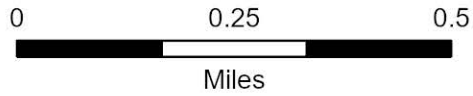




Guahan 2050

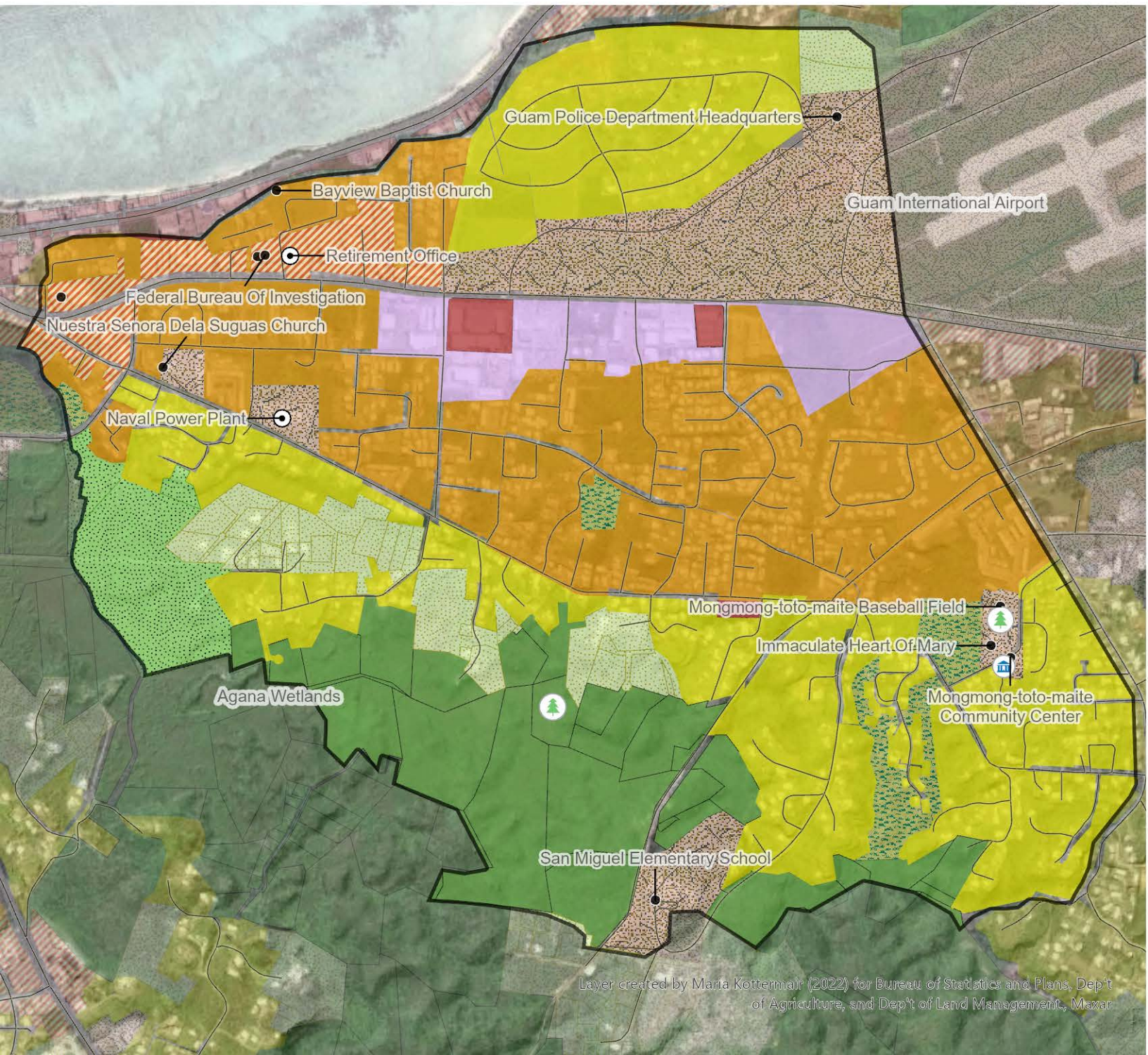
Village of Mongmong-To'to-Maite': Land Use and Community Features



Guahan 2050 Land Use

- Resource Conservation
- Parks, Recreation, and Open Space
- Agriculture
- Rural Lands
- Single-Family Dwelling
- Multiple-Family Dwelling
- Planned Unit Development
- Mixed Use
- Commercial
- Resort-Hotel

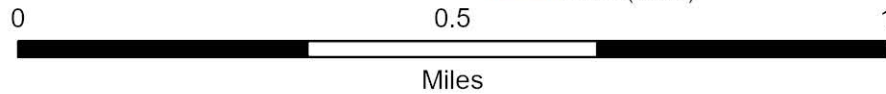
- Public Facility and Civic Uses
- Light Industrial
- Heavy Industrial
- Federal-Military
- Forest System Inventory (Green Space, Parks, and Conservation)
- Rivers and Streams
- Mayors Office
- Village Features
- Government Facilities
- Village Boundary



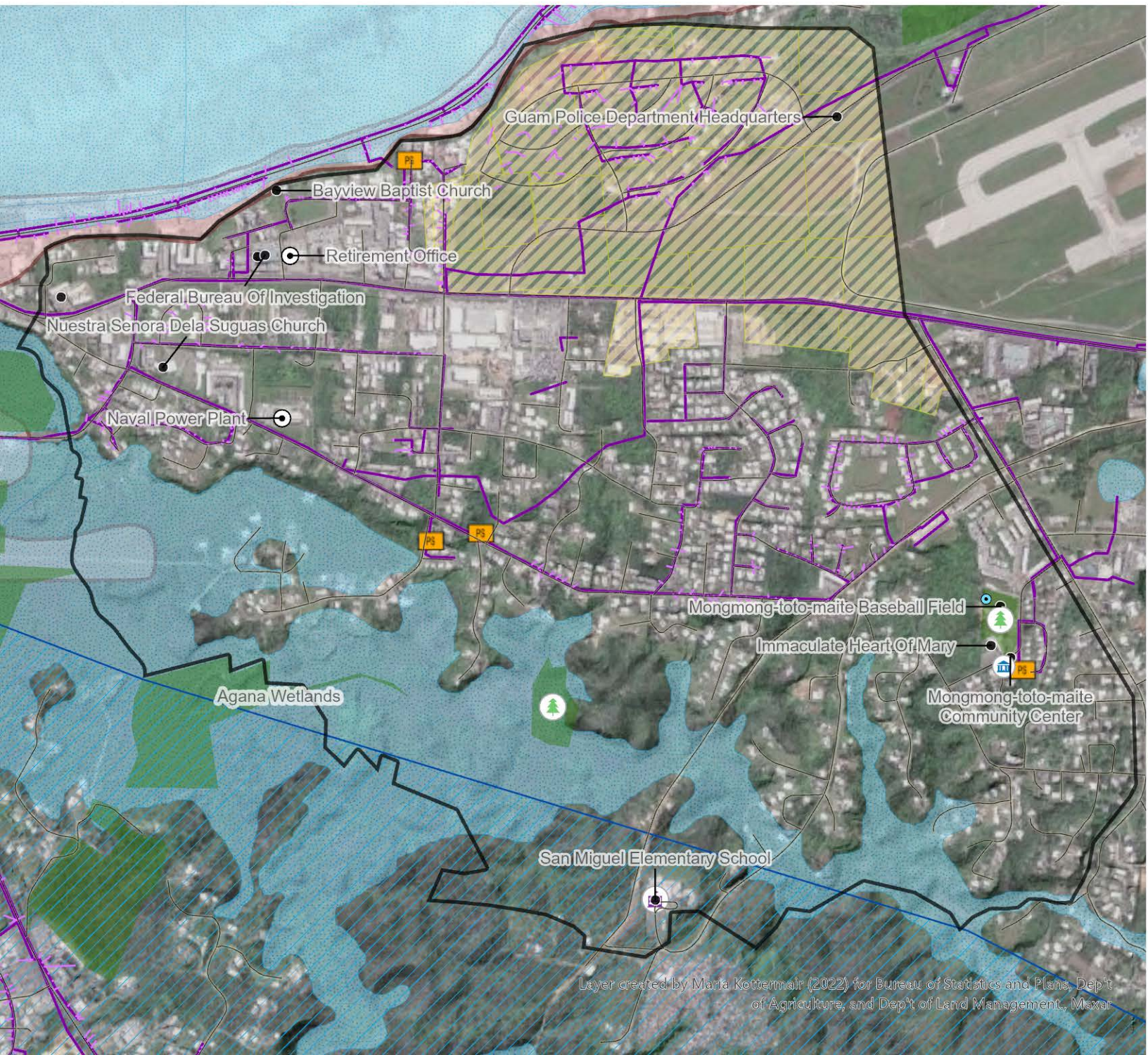


Guahan 2050

Land Use Planning for Mongmong-To'to-Maite': Opportunities and Constraints



- | | |
|--|-------------------------|
| Forest System Inventory (Green Space, Parks, and Conservation) | Production Well |
| Rivers and Streams | Pump Station |
| Mayors Office | Sewer Lateral |
| Village Features | Sewer Main |
| Government Facilities | Public_Schools |
| Village Boundary | CHamoru Land Trust |
| Guam Forest System Inventory | Ancestral Lands |
| Ground Water Protection Zone (1997) | FEMA Flood Zone |
| | Tsunami Evacuation Zone |



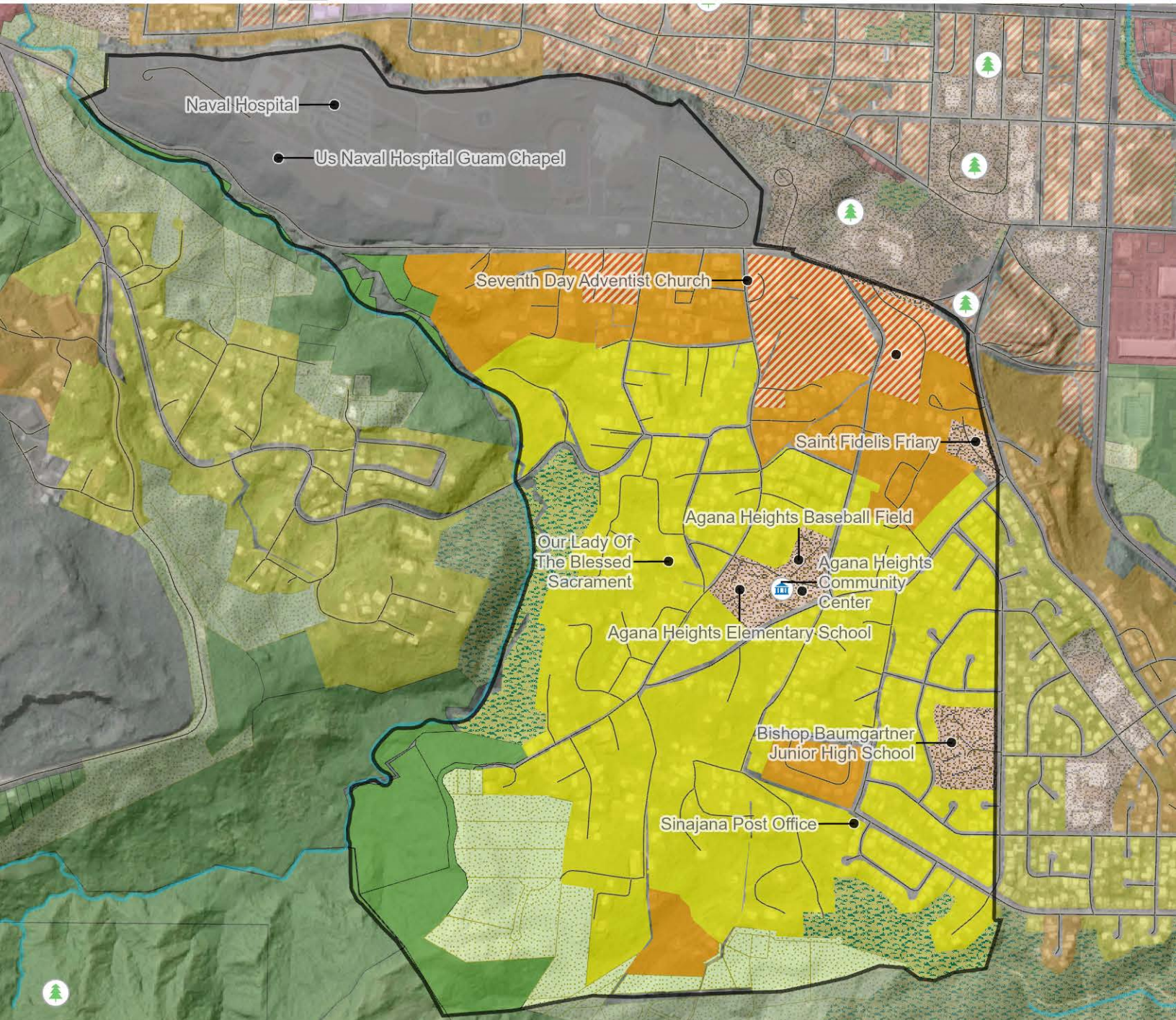
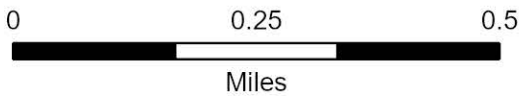
- Guahan 2050 Land Use
- Resource Conservation
 - Parks, Recreation, and Open Space
 - Agriculture
 - Rural Lands
 - Single-Family Dwelling
 - Multiple-Family Dwelling
 - Planned Unit Development
 - Mixed Use
 - Commercial
 - Resort-Hotel

- Public Facility and Civic Uses
- Light Industrial
- Heavy Industrial
- Federal-Military
- Forest System Inventory (Green Space, Parks, and Conservation)
- Rivers and Streams
- Mayors Office
- Village Features
- Government Facilities
- Village Boundary



Guahan 2050

Village of Agana Heights: Land Use and Community Features



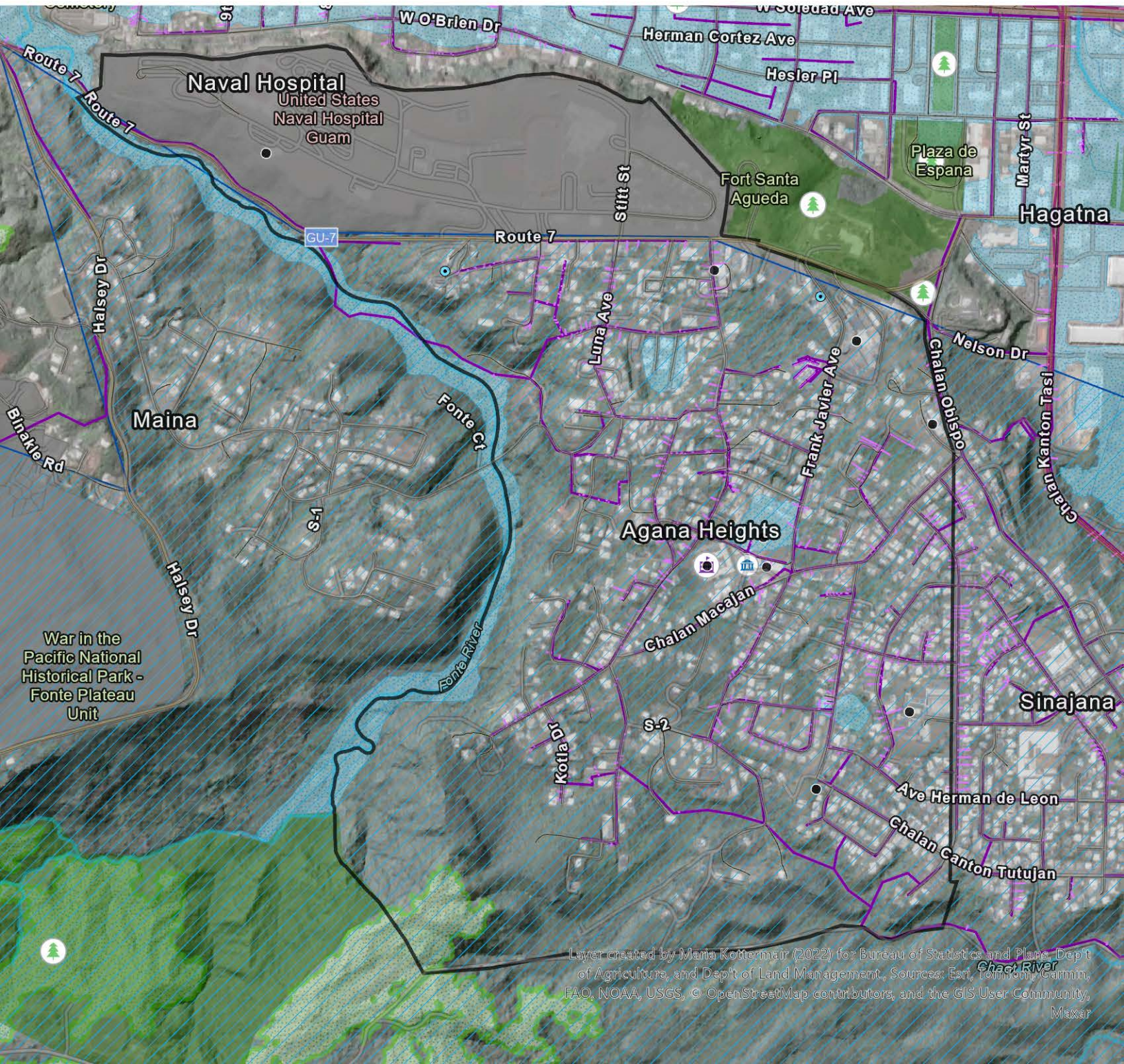
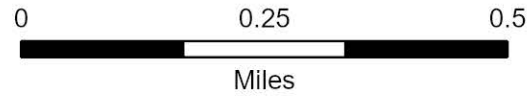
Layer created by Maria Kotterman (2022) for Bureau of Statistics and Plans, Dep't of Agriculture, and Dep't of Land Management, Mazar

- Forest System Inventory (Green Space, Parks, and Conservation)
- Rivers and Streams
- Mayors Office
- Village Features
- Government Facilities
- Village Boundary
- Guam Forest System Inventory
- Ground Water Protection Zone
- Production Well
- Pump Station
- Sewer Lateral
- Sewer Main
- Public_Schools
- FEMA Flood Zone
- Guam HCP - Key Habitat Type
- Federally Managed Land



