Texas (Alamo), and Archdiocese.	None.
4.7	Local conditions affecting physical fabric						
4.7.3	Temperature	The Spanish Colonial historic structures and archeological features, including the cultural landscape negatively impacted due to the high temperature which is exacerbating and accelerating the rate of decay on roof materials, drying the soil, etc.	Mitigation activities include more frequent historic preservation work such as roof replacement, masonry repointing, etc.	The impacts of weather, including high temperatures on the historic structures, archeological features, and cultural landscape are monitored by the National Park Service, the State of Texas (Alamo), and the Archdiocese.	Ongoing.	National Park Service, the State of Texas (Alamo), and the Archdiocese.	None.
4.7.5	Dust	The missions' physical remains comprise a range of architectural and archaeological structures to include Spanish Colonial frescoes, all of which are affected by dust and especially the historic mission structures.	Routine cyclic maintenance to clean the Spanish Colonial structures and features and targeted intervention via special projects, as needed.	The historic structures and features are constantly monitored by historic preservation professionals within the National Park Service, State of Texas (Alamo), and contractors through the Archdiocese.	Ongoing.	National Park Service, the State of Texas (Alamo), and Archdiocese.	None.
4.9	Other human activities						
4.9.1	Illegal activities	The missions' physical remains comprise a range of architectural and archaeological structures which are regularly vandalized resulting in a loss of historic fabric and additional law enforcement staffing needs.	Enhanced law enforcement staffing capacity and prosecution of offenders by leveraging the full suite of federal, state, county, and city protection laws. Data sharing among the World Heritage Site Management Group partners to raise public awareness	Statistics documenting the number of incidents, severity, etc. used to monitor.	Ongoing.	World Heritage Site Management Group.	None.
4.10	Climate change and severe weather events						
4.10.4	Desertification	The missions' physical remains comprise a range of architectural and archaeological structures which are affected by the desertification, to include the historic cultural landscape features such as the vegetation and the acequias.	Cultural landscape management through continued restoration of native plants that are more drought tolerant and can help to stabilize the soil.	NPS conducts regular updates to the cultural landscape documentation.	Ongoing.	National Park Service and San Antonio River Authority.	None.
4.10.7	Other climate change impacts	Extreme weather events including heavy rains, flooding, high winds, etc. cause structural damage to Spanish Colonial architectural and archeological features.	Cyclic vegetation management such as tree pruning is critical to maintain the cultural landscape. Regular, routine preservation maintenance on the Spanish Colonial architectural and archeological features is critical to ensure durability.	Climate change impacts are monitored by all members of the World Heritage Site Management Group.	Ongoing.	The World Heritage Site Management Group and especially the NPS, State of Texas (Alamo), Archdiocese, and SARA.	None.

4.13	Management and institutional factors						
4.13.5	Financial resources	The six (6) entities responsible for managing the San Antonio Missions World Heritage Site receive funding through different sources and with differing responsibilities for site preservation and protection. Not all entities are sufficiently funded.	Each entity is actively working to increase funding through their respective channels.	The six (6) entities responsible for managing the San Antonio Missions World Heritage Site have different, distinct monitoring systems. Each works independently, yet in concert.	Each entity receives their financial resources on a different schedule via a different mechanism. NPS is on an annual fiscal year appropriation from the U.S. Congress.	1) FEDERAL: National Park Service, San Antonio Missions National Historical Park, 2) STATE: Texas, 3) CHURCH: Archdiocese of San Antonio, 4) CITY: City of San Antonio, 5) COUNTY: Bexar County, and 6) NGO: San Antonio River Authority.	None.
4.13.6	Human resources	Not all of the World Heritage Site Management Group partners are sufficiently staffed.	Each of the World Heritage Site Management Group partners seeking additional staffing capacity is working through their respective avenues, to include collaboration through agreements, projects, and positions as efficiencies.	Each World Heritage Site Management Group partner monitors their own staffing levels.	Ongoing.	The World Heritage Site Management Group.	None.

