

CAPITAL FACILITIES PLAN

7

appendix



APPENDIX 7. CAPITAL FACILITIES PLAN

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APPENDIX 7. Capital Facilities Plan

7.1 INTRODUCTION

Appendix 7 contains an inventory of facilities owned or operated by San Juan County, taxing districts, or public or private service organizations. These facilities are designated either Category “A” or Category “B” capital facilities. Facilities that are necessary to support development and that are required to be available concurrently with new development are considered Category “A.” Category “B” facilities also support development but are not required to be available concurrently with new development. This plan includes a narrative overview of each capital facility, service provided, and maps of existing and planned facilities. This plan aids San Juan County in maintaining existing facilities and ensuring there will be adequate facilities in the future as the County experiences growth.

Table 1 Category A and B Capital Facilities.

Category “A” Capital Facilities
Solid Waste
Community Water Systems
Community Sewage Treatment
Category “B” Capital Facilities
Government Administration
Public Works
Stormwater Utility
County Parks and Recreation
Public Schools
Fire Protection and EMS
Ports
Health and Services
Education and Recreation

Source: SJC Comprehensive Plan, Element 7 Capital Facilities (2009) Table 2.

Some capital facilities in San Juan County are funded by taxing districts. The following table shows San Juan County taxing districts and the capital facilities they fund. Additionally, lodging tax allows the County to contribute to funding educational and recreational facilities, such as the historical museums and performing arts centers on San Juan, Orcas and Lopez islands.

Table 2 Taxing Districts.

Taxing District	Island(s) Served	Capital Facility Funded
State Levy Part 1	All	Public Schools
State Levy Part 2	All	Public Schools
San Juan Island School District	San Juan, Pearl, Henry, Brown and Stuart	Public Schools
Port of Friday Harbor	San Juan	Ports
San Juan County Fire Protection District #3	San Juan, not including the Town of Friday Harbor	Fire Protection
San Juan County Fire Protection District #6	Stuart	Fire Protection and EMS
San Juan Island Library District	San Juan	Education and Recreation
San Juan Island Park And Recreation District	San Juan, including Town of Friday Harbor	Education and Recreation
San Juan County Public Hospital District #1	San Juan	Health and Social Services, EMS
Orcas Island School District	Orcas and Waldron	Public Schools
Port of Orcas	Orcas	Ports
San Juan County Fire Protection District #2	Orcas	Fire Protection and EMS
San Juan County Fire Protection District #5	Shaw	Fire Protection and EMS
Orcas Island Library District	Orcas	Education and Recreation
San Juan County Public Hospital District #3*	Orcas	Health and Social Services
Lopez Island School District	Lopez and Decatur	Public Schools
Shaw Island School District	Shaw	Public Schools
Port of Lopez	Lopez	Ports
San Juan County Fire Protection District #4	Lopez	Fire Protection and EMS
Lopez Island Library District	Lopez	Education and Recreation
San Juan County Public Hospital District #2**	Lopez	Health and Social Services
Solid Waste General District	All Islands except Lopez	Solid Waste
Lopez Solid Waste Disposal	Lopez	Solid Waste

Taxing District	Island(s) Served	Capital Facility Funded
County Current	n/a	Funds land conservations efforts. Not associated with capital facilities.
Conservation Futures	n/a	Funds land conservations efforts. Not associated with capital facilities.

Source: San Juan County 2025.

*Also known as Orcas Island Health Care District

**Also known as Lopez Island Hospital District

7.2 CATEGORY “A” PUBLIC FACILITIES

The concurrency requirements of this *Plan* requires that capital facilities and services be matched with development. Concurrency is required for the capital facilities and services that are designated in “Category A.” These are defined in Element B.7, Table 2 as:

- Solid waste and recycling facilities;
- Community water systems; and
- Community sewage treatment facilities, which serve urban growth areas, LAMIRDs (Limited Areas of More Intensive Rural Development), and Master Planned Resort activity centers.

For “Category A” capital facilities that the County does not provide, but which are necessary for development, the concurrency requirements will be implemented through issuance (or denial) of development permits.

7.2.1 SOLID WASTE

The San Juan County Department of Environmental Stewardship coordinates the private operation of solid waste disposal and facilities in the County. Solid waste is collected at transfer facilities located on San Juan and Orcas Islands, and a drop-box facility on Lopez Island. Solid waste is also collected curbside on ferry served islands and in dumpsters on non-ferry served islands by a state certificated hauler. These wastes are shipped via ferry or barge to either the San Juan or Orcas transfer stations or directly to the mainland. Once transported to the mainland, all solid waste is either transported by rail or long-hauled to a state-approved regional landfill in Washington. The islands experience a large seasonal increase in population (average 700,000 visitors/year, with 400,000+ visiting over summer June-Aug) due to part-time residents, friends and family, and tourists. The aggregate waste volume in the peak months (July-August) is approximately double the winter months’ (January - February) lowest volume. Approximately 25 percent of the solid waste stream is diverted to recycling.

Waste Transfer

Solid waste collection facilities are located on San Juan, Orcas, and Lopez islands. San Juan and Orcas islands can individually process up to 30 tons of solid waste daily. The Lopez Island facility can process up to 8 tons per day. Tractor-trailer trucks, with a capacity of 140 cubic yards each, haul solid waste to the mainland from the Orcas and San Juan transfer station facilities. Smaller 40-yard box trucks are used to haul solid waste from Lopez to the mainland.

San Juan Island

The public either self-hauls waste to the San Juan Transfer Station on Sutton Road or contracts for pickup with the Town of Friday Harbor (Town residents only) or San Juan Sanitation. San Juan Transfer Station is a private business run by Lautenbach Industries. Refuse is deposited directly into a 48-foot-long trailer from a covered tipping floor at the San Juan Transfer Station. Lautenbach Industries transports all refuse that comes to the San Juan Transfer Station to the Cowlitz County landfill for disposal. Daily trips are limited by the ferry schedule.

Orcas Island

The public either self-hauls waste to the Orcas Transfer Station located on Orcas Road or contracts for pickup with San Juan Sanitation. All refuse that comes to the Orcas Transfer Station (including Orcas, Shaw, the outer islands and San Juan Sanitation from Lopez) is transported by Orcas Freight Lines for Orcas Recycling Services (ORS) to the Skagit rail yard on the mainland. It is then loaded on railcars and transported to the Republic landfill in Roosevelt, Washington for disposal. Daily trips are limited by the ferry schedule. Orcas Transfer Station is managed by Orcas Recycling Services, a non-profit organization.

Lopez Island

The public either self-hauls waste to the Lopez drop-box facility located on Fisherman Bay Road or contracts for pickup with San Juan Sanitation. The Lopez drop-box facility is run by the Lopez Solid Waste Disposal District, a junior taxing district. Refuse is deposited directly into 40-yard boxes and the Lopez Solid Waste Disposal District (LSWDD) picks the boxes up on a roll-off truck and transfers them to the Skagit Transfer Station on the mainland where it is loaded on railcars and transported to the Republic landfill in Roosevelt, Washington for disposal. Daily trips are limited by the ferry schedule.

Table 3. 2025 San Juan County Solid Waste Facility Capacity Summary

Facility	Tax Parcel Number	Location	Disposal Capacity
San Juan Transfer Station	350234001000	Sutton Road North of Friday Harbor	22 - 30 Tons Per Day
Orcas Transfer Station	272734005000	Orcas Road Southwest of Eastsound	15 - 30 Tons Per Day
Lopez Drop-Box Facility	252322005000	Fisherman Bay Road By SJC Public Works Shop	3 - 8 Tons Per Day

Source: San Juan County Department of Environmental stewardship 2025

The Table below shows the available operating capacity and Level of Service (LOS) for solid waste facilities on San Juan, Orcas and Lopez Islands. The solid waste LOS calculations are explained in Attachment 2. All solid waste facilities meet and are projected to meet the established LOS up until approximately 2030 with San Juan likely reaching exceedance between 2030 and 2035 , especially during the summer months.

The County (Solid Waste General District) master planned and is currently the process of designing the expansion of the San Juan Transfer Station on the County owned Sutton Road property (TPN 350232004000). The process will take several years to permit, fund and implement. The goal is to add operational flexibility at the facility to handle the projected increases in volume of materials through 2050 and beyond.

Table 4 San Juan County Solid Waste Facilities Estimated LOS

San Juan County Solid Waste Facilities Estimated Level of Service (LOS), 2025 thru 2045

Facility	Year	Estimated Tons/day	Surplus Tons/Day	Available Capacity
San Juan (30 Tons/ Day Capacity)	2025	22.2	7.8	26%
	2030	28.3	1.7	6%
	2035	36.2	-6.2	-21%
	2040	46.6	-16.6	-55%
	2045	60.3	-30.3	-101%
Orcas (30 Tons/Day Capacity)	2025	16.4	13.6	45%
	2030	17.1	12.9	43%
	2035	17.9	12.1	40%
	2040	18.9	11.1	37%
	2045	20.1	9.9	33%
Lopez (8 Tons/Day Capacity)	2025	3.3	4.7	58%
	2030	3.3	4.7	59%
	2035	3.3	4.7	59%
	2040	3.2	4.8	60%
	2045	3.2	4.8	60%

San Juan Countywide	Actual Waste and Recycling Generation 2020-2024				
	2020	2021	2022	2023	2024
Tons of MSW Only	12,196	12,546	13,514	13,571	14,117
Tons of Recycle Only	1,872	2,680	1,845	2,018	2,039
Total Tonnage	14,068	15,226	15,359	15,589	16,156
	Estimated Waste and Recycling Generation 2025-2045				
	2025	2030	2035	2040	2045
Tons of MSW Only	13,193	15,298	17,856	20,970	24,772
Tons of Recycle Only	2,092	2,456	3,094	4,120	5,710
Total Tonnage	15,284	17,755	20,950	25,090	30,483

*Includes Town of Friday Harbor, San Juan Sanitation, and self-haul.

Recycling & Reuse

The San Juan County Solid Waste Program, emphasizes waste reduction, landfill diversion, and climate-conscious practices through a set of strategic, county-wide goals. These include increasing recycling rates by reducing contamination and expanding the types of materials accepted, as well as supporting the development of on-island processing infrastructure—particularly for glass and organic materials—to minimize reliance on off-island transport. The county also prioritizes education and outreach efforts to improve public understanding of proper sorting and the benefits of reuse. San Juan County works to strengthen partnerships among county departments, private haulers, nonprofits, and volunteers to create a resilient, island-specific waste management system.

Recycling drop-off centers are provided at each privately operated waste transfer facility on San Juan, Orcas, and Lopez Islands. Commingled (single source) recyclables are collected at the San Juan and Orcas Transfer Stations and curbside by the Town of Friday Harbor and San Juan Sanitation. Sortable recyclables are collected at the Lopez drop-box facility and the Orcas Transfer Station. San Juan Sanitation provides the Shaw and Blakely Island communities with drop-boxes for collection of commingled recyclables.

San Juan Island

The San Juan Island Transfer Station accepts commingled recyclable materials (including glass, plastics, and ferrous and non-ferrous metal), white goods such as appliances, antifreeze, aluminum cans and foil, tin cans, cardboard, bulk paper, newspaper, and used oil. The Town of Friday Harbor offers curbside commingled recycling services within the Town. In the County, San Juan Sanitation provides curbside commingled recycling services.

Lautenbach and San Juan Sanitation transport commingled recyclables to a materials recovery facility (MRF) in Woodinville, Washington. At the MRF, commingled recyclables are sorted into commodities such as plastic, paper, or various metals, so that they can be used as materials for remanufacture. Scrap metals and appliances are taken to Skagit River Steel and Recycling Company. Electronic waste (E-waste) is collected at the San Juan Transfer Station and transported by Orcas Freight Lines to various permitted processors in the Puget Sound area. Current information on what is recyclable at the San Juan Transfer Station can be found at: <https://sanjuantransferstation.com/prices>.

Orcas Island

Orcas Recycling Services (ORS) manages recycling operations at the transfer station. They accept commingled recyclable materials (including glass, plastics, ferrous and non-ferrous metal), white goods, batteries, fluorescent bulbs, antifreeze, aluminum cans, tin cans, bulk paper, cardboard, newspaper, and used oil. A baling system processes cardboard, aluminum, steel, and plastics #1 and #2, making materials easier and more cost-effective to transport. A glass crusher allows ORS to handle glass on-site rather than shipping it off-island, reducing transportation costs and emissions. Yard waste and clean wood are accepted and mulched for local sale, helping to divert organic waste from the landfill while supporting local gardening and landscaping efforts.

Orcas Recycling Services and San Juan Sanitation transport commingled recyclables to a MRF in Woodinville, Washington for processing and remanufacture. Scrap metals and appliances are taken to Skagit River Steel and Recycling Company. E-waste is collected by ORS and transported by Orcas Freight Lines to various permitted processors in the Puget Sound area.

ORS operates The Exchange, a reuse center that accepts a wide range of household goods, tools, building materials, and more. The Exchange plays a crucial role in reducing waste through community-based reuse and resale. In 2023, it diverted over 250 tons of material from the landfill. This model promotes a circular economy and supports local affordability by providing low-cost or free items to the community.

Lopez Island

The Lopez Island drop-box facility accepts a wide-range of sortable recyclables including glass, plastics, ferrous and non-ferrous metal, white goods, antifreeze, aluminum cans, tin cans, cardboard, newspaper, bulk paper products, and used oil. Sorted recyclables are transported by Lopez Solid Waste Disposal District (LSWDD) to Skagit River Steel on the mainland for processing. E-waste is collected by LSWDD and transported by Orcas Freight Lines to various permitted processors in the Puget Sound area.

LSWDD also operates a Take-It-Or-Leave-It (TIOLI) exchange area, where residents can leave usable items and take what they need at no cost. In addition, the facility accepts building materials, books, and household items for reuse. Volunteers help manage and organize donations, which are redistributed to the community or sold at minimal cost. This strengthens the island's waste reduction practices and builds community resilience through resource sharing.

Composting of Organic Materials

While there have been workgroups and outreach efforts in the past, the County has not constructed a commercial composting facility or provided composting services at its solid waste facilities. Based upon statistics from the Washington Department of Ecology (Ecology), approximately 30 percent of the total waste stream is estimated to be organic waste suitable for composting. Future diversion of organic waste to a commercial composting system would correspond to a reduction in the associated costs of transporting and disposing of the organic waste to the mainland as garbage. Of the two main sources of organic waste, kitchen scraps and yard waste, only yard waste can be accepted for composting in San Juan County in 2025. Kitchen or food scraps become refuse unless a resident decides to practice home composting. Yard waste (that is free of noxious weeds) can be composted at conditionally-exempt composting operations on Lopez Island and San Juan Island (small-scale, farm composting operations). On Orcas Island, ORS has begun grinding yard waste for making soil amendment through a contractor. As markets for recycling continue to return less revenue and make facility operations more costly, and as the County's permanent and seasonal populations continue to grow, the County will work with its stakeholders to find other solutions such as commercial composting and diversion of usable wood (for chips or heating) to reduce waste, control costs, and steward resources. To promote climate and air-quality friendly practices, the outdoor open burning of woody materials is discouraged.

Refuse Collection

San Juan Sanitation, the County's certificated hauler, based on Orcas Island, provides refuse collection service on San Juan, Orcas, Lopez, Shaw, Blakely, and Decatur Islands. The hauler operates 20-yard compactor trucks that move from island to island on a regular schedule. When the truck is full, the material is transported to the Orcas Transfer Station for disposal. San Juan Sanitation also offers rural commingled recycling pickup for their customers. This is also accomplished with the hauler's 20-yard packer trucks. The collected material is taken to San Juan Sanitation's facility on Orcas Island for transport to the mainland.

The Town of Friday Harbor operates a municipal refuse collection service for its residents using a compactor truck. Collection service is mandatory within town limits and rates, rules, and regulations for solid waste handling, collection, and disposal are established by ordinance. In general, residential refuse is collected once per week, and commercial establishments that generate large amounts of refuse are provided more frequent collection services as needed.

The Town also provides a commingled recyclable collection service for its residents twice per month. Town refuse and commingled recyclables are transported to the San Juan Island transfer facility on Sutton Road.

Hazardous Waste

No industry in the County has been identified as a hazardous waste generator. There are conditionally exempt small quantity generators in the County and household hazardous waste generators. This waste is handled through annual collection events offered on San Juan, Lopez, and Orcas Islands. County residents may bring up to 25 gallons of their household waste to these events for no charge. The County also offers collection events occasionally on Shaw Island and the outer islands (i.e., Stuart, Waldron, Decatur, and Blakely). With few exceptions, the Washington State Department of Transportation ferry system prohibits the transport of hazardous waste on board its vessels. This regulation limits the extent that collection events are equally available to residents of all of the County's islands. These are one-day events that are advertised in local media and they accept waste from all the islands. Additionally, Orcas Recycling Services accepts household hazardous waste at quarterly collection events at the Orcas Island Transfer Station through use of their hazardous waste locker installed in 2018. The offerings are primarily funded through grants from Ecology, although a County match of a lesser amount is usually required. A private contractor is engaged to package, ship and arrange treatment or disposal of all hazardous waste.

Derelict Vehicles, Vessels, and Tires

The County works with private owners to dispose of derelict or junk vehicles through the Sheriff's Office, Public Works, and the Health Department (if part of a cleanup site). The County's Department of Environmental Stewardship works with private owners, the Ports, the State (Department of Natural Resources and Department of Ecology) and private contractors to address derelict vessels (sunk or abandoned) and marine debris. Abandoned tires are the responsibility of private property owners to properly dispose at County facilities. The County, in partnership with the State, may also periodically support a tire round-up to help remove excess tires in an amnesty program, to help protect the environment.

7.2.2 COMMUNITY WATER SYSTEMS

Background

Water supply is a critical natural resource in the San Juan Islands. Available fresh water supplies result only from precipitation, which is relatively low due to the County's location in the Olympic Mountain rain shadow. The County does not have rivers fed by mountain runoff or snowmelt. The situation is further complicated by limited surface water, which stores runoff from rainfall. Only a small percentage of the water that falls on the islands percolates into localized underground aquifers, and drinking water supplies are variable across the County. Some areas are experiencing limited or declining supplies. Much of the County's land base is undeveloped and potential future development could increase demand for the County's water resources. San Juan County does not provide water treatment or distribution services to residents.

The majority of water use in the County is for consumptive purposes. It is supplied by the many small public water systems, using both ground and surface sources. Single domestic supplies (from wells and small surface impoundments) are a lesser, but significant, source of domestic supply. Irrigation for agriculture is the smallest portion of consumptive use in the County.

Groundwater sources provide water for the majority of the population in San Juan County. There are over 5,000 wells county-wide, serving 55 percent to 60 percent of the population. Surface water is also an important source of fresh water, serving approximately 35 percent of the County's population.

Public water systems in the County are divided into Group A and B water systems. Group A water systems have 15 or more service connections or serve at least twenty-five people sixty or more days

per year. Group B water systems serve no more than fifteen connections and less than twenty-five people per day. Some water systems are categorized as Group A-TNC. These systems are Group A water systems that serve a population that changes from day to day.

There are approximately 351 small public water systems (Group A and B systems) in the County. Additional information on water resources is contained in the Water Resources Element (Element 4) and Appendix 4 of this *Plan*.

Activity Centers

San Juan Island - Friday Harbor Urban Growth Area

The Town owns and operates a municipal water system that serves both the Town and portions of unincorporated San Juan County. The system is classified by the State of Washington Department of Health (DOH) as a Group A community public water system. Water is supplied to the Town of Friday Harbor from the following surface water sources: (1) Trout Lake, (2) Overflow from Lake 310 pumped into the Trout Lake watershed and (3) water pumped seasonally to Trout Lake from a stream to the east. Water is distributed in approximately 30 miles of pipeline, ranging from 4 to 12 inches in diameter. Most of the older 4 to 10 inch-diameter pipes are AC or cast iron, while most of the more recently installed pipe is polyvinyl chloride (PVC) and ductile iron (DI).

Anticipated long-term growth in water system demands continues to have the potential to approach the annual sustainable capacity limits of the Town's existing Trout Lake and associated water supply sources. Supply expansion and/or increased future water conservation may be needed within the next 15 to 20 years to meet projected water supply needs.

Trout Lake total water storage capacity is 468 million gallons. The Town's water supply system level of service (LOS) standards for water treatment, distribution, and storage include the following:

- Source of Supply: 168 million gallons annually, which is the standard for the currently adopted *Water System Plan* per WAC 246-290;
- Treatment: 340 GPCD (gallons per capita per day);
- Distribution: State requirements for minimum fire flow as defined the *Water System Plan*; and
- Storage: 500 GPC (gallons per capita) with a base of 0.015 MG (million gallons) for fire protection.

San Juan Island - Roche Harbor

The Roche Harbor area is provided with water service by Roche Harbor Water System, Inc. (RHWS). This Group A Community (Class 1) water system is approved to serve an "unspecified" number of connections. This approval assumes a maximum water production of 504,000 gallons per day. The water system currently provides service to 610 customers of which 570 are residential and 40 are Roche Harbor Resort owned connections.

The source for the RHWS water system is Roche Harbor Lake (a.k.a. Briggs Lake). The lake is located in the hills southeast of Westcott Bay, about two miles southeast of the Resort. From the lake, raw water is conveyed by gravity through two parallel transmission pipes to a water treatment plant located on Roche Harbor Road at the head of Westcott Bay. From the treatment plant the water is pumped to the system's storage reservoir of 445,000 gallons located on a hill east of the treatment plant. The service area for the water system is mostly located within a radius of about 1.5 miles of the primary storage reservoir.