Guahan 2050

Land Use Planning for Agana Heights: Opportunities and Constraints



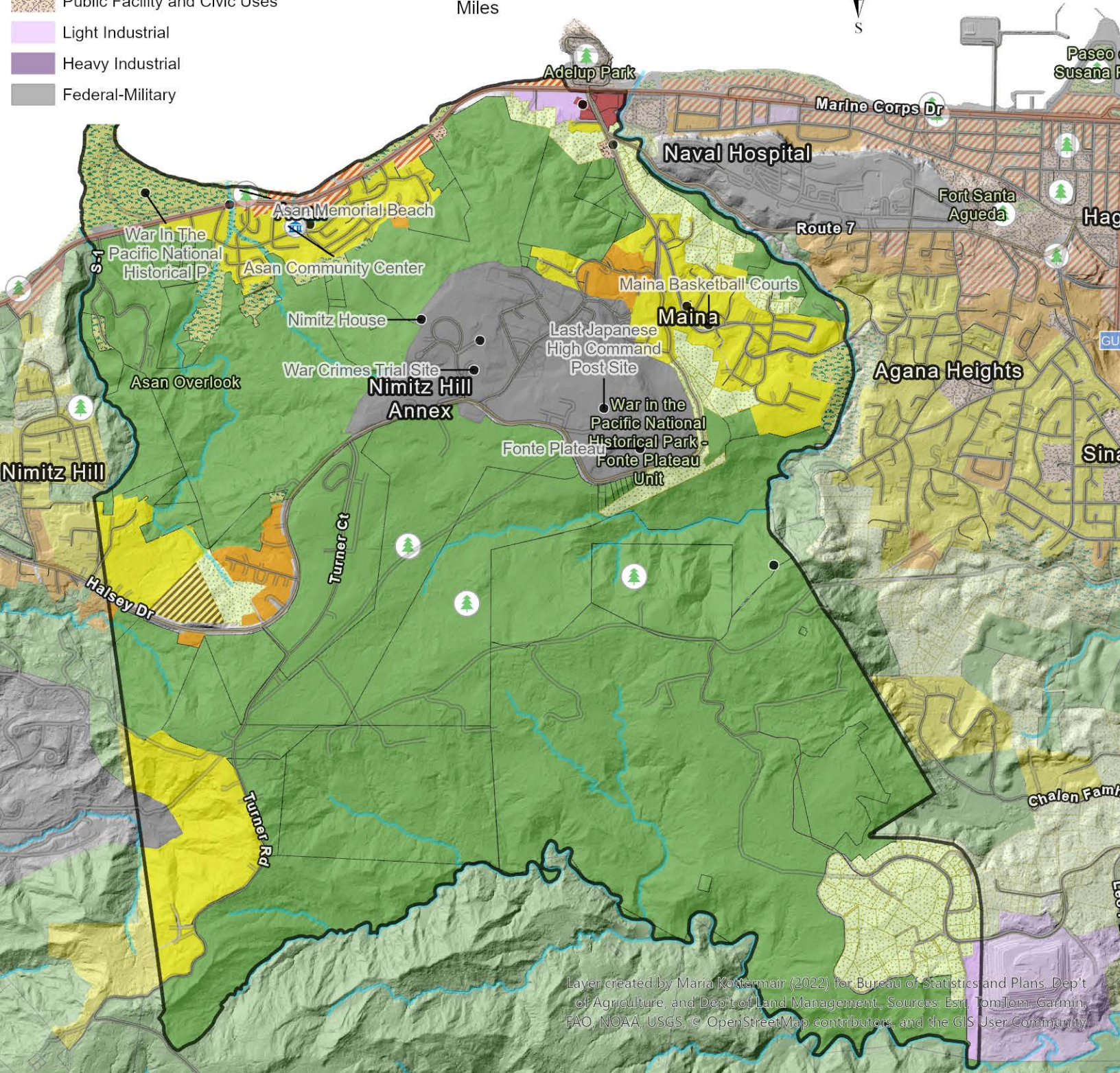
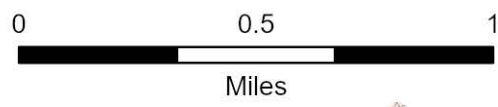
- Guahan 2050 Land Use**
- Resource Conservation
 - Parks, Recreation, and Open Space
 - Agriculture
 - Rural Lands
 - Single-Family Dwelling
 - Multiple-Family Dwelling
 - Planned Unit Development
 - Mixed Use
 - Commercial
 - Resort-Hotel
 - Public Facility and Civic Uses
 - Light Industrial
 - Heavy Industrial
 - Federal-Military

- Forest System Inventory (Green Space, Parks, and Conservation)**
- Rivers and Streams
 - Mayors Office
 - Village Features
 - Government Facilities
 - Village Boundary



Guahan 2050

Village of Asan-Maina: Land Use and Community Features



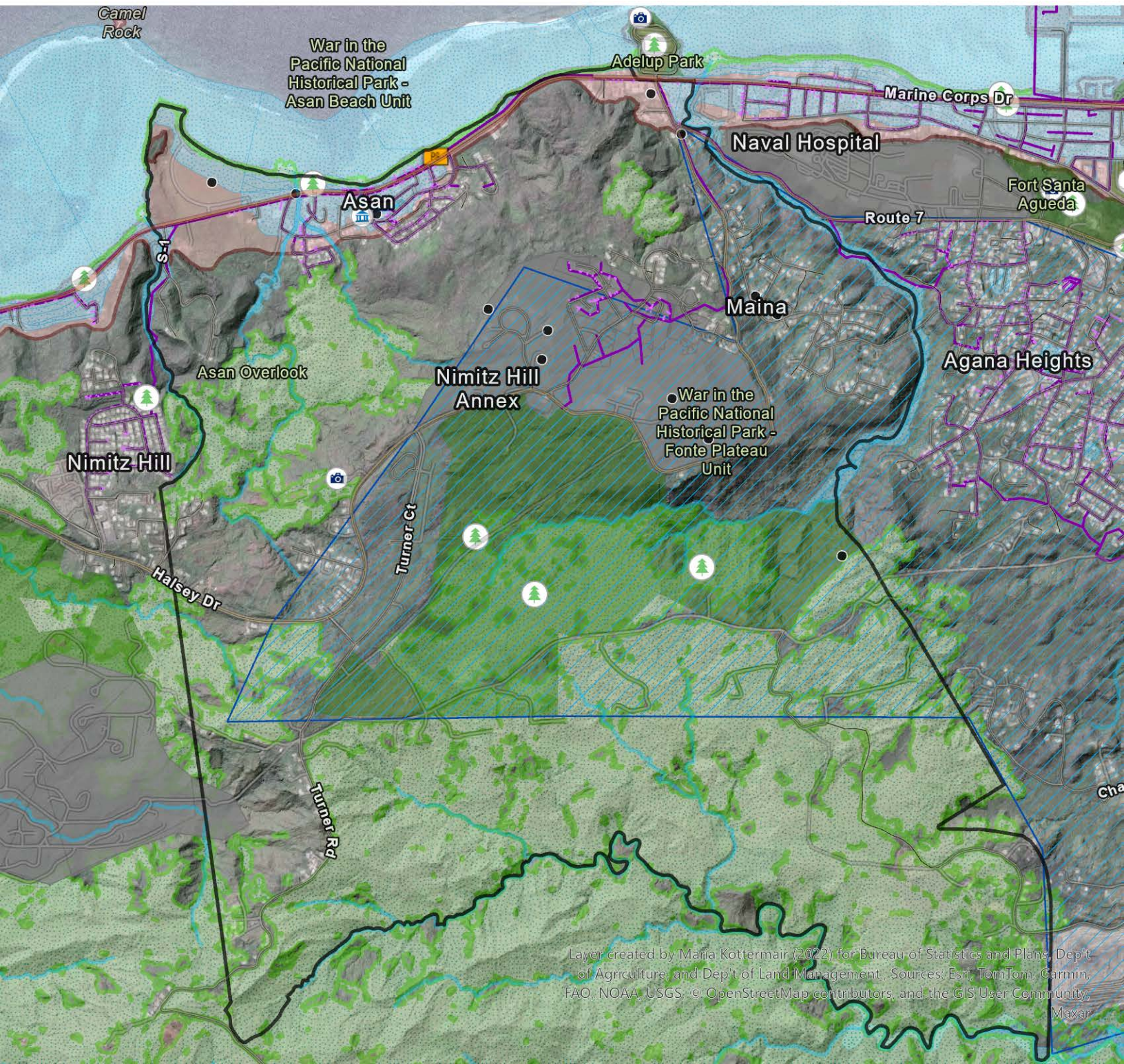
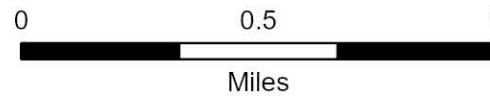
Layer created by Maria Kottermaier (2022) for Bureau of Statistics and Plans, Dep't of Agriculture, and Dep't of Land Management. Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

- Scenic Point or Viewshed
- Forest System Inventory (Green Space, Parks, and Conservation)
- Rivers and Streams
- Mayors Office
- Village Features
- Government Facilities
- Village Boundary
- Guam Forest System Inventory
- Ground Water Protection
- Production Well
- Pump Station
- Sewer Lateral
- Sewer Main
- Public_Schools
- FEMA Flood Zone
- Tsunami Evacuation Zone
- Guam HCP - Key Habitat
- Federally Managed Land



Guåhan 2050

Land Use Planning for Asan-Maina: Opportunities and Constraints



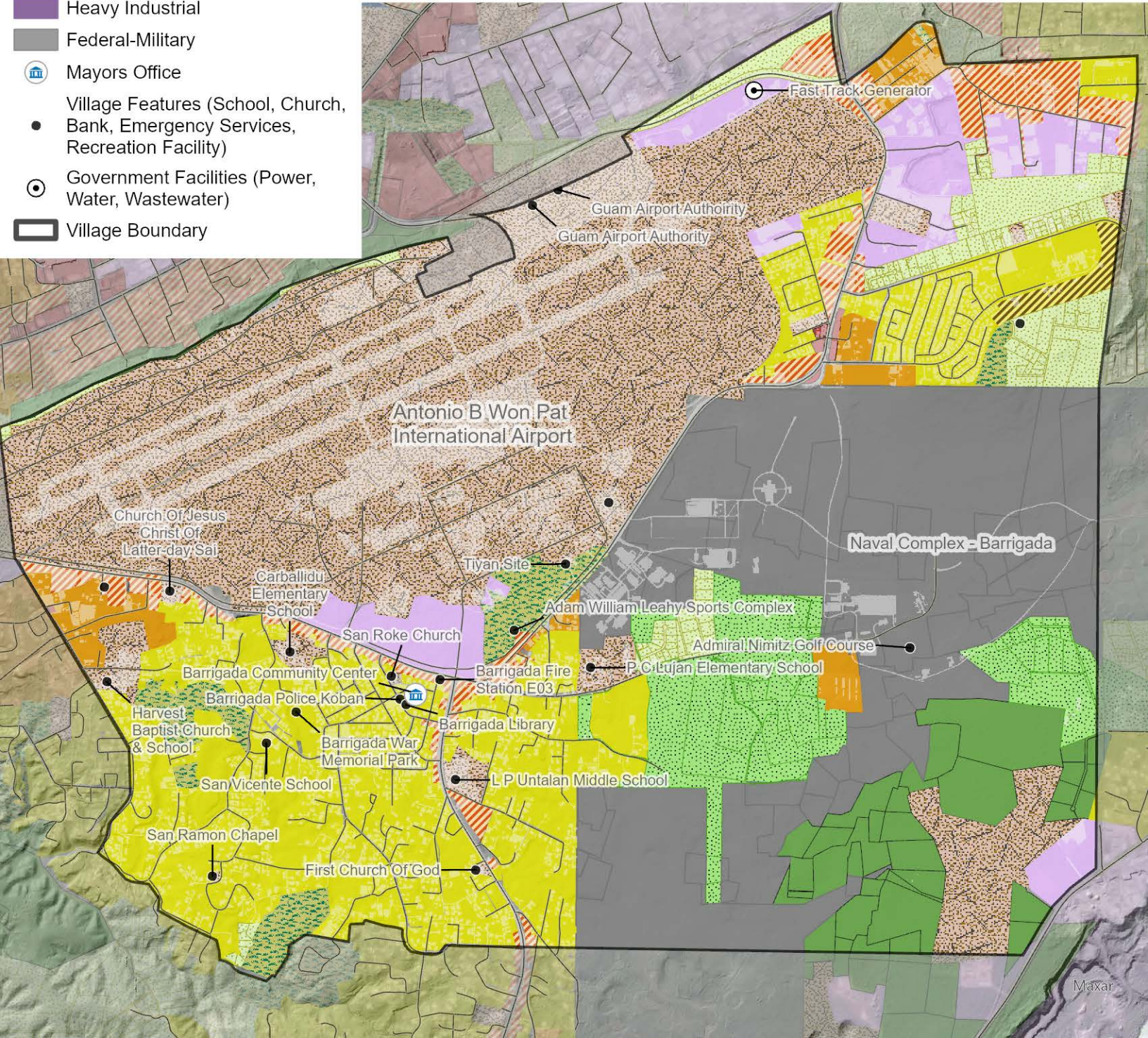
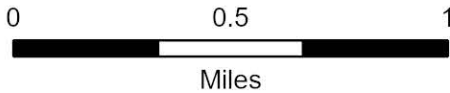
Layer created by Maria Kottermair (2022) for Bureau of Statistics and Plans, Dep't of Agriculture, and Dep't of Land Management. Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Maxar

- Resource Conservation
- Parks, Recreation, and Open Space
- Agriculture
- Rural Lands
- Single-Family Dwelling
- Multiple-Family Dwelling
- Planned Unit Development
- Mixed Use
- Commercial
- Resort-Hotel
- Public Facility and Civic Uses
- Light Industrial
- Heavy Industrial
- Federal-Military
- Mayors Office
- Village Features (School, Church, Bank, Emergency Services, Recreation Facility)
- Government Facilities (Power, Water, Wastewater)
- Village Boundary



Guahan 2050

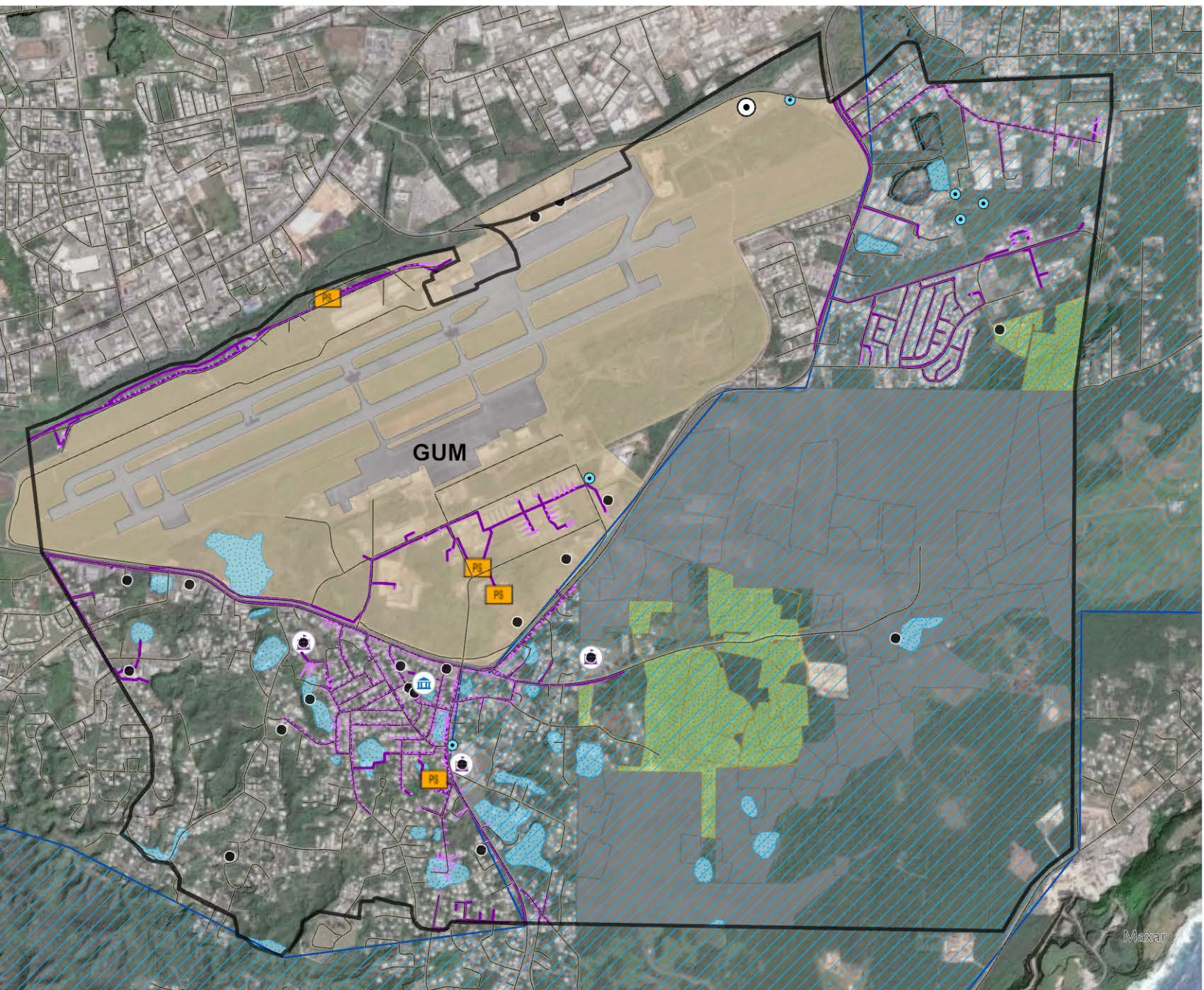
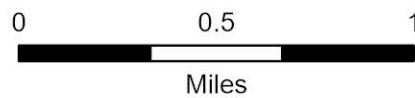
Village of Barrigada: Land Use and Community Features





Guahan 2050

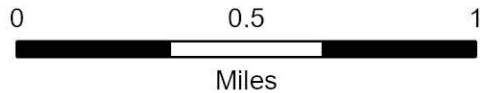
Land Use Planning for Barrigada: Opportunities and Constraints





Guahan 2050

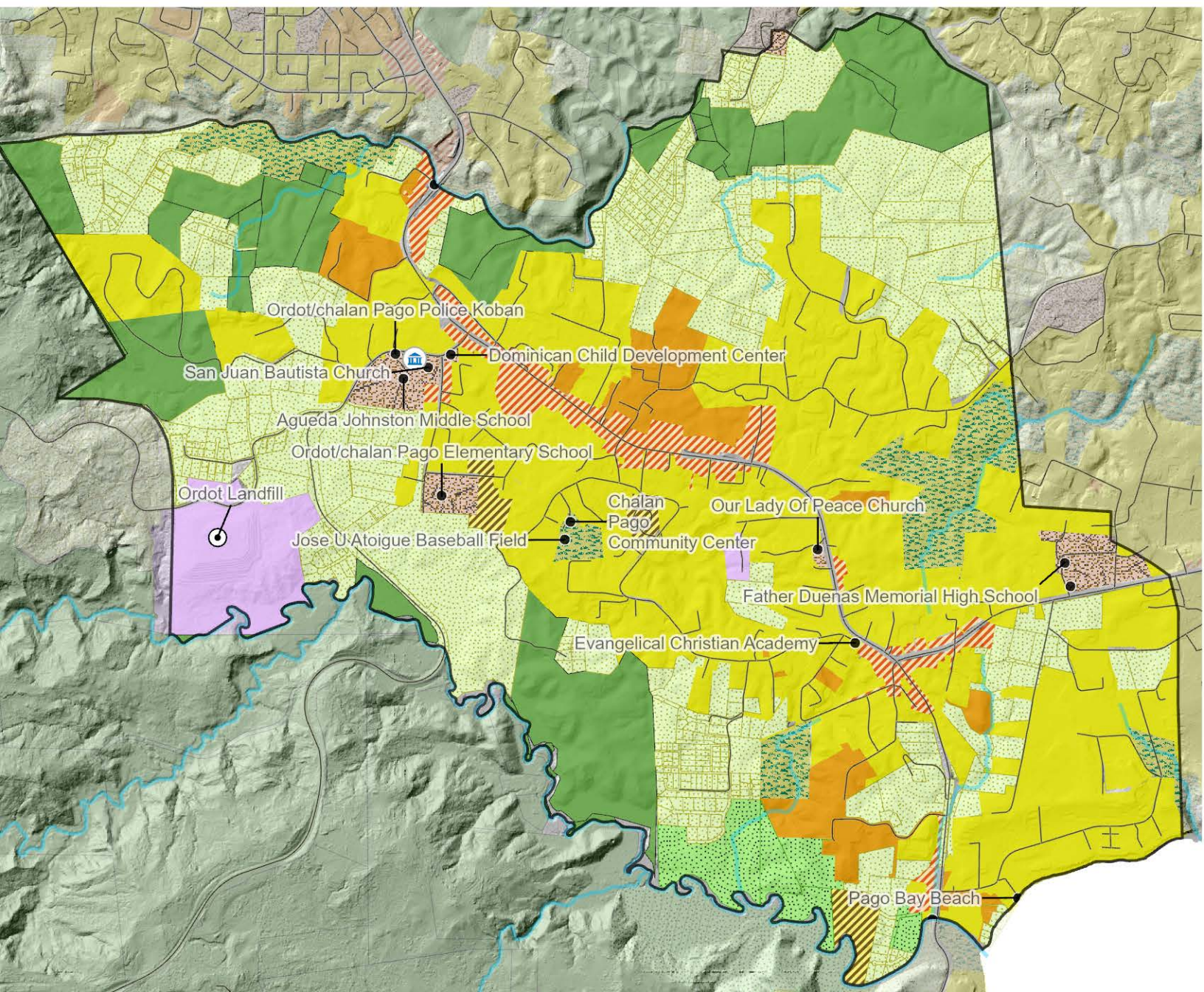
Village of Chalan Pago-Otdot: Land Use and Community Features