Summary - Factors affecting the Property **completed**

12.2. Summary - Management Needs

12.2.1 - Summary - Management Needs

5.1	Boundaries and Buffer Zones				
		Actions	Timeframe	Lead agency (and others involved)	More info / comment
5.1.4	The buffer zones of the World Heritage property are known and recognised by the management authority but are not known and recognized by local communities/landowners	The World Heritage Site Management Group meets regularly and is increasing outreach to communicate about the buffer zone and site protections to nearby property owners, neighbors, developers, etc. and a 2024 annual workplan will be developed.	The City's World Heritage Festival will include information about the buffer zone. NPS will be meeting with easement holders in 2024. World Heritage Site Management Group partners are organizing a community wide acequia clean up in 2024.	World Heritage Site Management Group.	None.
5.2	Protective Measures				
5.2.4	An adequate legal framework in the buffer zone for maintaining the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property exists but there are some deficiencies in implementation	Development encroachment outside the boundaries of the National Park Service unit and the Alamo could be improved via processes and enforcement of City of San Antonio ordinances.	Underway.	City of San Antonio.	None.
5.2.5	An adequate legal framework exists for the broader setting of the World Heritage property and the buffer zone, but there are some deficiencies in implementation	The World Heritage Site law enforcement entities (NPS, County, and City) work diligently in the application of federal, state, county, and city laws to protect the people and property, however enforcement is limited due to staffing capacity.	NPS has added additional law enforcement ranger in FY23. Law enforcement entities of the World Heritage Site Management Group are actively collaborating to enhance site protections through law enforcement.	National Park Service, Bexar County Sheriff, San Antonio Police Department, Alamo Rangers.	None.

	which undermine the maintenance of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the property				
5.3	Management System/Management Plan				
5.3.7	Some use has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property	The World Heritage Site Management Group members are working their respective policies and best practices for protection of the property to address climate change.	Ongoing.	The World Heritage Site Management Group.	The Natinal Park Service has its own climate change adaptation policies.
5.3.9	Some use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property	The World Heritage Site Management Group members are working their respective policies and best practices for protection of the property to reduce risks from disasters.	Ongoing.	The World Heritage Site Management Group.	None.
5.3.17		Federal, state, and local laws are in place to address justice, equity, diversity, and inclusion. World Heritage Site Management Group entities each have their own supplemental policies and guidance.	Ongoing.	The World Heritag Site Management Group.	None.

Summary - Management Needs completed

12.3. Conclusions on the State of Conservation of the Property

12.3.1 - Following the analysis undertaken for this report, what is the current state of Authenticity of the World Heritage property?

The Authenticity of the World Heritage property **has been preserved**

12.3.2 - Following the analysis undertaken for this report, what is the current state of Integrity of the World Heritage property?

The Integrity of the World Heritage property is **intact**

12.3.3 - Following the analysis undertaken for this report, what is the current state of the World Heritage property's Outstanding Universal Value?

The World Heritage property's Outstanding Universal Value has been **maintained**.

12.3.4 - What is the current state of the property's other values?

Other important cultural and/or natural values and the state of conservation of the World Heritage property are **intact**

12.3.5 - Comments, conclusions and/or recommendations related to the state of conservation of the property.

Through the active collaboration among the San Antonio Missions World Heritage Site Management Group, San Antonio Missions World Heritage Site including the OUV continues to be intact and protected. As an urban immersed site in the 7th largest city of the U.S., the zoning restrictions, historic district guidelines, and partnerships among law enforcement and with the local community continue to be essential for the conservation of the site in perpetuity in the face of myriad pressures.

13. Impact of World Heritage Status

13.1 - Please rate the impacts of World Heritage status of the property in relation to the following areas

Conservation	Positive
Research and monitoring	Positive
Management effectiveness	Positive
Quality of life for local communities and indigenous peoples	Positive
Recognition	Positive
Education	Positive

Infrastructure development	Positive
Funding for the property	No impact
International cooperation	No impact
Political support for conservation	Positive
Legal/Policy framework	Positive
Advocacy	Positive
Institutional coordination	Positive
Security	No impact
Gender equality	No impact
Provision of ecosystem services/ benefits to local communities	Positive
Social inclusion and equity, and improvement of opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion, or economic or other status	No impact
Fostering inclusive local economic development and enhancing livelihood	Positive
Contributing to conflict prevention, including respect for cultural diversity within and around heritage properties	No impact
Other	Not applicable
If 'Other', please specify	

13.2 - Comments, conclusions and/or recommendations related to World Heritage status and its impacts

14. Good Practice in the Implementation of the World Heritage Convention

14.1 - Example of good practice in World Heritage protection, identification, conservation or management at the property level

The National Park Service, San Antonio Missions National Historical Park led the inaugural U.S. World Heritage Site Managers Forum in 2022 in collaboration with USICOMOS/World Heritage USA. The six (6) distinct entities of the San Antonio Missions World Heritage Site Management Group presented during multiple sessions: 1) FEDERAL: National Park Service, San Antonio Missions National Historical Park, 2) STATE: State of Texas, 3) COUNTY: Bexar County, 4) CITY: City of San Antonio, 5) CHURCH: Archdiocese of San Antonio, 6) NGO: San Antonio River Authority. The Forum was a good practice to highlight the positive coordination under the umbrella of San Antonio Missions World Heritage Site. Beginning in 2020, the World Heritage Site Management Group has also published a public facing San Antonio Missions World Heritage Site Annual Accomplishment report to increase transparency and communication about the successes and challenges of World Heritage Site management - each report is available on the National Park Service, San Antonio Missions National Historical Park website.