In 2024, total treated water production was 38,379,266 gallons. Net consumption was 36,213,897 gallons less backwash, line flushing and loss. Of that amount, the Resort used 27 percent (9,649,510 gallons), and 73 percent (28,151,191 gallons) served 570 non-resort residential connections. The average daily use per connection was 135 gallons per day (GPD) per residential connection.

Table 5 2025 San Juan Island Community Water Systems Serving Activity Centers.

Community System	Activity Center	Active Hookups	DOH Approved Connections	Service Area Population	Water Source	Capacity Average (GPM)
Friday Harbor Water System	Friday Harbor	1,906	Unspecified*	2,486	Trout Lake	700
Roche Harbor Water System, Inc.	Roche Harbor MPR	626	Unspecified*	N/A	Briggs Lake	350

Source: Washington State Department of Health Sentry Data Base 2025

*Department of Health has not specified a limit to the number of memberships to the Friday Harbor Water System or Roche Harbor Water System and expects Trout and Briggs Lakes to have the capacity to serve the systems for the foreseeable future.

The table below shows the current operating capacity and Level of Service for community water systems serving activity centers on San Juan Island. Attachment 2 provides the LOS measurement calculation. LOS for community water systems serving activity centers is LOS F.

Table 6 San Juan Island Community Water Systems Serving Activity Centers Level of Service (LOS)*.

System	Operating Capacity	Surplus Connections	LOS
Friday Harbor	n/a	n/a	n/a (or A)
Roche Harbor	n/a	n/a	n/a (or A)

***ADOPTED LOS STANDARD: F**

Sources: 2009 SJC Comprehensive Plan, Element 7, Capital Facilities; WA State Department of Health Sentry Data Base 2025

Orcas Island

Eastsound Urban Growth Area

The Eastsound Water Users Association (EWUA) provides water to association members in the greater Eastsound area, which includes the Eastsound Urban Growth Area (UGA). The EWUA system currently consists of 6 groundwater wells, Purdue Lake, and a 295 gallon per minute (GPM) treatment plant. The EWUA has infrastructure and reserve capacity to serve all properties in the Eastsound UGA. EWUA’s most recent water system plan was approved in 2023. The system’s current approved production capacity is 295 GPM.

Since the approval of the *2009 Water System Plan* growth in EWUA’s service area has averaged 1.1 percent growth, while the plan anticipated growth of 3.41 percent. EWUA has also secured additional water rights and production capacity for an additional 250 GPM. This is in addition to the 295 GPM existing capacity for a total capacity of 545 GPM.

EWUA is using its finite water resources with increasing efficiency. In 2019, EWUA served more connections using less water than in past years. In 2000, EWUA used an average of 84,000 gallons per day (GPD) per equivalent residential unit (ERU); however, in 2019 the average was 40,000 GPD per ERU. System efficiency has shown noticeable improvement over the course of the last two decades. This improvement can be attributed to less water loss due to water main leaks and overflowing storage tanks, more efficient fixtures and appliances in homes, and efficiency improvements at the water treatment plant.

Based on the anticipated growth rates and steady increases in % occupancy, there will be a deficit of source capacity to meet needs beginning in the year 2026. The planned source additions/improvements listed below will address this forecasted deficit. Planned additional future sources of supply include the following, and are discussed in further detail in Chapter 8 of the 2023 Water System Plan for Eastsound Water Users Association:

- Clark Well: Anticipated 150 gpm, 180,000 gpd maximum production capacity
- Greer Wells: Anticipated 87 gpm, 104,400 gpd maximum production capacity
- Replacement of Purdue WTP to increase capacity to match water right of 300 gpm

Table 7 2025 Orcas Island Community Water Systems Serving Activity Centers

Community System	Activity Center	Active Hook-ups	DOH Approved Connections	Service Area Population	Water Source	Capacity Average (GPM)
Eastsound Water Users Association*	Eastsound	1,348	Unspecified**	2,311	Purdue Lake 6 wells	295 avg.
Olga Water Users, Inc.	Olga Hamlet	130	165	236	Cascade Stream	200
Doe Bay Water Users Association	Doe Bay Hamlet	290	409	281	Mountain Lake	140
West Sound Water Association	Westsound Hamlet	38	49	170	Well #1 #2	36
					Well #1	36
					Well #2	36
					Well #3	36
					Well #4	36
Orcas Landing	Orcas Village	28	35	13	Well #1	4
					Well #3	6
					Well #8	35
					Killebrew	8
Rosario Water System	Rosario MPR	236	376	588	Cascade Lake	233
Resort at Deer Harbor	Deer Harbor	35	51	190	Well 2	20
					Well 4	5
					Well 3	5
West Beach Resort	West Beach Resort	43	44	76	Spring	3
					AGK133	18

Source: Washington State Department of Health Sentry Data Base

*Eastsound Water Users Association Water System Plan (2022)

**Department of Health has not specified a limit to the number of memberships to Eastsound Water Users Association and expects the source to have the capacity to serve the system for the foreseeable future.

The table below shows the current operating capacity and LOS for community water systems serving activity centers on Orcas Island. Attachment 2 provides the LOS measurement calculation. LOS for community water systems serving activity centers is established at LOS F. According to the data from the DOH Sentry Database, all Orcas Island systems meet the established LOS F except West Beach Resort. West Beach Resort, as a Master Planned Resort, is not required to accommodate population growth and, therefore, does not need to maintain the adopted LOS standard.

Table 8 2025 Orcas Island Community Water Systems Serving Activity Centers Levels of Service (LOS)

Community System	Percent Operating Capacity	Surplus Connections	LOS
Eastsound Water Users Association	unspecified**	unspecified**	A
Olga Water Users, Inc.	79	35	A
Doe Bay Water Users Association	71	119	A
West Sound Water Association	78	11	A
Orcas Landing	80	7	B
Rosario System	63	140	A
Resort at Deer Harbor	69	16	A
West Beach Resort	98	1	F

***ADOPTED LOS STANDARD: F**

Sources: 2009 SJC Comprehensive Plan, Element 7, Capital Facilities; WA State Department of Health Sentry Data Base

**Washington State Department of Health has not specified a limit to the number of memberships to Eastsound Water Users Association and expects the source to have the capacity to serve the system for the foreseeable future.

Lopez Island

Lopez Village Urban Growth Area



Fisherman Bay Sewer District (FBSD) currently serves the Lopez Village UGA, the Marine Center Limited Area of More Intense Rural Development (LAMIRD), portions of the Growth Reserve Area, and a small part of Rural Farm Forest along Fisherman Bay Road. The FBSD also serves the Lopez Island School District as a contract customer.

Vacant land within the district is slowly being developed but there are occasional multi-unit projects being built. The largest of these is a 28-unit development planned by Lopez Landings Partners for land within the UGA to be built in stages during the next decade. At build-out this project would bring the FBSD ERU's to 407 or 77 percent of current capacity.

FBSD has no plan to expand the service area because build-out of the current service area would put it at or over capacity. Sale of Equivalent Residential Units (ERU's) for new connections will help fund planned capital improvements. As FBSD moves forward, construction of a new anaerobic cell and treatment pond will be a priority. That would allow consideration of expanding the service area.

The Milagra Water System is a Group A water system. It has two wells, each with a capacity of 14 connections. The existing capital facilities are sufficient for up to 42 connections and the water rights are sufficient to meet the demands of 72 connections. With sufficient capital investment in storage tanks and distribution infrastructure, it would be possible for the Milagra System to supply a minimum of 107 connections, possibly more.

Mackay Harbor Water District supplies water to much of the south end of Lopez Island. It consists of two wells, a 30,000 gallon water storage tank, a hydro-pneumatic pressure system and a network of underground distribution pipes.

Table 9 2025 Lopez Island Community Water Systems Serving Activity Centers.

Community System	Activity Center	Active Hookups	DOH Approved Connections	Service Area Population	Water Source	Capacity Average (GPM)
Milagra Water System	Lopez Village	16	42	31	Well #1	14
					Well # 1&2	27
					Well # 3	14
MacKay Water District	MacKay Harbor	53	65	56	Well #1	45
					Well #1&2	45
					Well #2	45
Fisherman Bay Water Association	Lopez Village	185	226	245	Well #1	35
					Well #2	35
					Well #3	35
Normandy Heights Owners Association	Marine Center LAMIRD	4	Undetermined*	18	AGK 125	55
Lopez Islander Resort	Marine Center LAMIRD	34	Undetermined*	N/A	Well #1 Well #2 Well #3	
Fleming/Wallis	Island Center	2	Undetermined*	4	WELL #1: AEE348	4
Lopez School District #144	Island Center	3	Unapproved*	402	School Well	3
					Pottenger Well AAE792	10
					Gallanger Well	4
OPALCO Lopez Water System	Island Center	1	1	0	Well #1	15

Source: WA Department of Health Sentry database 2025. *Some water systems, particularly nonresidential ones, do not have a maximum number of approved connections by the Department of Health (DOH).

The table below shows the current operating capacity and Level of Service for community water systems serving activity centers on Lopez Island. Attachment 2 provides the LOS measurement calculation. LOS for community water systems serving activity centers is established at LOS F. All systems on Lopez Island meet the established LOS F. Some water systems, particularly nonresidential

ones, do not have a maximum number of approved connections by the DOH. Operating capacity and LOS are not applicable to these systems.

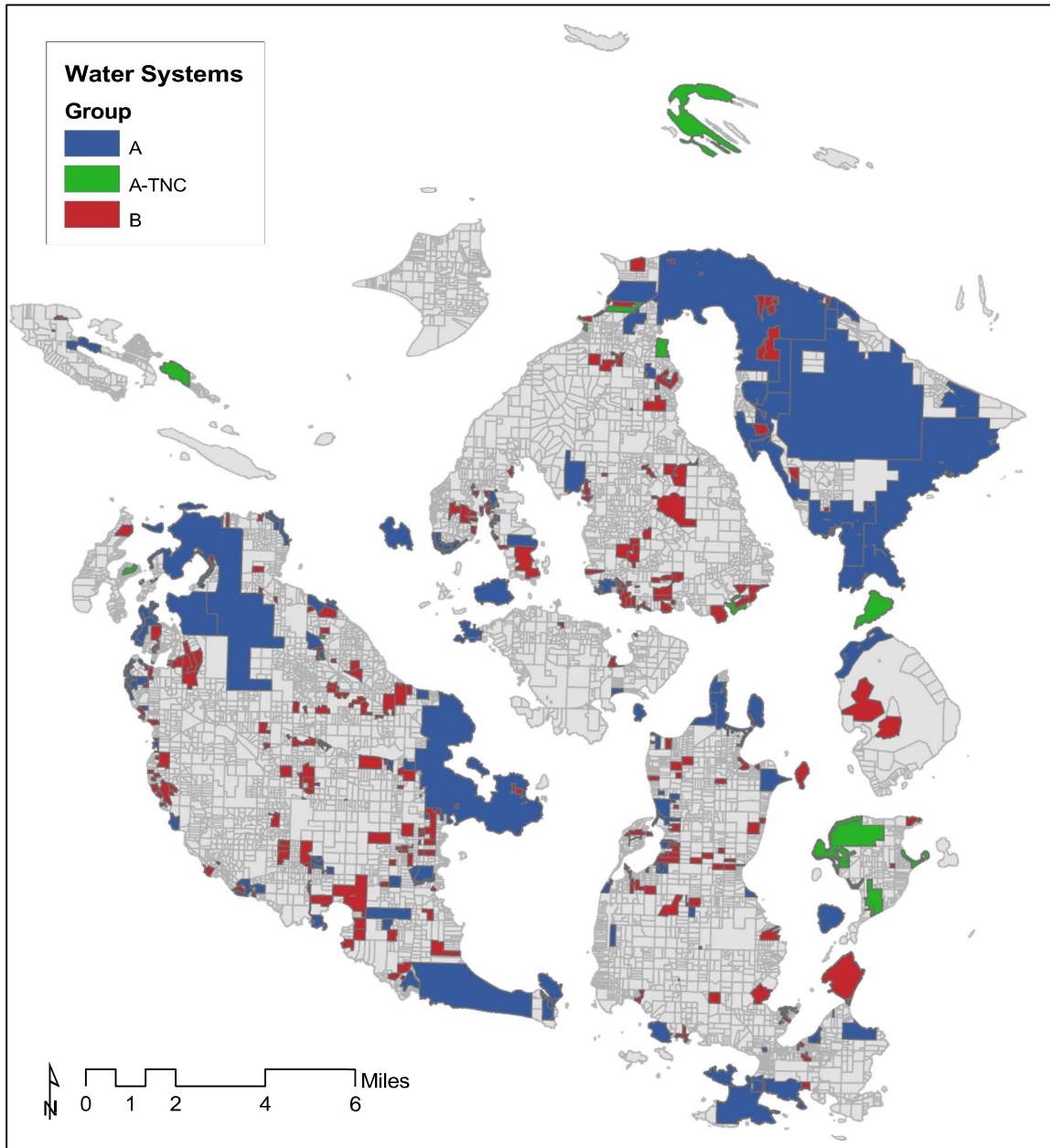
Table 10. 2025 Lopez Island Community Water Systems Serving Activity Centers Level of Service (LOS).

Community System	Percent Operating Capacity	Surplus Connections	LOS
Milagra Water System	38	26	A
Fisherman Bay Water Association	76	60	A
Normandy Heights Owners Association	n/a	n/a	n/a
Islander Lopez Marina Resort	n/a	n/a	n/a
Fleming/Wallis	n/a	n/a	n/a
Lopez School District #144	n/a	n/a	n/a
OPALCO Lopez Water System	100	0	F

***ADOPTED LOS STANDARD: F**

Sources: 2009 SJC Comprehensive Plan, Element 7, Capital Facilities; WA State Department of Health Sentry Data Base 2017

Map 1
Group A and Group B Water Systems



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This map is a graphic representation derived from San Juan County's Geographic Information System. It is designed and intended for reference only, and is not guaranteed to survey accuracy. Information represented in this map is subject of change without notice.

7.2.3 COMMUNITY SEWAGE TREATMENT SYSTEMS

Introduction

San Juan County does not provide sewage collection or treatment services. Friday Harbor residents are served by the Town's municipal sewer system and wastewater treatment plant. The Eastsound and Orcas Landing populations are served by the Eastsound Sewer and Water District, and Lopez Village residents and some surrounding areas are served by the Fisherman Bay Sewer District. Other smaller private sewer systems provide treatment for residents of Roche Harbor, Deer Harbor, and Rosario Resort. Property owners living in other unincorporated areas rely on individual sewage disposal systems.

State law requires that private utilities may operate sewer systems if there is an enforceable contract with a public agency for the assumption of operation under certain conditions. In order for the County to enter such a contract it must comply with RCW 36.94.030 by adopting a general sewer plan as an element of the Comprehensive Plan. RCW 36.94 also requires a recommendation from a committee appointed by the County Council and a public hearing by the Council, followed by submittal to the state Departments of Health and Ecology.

Sewage Treatment Systems

San Juan Island

Friday Harbor

The Town of Friday Harbor wastewater system currently serves approximately 751 service connections, with 12 connections located out-of-town, including the University of Washington Friday Harbor Laboratories. Wastewater facilities include a conveyance system, wastewater treatment facility, bio solids processing, and effluent disposal with an outfall in the marine waters of Friday Harbor. The majority of Town residents are served by the wastewater collection system, with the exception of 11 households that are still on septic systems. As the Town allows for the addition of seepage to its wastewater system, the waste from these residences receive treatment at the time of pumping. The Town's *General Sewer Plan* (updated in 2001) provides detailed descriptions of the existing system and its needs.

The collection system collects and transports wastewater from households and businesses to the wastewater treatment plan and includes over 40,000 linear feet of sewer pipeline. As with many systems in Western Washington, the major issue influencing the system's capacity is infiltration and inflow, which refers to groundwater that enters the collection system through cracks in pipes and loose connections (infiltration) and surface water that enters the system (inflow) through cross connections with storm drains and downspouts, area drains, or ponding over manhole covers. Infiltration and inflow use up required capacity within the collection system and treatment plant that could otherwise accommodate growth. Infiltration and inflow is seasonal, with peak flows occurring during winter months.

The treatment (secondary) plant is located at the southwest corner of Harbor Street and Tucker Avenue, last upgraded in 2001, has awarded a construction contract for a major upgrade of current systems and adding an additional sequencing batch reactor (SBR). The upgrade will increase system capacity by approximately 30%. The upgraded system utilizes an extended aeration activated sludge process

Appendix 7

Capital Facilities Plan

with sequencing batch reactors and ultraviolet lighting for effluent solids and disinfection control. Waste solids are temporarily held in an aerated basin, then run through a sludge dewatering system, and the resulting solids are hauled off-island. The Town's current plant design capacity is 690,000 average gallons per day (GPD) with 2.6 million GPD peak capacity; and 690 pounds average biochemical oxygen demand (BOD) waste solids per day and 1,600 pounds BOD with per day peak capacity.

Roche Harbor

Roche Harbor

The Roche Harbor wastewater treatment system services 100 percent of the Master Planned Resort (MPR). The MPR includes the resort, marina and village residential homes, and 10 adjacent single-family properties. The system is approved for a maximum of 129,600 gallons per day of influent, based on a monthly average. The current peak treatment day was 60,980 58,120 gallons on July 4th, 2, 2025. This is approximately 47 percent of approved maximum capacity. The collection system is via gravity trunk lines and two main lift stations.

The existing treatment plant is an extended aeration activated sludge package plant with a settling basin, and a large polishing pond that is divided into an upstream aerated section (stabilization pond) and a downstream settling section (facultative lagoon). The treatment plant has a surge tank at the front end of the process to provide flow equalization, and a UV system to disinfect the treated effluent prior to discharge into Roche Harbor via a 700 foot submarine line into Roche Harbor. The system utilizes an activated sludge extended aeration package plant followed by an extended aeration pond. Final treated effluent is exposed to UV light for disinfection then discharged.

Orcas Island

Eastsound

The Eastsound Sewer and Water District (ESWD), a Special Purpose District of San Juan County, provides municipal sewer service to Eastsound and surrounding areas. The sewer system was initially funded through grants and a Utility Local Improvement District but is now fully funded by customer rates and charges, with no tax revenue or special assessments.

ESWD operates a Septic Tank Effluent Pumping (STEP) collection system, in which each connected property has its own septic tank and effluent pump. This setup provides pretreatment by removing solids and reducing organic load before the wastewater is conveyed to the treatment plant.

The treatment plant, located at 143 Cessna Road, historically operated with two extended aeration treatment trains and a design flow capacity of 160,000 gallons per day (GPD). As of 2025, ESWD completed Phase I of a major upgrade, adding a third treatment train configured for biological nutrient removal using a 4-stage Bardenpho process. This expansion increased the facility's total design capacity to 240,000 GPD, a 50% increase. The project also included a new flow splitter, upgraded aeration systems, and a UV disinfection system, replacing the former chlorine contact basin. Phase II, expected to be completed in 2026, will refurbish the original two trains to match the new configuration, creating consistent operations across all treatment units.

Treated effluent is discharged to President Channel, while solids are dewatered on-site and transported to the San Juan County Transfer Station for disposal.

These upgrades were driven by the need for redundancy, aging infrastructure, and anticipated regulatory requirements under the Puget Sound Nutrient General Permit. They also position the

District to meet future nutrient effluent limits and accommodate projected growth within the Eastsound Urban Growth Area.

Thanks to careful planning and proactive investment, the District is now well-positioned to serve the Eastsound community for decades to come—supporting growth, protecting public health, and preserving the surrounding environment.

Orcas Landing

The existing Orcas Landing sewage treatment facility is managed by the Eastsound Sewer and Water District (ESWD) and operates using a gravel filter process. As of 2025, the facility continues to function well within its design limits, with no expansion currently needed. The operating capacity is approximately 56% of total design capacity, based on recent performance data.

Lopez Island

Lopez Village

FBSD provides sewage treatment service to residents of Lopez Village and Eastshore North. Currently the district is serving 379 ERUs, 72 percent of their permitted capacity. In 2009, construction of an effluent storage pond was completed, a reconfiguration of the existing lagoon. For this system, one ERU equals 100 GPD during the summer months and 93 GPD during the winter months. Following the lagoon project, the facility was rated to a capacity of 530 ERUs. The FBSD has a Septic Tank Effluent Pumping (STEP) pressure collection system with an anaerobic pretreatment cell, a lagoon with two aerated cells and one settling cell, a constructed wetland to polish the effluent, and a chlorine disinfection system with a four inch-diameter outfall pipe that stretches half a mile out into the San Juan Channel and has a diffuser.

Each residence and business has a FBSD maintained individual septic tank system with an attached sump with its own small electric sump pump. The pumps send effluent through the sewer system to the secondary treatment plant. The plant then discharges the treated effluent into Puget Sound. FBSD pumps and disposes of sludge from all the tanks in the district as part of its regular service to customers.

The *2008 Fisherman Bay Sewer District Wastewater Master Plan* shows that the district's service area now includes all of the parcels within the Lopez Village UGA. The FBSD has retained the right to serve parcels outside of the UGA that had been part of Utility Local Improvement Districts (ULIDs) prior to the establishment of the GMA. The FBSD master plan contains three alternative scenarios for meeting the projected demands for future growth.

County Community Sewage Treatment Facilities

The table below shows the current operating capacity, available capacity, and LOS for community sewage systems in San Juan County. Attachment 2 provides the LOS measurement calculation. LOS for community water systems serving activity centers is established at LOS F. All systems in the County meet the established LOS F. Olga and Westsound are activity centers on Orcas Island that do not have community sewage treatment facilities. Instead, there are individual septic systems in Olga and Westsound.