Guahan 2050 Land Use

- Resource Conservation
- Parks, Recreation, and Open Space
- Agriculture
- Rural Lands
- Single-Family Dwelling
- Multiple-Family Dwelling
- Planned Unit Development
- Mixed Use
- Commercial
- Resort-Hotel
- Public Facility and Civic Uses
- Light Industrial
- Heavy Industrial
- Federal-Military

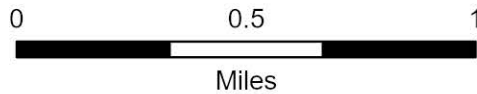
- River
- Mayors Office
- Village Features
- Government Facilities
- Village Boundary



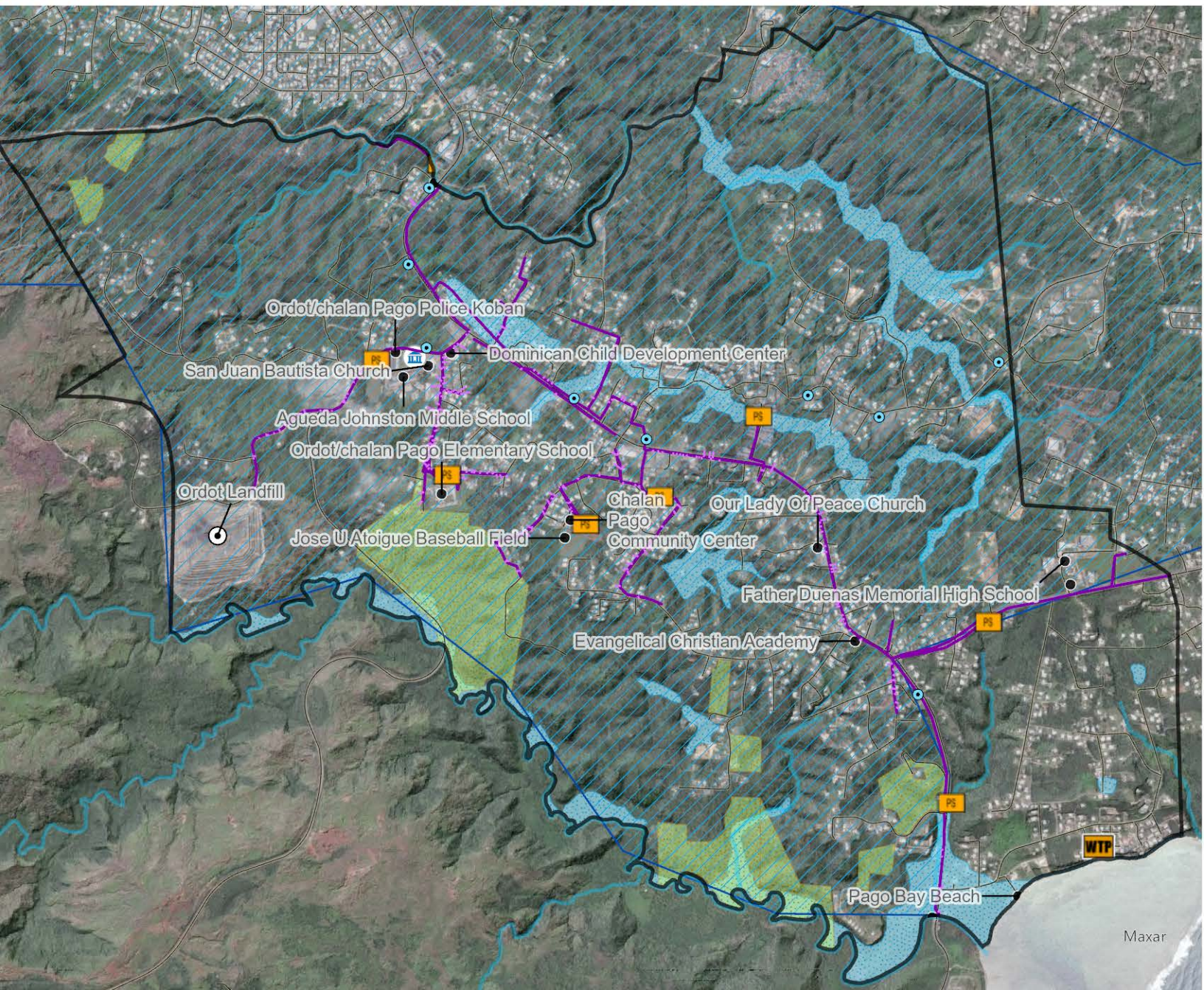


Guāhan 2050

Land Use Planning for Chalan Pago-Otdot: Opportunities and Constraints



- Rivers and Streams
- Mayors Office
- Village Features
- Government Facilities
- Village Boundary
- Ground Water Protection Zone (1997)
- Production Well
- Pump Station
- Wastewater Plant
- Sewer Lateral
- Sewer Main
- FEMA Flood Zone
- Potential Prime Agriculture Parcels





Guåhan 2050

Land Use Planning for Dededo: Opportunities and Constraints



- Public Schools
- Churches
- Mayors Office
- Forest System Inventory
- Forest System Inventory (2024)
- National Wildlife Refuge
- Ground Water Protection Zone (1997)
- Production Well
- Water Pump Station
- Sewer Line (Lateral)
- Sewer Line (Main)
- Potential Prime Agricultural Parcels
- CHamoru Land Trust Lands
- Federal Managed Lands
- Village Boundary

Data Sources

- U.S. Census Bureau 2020
- Guam Bureau of Statistics and Plans
- Guam EPA
- University of Guam WERI, GWA

Layer created by Maria Kottermann (2022) for Bureau of Statistics and Plans, Dep't of Agriculture and Dep't of Land Management. Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



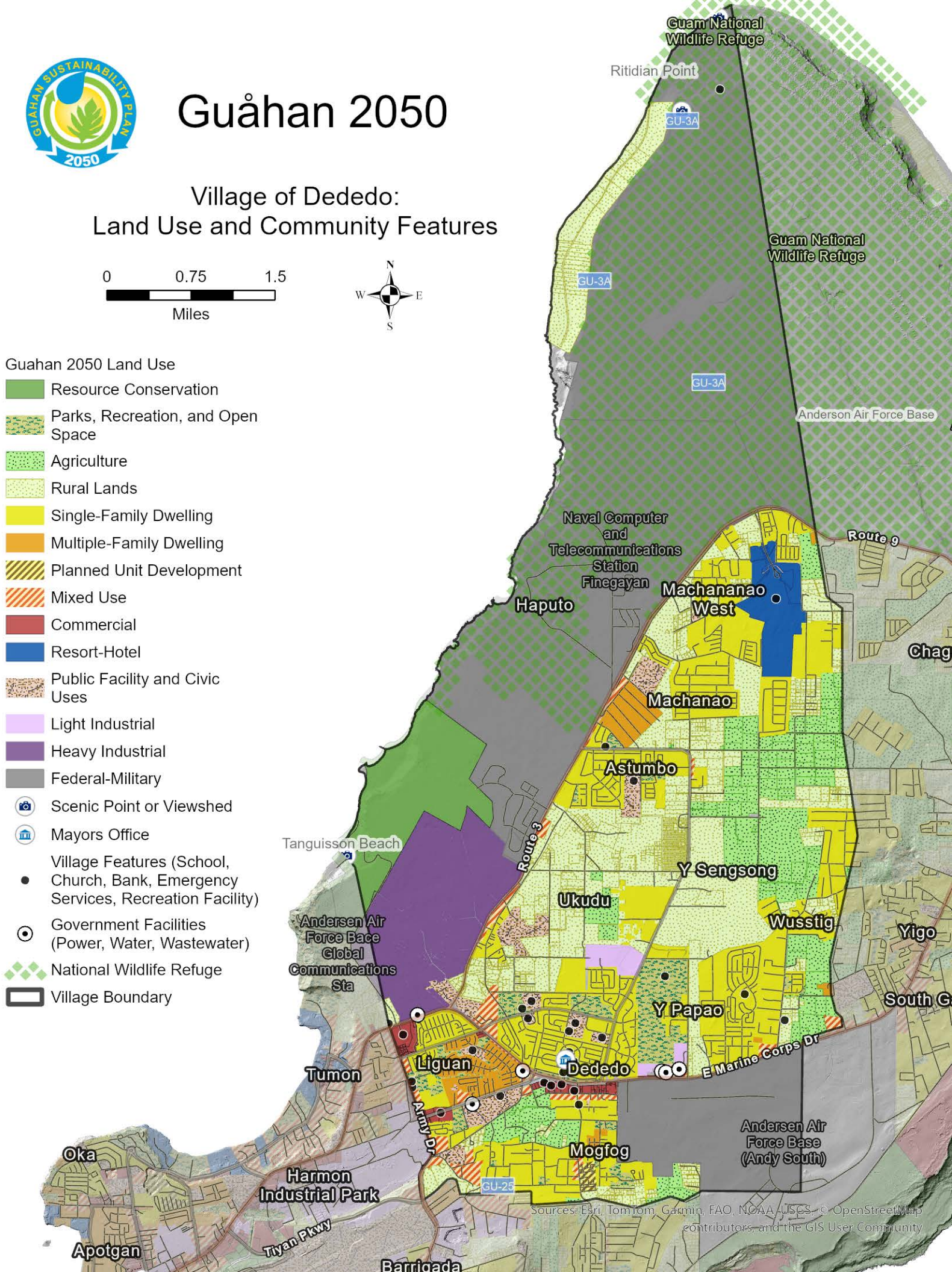
Guāhan 2050

Village of Dededo: Land Use and Community Features



Guahan 2050 Land Use

- Resource Conservation
- Parks, Recreation, and Open Space
- Agriculture
- Rural Lands
- Single-Family Dwelling
- Multiple-Family Dwelling
- Planned Unit Development
- Mixed Use
- Commercial
- Resort-Hotel
- Public Facility and Civic Uses
- Light Industrial
- Heavy Industrial
- Federal-Military
- Scenic Point or Viewshed
- Mayors Office
- Village Features (School, Church, Bank, Emergency Services, Recreation Facility)
- Government Facilities (Power, Water, Wastewater)
- National Wildlife Refuge
- Village Boundary

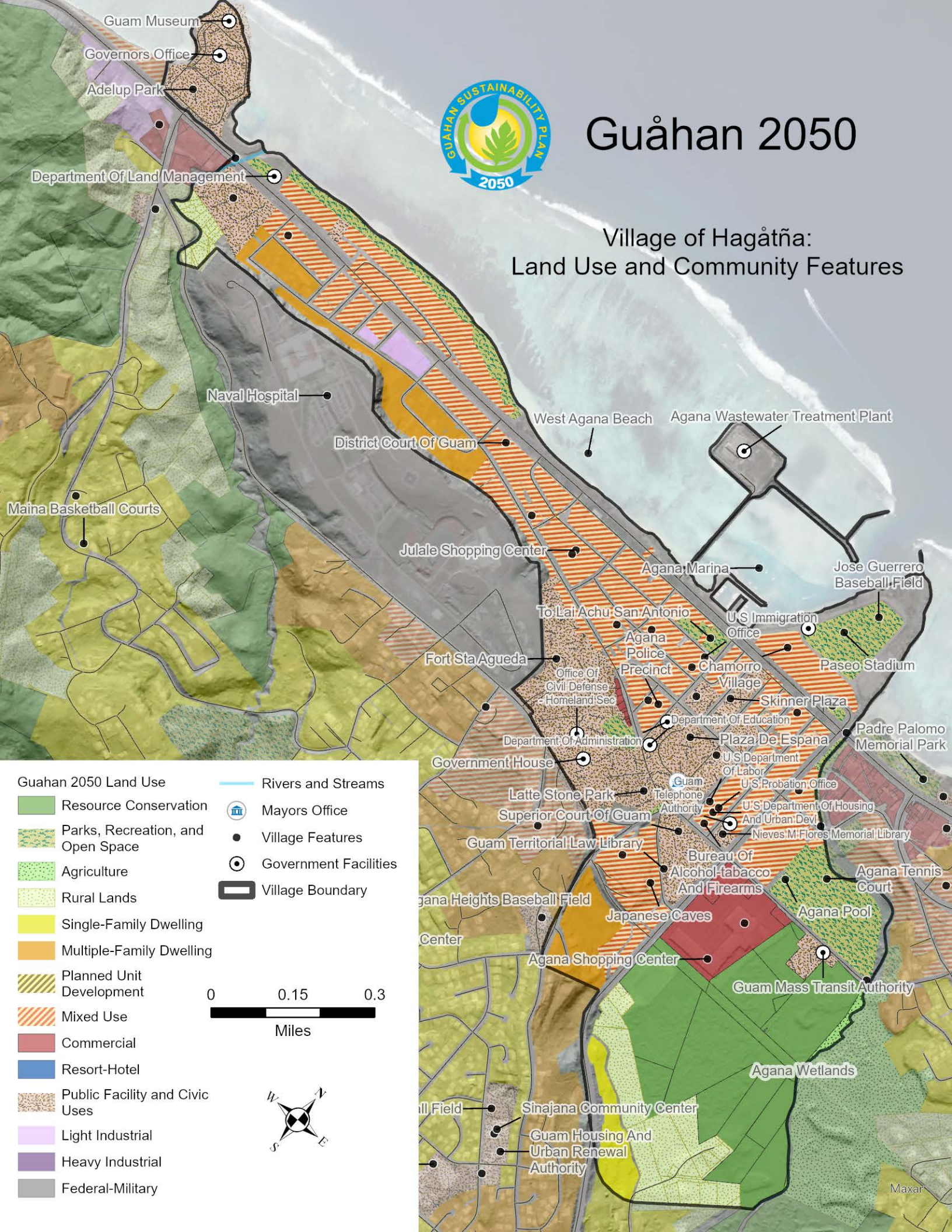


Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, OpenStreetMap contributors, and the GIS User Community



Guåhan 2050

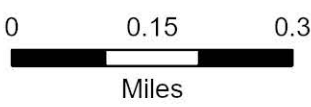
Village of Hagåtña: Land Use and Community Features



Guahan 2050 Land Use

- Resource Conservation
- Parks, Recreation, and Open Space
- Agriculture
- Rural Lands
- Single-Family Dwelling
- Multiple-Family Dwelling
- Planned Unit Development
- Mixed Use
- Commercial
- Resort-Hotel
- Public Facility and Civic Uses
- Light Industrial
- Heavy Industrial
- Federal-Military

- Rivers and Streams
- Mayors Office
- Village Features
- Government Facilities
- Village Boundary





Guåhan 2050

Land Use Planning for Hagåtña:
Opportunities and Constraints



- | | |
|--|-------------------------|
| Forest System Inventory (Green Space, Parks, and Conservation) | Pump Station |
| Rivers and Streams | Wastewater Plant |
| Mayors Office | Sewer Lateral |
| Village Features | Sewer Main |
| Government Facilities | Public Schools |
| Village Boundary | FEMA Flood Zone |
| Guam Forest System Inventory | Tsunami Evacuation Zone |
| Production Well | Federally Managed Land |
| | Dept. of Defense |

0 0.15 0.3
Miles

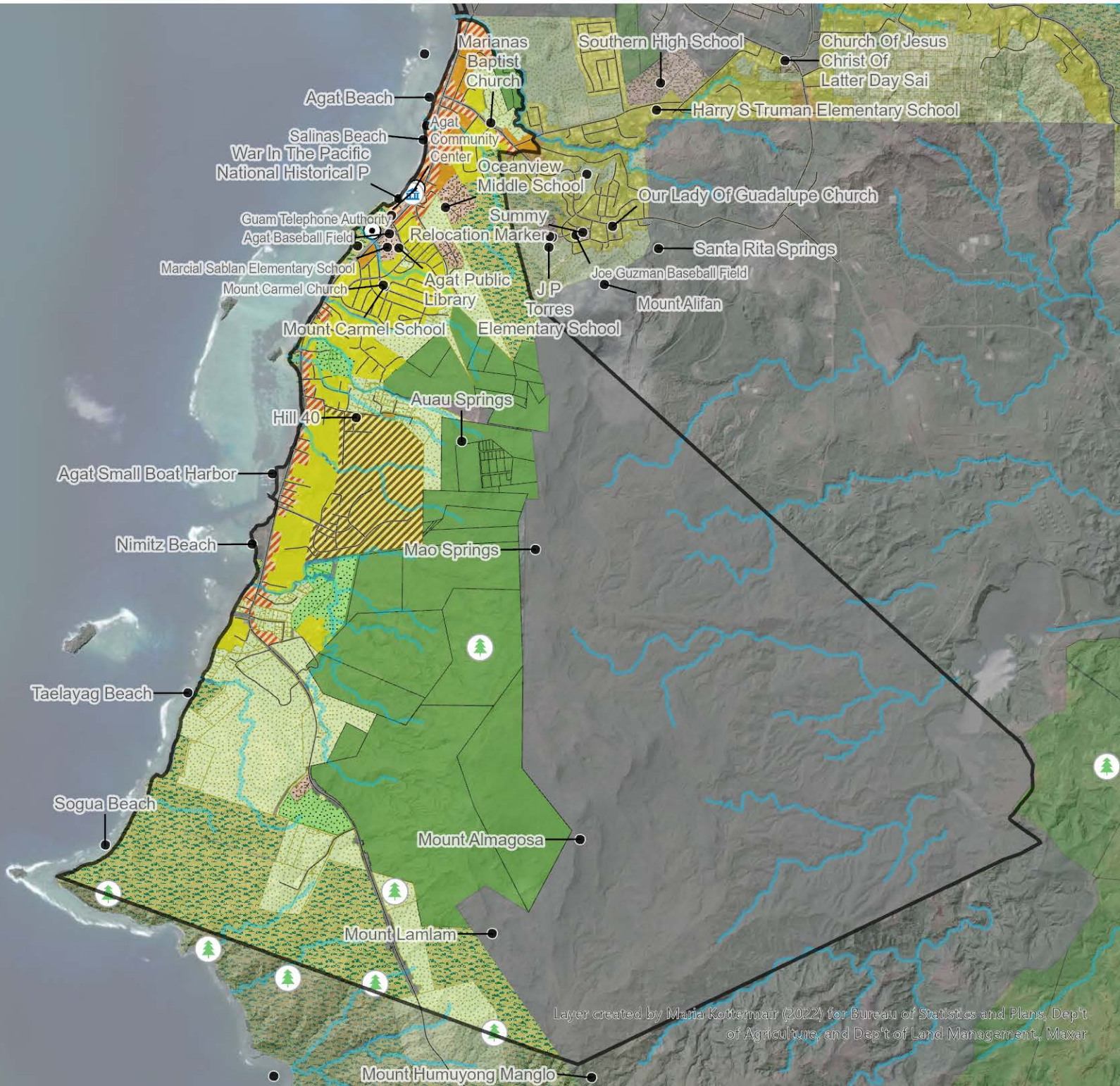
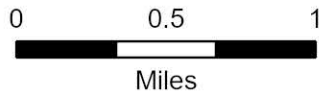