14.2 - Define which topics are covered by this example of best practice at the property level

Sustainable Development
Synergies
State of Conservation
Management
Governance
Capacity Building

15. Assessment of the Periodic Reporting Exercise

15.1. Relevance of Periodic Reporting

15.1.1 - Has the Periodic Reporting process improved the understanding of the following?

The <i>World Heritage Convention</i>
The concept of Outstanding Universal Value
The property's Outstanding Universal Value
The concept of Integrity and/or Authenticity
The property's Integrity and/or Authenticity
Management effectiveness to maintain the Outstanding Universal Value
Monitoring and reporting

15.1.2 - Please rate the follow-up to conclusions and recommendations from previous Periodic Reporting exercise by the following entities

State Party	Not needed
Site Managers	Not needed

UNESCO World Heritage Centre	Not needed
Advisory Bodies (ICOMOS, IUCN, ICCROM)	Not needed

15.2. Use of Data

15.2.1 - How do the authorities in charge of the property plan to use the data recorded from this cycle of Periodic Reporting?

Revision of priorities/strategies/policies for the protection, management and conservation of heritage
Update of management plans
Fundraising
Awareness raising
Advocacy

15.2.2 - Comments on use of data from the Cycle of Periodic Reporting

This was the first reporting cycle for San Antonio Missions World Heritage Site. Because the site is managed by six (6) different entities, the group requests multiple sign-ons (one for each entity) for future reporting cycles.

15.3. Timing and resources

15.3.1 - Entities involved in the filling out of this online questionnaire (tick as many boxes as applicable)

Governmental institutions responsible for cultural and natural heritage
Site Manager/Coordinator World Heritage property staff
Non-Governmental Organizations

15.3.2 - Has a gender balanced contribution and participation been considered in the filling out of this questionnaire?

Gender balance has been **given limited consideration** and implementation is in process.

15.3.3 - Were you given adequate time (i.e. roughly ten months) to gather necessary information and to fill in this questionnaire?

No

15.3.4 - Please estimate the time (working hours) needed to complete this questionnaire

200 / 30 / 40 /

15.3.5 - Did you mobilise any additional resources to fill out this questionnaire?

	Additional resources	No	Yes
15.3.5.1	Human resources	×	
15.3.5.2	Financial resources for organizing consultation meetings/ training	×	

15.4. Format and content of the Periodic Report

15.4.1 - How accessible was the information required to complete this questionnaire?

Most required information was accessible.

15.4.2 - Was the questionnaire easy to use and clear to understand?

		Very Difficult	Difficult	Easy	Very easy
15.4.2.1	Ease of use of questionnaire			×	
15.4.2.2	Clarity of questions		×		

15.4.3 - Please provide suggestions for improvement of the Periodic Reporting questionnaire

For sites with multiple responsible management parties, please include a separate log-on to the system for periodic reporting. Please also consider a public facing opportunity at the State Party level for constituent communities to provide input from their perspective.

15.5. Training and Guidance

15.5.1 - Please rate the level of support in terms of training and guidance from the following entities in completing this questionnaire

UNESCO World Heritage Centre	Good
UNESCO (other sectors/field offices)	Not applicable
UNESCO National Commission	Not applicable
ICOMOS International	No support
IUCN International	No support
ICCROM international/regional	No support

ICOMOS national/regional	Fair
IUCN national/regional	No support

15.5.2 - Please rate the level of support for completing the Periodic Reporting questionnaire from the following entities

UNESCO World Heritage Centre	Not applicable
State Party Representative (national Focal Point)	Poor
UNESCO other sectors (e.g. field office)	No support
National Commission for UNESCO	Not applicable
ICOMOS International	No support
ICCROM International/regional	No support
ICOMOS national/regional	Fair
IUCN national/regional	No support
IUCN International	No support

15.5.3 - Were the online training resources prepared by the World Heritage Centre regarding Periodic Reporting adequate for you to complete this questionnaire?

No

15.5.4 - If you found that the online training resources were not adequate, what changes would you like to see implemented?

The U.S. World Heritage Site Managers Forum held in October 2022 in conjunction with US/ICOMOS (dba World Heritage USA) provided an opportunity for the NPS Office of International Affairs (OIA) to deliver an overview/training session on Periodic Reporting and the NPS OIA offered subsequent, recorded online trainings. Significant gaps exist for sites with multiple property owners and divergent and subjective opinions about how many Factors Affecting the Property are appropriate to include.

15.6. Actions that will require formal consideration by the World Heritage Committee

15.6.1 - Summary of actions that will require formal consideration by the World Heritage Committee

No item were proposed for update

15.7. Comments, conclusions and/or recommendations related to the Assessment of the Periodic Reporting Exercise

15.7.1 - Comments, conclusions and/or recommendations related to the Assessment of the Periodic Reporting Exercise

15.7.2 - Thank you for having filled in all the questions. Please contact your National Focal Point for validation.