Table 11. Community Sewage Treatment Facilities Serving Activity Centers and Level of Service (LOS)*.

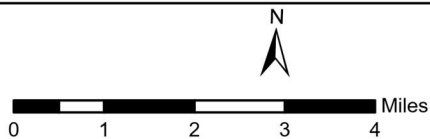
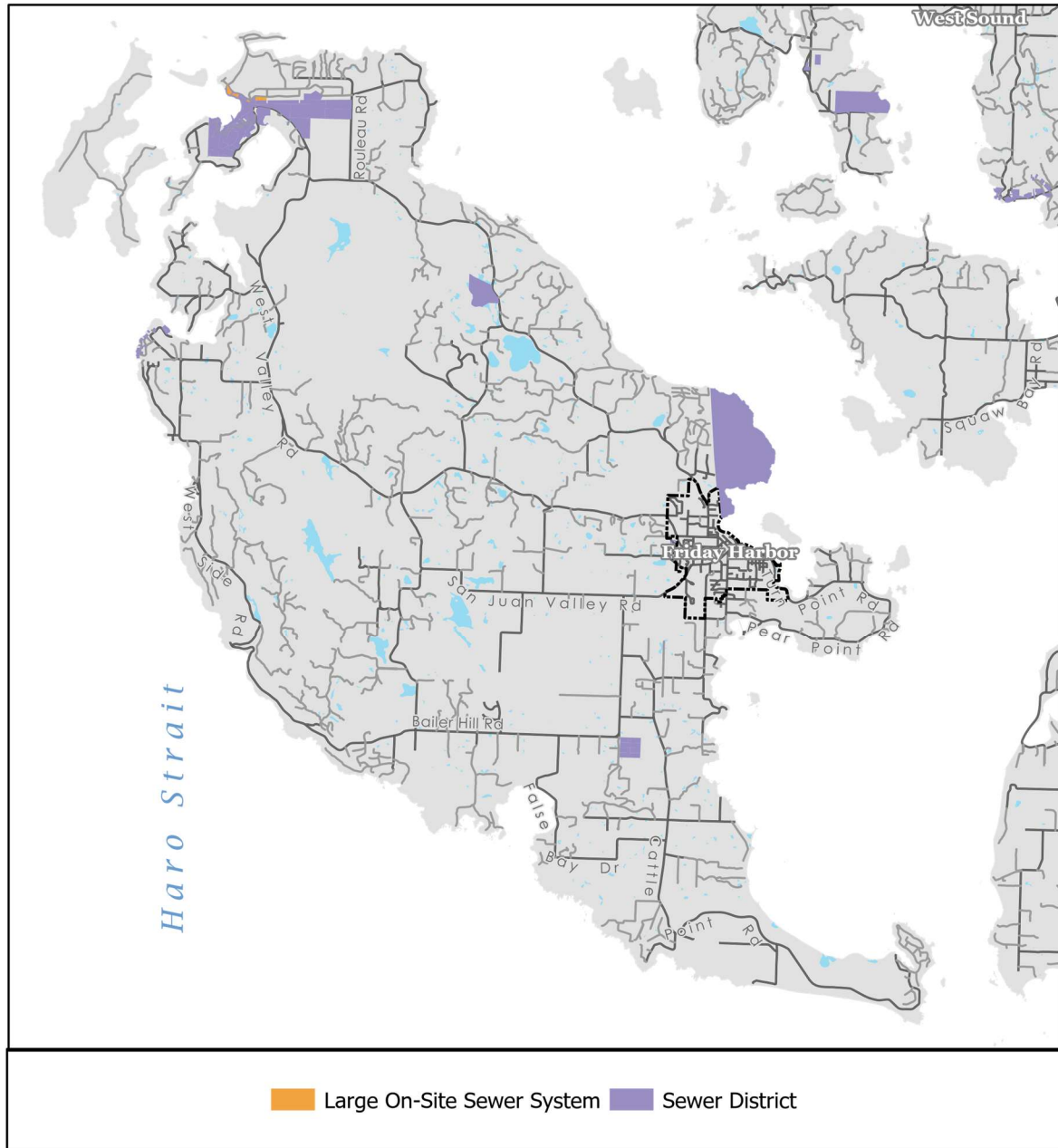
Sewer System	Activity Center	System Capacity			Percent Operating Capacity (%)	Percent Available Capacity (%)	Level of Service (LOS)
		Active	Design	Surplus			
Town of Friday Harbor	Friday Harbor	1040 ERU	1,020 ERU	-20 ERU	102	-2	F
Eastsound Sewer and Water District (ESWD)	Eastsound Village	1107 ERU	1975 ERU	868 ERU	56	44	A
Orcas Landing Sewer	Orcas Village	80 ERU	190 ERU	110 ERU	42	58	A
Fisherman Bay Sewer District	Lopez Village	379 ERU	530 ERU	151 ERU	72	28	A
Rosario System*	Rosario Resort	18,986 GPD	71,000 GPD	52,014 GPD	27	73	A
Roche Harbor Area General Sewer Plan*	Roche Harbor MPR	58,120 GPD	129,600 GPD	71,480 GPD	45	55	A
Deer Harbor*	Deer Harbor	8,400 GPD	12,000 GPD	3,600 GPD	66	34	A
Doe Bay*	Doe Bay	6,650 GPD	9,500 GPD	2,850 GPD	100	0	F
West Beach Master Planned Resort**	West Beach MPR	3,920 GPD	5,600 GPD	1,680 GPD	100	0	F

* **ADOPTED LOS STANDARD: C**

Source: WA Department of Health Sentry Database 2025, Department of Ecology Permitting & Reporting System (PARIS), 2025

**Large on-site sewage systems (LOSS) permitted by WA State Department of Health (DOH). No ERU data available. Capacity reported in gallons per day (GPD). Number of connections available for development determined by WA DOH.

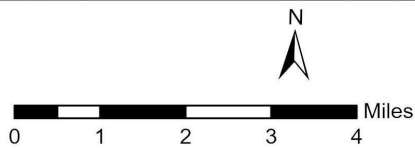
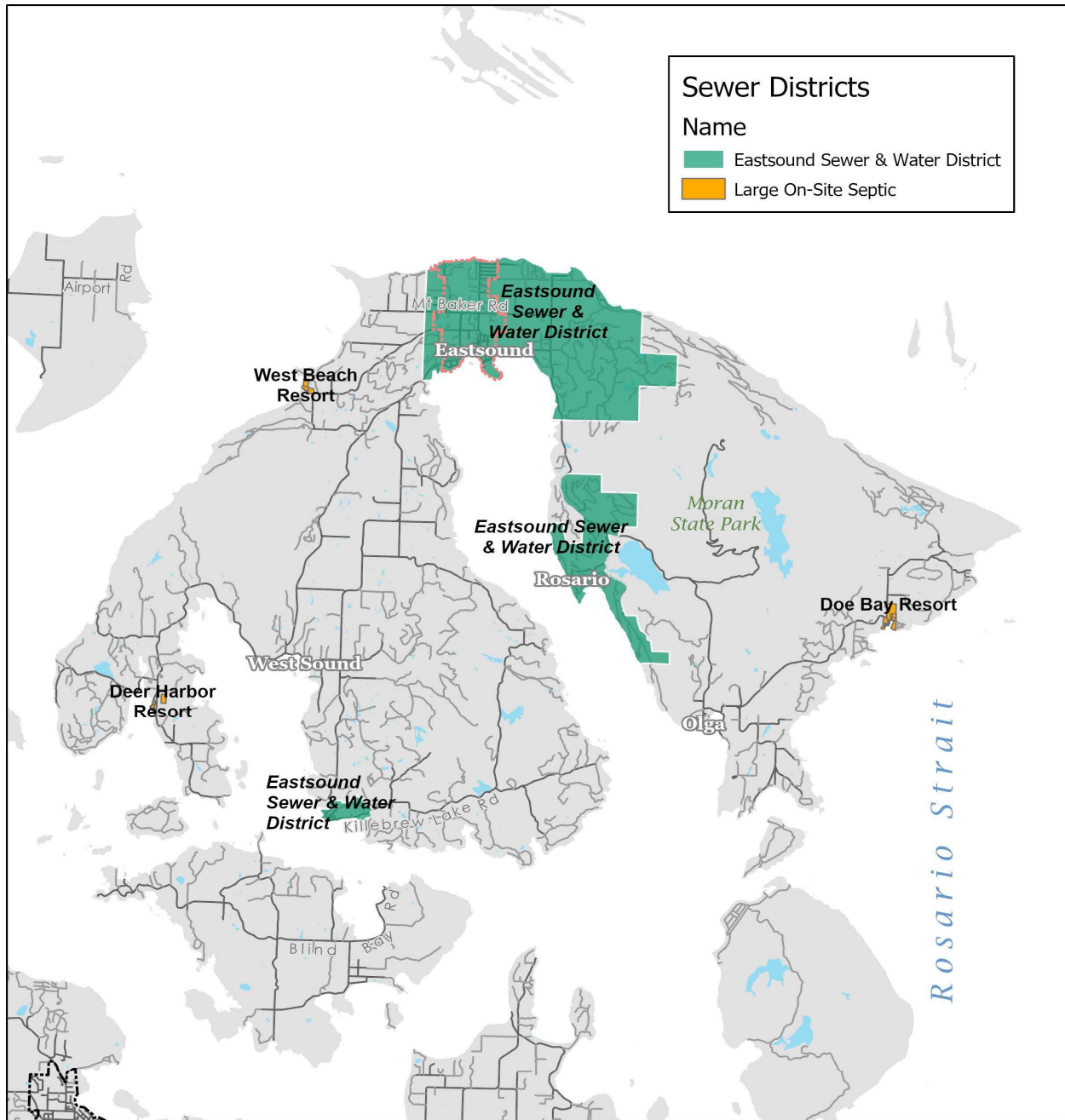
Map 2
San Juan Island Community Sewer Systems Serving Activity Centers.



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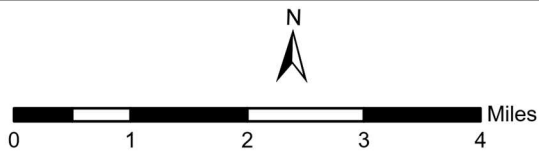
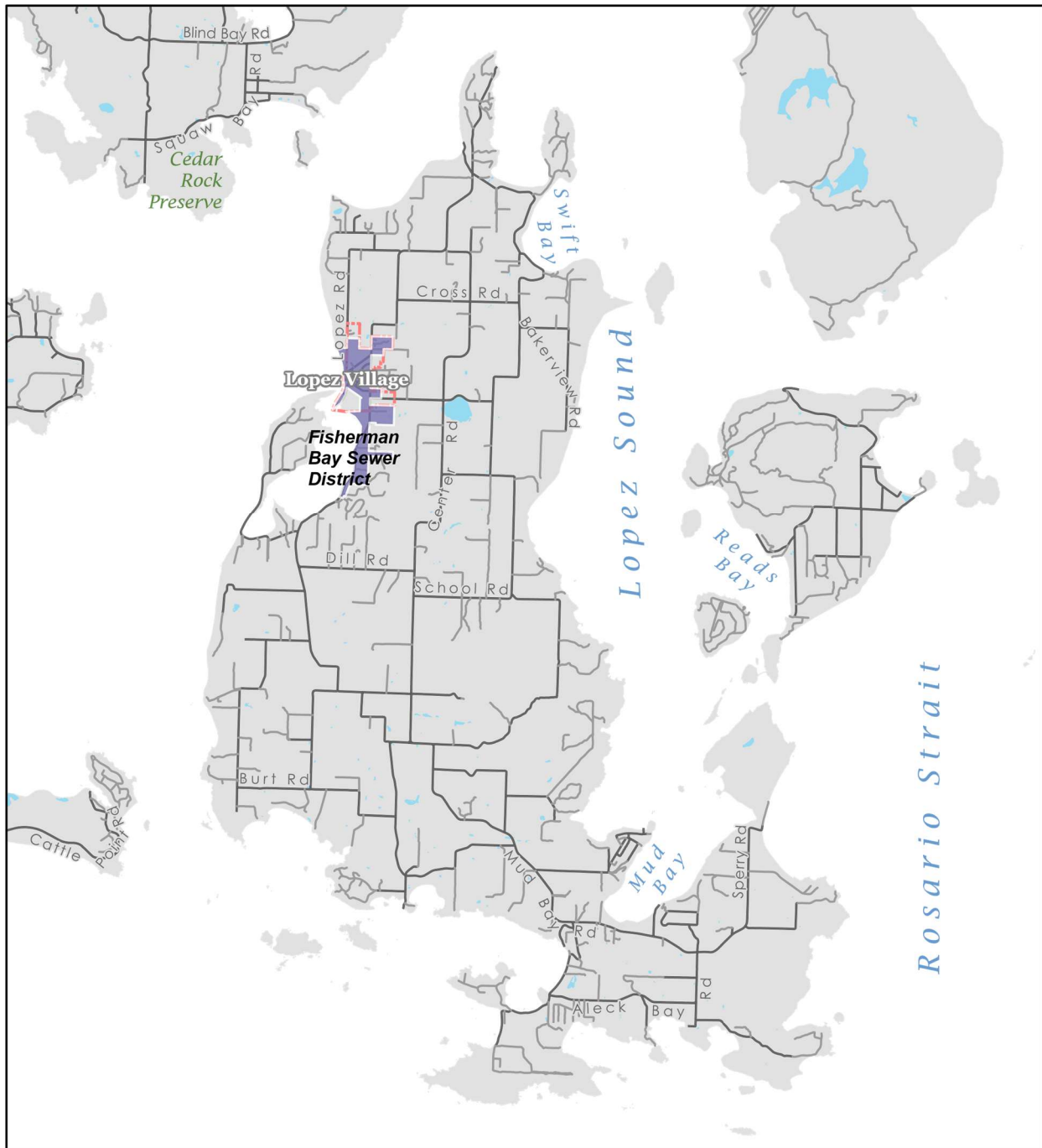
Map 3
Orcas Island Community Sewer Systems Serving Activity Centers.



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This map is a graphic representation derived from San Juan County's Geographic Information System. It is designed and intended for reference only, and is not guaranteed to survey accuracy. Information represented in this map is subject to change without notice.

Map 4
Lopez Island Community Sewer Systems Serving Activity Centers.



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7.3 CATEGORY “B” PUBLIC FACILITIES

Facilities owned or operated by San Juan County or independent taxing districts and public or private service organizations that are necessary to support development but are not required to be available concurrently with new development are considered Category “B” facilities. Examples of “Category B” public facilities include:

- County Government;
 - General Administration;
 - Sheriff;
 - Public Works;
 - Parks and Recreation
 - Stormwater Utility; and
- Public Schools.

7.3.1 COUNTY GOVERNMENT ADMINISTRATION

San Juan County government administration buildings are primarily located in Friday Harbor, but a few branches of County government have satellite offices on Orcas and Lopez islands. At present, most citizens must travel to Friday Harbor to deal directly with government officials or to take care of business with the County. As San Juan County continues to grow and improvements in technology occur, the trend is to make government more accessible to the people. The current configuration of County offices does not support “one stop shopping.”

The County’s inventory of 107,380square feet of general administrative space includes facilities located on San Juan, Orcas, and Lopez islands, and consists of office space, common areas, storage, and archives. Common area space includes training rooms, hallways, restrooms and elevators and represents approximately 10 percent of total general administrative space. The following section provides an inventory of County owned and operated facilities in terms of square feet of space.

7.3.2 COUNTY OWNED INVENTORY

San Juan Island

Friday Harbor

The San Juan County Courthouse is divided among the following County administrative departments: Assessor, Auditor, Clerk, District Court, Juvenile Court, Prosecutor, Sheriff, Superior Court, and Treasurer. It is a 22,838-square-foot complex located at the corner of Second and Court Streets in Friday Harbor. The Courthouse was placed on the National Register of Historic Places and restored using funds from a state grant in 1989.

The original 6,144 square-foot, three-floor building in the complex was built in 1903. The 11,836 square-foot single-story wing addition was built in 1983 to provide larger, more efficient floor spaces and functional areas for the expanding financial and court group functions housed in the building. An additional floor was added to the new wing in 1992 along with space for the Sheriff’s Office. The District Courtroom was renovated in 2008. The Prosecuting Attorney’s office space is on the main floor. These offices received new paint and carpet in 2010. The original vault room was repurposed as a file room. A 96-vehicle parking lot is shared with the San Juan Community Theater and Arts Center. An additional 52 public on-street spaces are provided on First, Second, and Court Streets.

The one-story, 8,917 square foot Courthouse Annex is located on Rhone Street between Second Street and Blair Avenue in Friday Harbor. The building exterior was painted in 2013, interior in 2014 and all carpeting was replaced at that time. At present the Courthouse Annex Building is shared among the Department of Community Development (DCD) and Health and Community Services (HCS).

The 13,585 square-foot Legislative Building, on the corner of Second and Reed Streets is actually a complex of five individual buildings. The original structure is a two-story house that is occupied by the Elections Department and the County’s residential apartment. The second building is a large conference room. The third building is a box-like structure above a parking garage. The first floor houses County Council offices and hearing room and the second floor houses Human Resources, Information Technology, Public Records and County Management staff. There are two storage buildings. One is a 970 square foot shared storage area. The second is a garage that is used by the Facilities department.

The County owns the 849 acre fairgrounds. The 840 square foot Parks and Fairgrounds Administration Office is attached to a multipurpose building and is located on Argyle Street near Friday Harbor. Chapter 3 of the draft *2019 San Juan County Fairgrounds Master Plan* contains an inventory of fair facilities by event space, animal facilities, storage and minor facilities. It also assesses the condition of each facility and includes a 6-year capital improvement plan.

Table 12. 2025 County Owned Facilities - San Juan Island.

Department/Area/Type	Location	TPN	2025 Office Space (sq. ft.)
Administrative Services	105 Second St.	351452002000	3,714
Administrative/County Management	1609 Beaverton Valley	351044001000	955
Assessor	350 Court St.	351350701000	1,285
Auditor	350 Court St.	351350701000	1,583
County Council	105 Second St.	351452002000	3,714
Civil Deputy	350 Court St.	351350701000	389
County Clerk	350 Court St.	351350701000	1,012
Community Development	135 Rhone St.	351453006000	5,292
District Court	350 Court St.	351350701000	2,914

San Juan County Comprehensive Plan 2025 - 2045

Department/Area/Type	Location	TPN	2025 Office Space (sq. ft.)
Elections	105 Second St.	351452002000	987
Health & Community Services	145 Rhone St.	351453006000	3,626
Compass Health Building ¹	520 Spring St.	351491507000	6,065
Information Technology Mechanical Room	350 Court St.	351350701000	308
Juvenile Court	350 Court St.	351350701000	638
Payroll Officer	350 Court St.	351350701000	242
Parks and Fair	849 Argyle Ave	351332001000	840
Prosecuting Attorney	350 Court St.	351350701000	2,510
Victim Services	150 Second St.	351452002000	816
Environmental Stewardship	1609 Beaverton Valley Rd	351044001000	1,053
Public Works - Administration	1609 Beaverton Valley Rd	351044001000	3,008
Sheriff	350 Court St	351350701000	3,298
Superior Court	350 Court St.	351350701000	3,918
Treasurer	350 Court St.	351350701000	1,003
WSU Extension	221 Weber Way	352312016000	950
Subtotal			50,102
All Departments - Storage			11,071
All Departments - Archives			4,426
All Departments - Common Area			5,281
Total			70,898

Source: San Juan County Facilities

¹ Space is rented to Compass Health

Orcas Island

The County owns 3,000 square foot administrative building on Fern Street in Eastsound. The Fern St building is two stories, the ground floor providing spaces for the Department of Health and Community Services and the upstairs hosting administrative offices for the Department of Emergency Management, Auditors, and Juvenile Court, as well as satellite touch down stations shared by other departments on or visiting Orcas Island.

These departments currently operate from leased space at the Orcas Senior Center and will share the Fern St building upon completion of renovation in 2025.

Table 13. 2025 County Owned Facilities - Orcas Island.