Layer created by Maria Kottermair (2022) for Bureau of Statistics and Plans, Dep't of Agriculture, and Dep't of Land Management, Maxar



Guåhan 2050

Village of Hågat: Land Use and Community Features

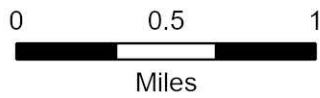


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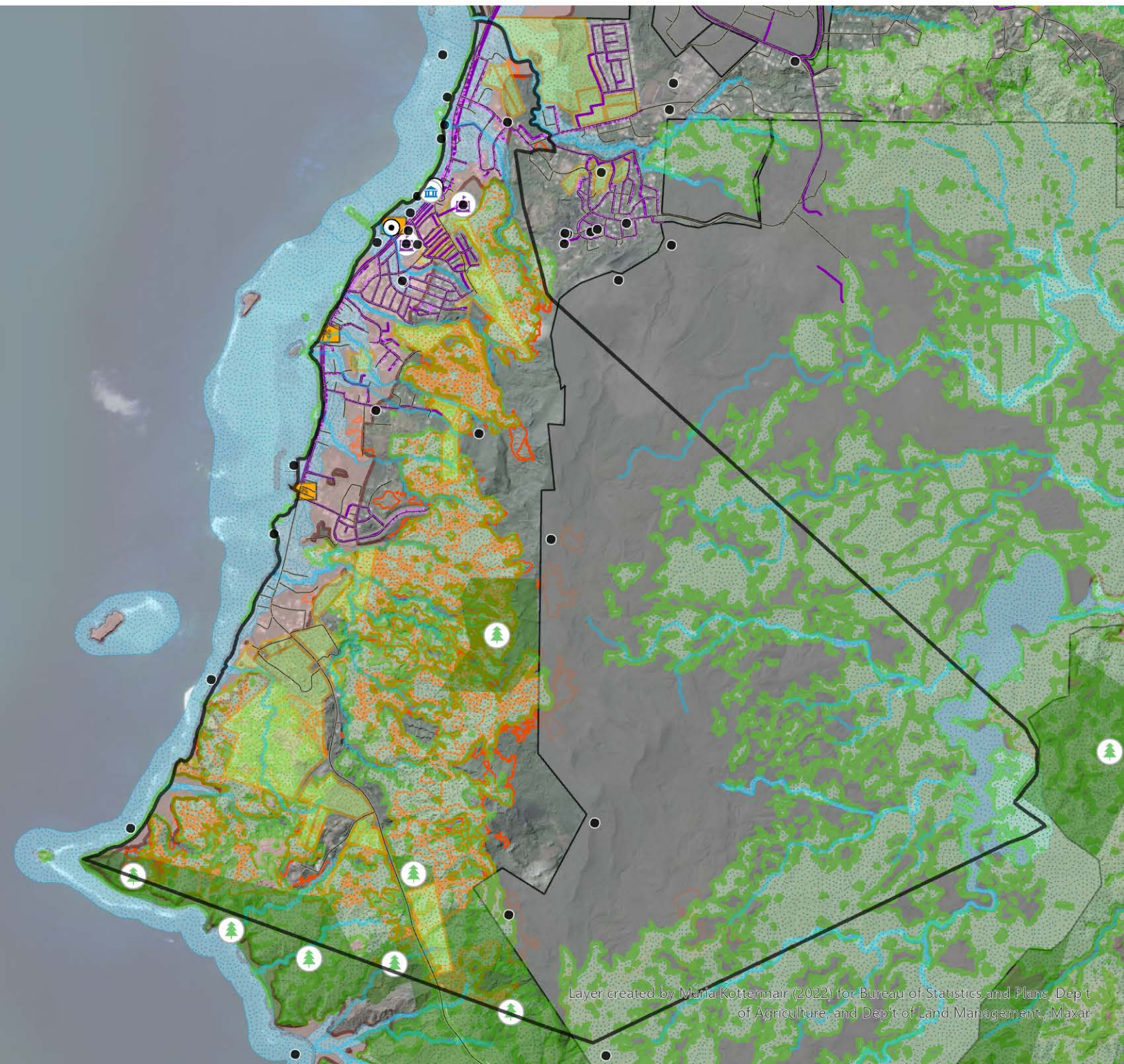


Guåhan 2050

Land Use Planning for Hågat: Opportunities and Constraints



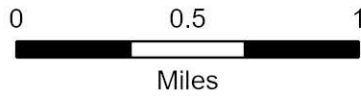
- Forest System Inventory (Green Space, Parks, and Conservation)
- Rivers and Streams
- Mayors Office
- Village Features
- Government Facilities
- Village Boundary
- Guam Forest System Inventory
- Production Well
- Pump Station
- Sewer Lateral
- Sewer Main
- Public_Schools
- FEMA Flood Zone
- Tsunami Evacuation Zone
- Guam HCP - Key Habitat Type
- Potential Prime Agriculture Parcels
- Federally Managed Land
- Wildfire Impacts 2015-2024





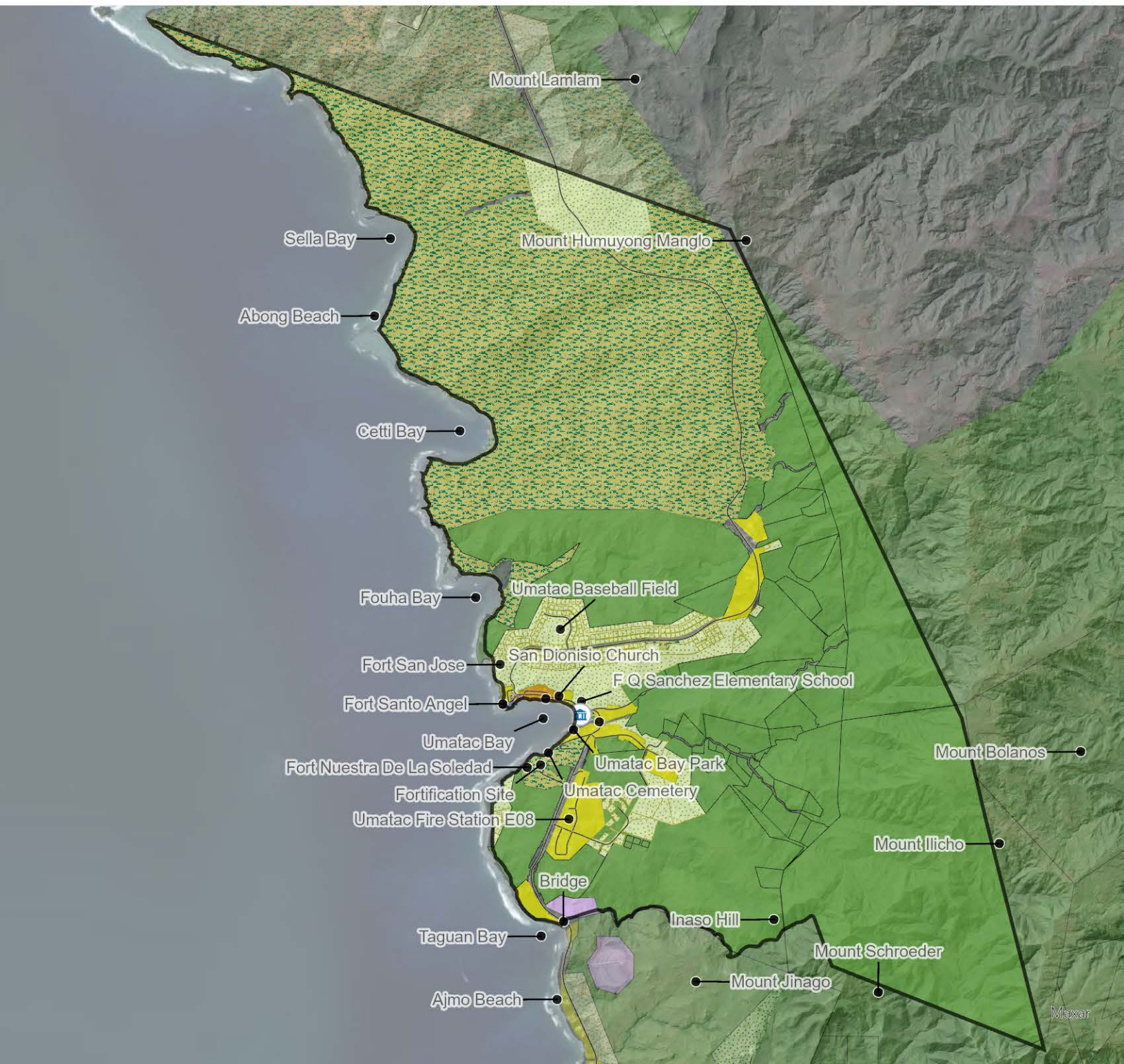
Guåhan 2050

Village of Humåtak: Land Use and Community Features



- Guahan 2050 Land Use
- Resource Conservation
 - Parks, Recreation, and Open Space
 - Agriculture
 - Rural Lands
 - Single-Family Dwelling
 - Multiple-Family Dwelling
 - Planned Unit Development
 - Mixed Use
 - Commercial

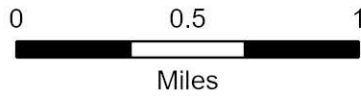
- Resort-Hotel
- Public Facility and Civic Uses
- Light Industrial
- Heavy Industrial
- Federal-Military
- Mayors Office
- Village Features
- Government Facilities
- Village Boundary





Guåhan 2050

Land Use Planning for Humåtak: Opportunities and Constraints



- | | |
|--|-----------------------------|
| Scenic Point or Viewshed | Pump Station |
| Forest System Inventory (Green Space, Parks, and Conservation) | Sewer Lateral |
| Rivers and Streams | Sewer Main |
| Mayors Office | Public_Schools |
| Village Features | FEMA Flood Zone |
| Government Facilities | Tsunami Evacuation Zone |
| Village Boundary | Guam HCP - Key Habitat Type |
| Guam Forest System Inventory | Federally Managed Land |
| Production Well | Wildfire Impacts 2015-2024 |

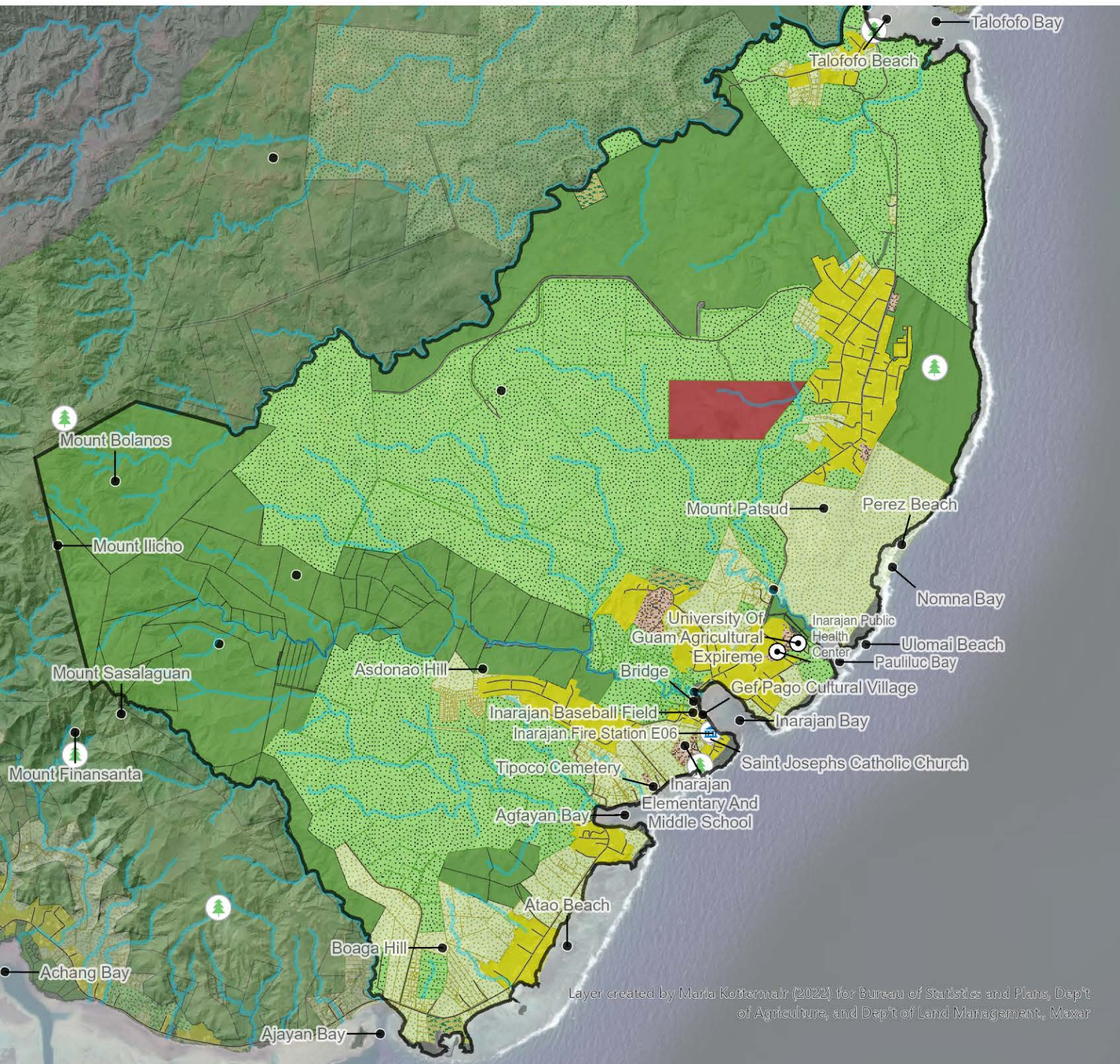
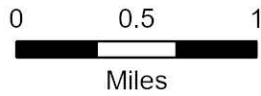


Layer created by Maria Kottermair (2022) for Bureau of Statistics and Plans, Dept of Agriculture, and Dept of Land Management. Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Maxar



Guahan 2050

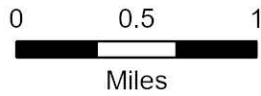
Village of Inalahan: Land Use and Community Features



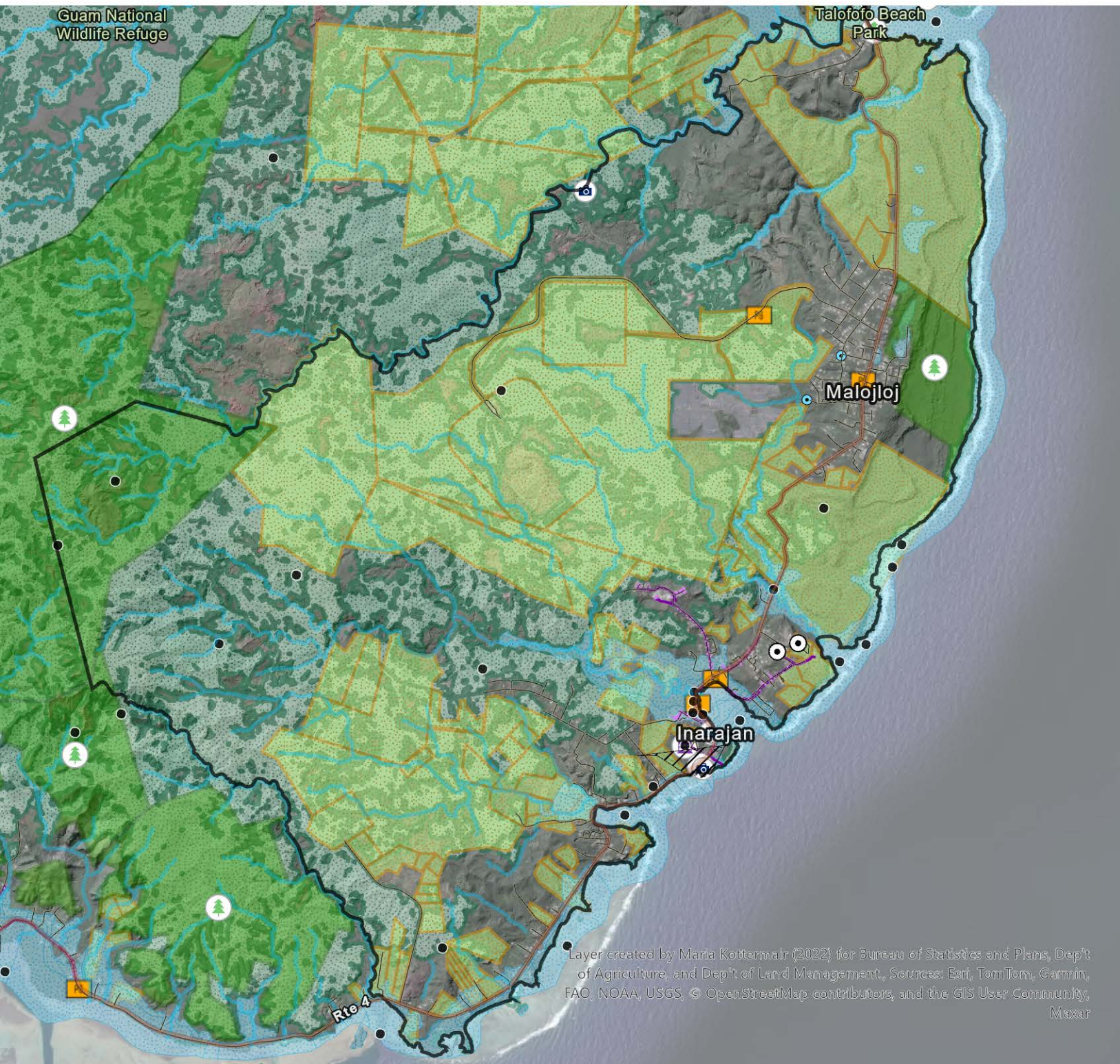


Guåhan 2050

Land Use Planning for Inålahan: Opportunities and Constraints



- | | |
|--|--|
| Scenic Point or Viewshed | Pump Station |
| Forest System Inventory (Green Space, Parks, and Conservation) | Sewer Lateral |
| Rivers and Streams | Sewer Main |
| Mayors Office | Public_Schools |
| Village Features | FEMA Flood Zone |
| Government Facilities | Guam HCP - Key Habitat Type |
| Village Boundary | Potential Prime Agriculture Parcels |
| Guam Forest System Inventory | Federally Managed Land |
| Production Well | National Historic Register - Cultural District |