Department/Area/Type	Location	TPN	2016 Office Space (sq. ft.)
Emergency Management	531 Fern St	271454206000	193
Health & Community Services	531 Fern St	271454206000	1,500
Juvenile Court	531 Fern St	271454206000	80
Public Works – Road Operations	1395 Mt. Baker Road	271421001000	13,494
Sheriff	1323 Mt. Baker Road	271421001000	1,344
Weed Board (Noxious Weeds)	531 Fern St	271454206000	120
<i>Subtotal</i>			<i>16,503</i>
All Departments - Storage			8,958
All Departments - Archives			318
Total			25,779

Source: San Juan County Facilities 2019

Lopez Island

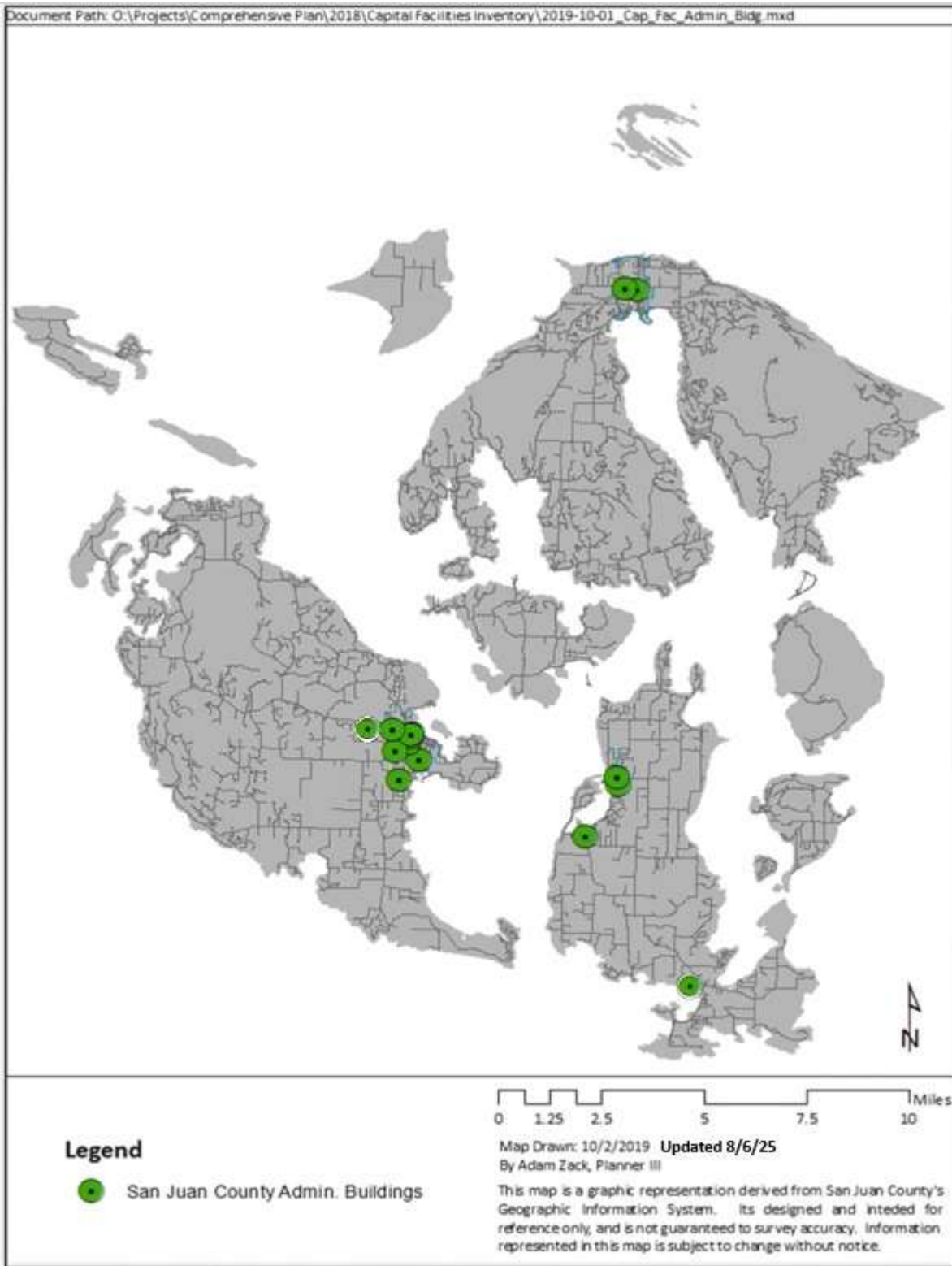
San Juan County owns 15 percent of Woodmen Hall on Lopez Island. The building is 7,183 square feet, with 3,152 square feet of spaced used entirely for storage. Senior Services has a dedicated 75 square feet of office space with an additional 80 square feet of shared office space available. All County services have a presence on the island with County staff available by appointment.

Table 14. 2025 County Owned Facilities - Lopez Island.

Department/Area/Type	Location	TPN	2016 Office Space (sq. ft.)
Health and Community Services	23 Pear Tree Lane, Suite 140	252731001000	351
Parks and Recreation	4102 Fisherman Bay Road	252731001000	191
Public Works	2467 Fisherman Bay Road	252322004000	8,130
Public Works	25 Calle Aguila	141822009000	1,220
Sheriff	2228 Fisherman Bay Road (leased)	251544006000	806
<i>Subtotal</i>			<i>9,478</i>
All Departments - Storage			611
All Departments - Archives			121
All Departments -Common Area			493
Total			10,703

Source: San Juan County Facilities

**Map 5
San Juan County Administrative Buildings.**



7.3.3 COUNTY PUBLIC WORKS

Facilities within the Public Works Department include Roads, Marine Facilities and Equipment Rental & Revolving (ER & R).

The following section summarizes the administration and maintenance facilities within Public Works. All facilities associated with Solid Waste are found in Section 7.2.1. Facilities owned by Public Works are listed in Tables 11 through 14 and shown in Map 6.

Administration

Public Works' primary administration facility is located on San Juan Island. Satellite administration offices are located at the maintenance yards on both Orcas and Lopez Islands.

The San Juan Island operations building is located at 1609 Beaverton Valley Road in Friday Harbor. This 18,268 square foot building houses Public Works administration and maintenance functions, The Department of Environmental Stewardship, Equipment Rental and Revolving (ER&R), and fueling station. The Roads facilities include a maintenance shop, central stores, equipment storage and truck wash bay. The building also houses other county administrative departments including IT/IS, Human Resources, and County Management.

The Orcas Island facility is a combination administration and maintenance building. In addition to the 1,500 square foot administrative offices located in the structure, there is a separate trailer that functions as administrative space. These facilities are located at 1395 Mt. Baker Road within Eastsound.

Lopez Island Public Works facility is similar to Orcas. The main structure houses both administration functions and a maintenance shop. These facilities are located on Fisherman Bay Road in Lopez Village. The Dump, owned by Environmental Stewardship Solid Waste General District and operated by Lopez Solid Waste Disposal District, is adjacent to the Public Works Facility

There are no administration facilities associated with Public Works on Shaw Island or the non-ferry served islands of Decatur and Waldron.

Maintenance Shops and Yards

San Juan Island

Currently, the primary San Juan Island maintenance facilities are located at located at the Beaverton Valley Operations Center. The structures house a maintenance shop, central stores, and numerous sheds used for equipment storage and the equipment storage building. The site is used for for bulk storage of aggregate, sand, and salt. Public Works built a 13,500 square foot building for San Juan Island road operations, fleet operations (ER&R), and a truck wash bay. The site also includes a fuel station and an emergency generator.

Table 15. 2025 Public Works Facilities—San Juan Island.

Location	TPN	Administration Sq. Ft.	Maintenance Shop and Storage Sq. Ft.	Acres
1609 Beaverton Valley Rd	351044001000	N/A	2,180	27.10
Total		5,239	9,006	30.4

Source: San Juan County Public Works 2025

Orcas Island

The Orcas Island Public Works facility includes a maintenance shop combined with the administration building on Mt. Baker Road in Eastsound. Additional storage facilities are located on the site. As of 2019, there are two above-ground storage tanks for gasoline (5,000 gallons) and diesel (7,000 gallons) to fuel vehicles on-site at this facility.

Public Works also owns a parcel on the water at the south end of Orcas Island near the ferry dock (TPN 262222014000). In addition to the marine facilities located on the parcel, there are also two buildings on the site. The main building is a two-story structure that contains a satellite office for Public Works and a conference room. Space is rented to the Washington State Ferries and a whale watching company. A small office at the end of the pier is staffed by the Coast Guard.

Table 16. 2025 Public Works Facilities - Orcas Island.

Location	TPN	Administration Sq. Ft.	Maintenance Shop and Storage Sq. Ft.	Acres
1395 Mt. Baker Road	271421001000	1,500	9,390	8.34
8368 Orcas Road Orcas Landing	262222014000	N/A	N/A	0.55

Source: San Juan County Public Works 2025

¹ Buildings are partially rented

Lopez Island

The Lopez Island Public Works facility has a maintenance shop connected to the administration facility. It is located at 2419 Fisherman Bay Rd. (TPN 252322004000). It is adjacent to the Lopez Drop Box solid waste facility, south of the Lopez Village UGA. The maintenance shop has capacity for storing 500 gallon of gasoline and 1,500 gallons of diesel in two above-ground fuel storage tanks.

The County owns a sand mine on Lopez Island at a 7.47-acre parcel (TPN 250143001000) on Port Stanley Road and a gravel pit at a 19 acre property at 72 Norman Rd. (TPN 141855001000). An additional Port Stanley Road parcel (TPN 252424002000) is a closed landfill, used for truck storage, stockpiling and equipment training.

Public Works purchased a 1.56 acre parcel (TPN 141822009000) with a home located on Mud Bay Road and adjacent to the Norman Road site in 2023. This site serves as an additional operations location.

Table 17. 2025 Lopez Island Public Works Administrative and Maintenance Facilities.

Location	TPN	Administration	Maintenance Shop and Storage	Acres
2467 Fisherman Bay Rd	252322004000	1,100 sq. ft.	7,115 sq. ft.	2.84
Shoal Bay Pit 680 Port Stanley Rd	250143001000	N/A	N/A	7.47
Port Stanley Rd (no address)	252424002000	N/A	N/A	20.05
Islandale Pit 74 Norman Rd	141855001000	N/A	N/A	2.98

Source: San Juan County Department of Public Works 2025

Other Islands

Additional maintenance shop and yard facilities located on other islands are shown below.

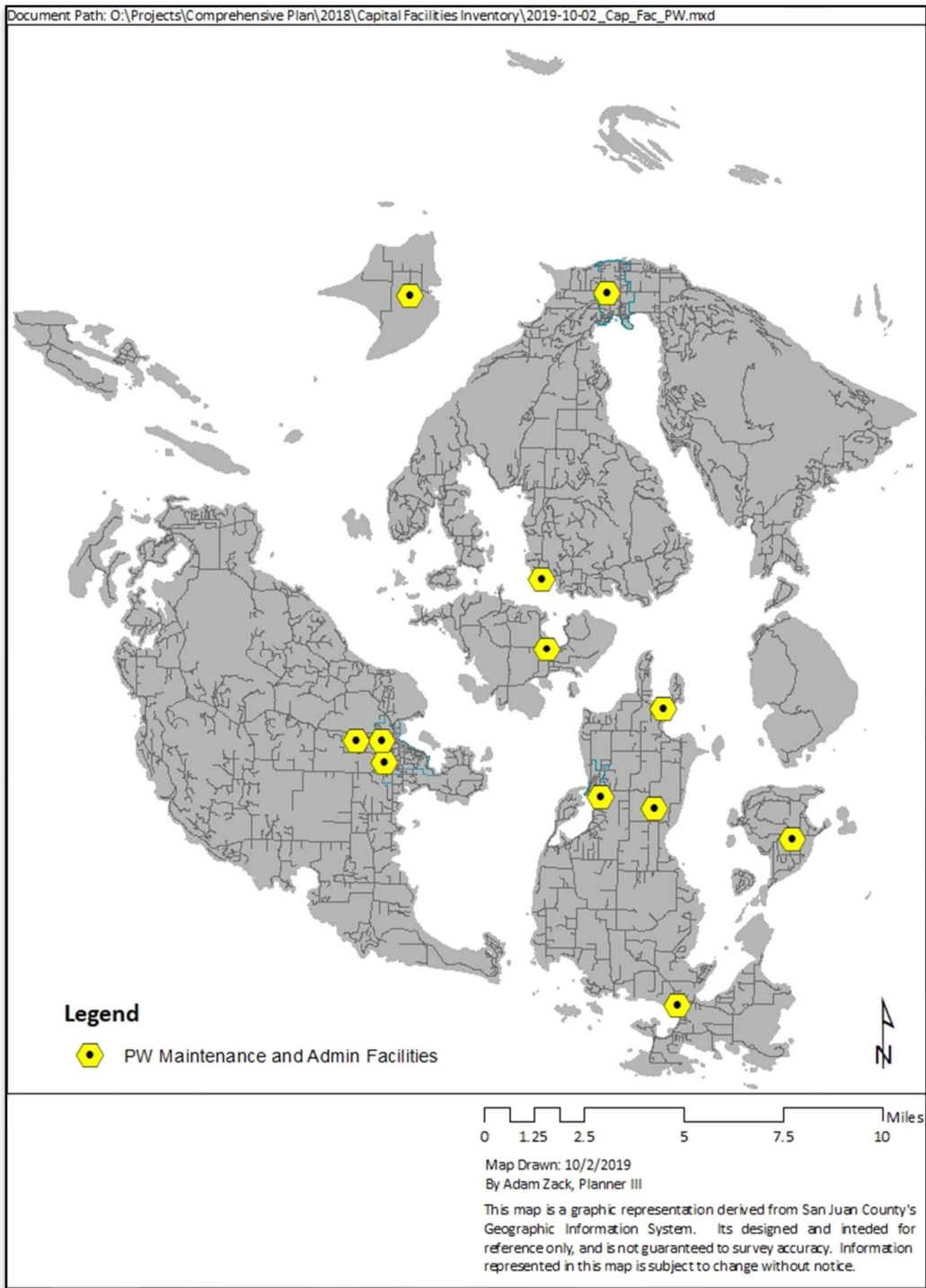
Table 18. 2025 Other Public Works Administrative and Maintenance Facilities.

Location	TPN	Administration Sq. Ft.	Maintenance Shop and Storage Sq. Ft.	Acres
1385 Blind Bay Road, Shaw Island	263422003000	N/A	800	N/A
Decatur	152232004000	N/A	N/A	5.65
Waldron	371324003000	N/A	1,152	3.43

Source: SJC Facilities.

The 2017 San Juan County Public Works Operations Master Plan identifies facility needs and provides a 20-year implementation plan for recommended future facilities projects. Additionally, there is a project phasing schedule and a 5-year capital plan for funding. The planned and recommended projects will increase Public Works facilities' LOS on San Juan, Orcas, Shaw and Lopez Islands.

Map 6
San Juan County Public Works Administrative and Maintenance Facilities.



Marine Facilities

The County prepares an *Annual Marine Facility Report* that includes an evaluation of the structural integrity of marine facilities owned and/or maintained by the County. It identifies capital improvement projects required to sustain the facilities and to meet the goals and policies of the Comprehensive Plan. Information from the report is integrated into the County transportation Improvement program. Marine facilities are also addressed in Appendix 6, Transportation.

7.3.4 COUNTY SHERIFF

The Sheriff's Office is separated from other County general administration departments in this inventory because it provides law enforcement services that use level of service measurements and standards that differ from general administrative functions.

Law enforcement services are provided countywide by the San Juan County Sheriff's Office. The San Juan County Sheriff is the only law enforcement agency in the County. The Sheriff's Office is staffed by the Sheriff, Under Sheriff, 2 detectives, 3 sergeants and 14 deputies. Dispatch and administration for the Sheriff's Office are located in Friday Harbor. There are substations located on Orcas and Lopez Islands. Emergency 911 provides service and follow-up response to calls for service countywide. Response times are fastest on San Juan, Orcas and Lopez Islands.

Table 19. 2025 County Sheriff Stations.

Station	Location	TPN	Square Feet ¹	# of Enforcement Officers
San Juan Island	Second Street, Friday Harbor	351350701000	3,298	7
Orcas Island	Mt. Baker Road, Eastsound	271421001000	1,344	6
Lopez Island	Fisherman Bay Road, Lopez Village	251544006000	806	4

Source: San Juan County Sheriff 2025.

The San Juan Island Sheriff's station currently does not have adequate space for staff, storage and operations. The configuration of the space also poses some safety risks since officers must walk inmates up and down stairs and through public spaces. Additionally, a secure impound yard, a secure evidence room, and more jail cells are needed. The planned SJC Civic Campus could provide an opportunity for the Sheriff's station on San Juan Island to expand into the wing currently housing the offices of the auditor, treasurer and assessor.

The Lopez Island Sheriff's station, which is a space rented from the Lopez fire station, currently has adequate space for operations. The Sheriff says that Lopez needs another enforcement officer because there are times when only one officer is present (i.e. if one officer has a day off and another is on vacation or has a sick day). Having only one officer present poses a safety risk in the case of an emergency.

According to the Sheriff, the number of response calls per district closely reflects the geographic distribution of population. San Juan County Sheriff Dispatch also dispatches calls for service for all Fire and Emergency Medical Services (EMS) agencies in the County, as well as for Island Air Ambulance.

Radio System

In 2019, the Fire and EMS districts, Sheriff's Office and County Public Works sought a proposal for a new public safety radio system to replace their individual radio systems which had become outdated, and which did not provide the coverage that was needed throughout the islands. The proposal was for a state of the art, simulcast radio system with 6 channels for the Fire and EMS districts, Sheriff's Office, and Public Works, with equipment located at 20 sites, connected by fiber optic cable, on 6 islands. A sales tax was proposed to pay the estimated \$3.4 million for the system. Voters passed an Emergency Communications tax in February 2020 along with the provision that the tax be reduced to a maintenance level after 5 years. The radio system has been built ,along with two subsequent rounds of improvements. In July 2025, the tax was reduced and currently provides the ongoing funding for operation of the system and to maintain a fund for repairs and future replacement

San Juan Island

The 3,298 square foot main station of the San Juan County Sheriff's Office is located in the Courthouse building at 96 Second Street North in Friday Harbor. The offices of the Sheriff and Civil Deputy are located there along with two holding cells and a special uses cell. Incarcerated citizens are taken to off-island facilities. The Sheriff provides law enforcement services to the Town of Friday Harbor through an inter-local agreement.

Source: San Juan County Sheriff 2016

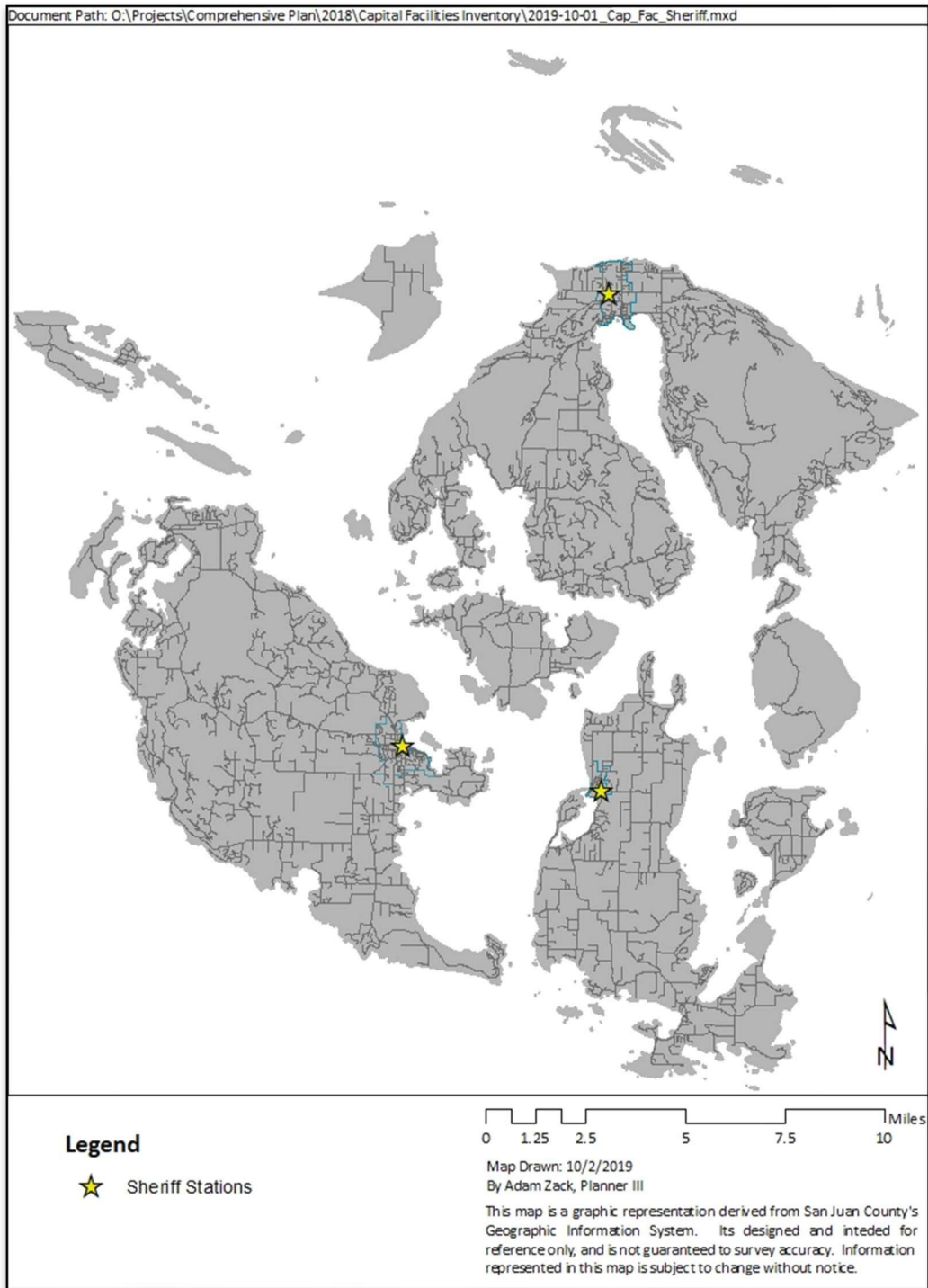
Orcas Island

The Sheriff's substation on Orcas Island is a 1,344 square foot office located on Mount Baker Road in Eastsound on Orcas Island. Deputies and a sergeant at that location respond to calls for service. There is a holding cell at this location.

Lopez Island

The Sheriff's substation on Lopez Island is located in the Fire Station on Fisherman Bay Road. There are Deputies and a Sergeant working out of that substation responding to calls for service. There is a holding cell at this facility. The existing 806 square foot facility is leased and is anticipated to provide adequate service for the future 20-year planning horizon.

Map 7
San Juan County Sheriff's Stations.