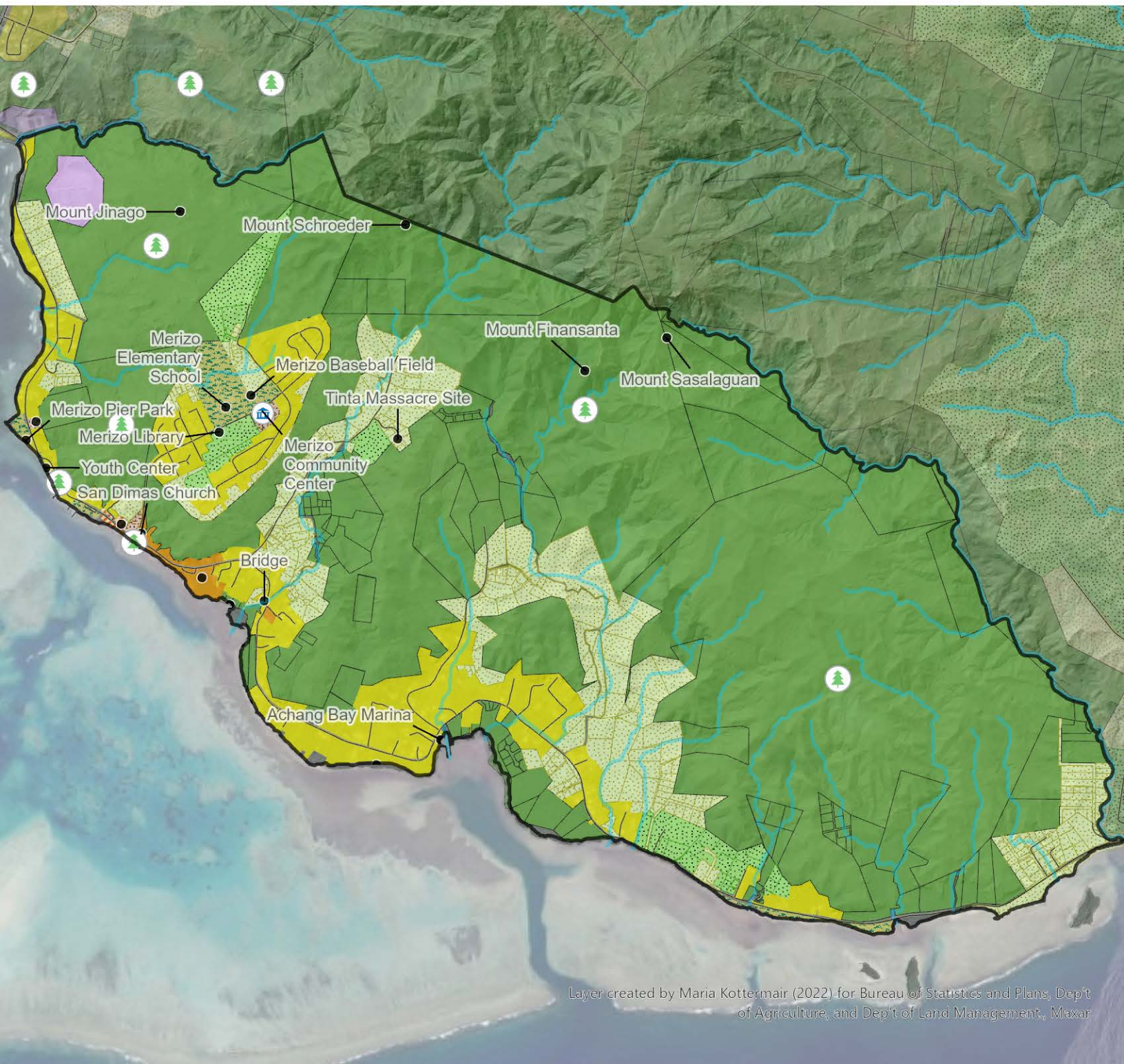


Layer created by Maria Kottermair (2022) for Bureau of Statistics and Plans, Dep't of Agriculture, and Dep't of Land Management. Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Maxar



Guåhan 2050

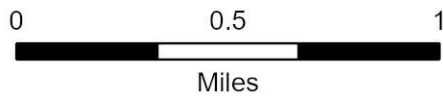
Village of Malessso: Land Use and Community Features



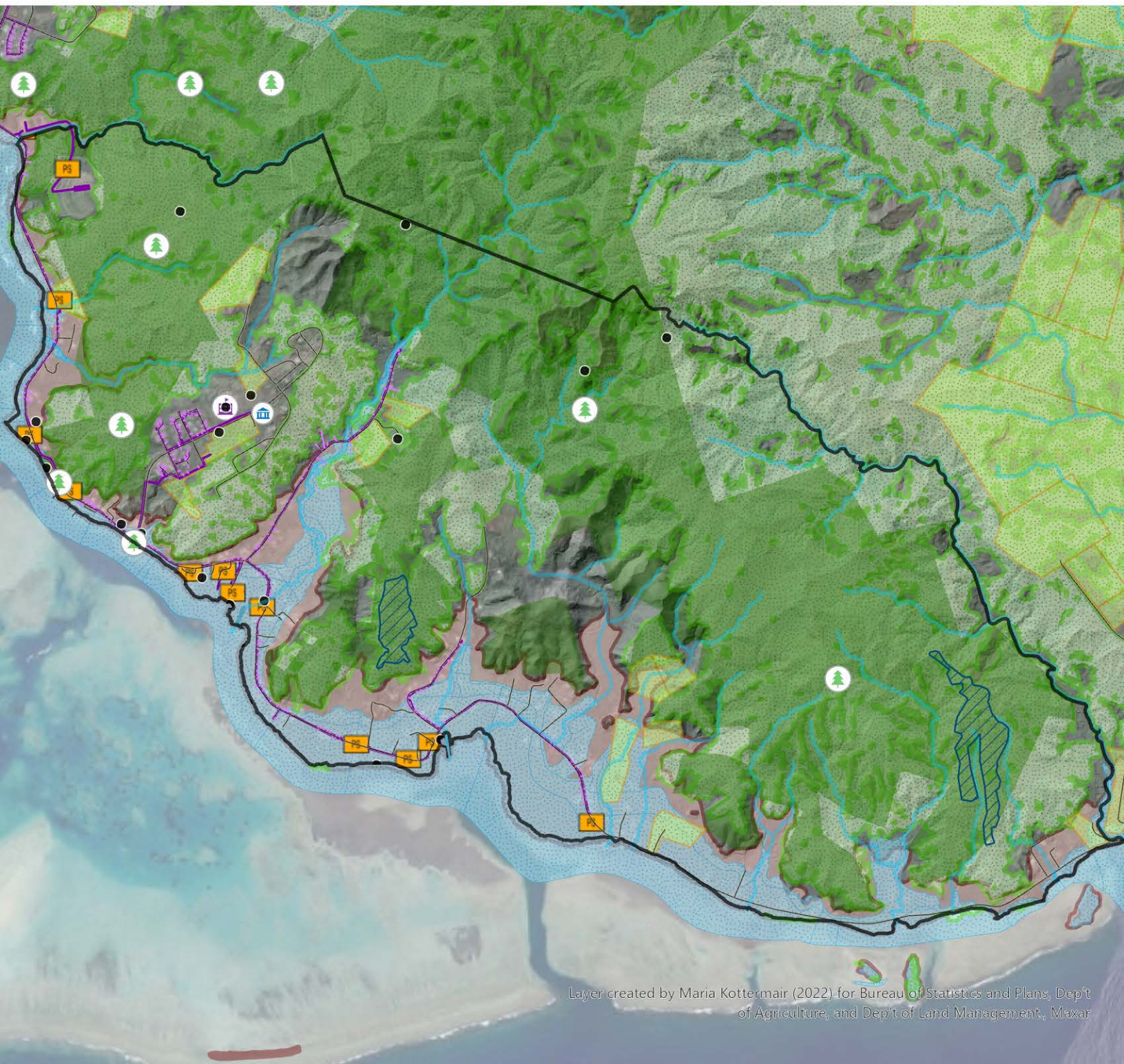


Guåhan 2050

Land Use Planning for Malesso: Opportunities and Constraints



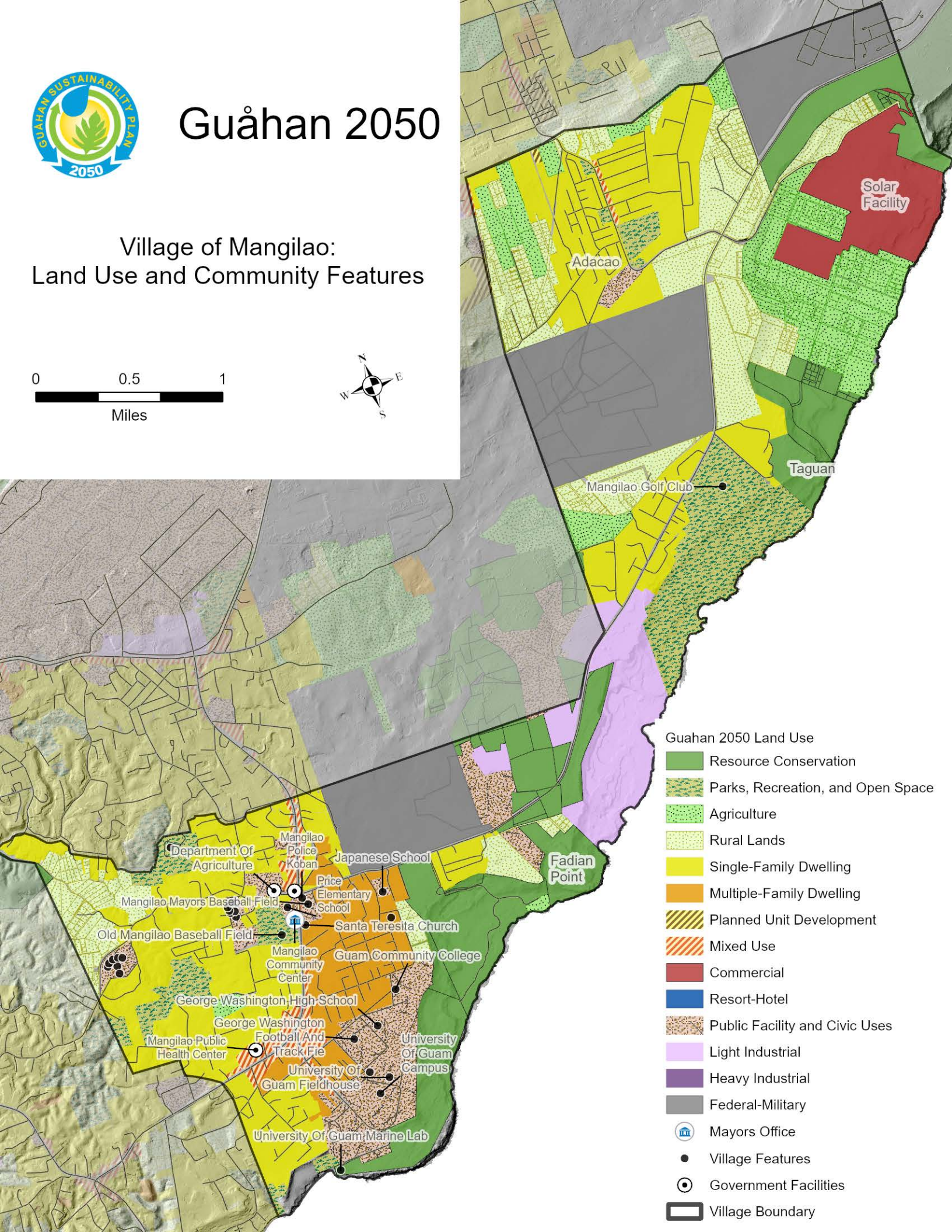
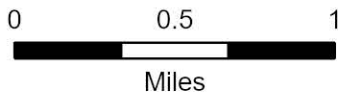
- Forest System Inventory (Green Space, Parks, and Conservation)
- Rivers and Streams
- Mayors Office
- Village Features
- Government Facilities
- Village Boundary
- Guam Forest System Inventory
- Production Well
- Pump Station
- Sewer Lateral
- Sewer Main
- Public_Schools
- FEMA Flood Zone
- Tsunami Evacuation Zone
- Guam HCP - Key Habitat Type
- Potential Prime Agriculture Parcels
- Reforestation Sites (2025)





Guahan 2050

Village of Mangilao: Land Use and Community Features



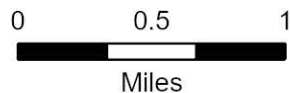
Guahan 2050 Land Use

- Resource Conservation
- Parks, Recreation, and Open Space
- Agriculture
- Rural Lands
- Single-Family Dwelling
- Multiple-Family Dwelling
- Planned Unit Development
- Mixed Use
- Commercial
- Resort-Hotel
- Public Facility and Civic Uses
- Light Industrial
- Heavy Industrial
- Federal-Military
- Mayors Office
- Village Features
- Government Facilities
- Village Boundary

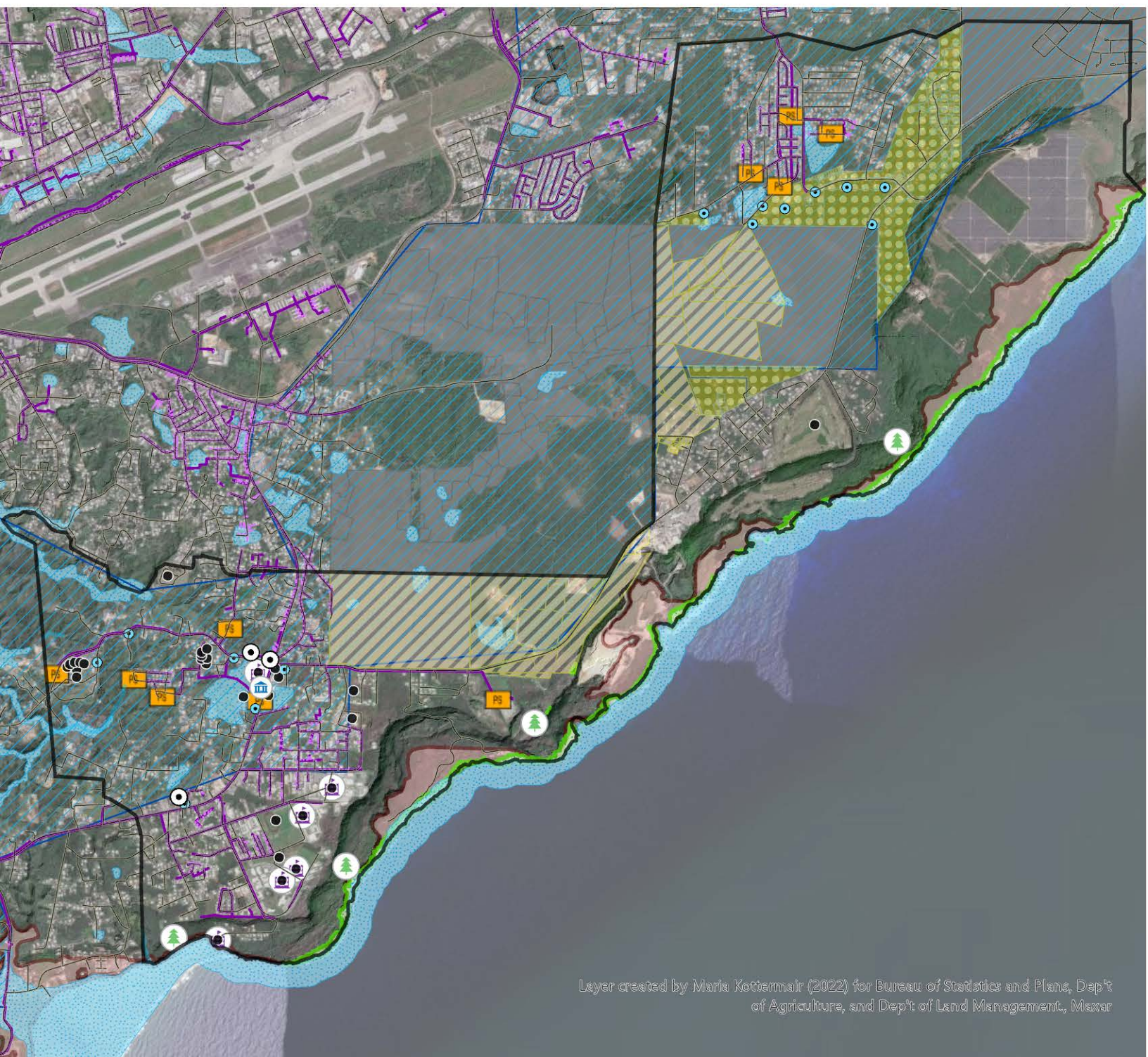


Guahan 2050

Land Use Planning for Mangilao: Opportunities and Constraints



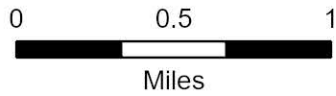
- | | |
|--|-----------------------------|
| Forest System Inventory (Green Space, Parks, and Conservation) | Sewer Lateral |
| Rivers and Streams | Sewer Main |
| Mayors Office | Public_Schools |
| Village Features | CHamoru Land Trust |
| Government Facilities | Ancestral Lands |
| Village Boundary | FEMA Flood Zone |
| Ground Water Protection Zone (1997) | Tsunami Evacuation Zone |
| Production Well | Guam HCP - Key Habitat Type |
| Pump Station | Federally Managed Land |
| | Dept. of Defense |



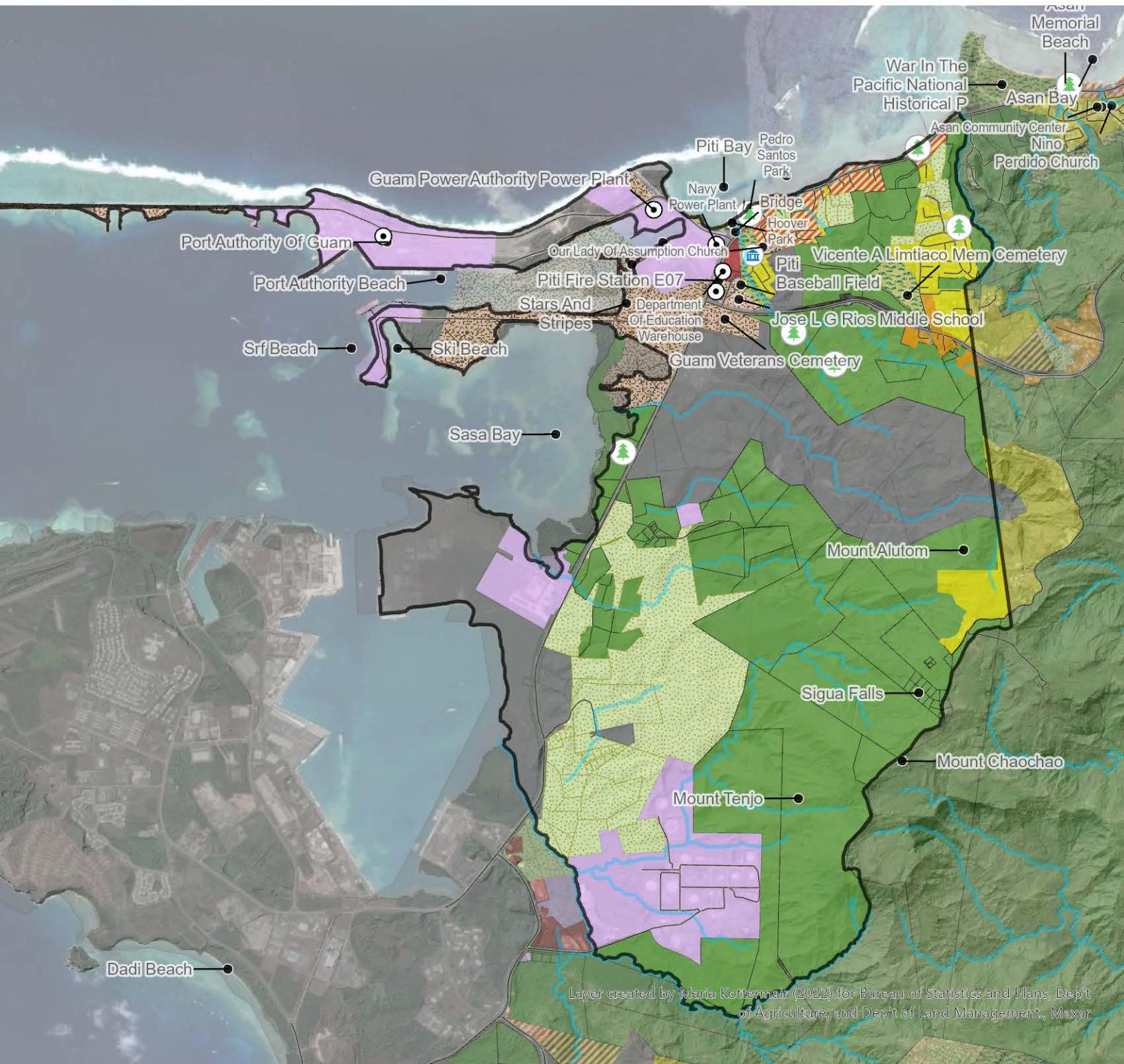


Guahan 2050

Village of Piti: Land Use and Community Features



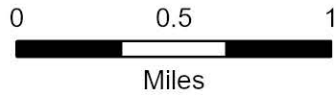
- | | |
|-----------------------------------|--|
| Guahan 2050 Land Use | Public Facility and Civic Uses |
| Resource Conservation | Light Industrial |
| Parks, Recreation, and Open Space | Heavy Industrial |
| Agriculture | Federal-Military |
| Rural Lands | Forest System Inventory (Green Space, Parks, and Conservation) |
| Single-Family Dwelling | Rivers and Streams |
| Multiple-Family Dwelling | Mayors Office |
| Planned Unit Development | Village Features |
| Mixed Use | Government Facilities |
| Commercial | Village Boundary |
| Resort-Hotel | |



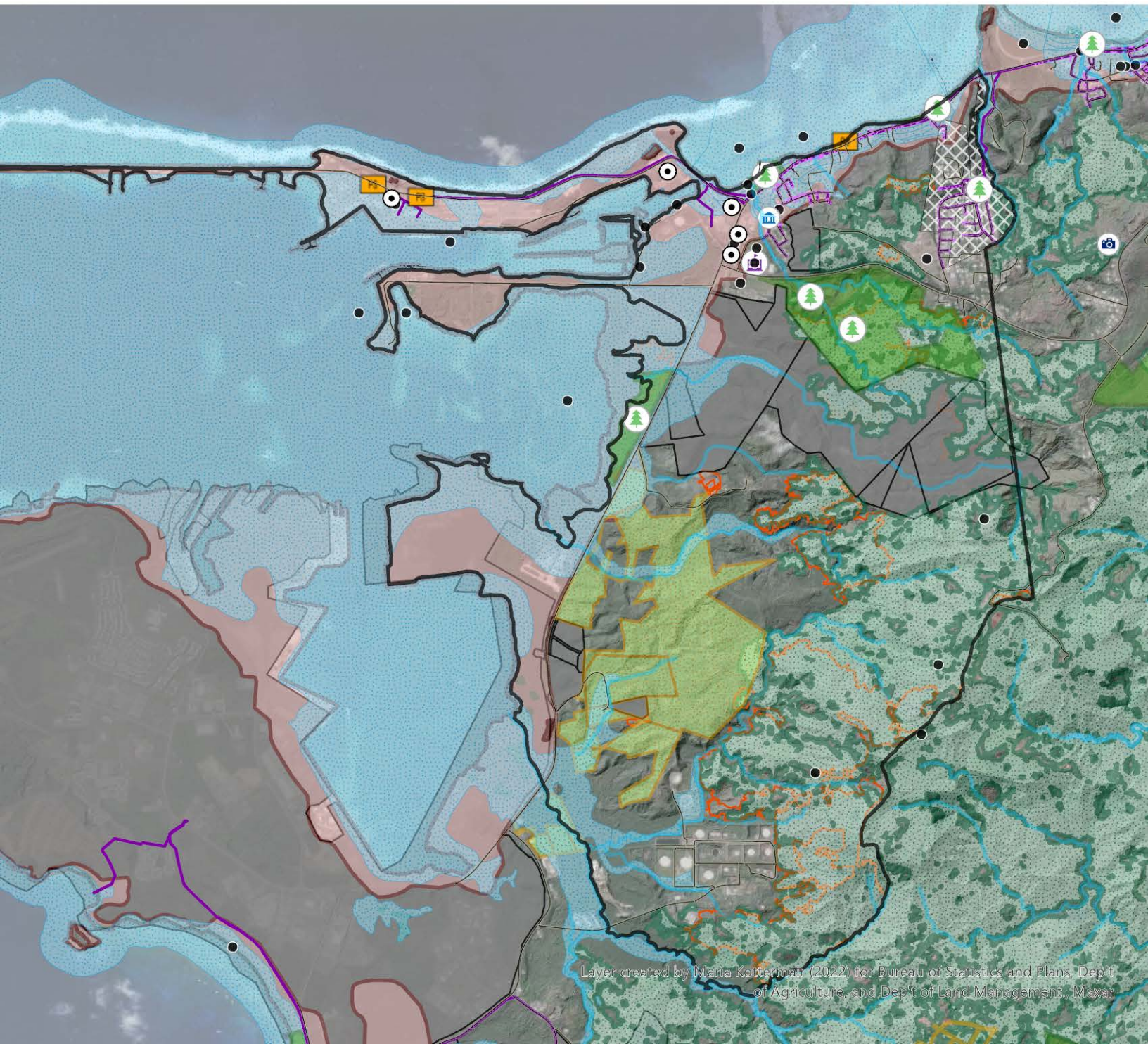


Guåhan 2050

Land Use Planning for Piti: Opportunities and Constraints



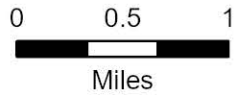
- Scenic Point or Viewshed
- Forest System Inventory (Green Space, Parks, and Conservation)
- Rivers and Streams
- Mayors Office
- Village Features
- Government Facilities
- Village Boundary
- Guam Forest System Inventory
- Production Well
- Pump Station
- Sewer Lateral
- Sewer Main
- Public_Schools
- FEMA Flood Zone
- Tsunami Evacuation Zone
- Guam HCP - Key Habitat Type
- Potential Prime Agriculture Parcels
- Federally Managed Land
- Wildfire Impacts 2015-2024
- Historic Register - Cultural Site
- National Historic Register - Cultural District





Guåhan 2050

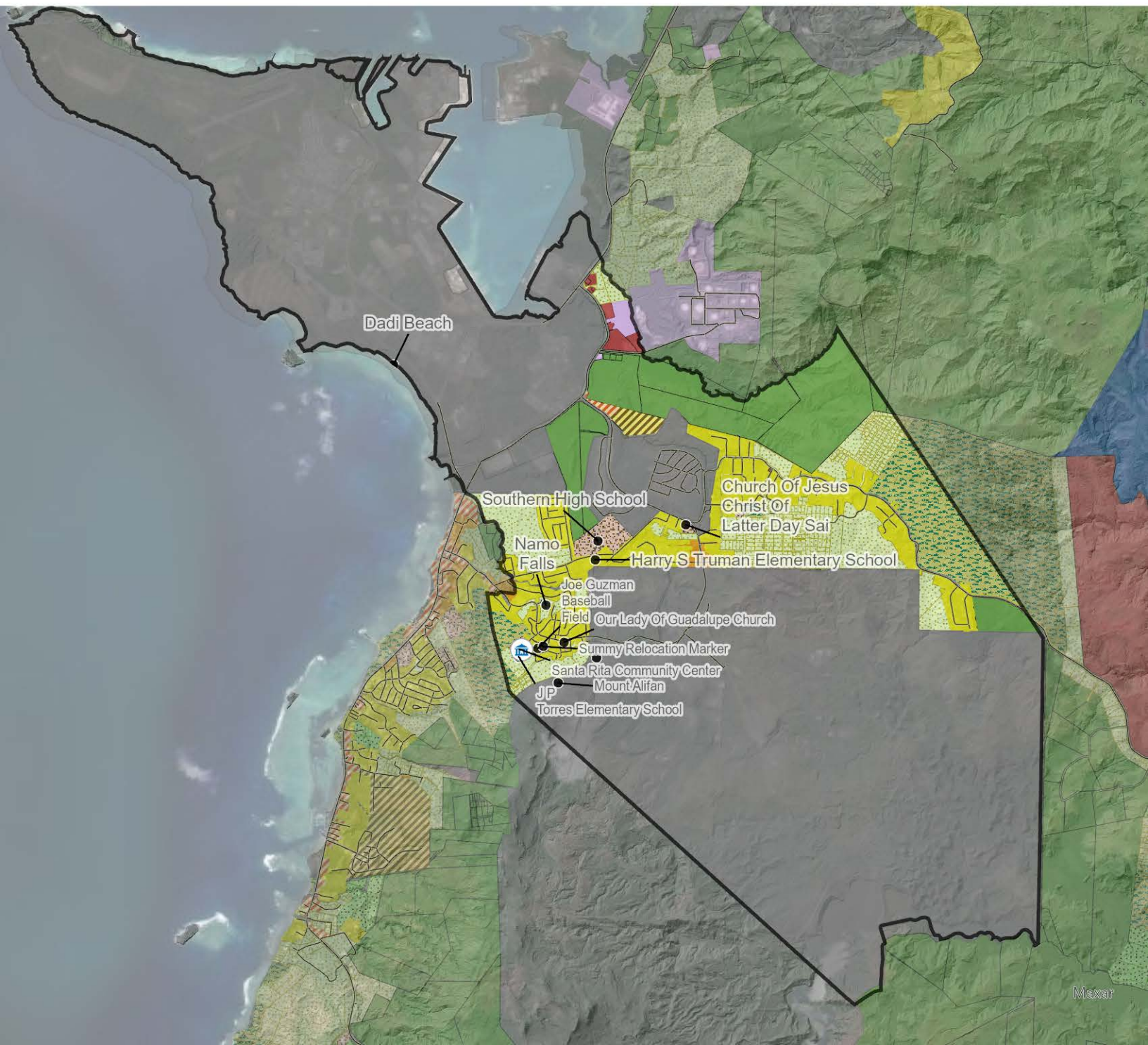
Village of Santa Rita: Land Use and Community Features



Guahan 2050 Land Use

- Resource Conservation
- Parks, Recreation, and Open Space
- Agriculture
- Rural Lands
- Single-Family Dwelling
- Multiple-Family Dwelling
- Planned Unit Development
- Mixed Use
- Commercial

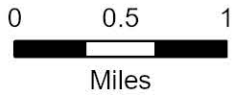
- Resort-Hotel
- Public Facility and Civic Uses
- Light Industrial
- Heavy Industrial
- Federal-Military
- Mayors Office
- Village Features
- Government Facilities
- Village Boundary



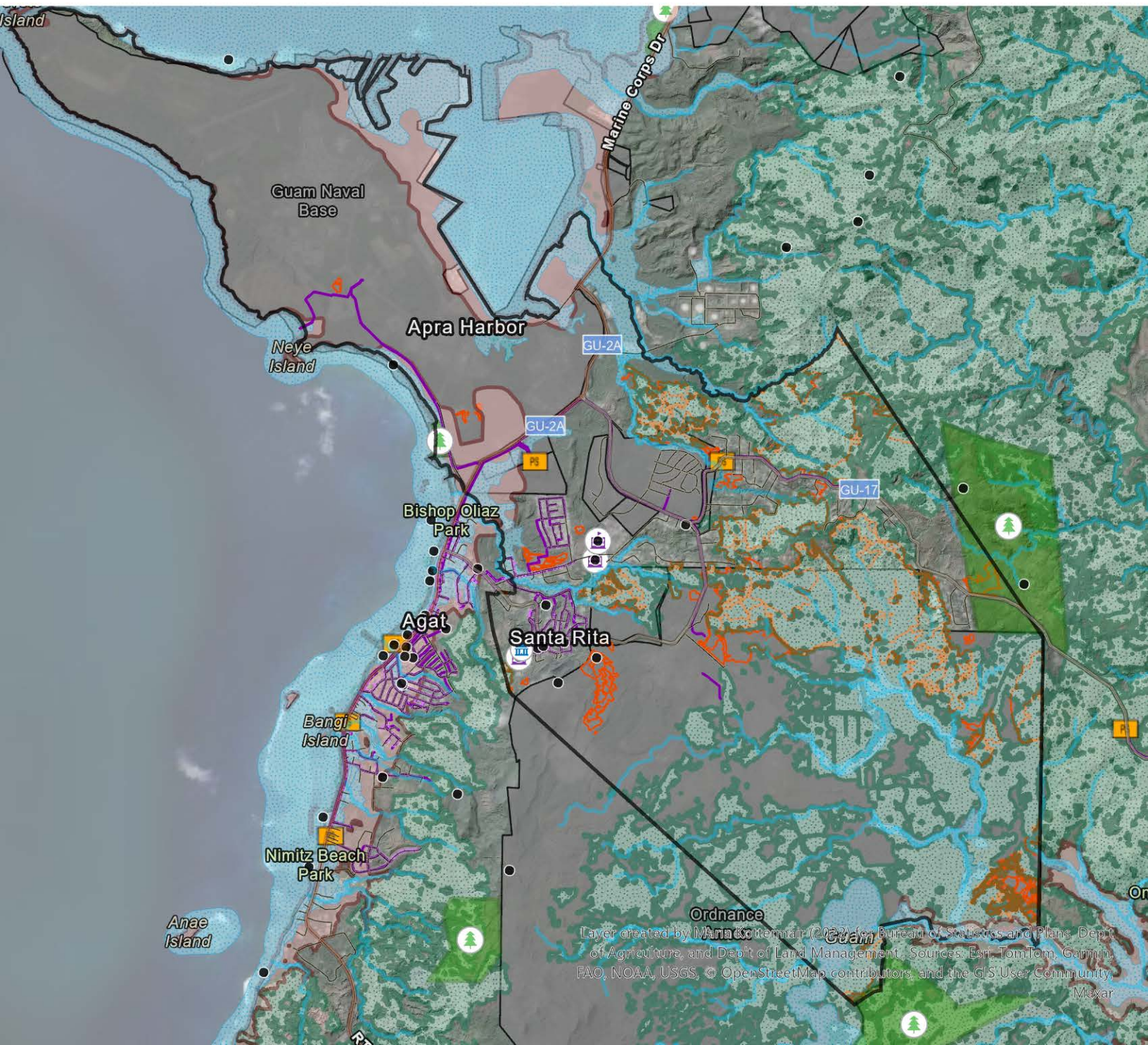


Guahan 2050

Land Use Planning for Santa Rita: Opportunities and Constraints



- | | |
|--|-----------------------------|
| Scenic Point or Viewshed | Pump Station |
| Forest System Inventory (Green Space, Parks, and Conservation) | Sewer Lateral |
| Rivers and Streams | Sewer Main |
| Mayors Office | Public_Schools |
| Village Features | FEMA Flood Zone |
| Government Facilities | Tsunami Evacuation Zone |
| Village Boundary | Guam HCP - Key Habitat Type |
| Guam Forest System Inventory | Federally Managed Land |
| Production Well | Wildfire Impacts 2015-2024 |

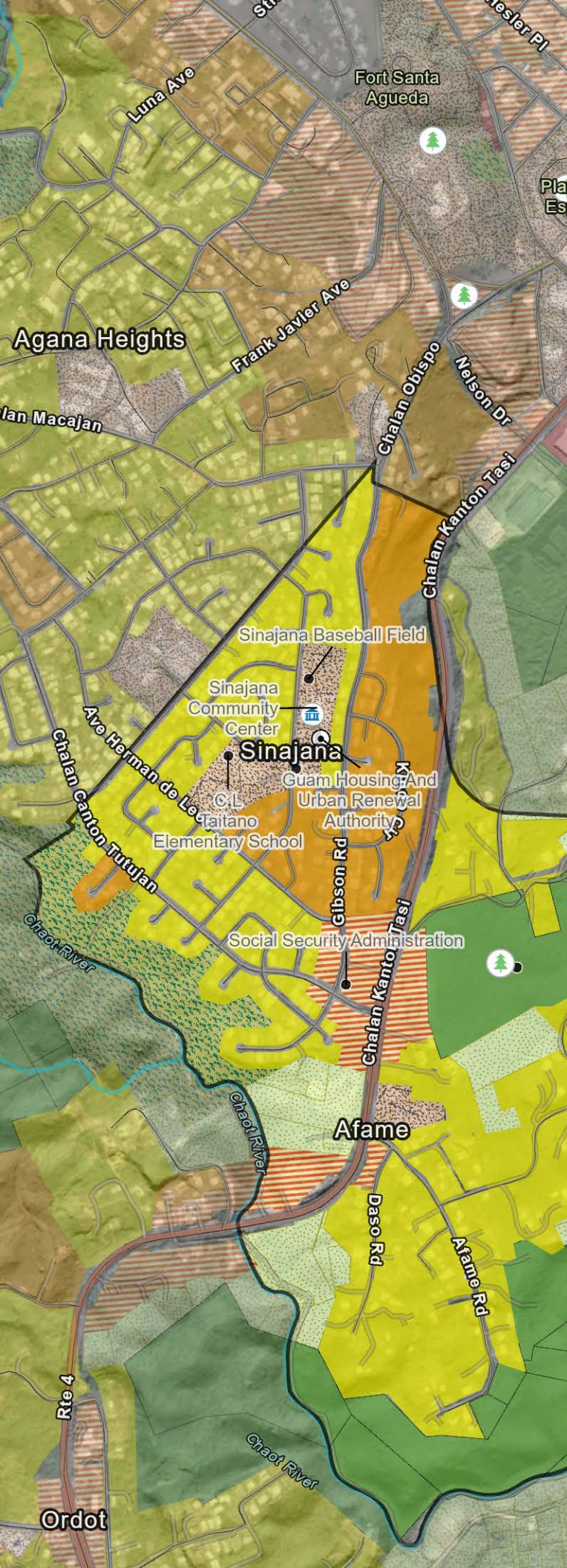


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Guåhan 2050

Village of Sinajana: Land Use and Community Features



Guahan 2050 Land Use

- Resource Conservation
- Parks, Recreation, and Open Space
- Agriculture
- Rural Lands
- Single-Family Dwelling
- Multiple-Family Dwelling
- Planned Unit Development
- Mixed Use
- Commercial
- Resort-Hotel
- Public Facility and Civic Uses
- Light Industrial
- Heavy Industrial
- Federal-Military

Forest System Inventory
(Green Space, Parks, and Conservation)