7.3.5 STORMWATER (CLEAN WATER) UTILITY

San Juan County is committed to effective stormwater management that cost effectively addresses flooding and water quality problems that may adversely affect property and the natural environment. San Juan County *Resolution 24-2009* established the San Juan County Stormwater Utility (re-named the Clean Water Utility in 2018), which is administered and operated by the County's Department of Environmental Stewardship. The Clean Water Utility (Utility) is authorized to exercise all lawful powers necessary and appropriate to planning, designing, establishing, acquiring, developing, financing, constructing, operating, managing, improving, maintaining and controlling stormwater facilities. This includes all lawful powers to fix, alter, regulate and control the rates, charges and conditions for use, and full power to enter into agreements with other governmental entities, assuring that future planning would include protection for both citizens and the fragile ecosystem of the county.

To provide optimal management of the islands' storm and surface waters and in order to protect and improve water quality, maintain aquatic and riparian habitats, and manage water quantity for enhancing groundwater recharge and reducing structural flooding risk the County requires:

- Review and approval of on-site or contributions to regional stormwater facilities for new or redeveloping land development with impervious area within Urban Growth Areas and where existing local infrastructure is inadequate to accommodate additional runoff;
- Protection and restoration of water-related critical areas (streams, wetlands, riparian, nearshore), and marine waters via the shoreline management programs;
- Management of community sewerage and private septic systems to protect public health and water quality; and
- Treatment and management of storm and surface water runoff in built (grey) facilities or natural (green) facilities such as bioswales, riparian planting, created wetlands, etc., designed to protect and improve water quality or manage drainage.

The County complies with state and federal regulations related to protecting or improving water resource conditions. With other requirements, these regulations call for the County to maintain or improve surface and groundwater water quality and manage stormwater runoff volumes to protect aquatic habitats.

The Utility has primarily referred to the *San Juan County Stormwater Basin Planning, Volume I and Volume II* (2016), the *Salmon Recovery Plan Update (2022)*, and coordinated with the *Voluntary Stewardship Program* (administered by the SJI Conservation District) to identify and address known water resources management issues throughout the Islands. The actions include operations and maintenance improvements as well as capital project implementation through its Capital Improvement Plan (CIP). In 2026 the County will advance an Integrated Water Resources Management (IWRM) Planning effort to update water-related plans and integrate climate resiliency into its water management. The Utility will utilize the outcomes of this updated planning effort to align its operations and capital project implementation to meet the needs of the community and environment for the next decade or more.

The Department of Environmental Stewardship in its administration of the Utility, partners with the Department of Health and Community Services and the Department of Public Works to advance the Utility's mission. Though overlapping at times, generally storm, surface, and marine waters are

addressed by Environmental Stewardship. Ground water, all drinking water and septic approvals are addressed by the Health Department. All drainage and stormwater improvements within the rural road rights of way (outside the villages and hamlets UGA's) are the responsibility of Public Works. The drainage and treatment of storm and surface waters within the UGA's are the Utility's responsibility.

The Utility is guided by a County Council appointed oversight committee, The Clean Water Advisory Committee (CWAC). In 2018, the Water Resources Committee (managed by the Health Department) and the Storm Water Committee (managed by Public Works) were merged into CWAC. Environmental Stewardship (formed in 2021 out of the Environmental Resources Division of Public Works), continues to administer the Utility and oversight by CWAC to ensure a streamlined and holistic perspective of water resources management in the County.

The Utility is primarily funded through service fees, collected throughout the Islands (except Friday Harbor where it has its own stormwater utility) based on the amount of impervious cover (rooftop, driveway, parking area, etc.) per parcel or road. One Equivalent Service Unit (ESU) is assigned per 10,000 square feet of impervious cover. The County also pursues grants from the State to help fund and advance projects. The Utility has two funds, Operating (Base fee) and Capital (Capital fee) and applies the formula provided in County Code to determine the annual rate, which is approved by Council as part of the Capital Improvement Plan approval process. Public Works retains the fees it is required to provide the Utility for its impervious cover from rural roads, to directly fund drainage and water quality improvements in the road right of way. The Utility tracks all of its facilities and projects in a GIS-based database and maintains project records within the County server system. Public Works retains its own database system of activities in the road rights of way for stormwater related practices.

COUNTY PARKS AND RECREATION

The San Juan County Parks and Fair provides recreational opportunities for County residents at twenty County parks, and a number of boat ramps and docks. The mission of the San Juan County Parks and Fair is:

- To provide and maintain quality parks and recreational opportunities that respond to the needs of residents and visitors;
- Are in keeping with the natural character and beauty of the islands; and
- Are consistent with State and County statutes and foster good stewardship of County lands.

The Recreation, Open Space, and Stewardship Plan (ROSS) contains an inventory of San Juan County's recreational assets and trails that also provide transportation. There are four classifications of assets in the ROSS: parks, marine access, natural areas, and trails. The parks inventory includes 320 acres-worth of pocket parks, local parks, regional parks, and special facilities. Each park's amenities and management issues and recommendations are listed. The marine access inventory includes docks and floats, boat launches and ramps, and shore access. There are currently 57 marine access sites. The natural areas inventory is comprised of 7,422 acres of natural area preserves and conservation easement lands. Trails make up the non-motorized transportation aspect of the ROSS. There are 50 miles of road right-of-way trails, rustic trails, and bike trails in the ROSS trails inventory.

The ROSS also analyzes needs and provides a strategy for action plans, including the responsible agency or group, necessary partner organizations, and the locations and timing for each planned action. Further, the ROSS identifies needs and a capital improvements program, including funding

sources for the facilities and acquisitions for 2017-2022. Please refer to the ROSS for a detailed parks facility inventory.

The draft *San Juan County Fairgrounds Master Plan*, includes an inventory of fairgrounds facilities, their existing conditions and a capital improvement plan. This Master Plan also provides strategies for operations and investment to ensure that the fairgrounds will continue to meet the community’s needs long-term.

The table below shows the quantity of various County park facilities on ferry-served islands.

Table 20. County Park Facilities on Ferry-Served Islands

LOS Measurement	San Juan	Orcas	Lopez	Shaw
Park Acres	36	3.5	185	53
Public Beach Access Points	7	11	10	2
Boat Launch Sites	3	5	2	2
Day Use Sites	7	5	5	1
Overnight Camping Sites	25	0	39	11
Miles of Developed Hiking Trails	18	14.14	12.1	0

7.3.6 PUBLIC SCHOOLS

Four separate school districts exist within San Juan County: San Juan, Lopez, Orcas and Shaw. Each provides public education to school age residents of the County. Schools include elementary, middle school and high school. San Juan, Orcas and Lopez Island School districts are operated under the governance of a five member Board of Directors elected to four year terms. The School Boards determine policies for each district and appoints Superintendents to administer those policies and oversee personnel. Funding for each school district is through state and federal revenues and tax levies to property owners within each school district.

School Districts

The State of Washington provides funding assistance for capital projects to school districts through grant programs administered by the School Facilities and Organization (SF&O) department of the Office of Superintendent of Public Instruction (OSPI). The primary grant program is the School Construction Assistance Program (SCAP). School Facilities and Organization also administers other grant programs related to small repair and improvements, K-3 class size reduction, Science, Technology, Engineering and Mathematics (STEM), energy efficiency, pre-disaster mitigation, healthy schools, and the federal Qualified Zone Academy Bond (QZAB) program.

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The SCAP program provides funding assistance to school districts that are undertaking major new construction or modernization projects. School districts are responsible for securing local funding for their projects, typically through capital bonds and/or levies and impact fees. To secure additional State assistance, projects must meet eligibility requirements based on age and condition for modernization/replacement and a need for more space for construction of a new facility or addition. If a project is eligible for funding assistance through SCAP, that funding will be partial, and will be calculated using statewide factors related to construction costs and square footage allocations per grade level; cost categories related to certain aspects of construction projects called "recognized project costs"; and local factors including condition assessments and inventories of a school district's facilities and SFO's enrollment projections and local funding assistance percentages that are unique to each district. For a number of years SJC school districts have been assigned the 20 percent minimum funding assistance percentage (FAP) for SCAP projects. This typically doesn't cover much more than sales tax, after factoring in all the non-matchable/non-recognized components of a typical school construction project.

Washington State law allows counties and school districts to develop impact fee ordinances to help fund new school facilities, which may be needed due to growth in local areas. The general idea is to have new development help pay for the public infrastructure that will be required as a direct result of new development. Public school facilities would be required to be concurrent with new development if San Juan County decides to collect impact fees for new development; making them Category A capital facilities.

San Juan Island School District

San Juan Island School District serves San Juan, Pearl, Henry, Brown and Stuart Islands. The Friday Harbor Elementary School building is located on Grover Street in Friday Harbor. The building was constructed in 1986, occupies 39,304 square feet and is a single-story, wood-frame structure with a pitched roof. There are sixteen classrooms serving a K-5 program. The facility also houses the principal and staff offices, a warming kitchen, multipurpose area, library, and music room. Adjacent to the building is an open covered play area of similar construction. Water supply, sewer, storm drainage, parking, and playgrounds appear to be adequate for present use. The mechanical and electric systems have useful life ranges of 25 to 35 years.

The Friday Harbor Middle and High School buildings are located on Blair Avenue and are single-story buildings. The Middle School building is 19,686 square feet and has thirteen classrooms. It was constructed in the 1930's, then remodeled in 1977, and 1998.

Griffin bay School, an alternative education school. Griffin Bay School is now a standalone building. It is 2,294 square feet.

The High School building is 51,197 square feet and has eighteen classrooms. It was constructed in 1952 and remodeled in 1959, 1977 and 1998. In addition, Friday Harbor High School recently renovated the stand-alone "shop building" into a Science, Technology, Engineering and Math (STEM) Center. The STEM Center is now 7,841 square feet We have added to the STEM building to include our high school art program, and includes an industrial arts shop, a media production room and a multipurpose tech room. Turnbull Gym, also on the High School campus, is two stories. On the 19,328 square foot ground floor there is a full sized gym as well as locker rooms, storage rooms,

a lobby and restrooms. On the second floor there is 4,307 square feet used for a weight room, storage space and an office space.

Stuart Island School is again in use and is 1,250 square feet with an additional library at 432 square feet and a teacherage at 192 square feet. This school was constructed in 1980 as an addition to the old one-room school facility constructed in 1908. According to the School District the multipurpose classroom building is in excellent condition and the one-room classroom building is maintained in fair condition for its intended use as additional teaching space.

The table below shows San Juan Island School District facilities.

Table 21. San Juan Island School District Schools.

School	Location	TPN	Acres	Square Feet	2024 Students
Elementary	Grover Street, Friday Harbor	351392101000	14.13	39,304	327
Middle School	Blair Avenue, Friday Harbor	351491002000	9.83	19,686	158
High School	Blair Avenue, Friday Harbor	351491002000	Incl. with Middle	51,197	258
Griffin Bay School	Blair Avenue, Friday Harbor	351491002000	Incl. with Middle	2,294	48
Stuart Island School	Reid Harbor Rd	472911002000	3.11	1874	3

Source: San Juan Island School District 2015

Orcas Island School District

Orcas Island School District serves students on Orcas and Waldron islands. Waldron Island School serves students from kindergarten through grade 8. The Orcas Island school campus is 40.01 acres and houses an elementary school, middle school, high school, music building, cafeteria, two gyms, school library, modular classroom, and a district office. The district has an agreement with the Orcas Park and Recreation District for use of the Buck Park athletic fields for middle and high school sports programs.

Orcas Alternatives for Student Initiated Studies (OASIS) K-8 and 9-12 is an alternative educational program operated by the Orcas Island School District. The program's intent is to provide an

innovative and flexible model that supports the education of a diverse student population. While each student’s learning plan is unique and there is flexibility in determining the content of a student’s course of study, all learning plans must support Washington State Learning Standards. The Washington State Alternative Learning Experience (ALE) (392-121-182) governs OASIS. Families have access to educational and instructional support from the Orcas Island School District.

Orcas Island School District has been in the process of modernizing and renovating the Orcas and Waldron campuses since 2009. With the passage of an 11.9 mil bond in 2012, Phases I and II are now complete. Those updates included:

- New band room in the middle school
- Career technical education center
- New tech room
- Library remodel
- New cafeteria building with culinary arts room and commercial kitchen
- New courtyard between the elementary and middle school
- Two-lane area for student drop-off

An unexpected component of the project was a flood in the elementary school, which required new flooring, drywall and paint. The work was finished in the fall of 2015. In 2017, voters approved a bond and levy for school renovation and capital projects on Orcas.

Waldron Island School has two multiple use classrooms and approximately 4,000 square feet of space. The Waldron Island School is a small school with approximately 14 students in kindergarten through 8th grade. It is one of nine schools in the State of Washington designated as "remote and necessary". The curriculum spans all nine grades with individualized programs. Facilities include two classroom spaces and a small library in one building. Staffing generally consists of three part-time certificated teachers, a classified program associate, as needed, and custodial/maintenance staff.

The table below shows Orcas Island School District facilities.

Table 22. Orcas Island School District Schools.

Schools	Location	TPN	Acres	Square Feet	2025 Students
Elementary	School Street, Eastsound	271414001000	40.01	75,608	193
Middle	School Street, Eastsound	271414001000	Incl. with Elementary	Incl. with Elementary	106
High School	School Street, Eastsound	271414001000	Incl. with Elementary	34,889	179
Waldron	Waldron	371233003000	1.77	3,891	7

Source: Orcas Public School 2025

Lopez Island School District

Lopez Island School District serves Lopez and Decatur islands. Public education is provided to school age residents of Lopez Island at the Lopez Island School complex located at the intersection of Center and School Roads. This complex houses the elementary, middle, and high schools. The school site is 30 acres and the existing buildings total 74,568 square feet. The Lopez Elementary School has expanded from 24,979 to 25,222 square feet with the transition of the atrium to staff workroom.

For school age residents of Decatur Island, public education is provided at the Decatur School. This 1,024 square-foot, one-room schoolhouse with covered play area and storage facility was remodeled in 1998. The Decatur School is one of nine schools in Washington State designated remote and necessary.

The district is steady in its enrollment (with 225 students for the past three years). Actual facility space is adequate to house projected enrollment, however, there is a need for several capital projects for student safety, facility modernization, program enhancement, energy efficiency, environmental enhancement, technology needs, and shared community use. These projects include, but are not limited to:

- Potable and non-potable water enhancement and availability;
- Structural faults and degradation effecting human safety and structural integrity in the high school building;
- Paving and driveway rerouting to address student safety connected to bus drop-off and pick-up;
- New busses and enhanced transportation facilities.
- Covered play areas;
- Modernization of classroom and other instructional sites;
- Upgrading and expansion of technology infrastructure and access to technology; and
- Shared school and community use for physical and other activities.

The table below shows Lopez Island School District facilities.

Table 23. Lopez Island School District Schools.

School	Location	TPN	Acres	Square Feet	2017 Students
Elementary	School Road	253512002000	28.78	25,222	115
Middle/High	School Road	253512003000	Incl. with Elementary	48,200	90
Decatur School	Decatur	152223003000	5	1,024	4

Source: Lopez Island School District 2017

Shaw Island School District

Public education is provided to school age residents of Shaw Island at the Shaw School. This two-room schoolhouse serves grades K-8 and is located at the intersection of Blind Bay Road and Hoffman Cove Road. The school sits on a one- square acre site and the existing buildings total 2,484 square feet. The Shaw School District reports that the existing facility is adequate and could actually accommodate as many as 29 students. High school students from Shaw, grades 9 through 12 attend one of the high schools on Lopez, Orcas, or San Juan Island.

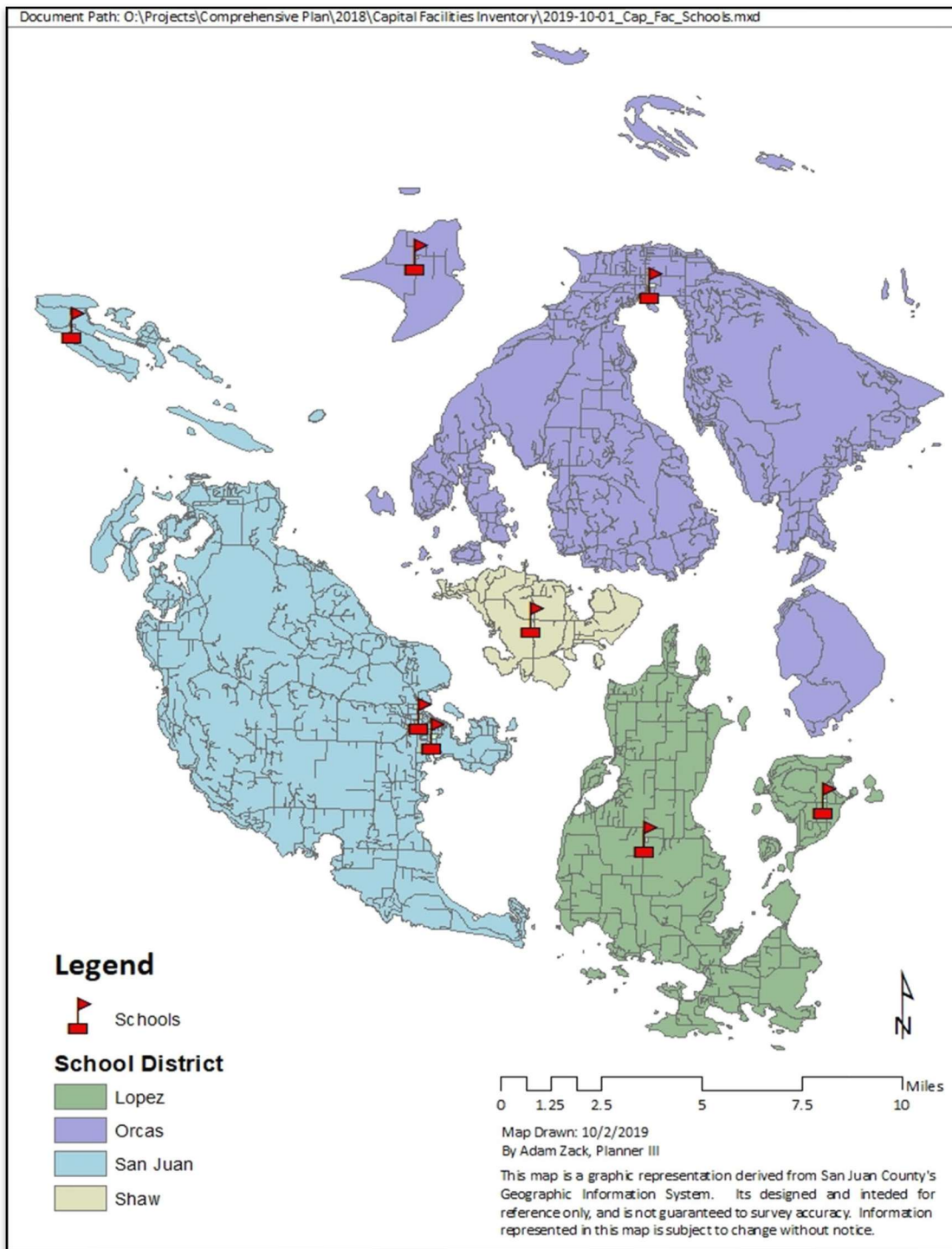
The table below shows the Shaw Island School District facility.

Table 24. Shaw Island School District School.

School	Location	TPN	Acre	Square Feet	2017 Students
Shaw School	Hoffman Cove Road	263322001000	1	2,484	15

Source: Shaw Island School District 2017

Map 8
San Juan County School Districts.



7.3.7 FIRE PROTECTION AND EMS

Fire Protection

Residents of Orcas, Lopez, Shaw, Brown, Pearl and San Juan islands outside of the Town of Friday Harbor receive organized fire protection through Fire Protection Service Junior Taxing Districts. Funding for these service districts is provided through tax levies on property within each district. Fire service districts are administered by elected fire district boards. Each board is responsible for establishing its' district policy, and setting the tax levy rate. Within the Town of Friday Harbor, fire protection is provided under contract with Fire District 3.

Most of the small, sparsely populated islands in San Juan County are not included in fire protection districts due to their geographic isolation. Individuals must provide their own fire protection or rely on loosely organized volunteer efforts. The Washington Department of Natural Resources is responsible for wildfires on State lands and has agreements with fire districts to provide initial response. Fire districts may or may not provide Emergency Medical Services (EMS). The districts on Orcas, Lopez and Shaw do provide EMS, and more than 60 percent of the calls responded to by these districts are EMS calls.

The four most prevalent issues confronted by fire districts in San Juan County include:

- Fire response access to property;
- Water supply for fires;
- Response time to the outlying areas farthest away from staffed or un-staffed stations; and
- Non-feasibility of mutual aid, except for major fire and EMS call.

The issues listed above are difficult to resolve because they arise from the need for additional personnel and equipment that require ferry transportation to the scene of a fire and/or EMS incident. Also, other problems occur in providing fire protection service throughout the County. For example, some homes are sited on steep hills or have narrow or brush-covered access roads with no turn-around area. Additionally, large fire-fighting vehicles that are water-laden cannot climb steep hills, make tight turns, or travel down roads without a turn-around. The result is longer response times and potentially inadequate fire protection service.

An additional challenge to providing fire protection in some areas of the county is water supply. The Washington Survey and Rating Bureau (WSRB) rates the ability of each district to provide fire protection. The WRSB rating directly affects the premiums that individual property and homeowners pay for fire insurance. To determine a rating, the WRSB evaluates both the fire district and existing water supply systems, which are weighted equally. For example, an area with a substandard water system, which is served by a good fire department, will receive a poor rating and vice versa. Without water mains and rated fire hydrants, areas are limited to 8th class, regardless of the quality of fire protection.

All of the fire departments in the county participate in countywide mutual aid agreements. This agreement allows the fire departments to share resources and provide assistance during major fires. In most cases, mutual aid is slow and difficult due to the need to transport personnel or equipment

from island to island. The County fire departments do not have cross-county mutual aid agreements. When mutual aid resources are insufficient to manage a situation, the responsible fire department can request state assistance. State assistance for major fires is not available outside of fire districts.

San Juan Island

San Juan Island District 3

San Juan County Fire Protection District No. 3 covers 55 square miles and serves the Town of Friday Harbor and the islands of San Juan, Brown, Dinner, Henry, Stuart, Johns, Spieden, and O’Neil from 10 fire stations, and several fire caches throughout the jurisdiction. A three-member Board of Commissioners provides legislative direction and governs the District. The table below identifies District 3 fire stations.

Table 25. 2020 San Juan Island Fire District 3: Stations and Caches.

Station	Area	Location	TPN
31	Friday Harbor	1011 Mullis St	352312016000
31A	Friday Harbor	1293 Turn Point Rd	351341005000
32	Cape San Juan	488 Island Drive	240551037000
33	Bailer Hill	3189 Bailer Hill Rd	353050029000
34	Sunset Point	5174 Westside Rd	450231010000
35	Roche Harbor	32 Cessna Ave	461333002000
36	Eagle Crest	367 Three Corner Lake Rd	350513001000
371	Brown Island	Lot 8	351250008000
372	Pearl Island	Lot 12	461454012000
373	Henry Island	Capital Plan	TBD
3741	Stuart Isl. W	Capital Plan	Temporary Cache
3742	Stuart Isl. E	1378 Marine Ln	472753039000
375	Johns Isl.	Capital Plan	Temporary Cache

District 3 headquarters, Station 31, is located in unincorporated Friday Harbor. Staffing is augmented by volunteer firefighters and first responders. The district has 8.5 FTE and 5 vacancies:

- 1 Chief Executive; Fire Chief
- 1 Executive Assistant; Finance & Administration
- .5 Administrative Assistant; Board Secretary & Administration
- 1 Battalion Chief; Operations
- 1 Station Captain; Operations
- 1 Logistics Captain; Logistics
- 1 Lieutenant; Training
- 2 Shift Operators; Operations
- Vacancies; 3 Shift Lieutenants, 1 Shift Operator, 1 Shift Firefighter

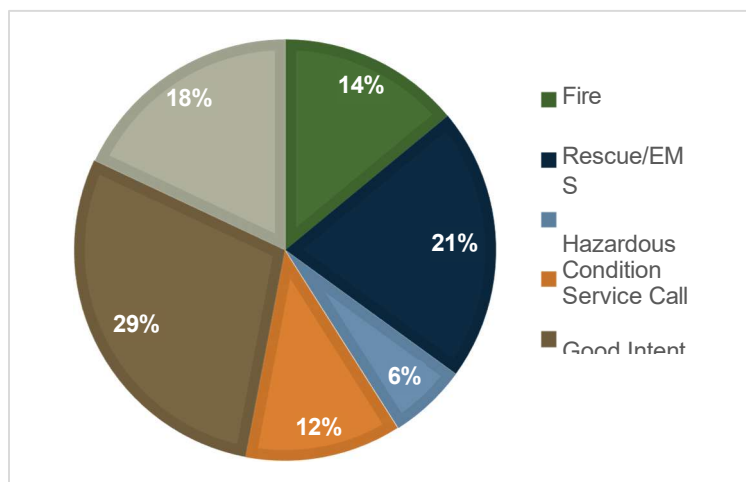
Additionally, 37 Paid on-call emergency responders, 8 specialists and support personnel assist the district. The district provides all-hazards response services, specializing in:

- Structure and Wildland fires;
- First Aid & CPR in Support of the local EMS District;
- Vehicle Accidents;
- Search & Rescue in Support of the County Sheriff’s Office;

- Marine Operations;
- Other hazardous conditions;

Fire District 3’s five-year average district-wide dispatch to arrival time is 10.2 minutes. Over this period 44% of the calls were fire responses and 56% were EMS responses totaling 3,839 events. 68% of the total responses were within the Friday Harbor response area which is where Station 31 (Headquarters) is located. The average five-year dispatch to arrival time for Station 31 is less than 7 minutes.

Figure 4
2016 Fire District 3: Call Percentage by Type.



Source: San Juan Fire District 3 2016

Table 26. 2025 San Juan Island Fire District 3: Mechanical Inventory by Station Assignment.

Station	Type	Detail
Station 31	Type 1 Engine	2014 Rosenbauer BLS Aid Class A/Type 1 1,000 GPM, 1,000 Gal Pumper
	Quint	2000 Spartan BLS Aid 1500 GPM Pumper, 500 Gal, 65' TeleSquirt Aerial
	Medium Rescue	1999 Freightliner FL70, BLS Hackney Air & Rescue
	Type 3 Brush Engine	2013 Ford 550 Type 3 Brush, Extended Cab
	Command	2020 Fort 150, xl Super Cab, Interceptor
	Auxiliary	2013 Ford Explorer, Interceptor
	Command	2019 Fort 150, xl Super Cab, Interceptor
	Utility	1997 Ford 250 Pick-Up, box bed
	Command	2011 Ford 150, xl Super Cab, short bed
	Utility	1997 Ford 250, xl Ext Cab, Box Bed

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	Util. Trailer	2010 Single Axle ATV trailer
Station 31 A	Fire Boat	2022 SafeBoat USA, EMS31 Rapid Response Vessel, 500 GPM Remote Monitor
Station 32	Type 1 Engine	2014 Rosenbauer Class A/Type 1 1,000 GPM, 1,000 Gal
Station 33	Type 1 Engine	2014 Rosenbauer Class A/Type 1 1,000 GPM, 1,000 Gal Pumper
	Type 2 Tender	2003 Pierce International Tender, 2,000 Gallon
	Reserve Type 1 Engine	1986 Pierce Dash Class A/Type 1 1,000 GPM, 750 Gal
	Type 3 Brush	2008 International, 350 GPM, 1,000 Gal
Station 34	Type 1 Engine	2014 Rosenbauer Class A/Type 1 1,000 GPM, 1,000 Gal
Station 35	Type 1 Engine	2014 Rosenbauer Class A/Type 1 1,000 GPM, 1,000 Gal
	Type VI Engine	2003 Ford 550 110 GPM, 300 Gal
Station 36	Type 1 Engine	2014 Rosenbauer BLS Aid Class A/Type 1 1,000 GPM, 1,000 Gal
	Type 2 Tender	1997 Ferrotek FL80, 500 GPM, 2,500 Gal
Station 371	Type 2 Engine	1997 IHC Stake Bed Type 2 Modified Urban Interface, 500 GPM, 500 Gal
Station372	ATV	2004 John Deere Gator
Station373	N/A	N/A
Station 3741	Type VI Engine	2002 Ford xl 550 110 GPM, 300 Gal
Station 3742	Type VI Engine	1992 Chevy 150 GPM, 300 Gal
3751	UTV-Type 7 Engine	2023 Gravely Super Cab, 100 GPM, 85 Gal

Map

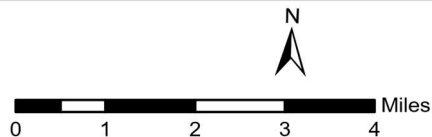
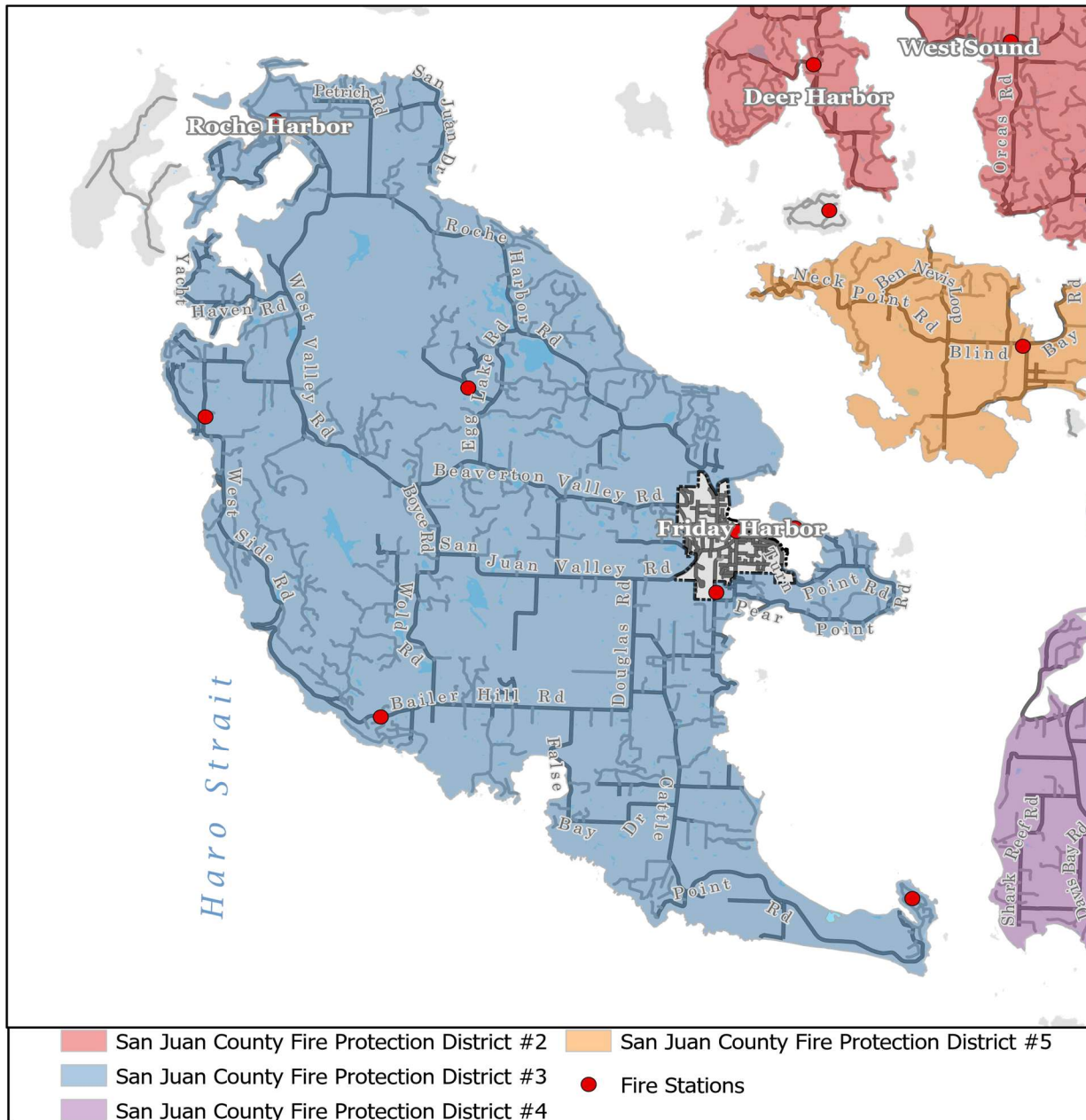
San Juan Island Fire District 3.

Includes the OUTER ISLANDS outlined above:

https://ofm.wa.gov/sites/default/files/public/dataresearch/pop/smallarea/maps/fpd/saep_fpd_sa



Map 9
San Juan Island Fire District 3.



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Orcas Island

Orcas Island Fire District 2

San Juan County Fire District 2 serves Orcas Island from seven fire stations. Orcas Island is a 57 square mile island divided into two main lobes of land connected by the hamlet of Eastsound. A five-member Board of Commissioners provides legislative direction and governs the District.

Table 27. Orcas Island Fire District 2: Stations.

Station	Area	Location	TPN
21	Eastsound	45 Lavender Lane	271412019000
22	West Sound	78 Deer Harbor Road	260444011000
23	Rosario	53 Firehouse Lane	173113002000
24	Deer Harbor	59 Channel Road	260724006000
25	Obstruction Pass	267 Obstruction Pass Road	160942002000
26	Orcas Ferry Landing	1163 Killebrew Lake Road	262322004000
27	Doe Bay	3634 Point Lawrence Road	173543004000

Source: Orcas Island Fire District 32

District 2 headquarters, Station 21, is located in Eastsound. The station is staffed 24 hours, seven days a week, by one firefighter/paramedic and one firefighter/EMT. Staffing is augmented by 50 volunteer firefighters and EMTs. The district has 12 full-time paid employees.

- 1 Chief
- 1 Director of Administration and Finance
- 1 Division Chief of Training
- 8 Career Firefighter/Paramedics or Firefighter EMTs
- 50 Volunteer FF/EMT/Responders with various certification
- 1 Office Manager/Board Secretary (PT)
- 1 Admin. Assistant (PT)
- 1 Public Information Officer (PT)
- 1 Public Education Coordinator (PT)

The district has the ability to respond to calls for:

- Structure Fires;
- Emergency Medical situations;
- Motor Vehicle Accidents (Technical Rescue/Extrication Team);
- Wildland Fires;
- Technical Rescue/Low and High Angle Rope;
- Wilderness Search and Rescue (Orcas Island Fire and Rescue augments search efforts of the County Sheriff's department);
- Limited response for Hazardous Materials; and
- Limited response for Marine Rescue/Search and Rescue/Transport.

Table 28. Orcas Island Fire District 2: Mechanical Inventory.

Station	Type	Detail
Station 21	Fire Engine	1987 H&W Spartan
	Fire Engine	2008 Ford F550/Darley WASP (Wildland Attack Structure Protection)
	Rescue	2008 Ford F-450 Rescue
	Ambulance	2022 Ford F Series 4wd ambulance ALS equipped
	Ambulance	2019 Ford F Series 4wd ambulance ALS equipped
	Wildland	2023 Ford F-550 Brush Truck
	SUV	2012 Chevy Tahoe Fire Chief
	SUV	2015 Chevy Tahoe Division Chief
	SUV	2023 Ford Explorer Volunteer Officer BLS equipped
	SUV	2023 Ford Explorer Command/Paramedic ALS equipped
	Utility Truck	2008 Ford F-350 equipped with flat-bed, lift gate, modular wildland pump
Station 22	Fire Engine	2008 Ford F550/Darley WASP (Wildland Attack Structure Protection)
	Tender	2007 Sterling Vacuum Tender/Pumper
Station 23	Fire Engine	1997 Navistar
	Tender	2008 Sterling Vacuum Tender/Pumper
Station 24	Fire Engine	2008 Ford F550/Darley WASP (Wildland Attack Structure Protection)
	Ambulance	2006 Ford F Series 4wd ambulance BLS equipped
Station 25	Fire Engine	2005 Seagrave
Station 26	Wildland	2003 Ford F-550 Brush Truck
	Fire Engine	2005 Seagrave
Station 27	Ambulance	2001 Ford E Series ambulance BLS equipped
	Fire Engine	2008 Ford F550/Darley WASP (Wildland Attack Structure Protection)

Source: Orcas Fire District 2

ALS: Advanced Life Support

BLS: Basic Life Support

Fire District 2 responds to all fire and medical related emergencies with staffing that includes:

- Advanced Life Support (ALS) with Firefighter Paramedics, and
- Basic Life Support (BLS) with Firefighter-Emergency Medical Technicians (EMT).

2024 Response Time Statistics

Average Turnout Time Dispatch to Enroute: 1 minute : 12 seconds

Average Response Time from Dispatch to Arrival: 9 minutes : 48 seconds

[Appendix 7](#)

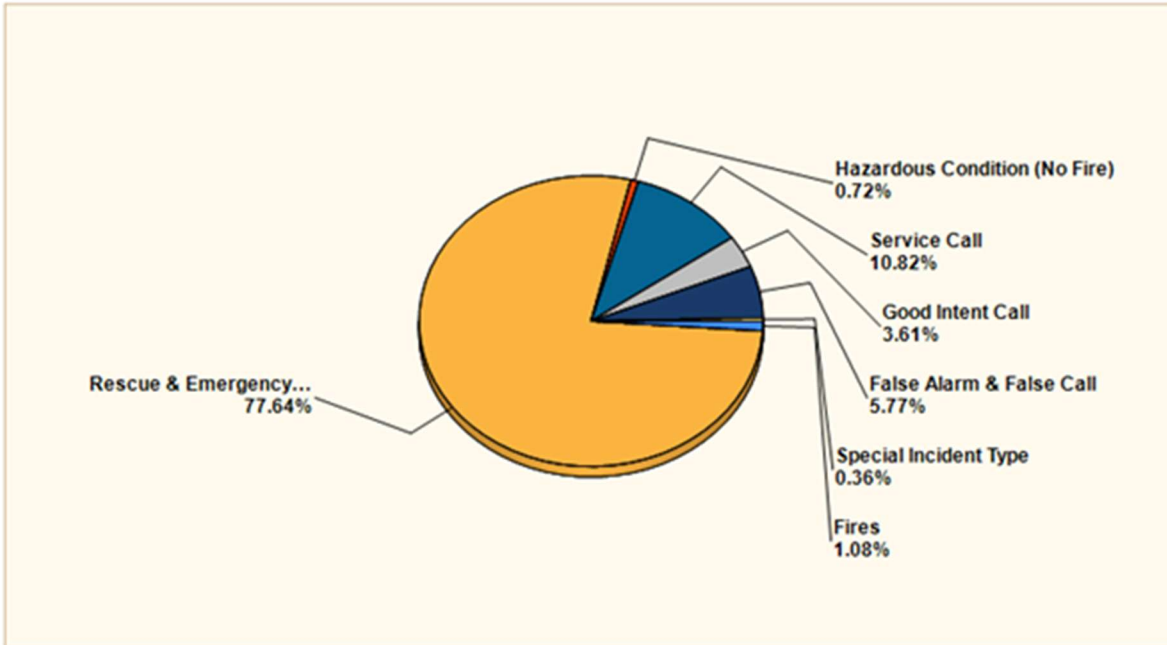
[Capital Facilities Plan](#)

Average Time on Scene, Arrived to Cleared: 32 minutes : 41 seconds

Eastsound crews from Station 21 respond to all calls unless cancelled by a closer unit staffed by volunteers at outlying stations.

Figure 5

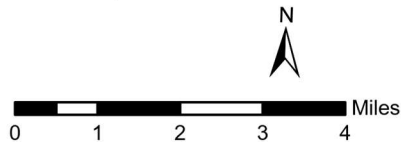
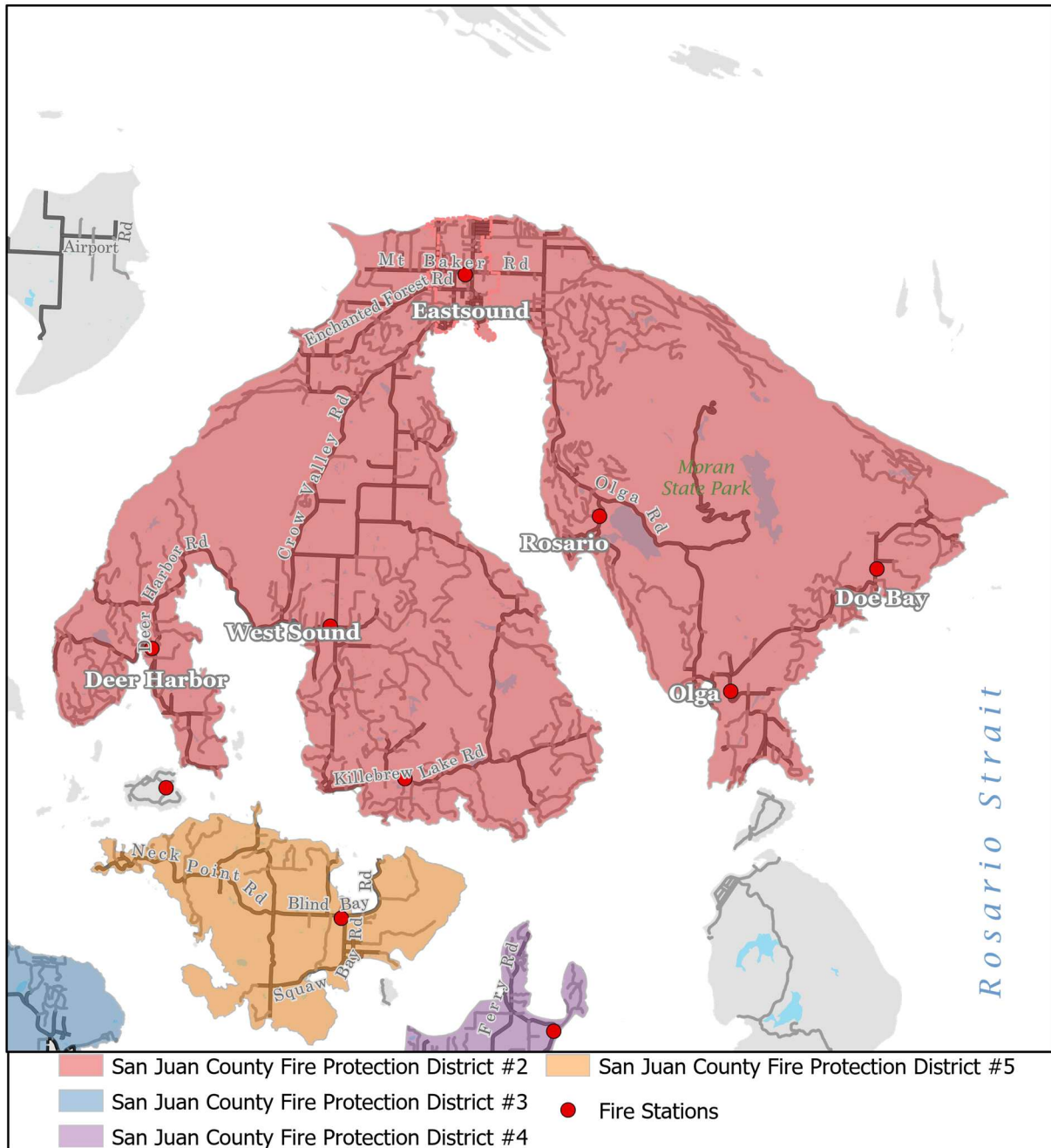
2024 Call Types



MAJOR INCIDENT TYPE	# INCIDENTS	% of TOTAL
Fires	12	1.08%
Rescue & Emergency Medical Service	861	77.64%
Hazardous Condition (No Fire)	8	0.72%
Service Call	120	10.82%
Good Intent Call	40	3.61%
False Alarm & False Call	64	5.77%
Special Incident Type	4	0.36%

Source: Orcas Fire Department, 2019

Map 10
Orcas Fire District 2.