Rivers and Streams

Mayors Office

Village Features

Government Facilities

Village Boundary

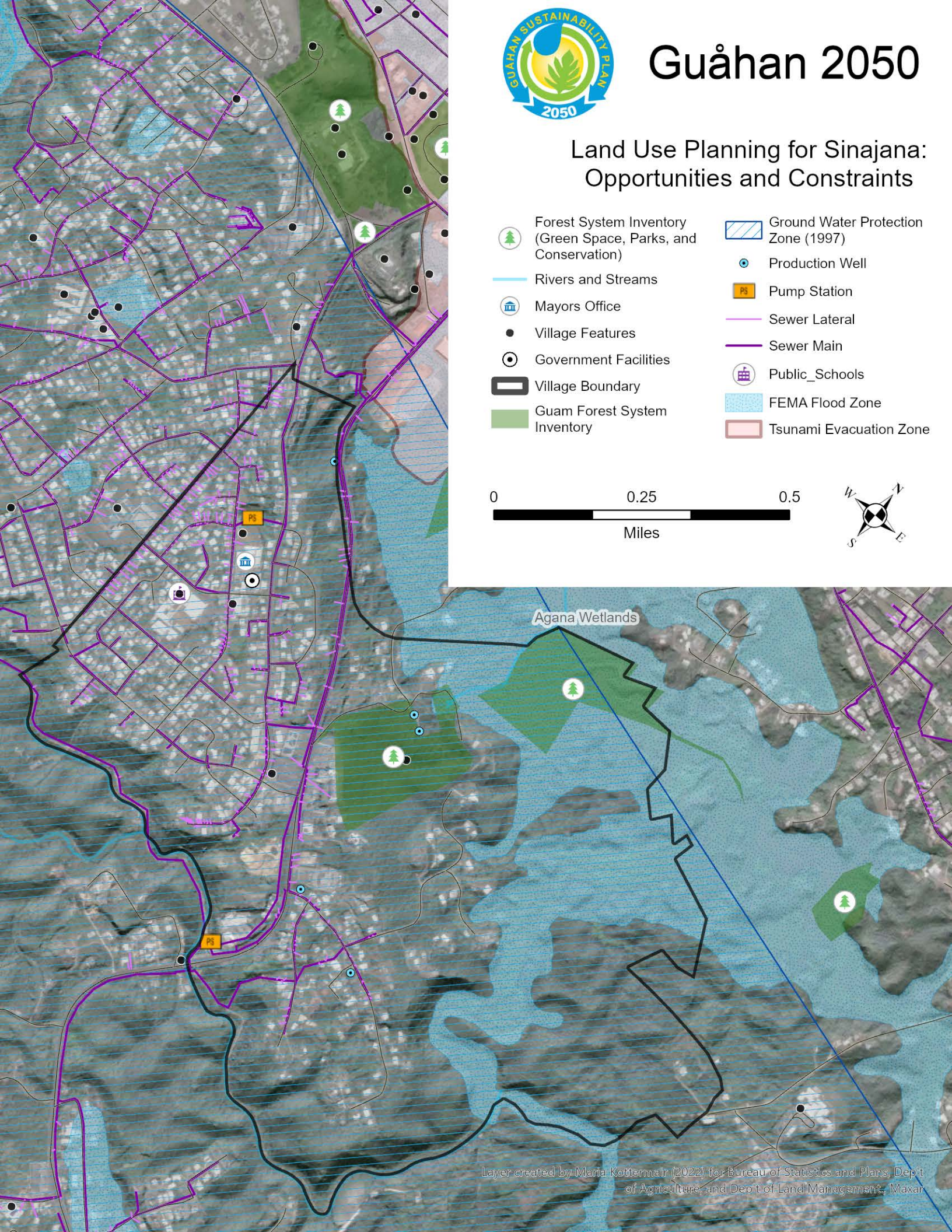
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Guåhan 2050

Land Use Planning for Sinajana: Opportunities and Constraints



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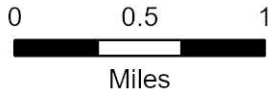


Agana Wetlands



Guåhan 2050

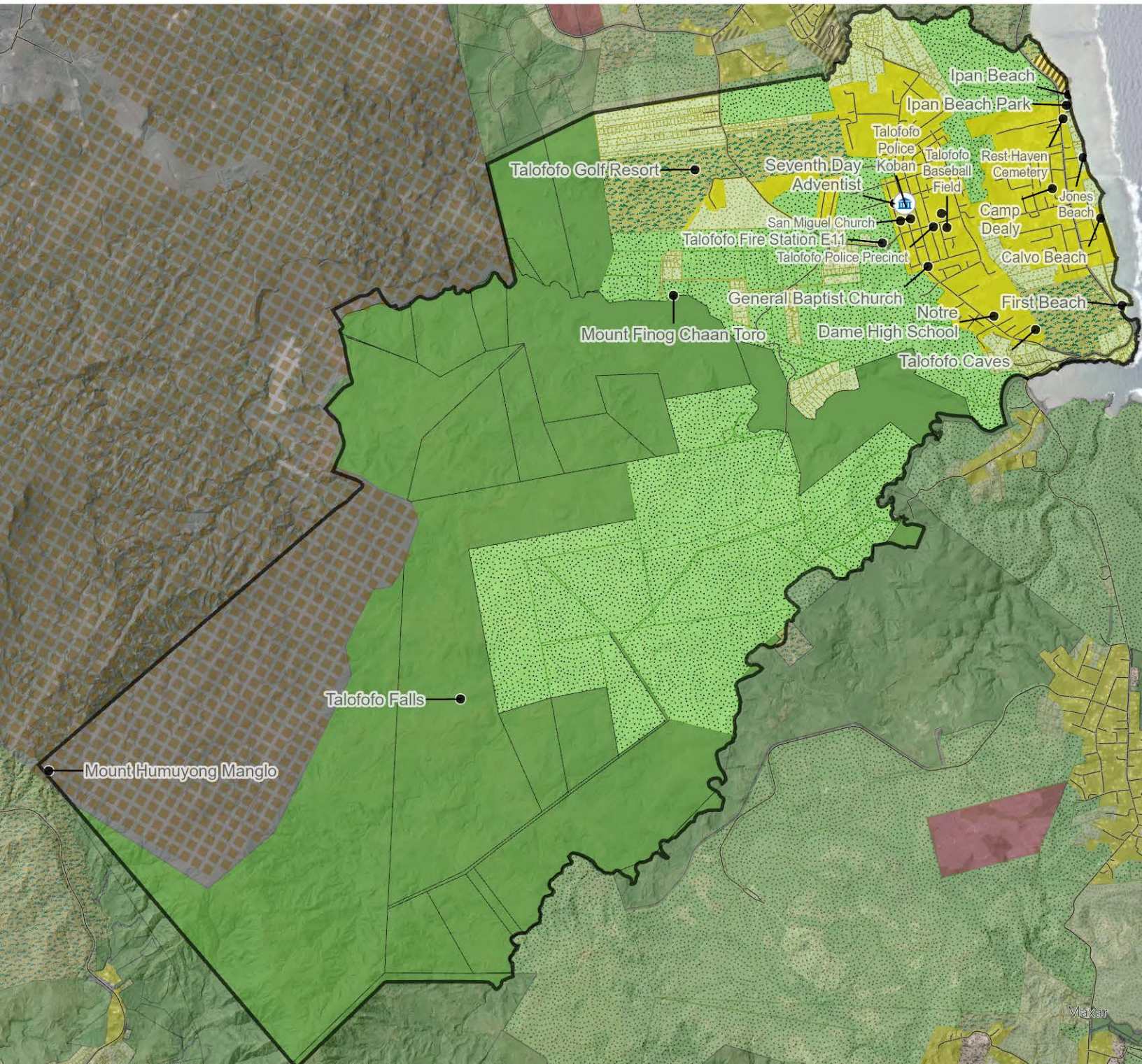
Village of Talo'fo'fo': Land Use and Community Features



Guahan 2050 Land Use

- Resource Conservation
- Parks, Recreation, and Open Space
- Agriculture
- Rural Lands
- Single-Family Dwelling
- Multiple-Family Dwelling
- Planned Unit Development
- Mixed Use
- Commercial

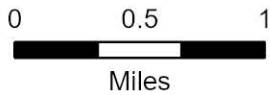
- Resort-Hotel
- Public Facility and Civic Uses
- Light Industrial
- Heavy Industrial
- Federal-Military
- Mayors Office
- Village Features
- Government Facilities
- National Wildlife Refuge
- Village Boundary



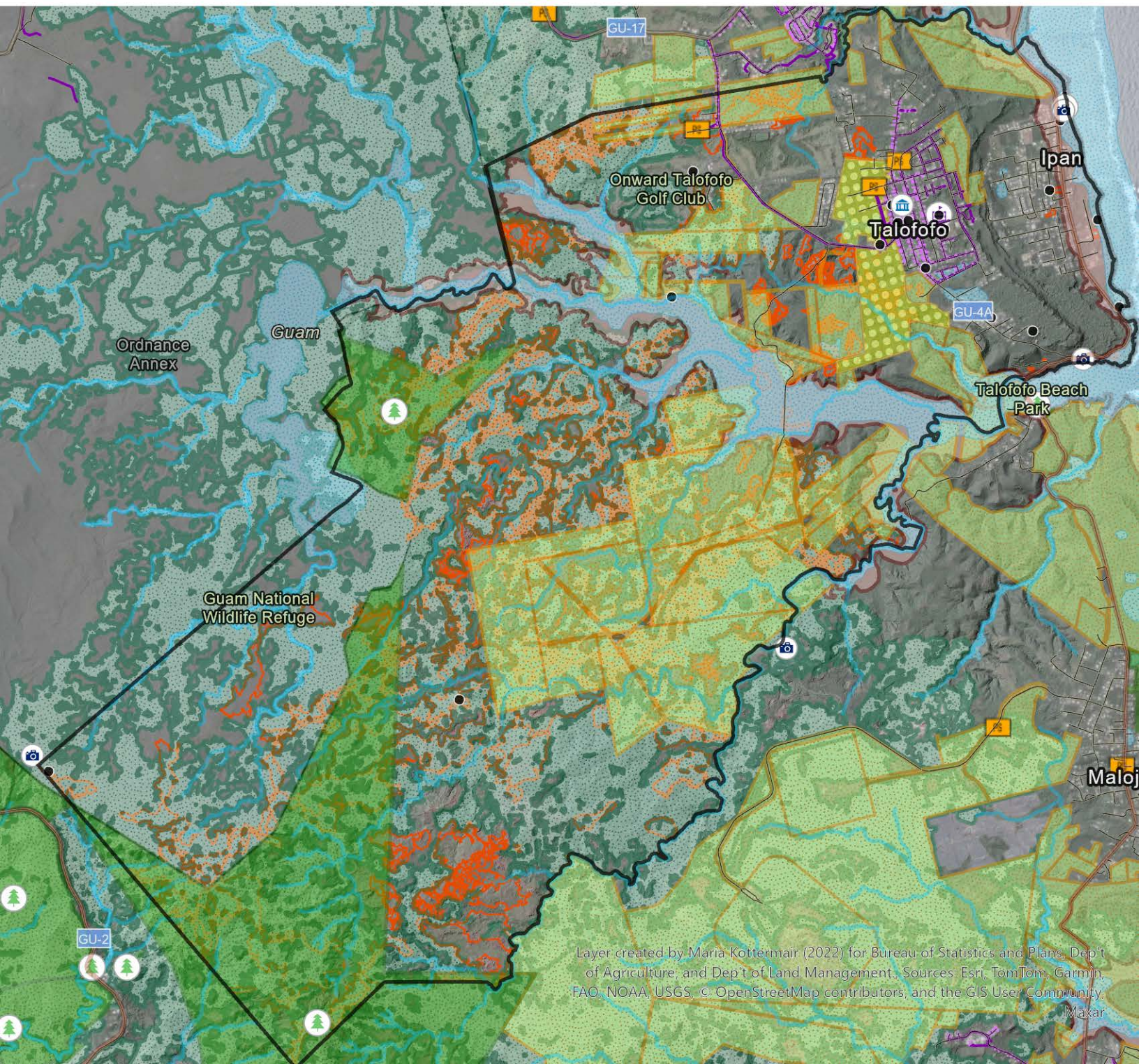


Guåhan 2050

Land Use Planning for Talo'fo'fo': Opportunities and Constraints



- | | |
|--|-------------------------------------|
| Scenic Point or Viewshed | Sewer Lateral |
| Forest System Inventory (Green Space, Parks, and Conservation) | Sewer Main |
| Rivers and Streams | Public Schools |
| Mayors Office | CHamoru Land Trust |
| Village Features | FEMA Flood Zone |
| Government Facilities | Tsunami Evacuation Zone |
| Village Boundary | Guam HCP - Key Habitat Type |
| Guam Forest System Inventory | Potential Prime Agriculture Parcels |
| Pump Station | Federally Managed Land |
| | Wildfire Impacts 2015-2024 |

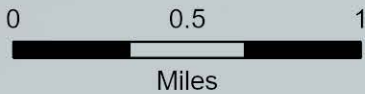


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Guahan 2050

Village of Tamuning: Land Use and Community Features

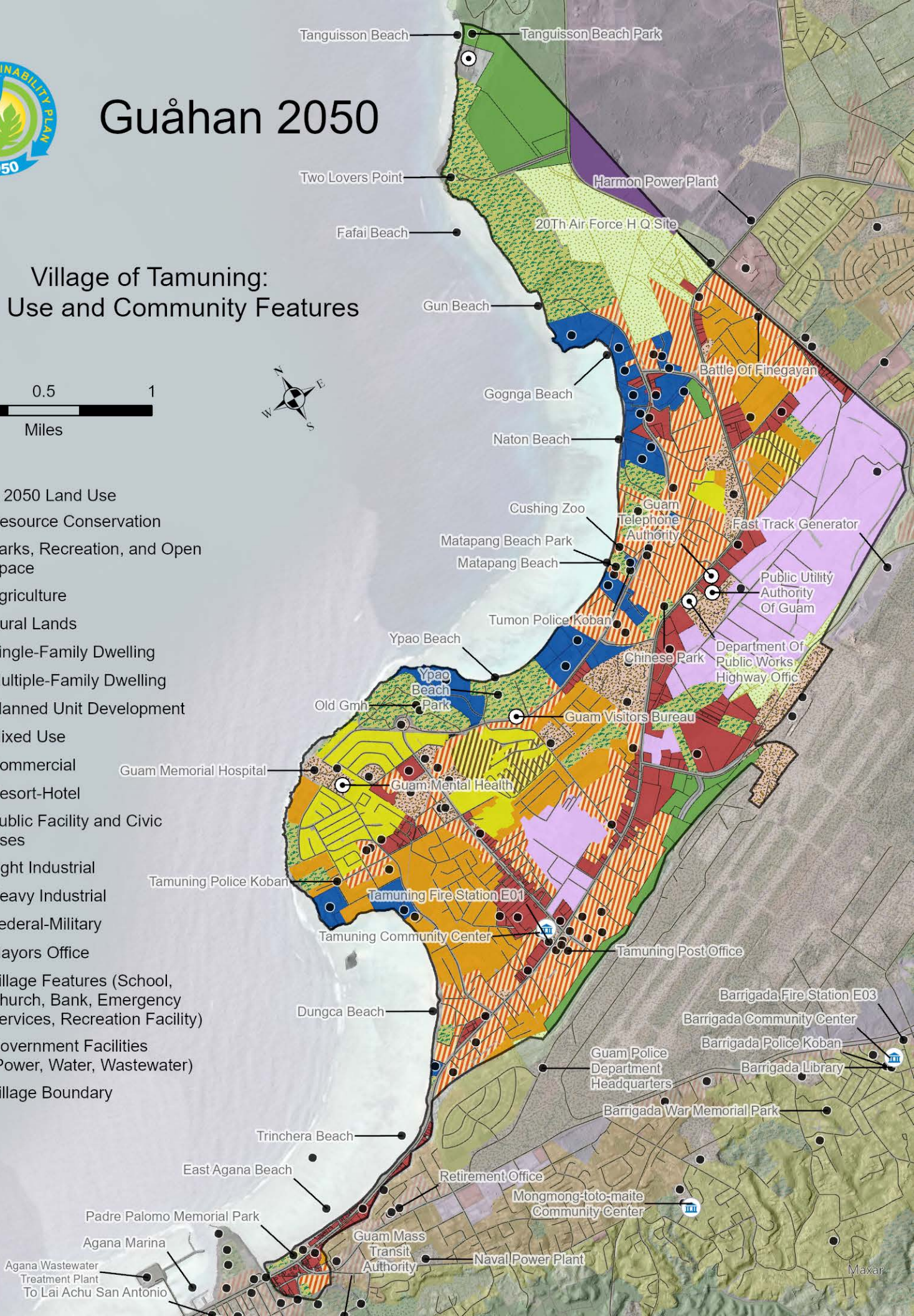


Guahan 2050 Land Use

- Resource Conservation
- Parks, Recreation, and Open Space
- Agriculture
- Rural Lands
- Single-Family Dwelling
- Multiple-Family Dwelling
- Planned Unit Development
- Mixed Use
- Commercial
- Resort-Hotel
- Public Facility and Civic Uses
- Light Industrial
- Heavy Industrial
- Federal-Military

Community Features

- Mayors Office
- Village Features (School, Church, Bank, Emergency Services, Recreation Facility)
- Government Facilities (Power, Water, Wastewater)
- Village Boundary





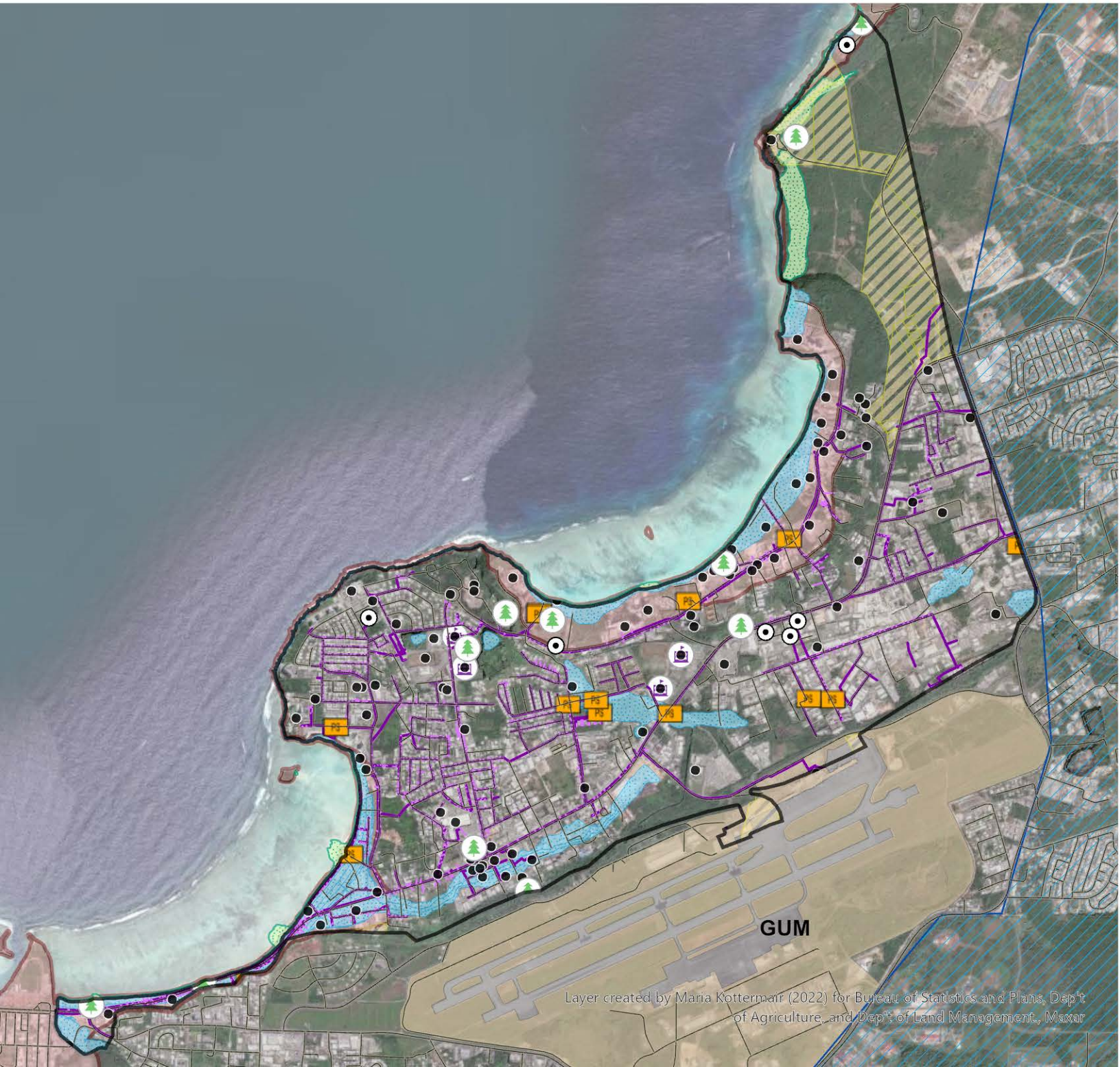
Guahan 2050

Land Use Planning for Tamuning: Opportunities and Constraints

0 0.5 1
Miles



- Forest System Inventory (Green Space, Parks, and Conservation)
- Rivers and Streams
- Mayors Office
- Village Features
- Government Facilities
- Village Boundary
- Ground Water Protection Zone (1997)
- Production Well
- Pump Station
- Sewer Lateral
- Sewer Main
- Public_Schools
- Ancestral Lands
- FEMA Flood Zone
- Tsunami Evacuation Zone
- Guam HCP - Key Habitat Type
- Guam International Airport
- Airport ground
- Airport runway