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Lopez Island

Lopez Island Fire District 4

San Juan County Fire District 4 covers 27 square miles on Lopez Island from four fire stations:

Table 29. Lopez Island Fire District 4: Stations.

Station	Area	Location	TPN
41	Village Center	2228 Fisherman Bay Road	251544006000
42	South End	20 MacKaye Harbor Road.	141855002000
43	North End	810 Port Stanley Road	250143011000
44	Island Center	4136 Center Road	252634003000

Source: Lopez Fire District 4

The district has eight paid employees:

- 1 Chief Officer;
- 1 Part time Deputy Chief
- 3 Captain Paramedic Firefighters.
- 1 Administrative Coordinator
- 2 Fire Fighter EMT's

Additionally, the district is assisted by volunteer staff. Two Lieutenants Fire and EMS. Three Lieutenants fire only, Two Lieutenants EMS only, Five Firefighter/EMT, Eleven EMT only, and Nine Firefighter only.

Table 30. Lopez Island Fire District 4: Equipment Detail.

Station	Type	Detail
Station 41	Engine 41	1996 H&W, 1500 GPM, 750 Gal. Will be replaced in late 2025 with a 2025 Spartan 1500 GPM, 1000 gallons.
	Tender 41	2007 H&W, 1000 GPM, 750 Gal with CAFS
	Rescue 41	2023 Dodge RAM 5500, 250 GPM, 400 Gal with Ultra high pressure pump.
	Aid 41	2015 Dodge Braun ALS Unit
	Bush 41	2021 Ford F-350 18 GPM pump, 250 gallons Paramedic Response units x 3
	Trailer	2005 utility trailer (at station 43 but will move in late 2025 with addition of mini pumper)
		Command Vehicle
Station 42	Engine 42	1997 Central States, 1500 GPM, 1000 Gal. Will be retired in late 2025 and replaced with the 1996 H&W from Station 41.

San Juan County Comprehensive Plan 2025 - 2045

	Tender 42	2002 Freightliner 500 GPM, 1800 Gal
	Brush 42	1996 Ford F350, 250 GPM, 250 Gal

Station	Type	Detail
Station 43	Engine 43	Late 2025: 2024 Ford F-600 mini pumper , 750 GPM, 500 Gal
	Brush 43	2004 Boise Mobile type 3 engine 500 GPM 500 gallons
Station 44	Engine 44	1996 H&W 1500 GPM, 750 Gal
	Aid 44	2022 Horton, Dodge RAM 5500

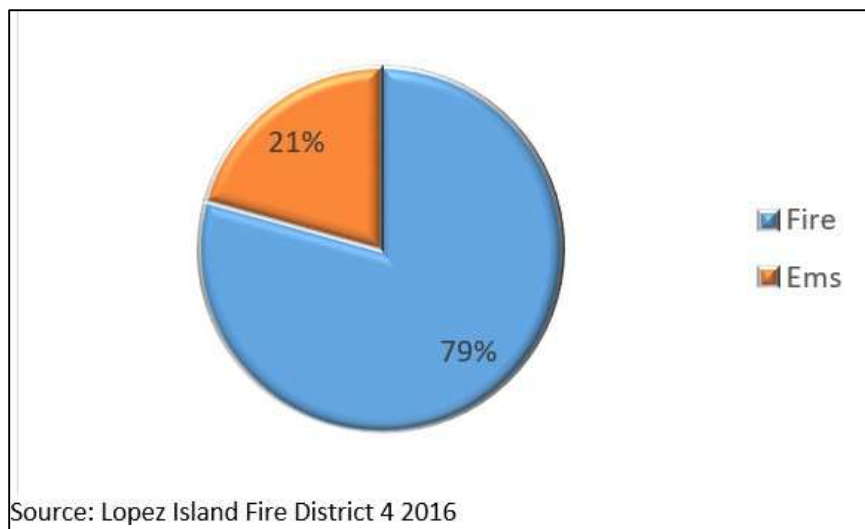
Source: Lopez Island Fire District 4

Fire District 4 has the ability to respond to calls for:

- Structure fires;
- Emergency medical response; Both ALS and BLS
- Motor vehicle accidents (Technical rescue/Extrication team);
- Wildland Fire;
-
- Wilderness Search and Rescue (Lopez Island Fire District 4 augments search efforts of the County Sheriff's department); and
- Hazardous Materials Response.

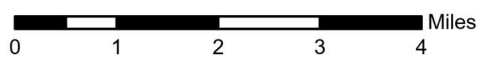
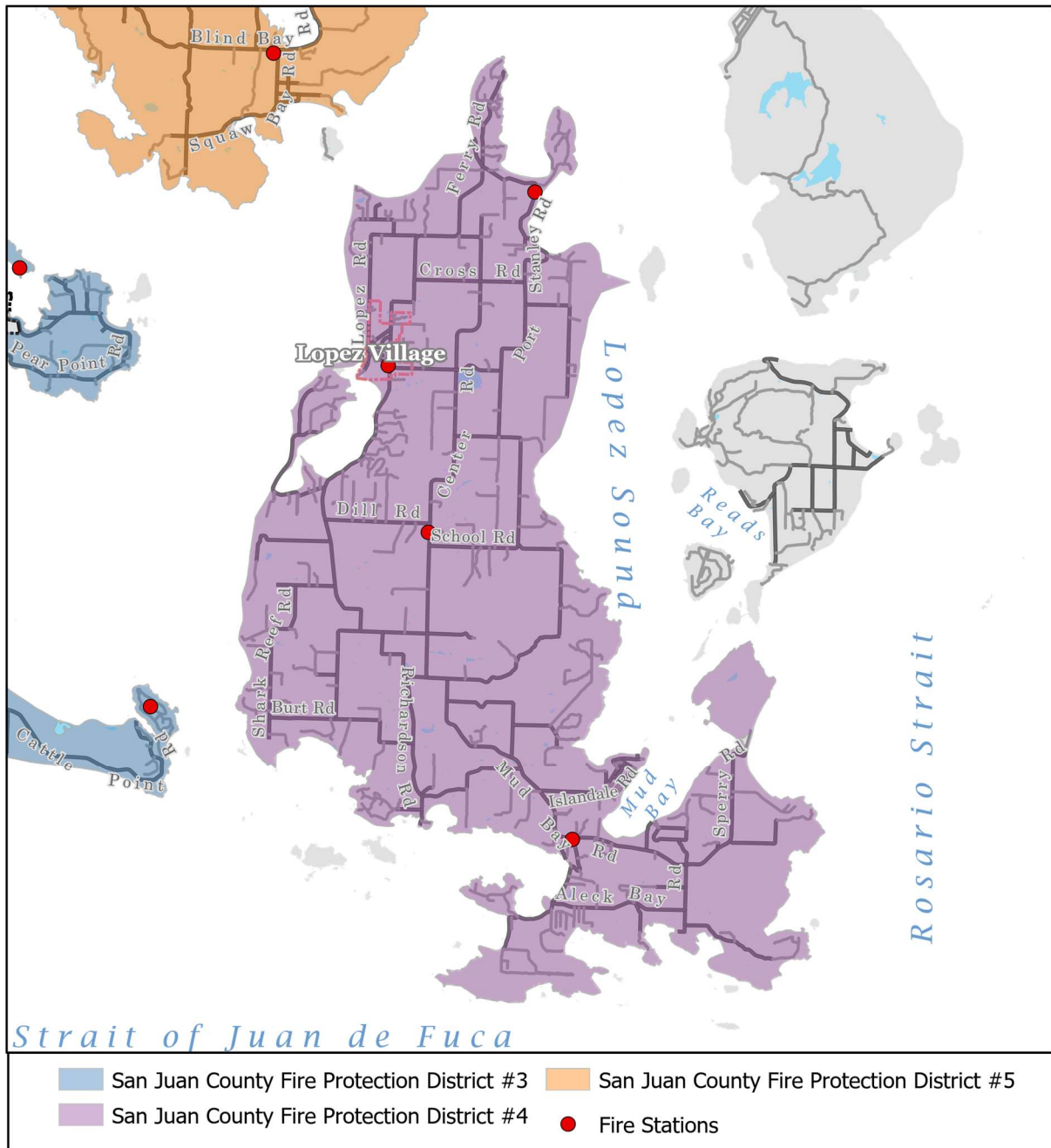
Figure 6

Lopez Fire District 4: Call Percentages by Type. 2024 Call response EMS Response 89% Fire and other 11%



Source: Lopez Island Fire District 4 2016

Map 11
Lopez Fire District 4.



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Shaw Island

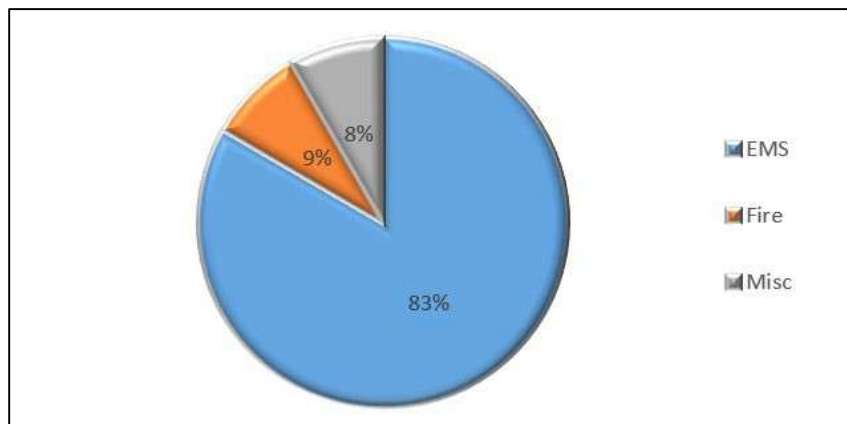
Shaw Island Fire District 5

San Juan County Fire District 5 serves Shaw Island and consists of three separate fire stations. A three-member Board of Commissioners governs the District. They provide Legislative direction. The department has two part-time employees, a Chief and an EMS Coordinator. Staffing is augmented with nine volunteer firefighters and eight volunteer EMTs.

Average response time in 2016 was six minutes. Multiple response is normal on Shaw Island with all stations reporting to all calls.

Station 51 is located at 44 Reef Net Bay Road and consists of two buildings. 4495 square feet total. It houses all of the apparatus except for a wildland truck-W52. That engine is housed at Station 52 which is located at 1903 Ben Nevis Loop. Building is 480 square feet.

Figure 7
Shaw Fire District 5: Call Percentages By Type.



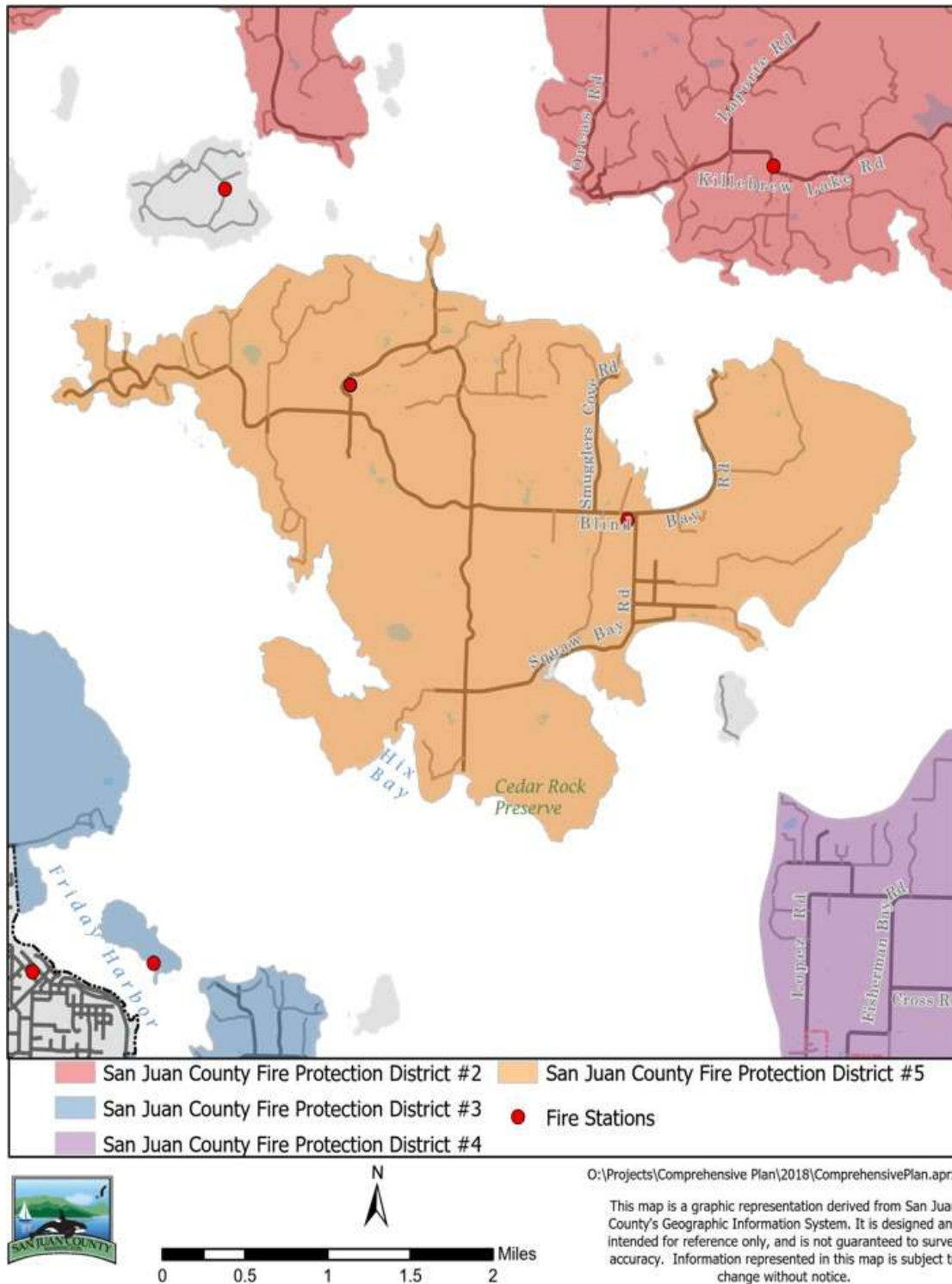
Source: Shaw Fire District 5

Table 31. Shaw Fire District 5: Equipment Detail.

Station	Type	Detail
Station 51	Fire Engine	E 51 – 1999 Pierce Dash 750 GAL/1000 GPM
	Tanker	W-51 - 2018 Dodge 550 4WD 400GAL 100GPM
	Ambulance	BLS AMBULANCE Aid 51 – 1991 Aid 52- Back up Ambulance
	Fire Engine	E 52 – 1986 Pierce Dash 750 GAL/750GPM
Station 52	Fire Engine	W-52 - 2001 International 700 GAL
	Type 4 Engine	W-52-1996 International Type 4 Engine.

Source: Shaw Island Fire District 5

Map 12
Shaw Fire District 5.



Hospital Districts

The t below identifies the public hospital district facilities serving San Juan County.

Table 32. San Juan County Public Hospital Districts.

District	Name	Address	TPN / Square Footage
1	Administrative Offices	535 Market Street, Suite E, Friday Harbor	351491537000 2,484 square feet
	Village at Home	535 Market Street, Suite C. Friday Harbor	351491537000 1,356 square ft.
	Village at the Harbor	543 Spring Street, Friday Harbor	351491513000 28,400 square ft.
	San Juan Island EMS	1079 Spring Street, Friday Harbor	351491801000 4,300 square ft.
2	Lopez Island Hospital District	262 Weeks Rd, Lopez Island	251541011000 8,800 square feet (w/o deck)
3	Orcas Island Health Care District (OIHCD)	410 Prune Alley, Unit B, Eastsound	271452101000 Unit B – 546 square feet
	Island Health Primary Care - Orcas	7 Deye Lane, Eastsound	271411009000 6,067 square feet (w/o deck)

San Juan County Public Hospital District #1

San Juan County Public Hospital District No. 1 is a junior taxing district of San Juan County, Washington serving the Town of Friday Harbor, San Juan Island, and the islands of Brown, Pearl, Henry, Spieden, Stuart, Johns, and some smaller islands. San Juan County Public Hospital District #1 operates San Juan Island EMS, Village at the Harbor, and Village at Home. It also pays a large subsidy to support clinic and hospital services at Peace Health Peace Island Medical Center, Mt. Baker Planned Parenthood, Joyce L. Sobel Family Resource Center, and the Prevention Coalition. It has two levies, one which supports EMS, and the other which supports all remaining operations and subsidies.

Lopez Island Hospital District

Emergency and general health care on Lopez Island is provided entirely at the UW Medicine Lopez Island Clinic located at the northwest corner of Washburn Place and Village Road. The clinic is a 2,300

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square foot outpatient facility owned by the Katherine Washburn Memorial Association and governed by a non-profit organizational board made up of nine elected members. In April of 2017, voters approved *Resolution 9-2017*, approving a Hospital Taxing District for Lopez Island. The district was created with five commissioners residing within five separate districts. The district was developed to help offset costs associated with funding rural healthcare.

On September 30, 2017, UW Medicine assumed full operation of the clinic and clinical care for patients on Lopez Island. The Catherine Washburn Association continues to assume property management of the space to include assessment and management of equipment and building maintenance.

The medical clinic is open from 8:00 a.m. to 5:00 p.m. Monday through Friday. It does not provide beds for patients to stay in for any extended length of time. One nurse practitioner and one physician provide service at the clinic. The clinic serves an average of 4,900 patients per year.

Orcas Island Health Care District (OIHCD)

OIHCD was formed as a Public Hospital District in 2018, is governed by a Board of five elected Commissioners, and employes a Superintendent and an Administrative Assistant. The District currently owns two parcels of land, one which houses the medical clinic building and the other is vacant.

OIHCD entered into a service agreement with Island Health in 2021, branding the medical clinic as Island Health Primary Care – Orcas.

Emergency Medical Services

San Juan Island

Emergency Medical Services (EMS-911) and critical care transport services are provided through San Juan Island Emergency Medical Services, which is operated by the San Juan County Public Hospital District No. 1. It is based out of the Frank Wilson Memorial building located next to the PeaceHealth Medical Center at 1117 Spring Street in Friday Harbor.

San Juan Island Emergency Medical Services has three fully equipped Advanced Life Support (ALS) ambulances and several support vehicles. San Juan Island EMS has over 30 active volunteer EMTs. Marine emergency medical response is completed with the Sheriff's boat, moored at Friday Harbor Marina, along with vessel assist/rescue from the Coast Guard and Navy. The fire boat belonging to San Juan Island Fire and Rescue is sometimes utilized for in-District responses.

All of the islands' ALS ambulances are stationed at the headquarter station. The 4,300- square-foot facility consists of a two-bay garage for two ambulances, a classroom that can accommodate 50 students, full kitchen area, administrative offices, three restrooms and ample storage space. The upstairs accommodates a conference room, bathroom with showers, and sleeping quarters, and an additional finished storage area. At any given time a minimum of one EMT and one paramedic will be on duty staffing one ambulance. Staffing may exceed this, but does not go below this minimum staffing level.

Services provided at PeaceHealth Medical Center are limited and patients in need of serious care are flown *via* Airlift Northwest (helicopter), Island Air Ambulance (fixed wing), Life Flight (helicopter), or ferried to Island Hospital in Anacortes, St. Joseph's Hospital in Bellingham, Harborview Medical Center

in Seattle, as well as other regional hospitals and trauma centers. Emergency transport by air providers takes 15-30 minutes to reach most destinations from San Juan Island. Sometimes these services are not available due to weather and other patient care needs. The Coast Guard and Navy respond in extreme weather conditions and work with San Juan Island EMS to initiate patient care and prepare patient transport.

San Juan Island EMS responds to San Juan, Brown, Pearl, Henry, Spieden, Stuart, Dinner, O’Neal, Cactus, Satellite, Johns, Cemetery, Gossip (aka George), Goose, Sentinel, Turn, Flattop, Low, Battleship, Barren, Posey, Pole, Ripple, Gull Rock, Danger Rock, Happy, Guss and Reef Pro Islands. The average district-wide call response time is about 8 minutes. Around 70 percent of calls are in the Friday Harbor area where response time is approximately 5 minutes. San Juan Island EMS responds to all EMS calls within its District boundaries.

Table 33. Emergency Medical Stations.

Station	Address	TPN	Area
Frank Wilson EMS Building	1079 Spring Street	351491801000	Friday Harbor

Source: San Juan County EMS 2017

San Juan Island EMS is part of San Juan County Public Hospital District No. 1, a large healthcare services provider on the island with over 50 employees. San Juan Island EMS is supported by an administrative team and various other professionals outside of the department of EMS. San Juan Island EMS has twelve full-time, uniformed employees:

- 1 Chief (EMT)
- 1 Assistant Chief (Paramedic)
- 1 Director of Outreach and Logistics (EMT)
- 5 staff Paramedics
- 4 staff Emergency Medical Technicians.