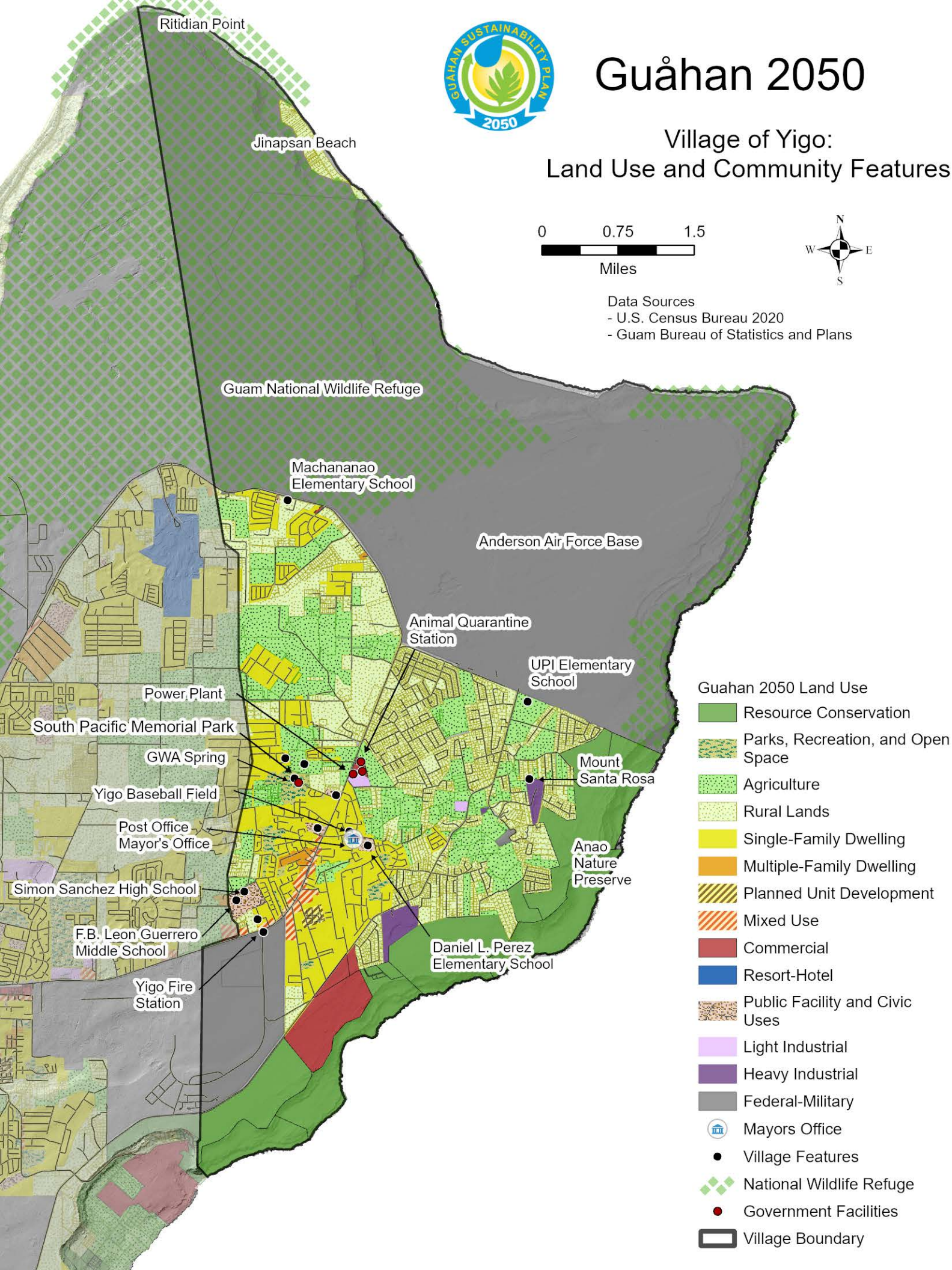
Guahan 2050

Village of Yigo: Land Use and Community Features



Data Sources

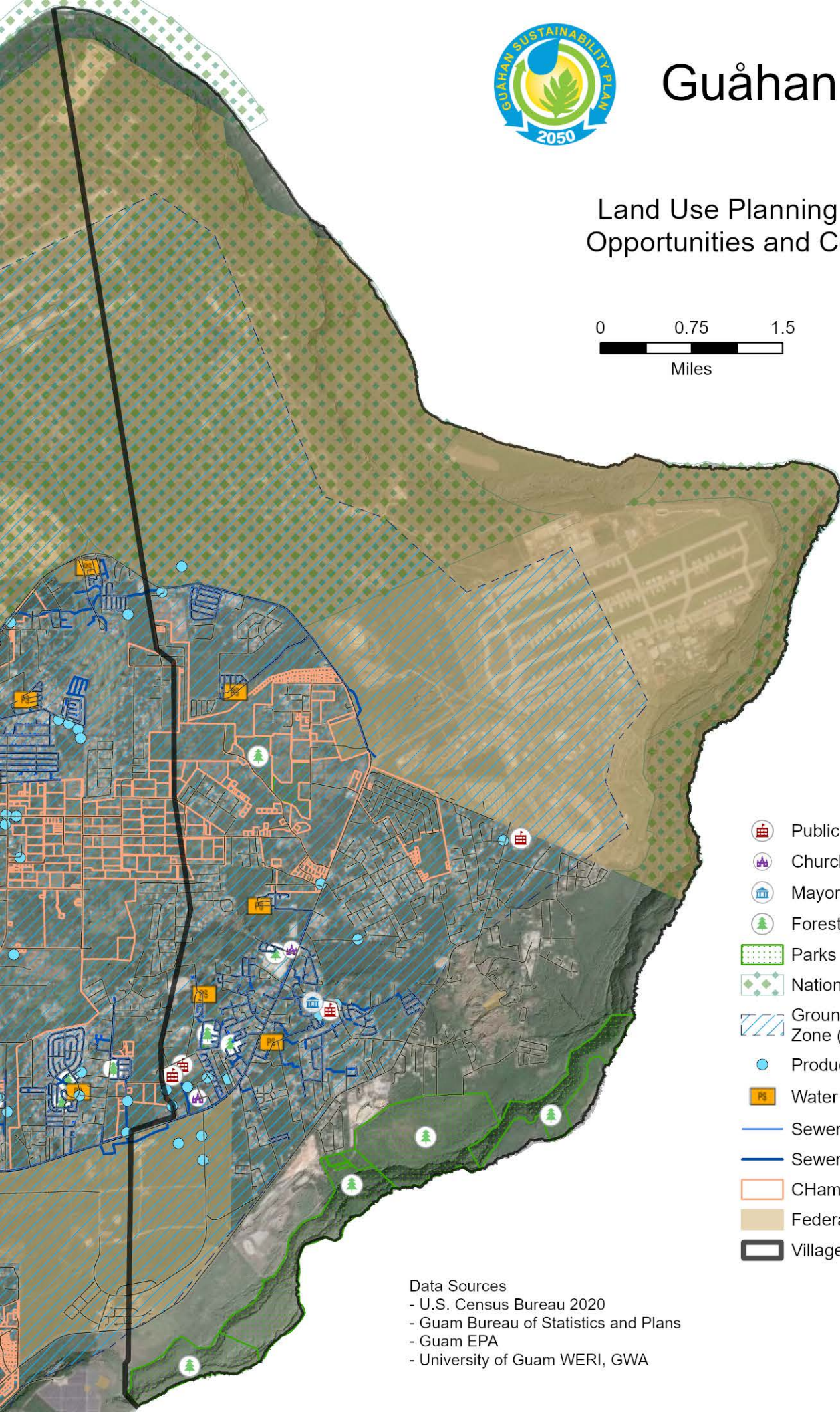
- U.S. Census Bureau 2020
- Guam Bureau of Statistics and Plans





Guåhan 2050

Land Use Planning for Yigo: Opportunities and Constraints



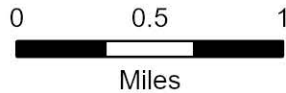
- Public Schools
- Churches
- Mayors Office
- Forest System Inventory
- Parks and Preserves
- National Wildlife Refuge
- Ground Water Protection Zone (1997)
- Production Well
- Water Pump Station
- Sewer Line (Lateral)
- Sewer Line (Main)
- CHamoru Land Trust Lands
- Federal Managed Lands
- Village Boundary

Data Sources
- U.S. Census Bureau 2020
- Guam Bureau of Statistics and Plans
- Guam EPA
- University of Guam WERI, GWA



Guahan 2050

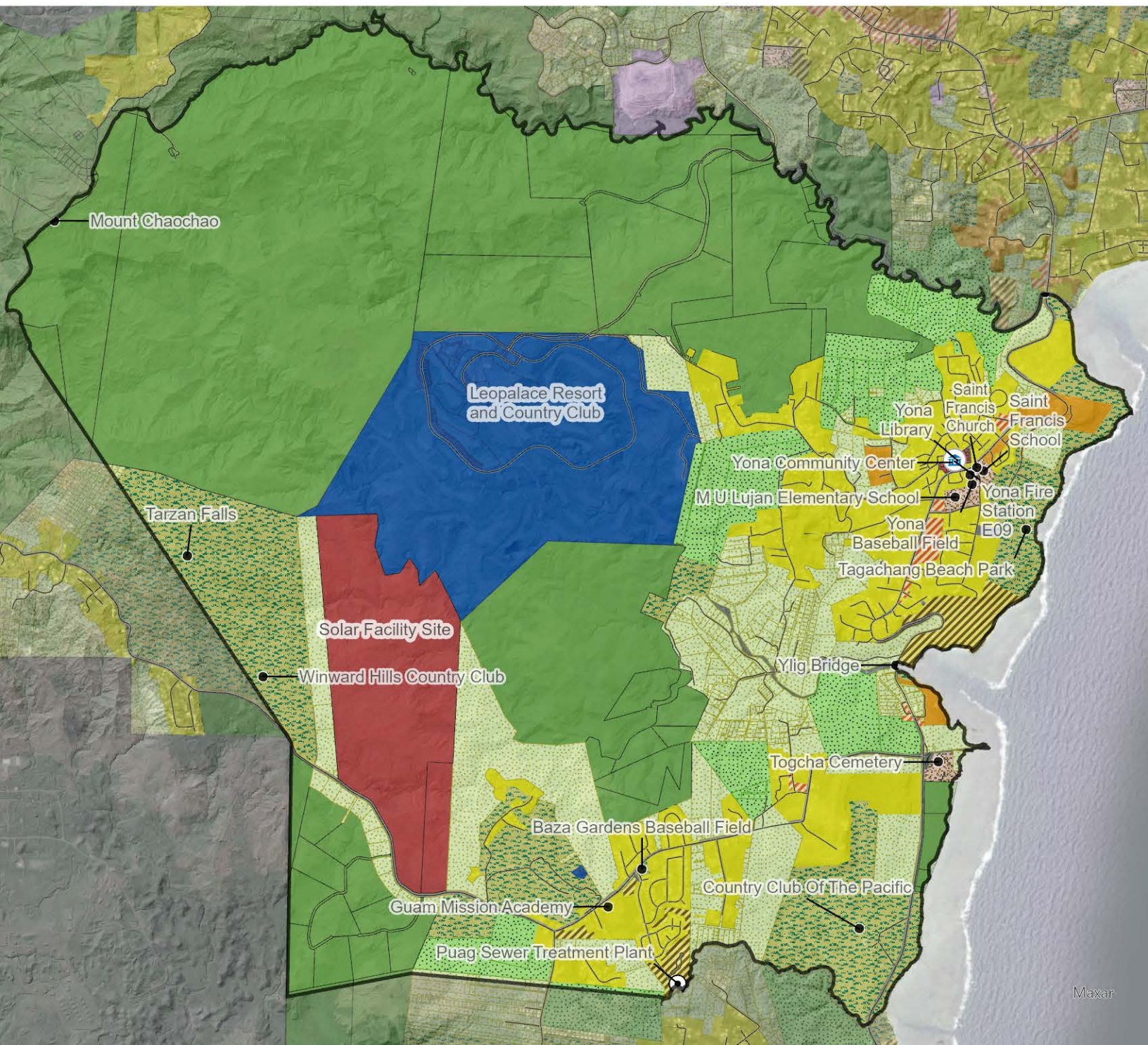
Village of Santa Yona: Land Use and Community Features



Guahan 2050 Land Use

- Resource Conservation
- Parks, Recreation, and Open Space
- Agriculture
- Rural Lands
- Single-Family Dwelling
- Multiple-Family Dwelling
- Planned Unit Development
- Mixed Use
- Commercial

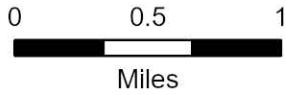
- Resort-Hotel
- Public Facility and Civic Uses
- Light Industrial
- Heavy Industrial
- Federal-Military
- Mayors Office
- Village Features
- Government Facilities
- Village Boundary



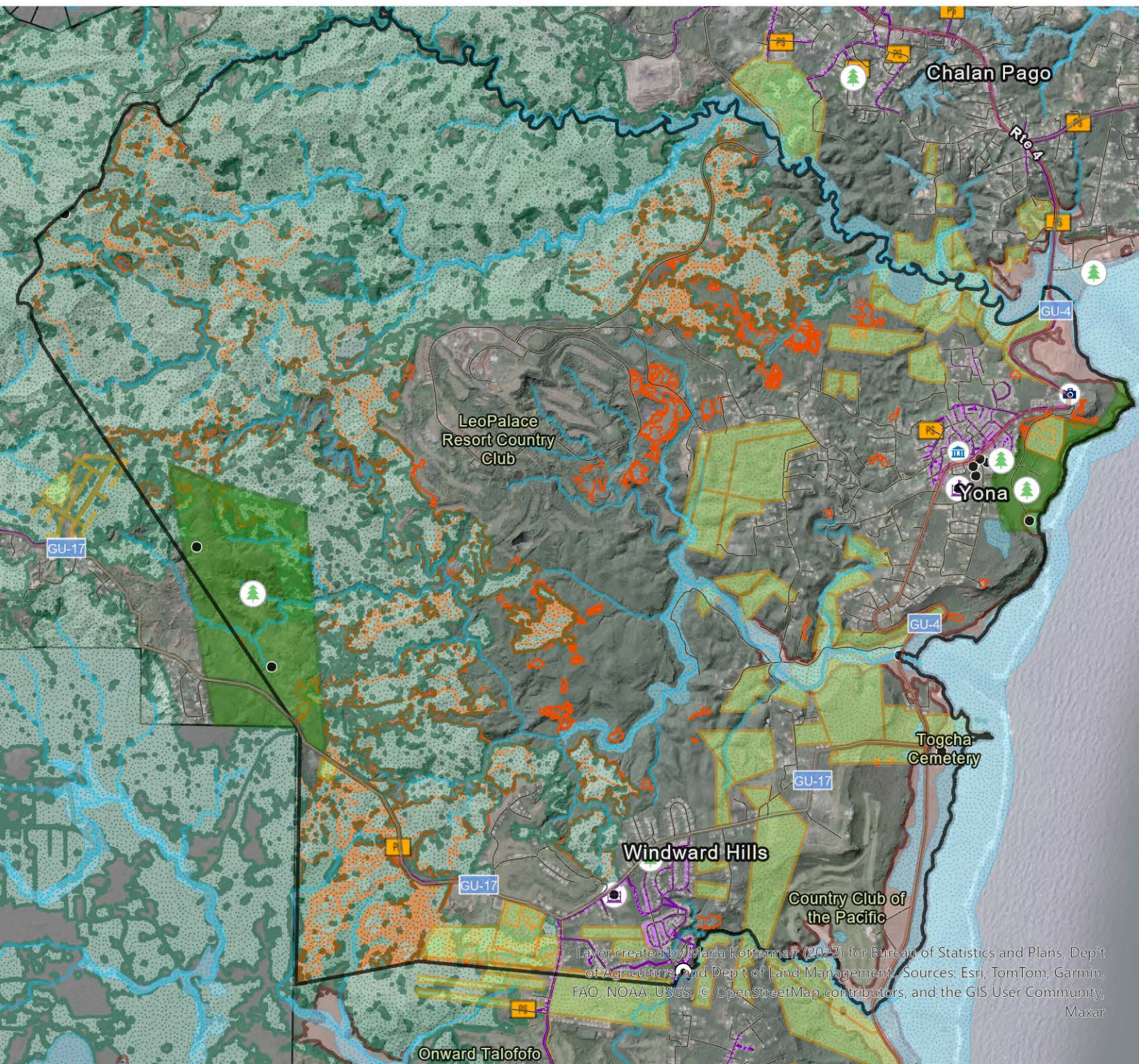


Guahan 2050

Land Use Planning for Yona: Opportunities and Constraints



- | | |
|--|-------------------------------------|
| Scenic Point or Viewshed | Pump Station |
| Forest System Inventory (Green Space, Parks, and Conservation) | Sewer Lateral |
| Rivers and Streams | Sewer Main |
| Mayors Office | Public_Schools |
| Village Features | FEMA Flood Zone |
| Government Facilities | Tsunami Evacuation Zone |
| Village Boundary | Guam HCP - Key Habitat Type |
| Guam Forest System Inventory | Potential Prime Agriculture Parcels |
| Production Well | Federally Managed Land |
| | Wildfire Impacts 2015-2024 |



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