The department has over 20 volunteer Emergency Medical Technicians that assist with calls. The department has the ability to respond to the following calls:

Primary

- Emergency Medical Response
- Community Paramedicine
- Motor Vehicle Accidents
- Marine Rescue/Search and Rescue/and Transport

Secondary or Assist

- Structure Fire
- Wildland Fire
- Low and High Angle Rope/Technical Rescue
- Wilderness Search and Rescue
- Hazardous Materials Response

Orcas Island

Emergency medical services are provided by Orcas Island Fire District 2. Advanced Life Support (ALS) trained Firefighter Paramedics and Basic Life Support (BLS) trained Firefighter-Emergency Medical Technicians (EMT) respond to all medical calls.

Lopez Island

Emergency medical services are provided and funded through Lopez Fire District 4. Services include two ambulances, one at Station 41 and one at Station 44. Two full time paramedics provide advanced life support services with volunteer EMTs.

Shaw Island

Emergency medical services are provided and funded through Shaw Fire District 5.

Other Islands

Emergency medical services are not housed on islands other than San Juan, Orcas, Lopez, and Shaw Island. EMS is provided on the waterways and other non-ferry serviced islands through a mutual aid contract with San Juan Island EMS and the San Juan County Sheriff's Department. Brown Island, Stuart Island, Johns Island, Spieden Island, Pearl Island and Henry Island are served by San Juan Island EMS which is funded under their Junior Taxing District. These islands are accessed through a mutual aid agreement with the Town of Friday Harbor Fire Boat Confidence and the San Juan County Sheriff boats when/if available. They are additionally served through fixed wing plane service under contract with San Juan Island EMS.

Department of Emergency Management

The San Juan County Department of Emergency Management (DEM) exists to help the islands prepare for, respond to, and recover from disaster and large-scale emergencies of all kinds. The DEM is located at 915 Spring Street in Friday Harbor and is staffed by the Director of Emergency Management. There is also a DEM office in Eastsound on Orcas Island, , staffed by the Assistant Directory of Emergency Management.

During emergency or disaster events, the DEM activates and staffs the County Emergency Operations Center (EOC) to assist in coordinating response activities, allocating resources, and facilitate recovery efforts. The EOC is located at the Marie Boe Building at the San Juan County Fairgrounds at 849 Argyle Ave in Friday Harbor. The DEM's priorities include education and preparedness along with coordination of resources and dissemination of information in the event of an emergency. The DEM works closely with local, regional and state government along with local non-governmental organizations to assure an effective disaster response.

The DEM also works closely with the non-profit Islands Oil Spill Association (IOSA) to maintain a large supply of oil spill response equipment in San Juan County.

7.3.8 COUNTY PORTS

San Juan Island

Port of Friday Harbor

The Port of Friday Harbor is located in Friday Harbor on San Juan Island. Friday Harbor is the largest town in the San Juan archipelago and serves as the county seat. The Port's properties include the Friday Harbor Marina, Shipyard Cove, Jensen's Marina, Friday Harbor Airport and Jackson's Beach. These public facilities were developed to provide air and water transportation and recreation for residents and visitors.

The Port of Friday Harbor is owned by the citizens of San Juan Island. Property owners in the district pay a small portion of property taxes to support the mission of the Port. Almost all Port revenue comes from the operation of the marina, airport user fees, and from rents for buildings, hangars and moorage slips. These revenues support the maintenance and operation of Port properties and pay for new construction and upgrades to the public's infrastructure. Some larger projects are financed with grants from the federal government, Washington State and other sources. The Port has financed large marina projects with the sale of bonds that are paid from marina operating revenues.

The Port is home to 20 businesses at the Marina and 15 companies at the Airport. The Port works with the San Juan Islands Economic Development Council to promote economic development activity and diversity throughout San Juan County.

The Port of Friday Harbor Marina provides year-round shelter for recreation and fishing boats. The marina is located in the town of Friday Harbor on Fronts Street. Services available at the marina include free Wi-Fi, a Shell Fuel Pier, potable water, on-site laundromat, restrooms and quarter-operated showers plus vessel sewage pump-out options (stationary unit, portable unit and a pump-out boat).

The marina was originally constructed in the early 1970s, and has grown over the years to 500 slips, with 100 available for overnight visitors. Larger boats can tie alongside the floating concrete breakwaters. Scheduled seaplane service connects the marina to Seattle's Lake Union, making connection for crew and owners to meet their boats in Friday Harbor. Passenger ferry services offer trips between San Juan, Orcas, Lopez and Shaw Islands and Anacortes with international sailings in the summer season.

The Port's Spring Street Landing is the home to many businesses such as whale watch tours, fishing charters and food establishments.

Friday Harbor Airport (KFHR) is a full-service airport offering US Customs point of entry, aviation fuel, repair and maintenance as well as flight instruction opportunities. The Port of Friday Harbor Airport serves the commercial, general aviation and corporate air transportation needs of the islands with over 50,800 annual operations for 2014. The Roy Franklin Terminal accommodates over 10,000 passengers each year with scheduled air service to Seattle, Bellingham, and Anacortes and charter service to other destinations. There is a maintained 3400 foot by 75-foot runway with medium intensity LED runway lighting, 40 aircraft tie-downs, 55 port-owned hangars, 46 privately owned hangars, and 143 based aircraft. Ground transportation is available including taxis, rental cars, and shuttle buses.

Jackson’s Beach is a public beach two miles from the ferry landing. There are beach volleyball courts, restrooms, parking spaces, free boat launch, and 3 picnic sites with fire rings and BBQ grills. Built in the summer of 2000, this facility offers a two-sided paved boat launch. The Jackson’s Beach restrooms are located adjacent to the boat launch.

There is a 14 acre property that includes all of the Argyle Lagoon tidelands (12.3 acres classified as “oyster lands” by the State) including part of a tidal creek, and a 1.7 acre upland parcel that borders on Argyle Lagoon as well as on Pear Point Road. The University of Washington leased Argyle Lagoon from 1965, purchased the property in 1984, and now manages Argyle Lagoon as one of the five Washington State Department of Fish and Wildlife (WADFW) fisheries preserves established in 1990, known collectively as the “San Juan Islands Biological Preserves”.

The Port of Friday Harbor acquired the historic Albert Jensen and Sons Boatyard and Marina in 2018 and the adjacent Shipyard Cove Marina in 2019. There are plans to improve, maintain and expand facilities at the properties. Projects may include additional permanent moorage, an improved barge landing, and a deep-water travel lift. The soil and marine sediment at the sites are contaminated from decades of industrial use. In partnership with the Department of Ecology, the Port will take action to clean up the site in 2020.

The Port employs 21 year-round staff members and an additional 10 summer staff positions and is governed by a three-member Board of Commissioners elected to overlapping six-year terms.

Table 34. Port of Friday Harbor Facilities.

Facility	Location	TPN	Notes
Friday Harbor Marina	Friday Harbor	351150004000 351355001000 351353001000 351350502000	500 moorage slips
Friday Harbor Airport	Friday Harbor	351491631000 351491902000 352312016000	There are 19 other Port of Friday Harbor-owned parcels associated with and adjacent to the airport
Jackson Beach	San Juan Island	352421003000	14 acres
Jensen and Sons Boatyard and Marina & Shipyard Cove Marina	San Juan Island	351341006000 351341005000	1.71 acres 4.79 acres

Source: San Juan County GIS.

Orcas Island

Port of Orcas

Orcas Island Airport (KROS) covers an area of 105 acres, which contains one asphalt-paved runway (16/34) measuring 2,900 x 60 feet. In 2014, the airport had 41,800 aircraft operations; 79 percent general aviation, 16 percent commercial and 5 percent air taxi. This averages to 114 operations per day.

In July 2017, 70 single engine aircraft and four multi-engine aircraft were based at Orcas Airport. Overnight tie-down guests are permitted to camp with their airplane at the airport. There is a single shower and bathroom located on the North end of the middle row of hangars about 125 yards east of the tie-down area. Two regular bathrooms are available in the terminal 150 yards south of the tie-down area. The terminal is typically open from 7:30 a.m. to 5:30 p.m. There is also a portable restroom next to the fuel facility just south of the tie-down area.

Passenger services include commercial flights from several regional airports, air taxi and Mercy Flights. The Orcas Aviation Association, a registered 501(c)3, administers the Mercy Flight Program on Orcas Island. It is run by volunteer pilots and depends on donations to help offset fuel prices. On a case-by-case basis, they also fly acute, non-emergent patients that need to be seen off-island and also fly loved ones to accompany patients who have been airlifted for emergencies.

Table 35. Port of Orcas Facilities.

Facility	Location	TPN	Notes
Orcas Island Airport	Eastsound	271142023000	40.42 acres
Airstrip		271142024000	4.28 acres
		271143016000	8.52 acres
		271412013000	5.10 acres
		271412009000	2.66 acres
		271412010000	4.07 acres
		271131001000	41.51 acres
		271153008000	0.95 acres

Source: San Juan County GIS.

Lopez Island

Port of Lopez

Lopez Island Airport is a public airport located three miles south of the village of Lopez, on the west side of Lopez Island. The airport is owned by the Port of Lopez. The Port District boundaries encompass all of Lopez Island.

Lopez Island Airport covers an area of 50 acres (20 ha) at an elevation of 209 feet (64 m) above mean sea level. It has one runway designated 16/34 with an asphalt surface measuring 2,904 by 60 feet. At the airport there is a detached, heated bathroom and shower building to support three fly-in camping spots.

For the 12-month period ending May 31, 2007, the airport had 31,500 aircraft operations, an average of 86 per day: 75 percent general aviation and 25 percent air taxi. At that time there were 34 aircraft based at this airport: 94 percent single-engine, percent multi-engine and 3 percent helicopter.

The Port of Lopez owns and operates the Lopez Island airport, aircraft hangars and storage units. It owns the surrounding land and an easement on land south and west of the airport for stormwater management. The Port also owns oil spill cleanup equipment, which is used by the Islands Oil Spill Association. The Port of Lopez operates a Blackwater Pump-out boat available during the high summer boating season for free, on-call wastewater pump-out. The Port continues to look for viable waterfront opportunities.

Future planning by the Port includes:

- Making improvements to existing airport facilities in accordance with the FAA approved Airport Improvement Plan.
- Identify and acquire land around the airport for aircraft safety and as a residential buffer.
- Develop Port properties as appropriate for the mission of the Port.
- Develop a waterfront presence by identifying, acquiring, and developing shoreline parcels for commercial, recreational, and/or public access purposes.

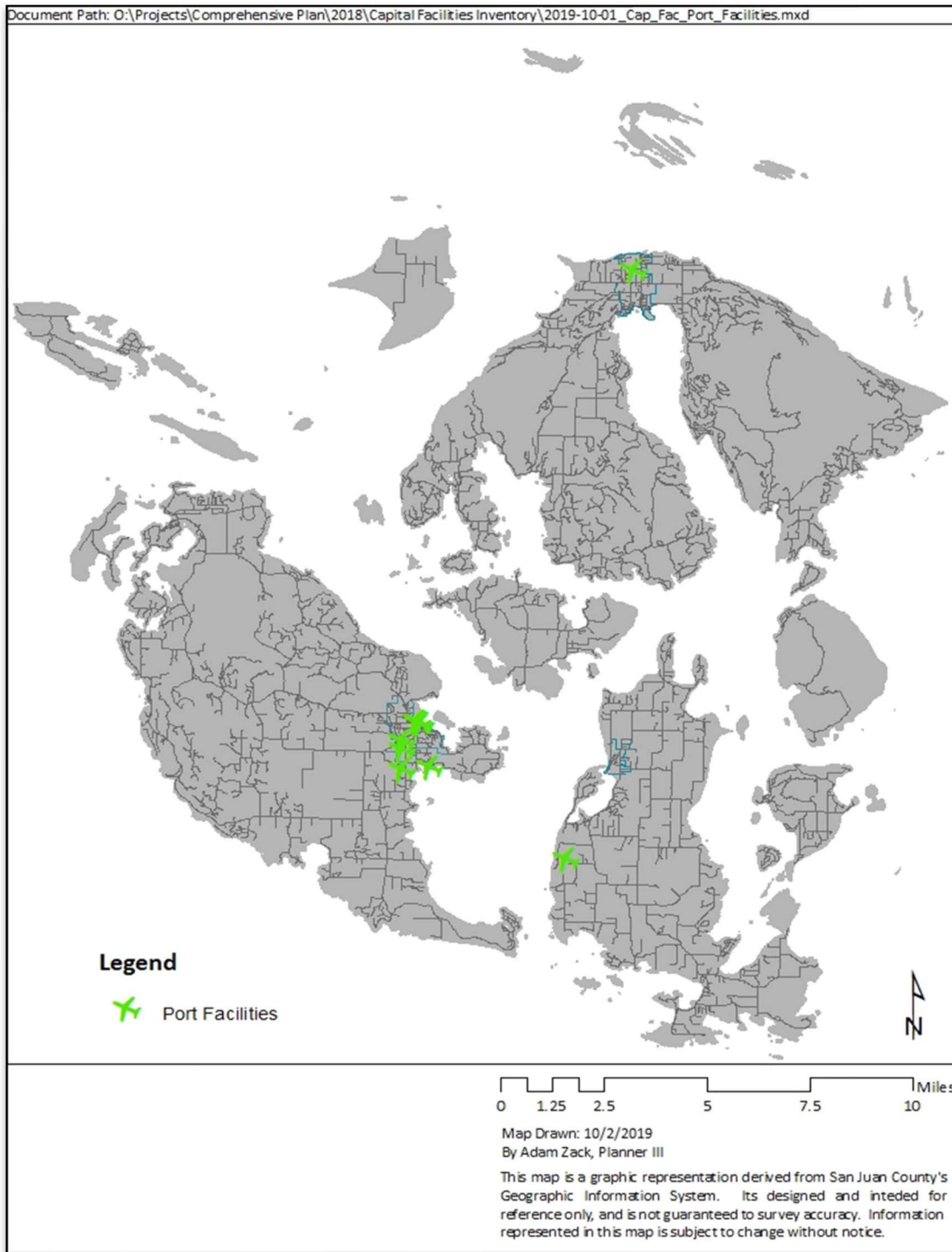
These will be funded by normal revenue sources available to the Port from property taxes, grants and local, state and federal funding opportunities.

Table 36. Port of Lopez Facilities.

Facility	Location	TPN	Notes
Lopez Island Airport Airstrip	Lopez Island	253314003000	84.11 acres
		240412002000	2.66 acres
		240411006000	2.36 acres
		253313004000	5.63 acres
		253311004000	1.38 acres
Other properties		252712008000	0.40 acres

Source: San Juan County GIS.

Map 14
Port Facilities.



7.3.9 HEALTH AND SOCIAL SERVICES

Medical Clinics

Emergency and general medical health care in San Juan County is limited to small medical clinics that serve the public on San Juan, Orcas, and Lopez islands. Patients in need of emergency medical services not provided at these clinics are transported *via* ambulance by ferry or air to several medical facilities on the mainland.

Table 37. Medical Clinics.

Facility	Location	TPN	Square Feet
PeaceHealth Peace Island Medical Center (PIMC)	Friday Harbor	351491802000	36,992
Island Health Primary Care – Orcas.	Eastsound	271411009000	6,067
UW Medicine Lopez Island Clinic	Lopez Village	251544011000	2,300

Source: San Juan County GIS.

San Juan Island

Peace Health Peace Island Medical Center (PIMC) is a ten-bed 36,992 square foot critical access hospital that also houses an expanded primary and specialty care clinic to serve those who live, work and play in the San Juan Islands. Caregivers provide on-site care with additional services provided by regular visiting specialists and a telemedicine system. PIMC services include cancer care, emergency room and family medicine, imaging services, in-patient stays, laboratory, outpatient surgery, specialty care and tele-medicine.

Orcas Island

Emergency and general health care services on Orcas Island was previously provided through the Orcas Medical Center (OMC) located on Mt. Baker Road. Unlike San Juan Island, which has a Hospital District, medical services on Orcas Island were partially funded through Island Hospital located in Anacortes and partially through patient visits. Island Hospital had a two-year agreement to provide staff, equipment and building maintenance. Staff included one full-time and one part-time physician. Medical services are provided by three different practices: Orcas Island Family medicine (privately operated); Orcas Family Health Center, a 501(c)3; and Orcas Medical Center, which was partially funded through Island Hospital located in Anacortes, the Orcas Medical Foundation (OMF) 501(c)3, and patient revenue.

OIHCD entered into a service agreement with Island Health in 2021, branding the medical clinic as Island Health Primary Care – Orcas.

San Juan County Comprehensive Plan 2025 - 2045

The clinic is a 6,067 square foot outpatient facility owned by the Orcas Medical Foundation (OMF), a non-profit organization made up of no more than fifteen and at minimum nine directors. The existing facility was completed in 1991 and equipment improvements are implemented as needed.

The clinic serves an average of 5,000 patients per year, but does not provide beds for patients to stay in for any extended length of time. Patients in need of medical services not provided at the clinic are flown via Airlift Northwest or Island Air to the appropriate facility providing the needed higher level of care.

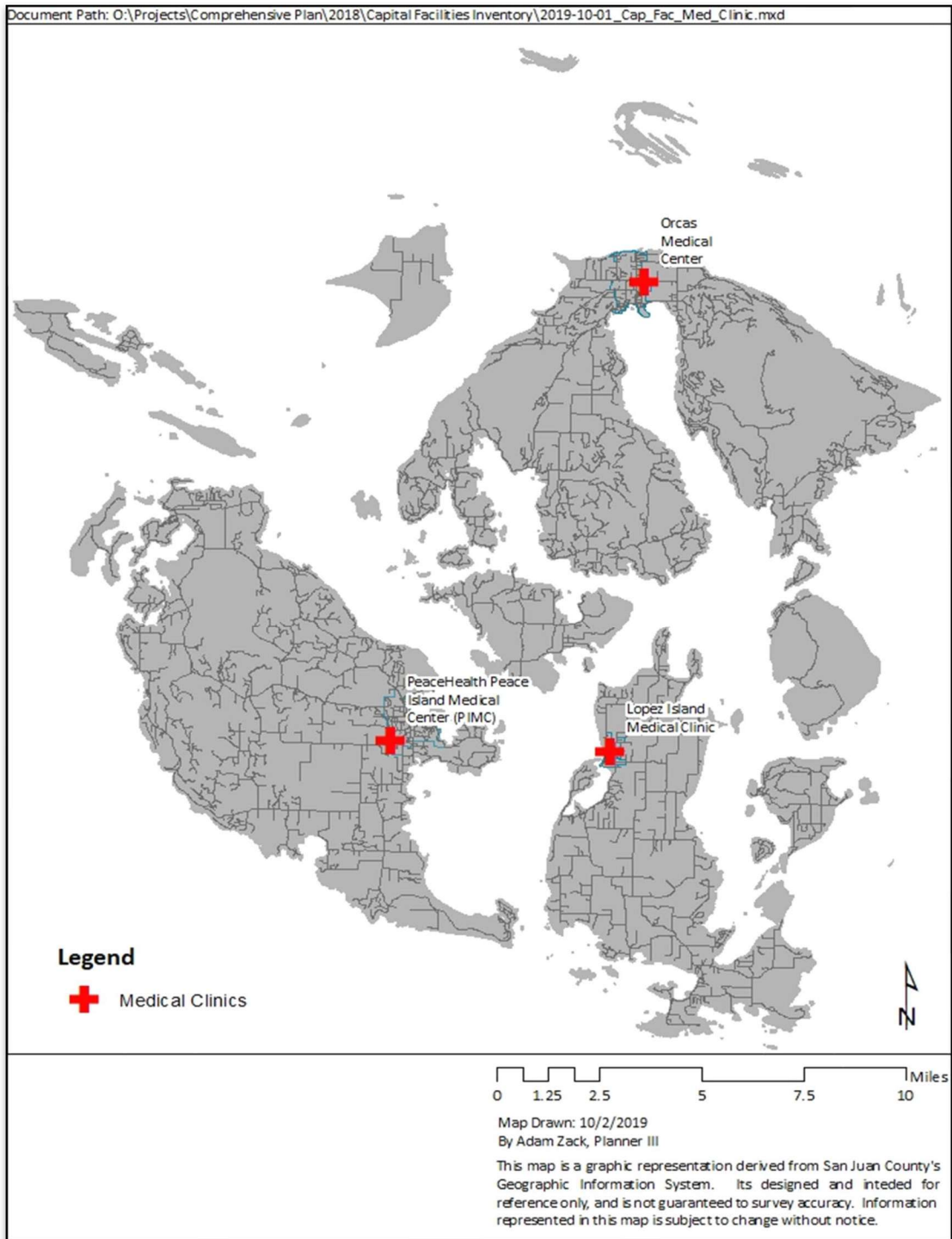
Lopez Island

Emergency and general health care on Lopez Island is provided entirely at UW Medicine Lopez Island Clinic located at the northwest corner of Washburn Place and Village Road.

LIMC is a 2,300 square foot outpatient facility which is owned by the Katherine Washburn Memorial Association and is governed by a non-profit organizational board made up of nine members elected to terms of varying length. On September 30, 2017 UW Medicine assumed full operation of the clinic and clinical care for patients on Lopez Island. The Catherine Washburn Association continues to assume the property management of the space to include assessment and management of equipment and building maintenance. In April of 2017, voters approved *Resolution 9-2017*, approving a Hospital Taxing District for Lopez Island. The district was created with five commissioners residing within five separate districts. The district was developed to help offset costs associated with funding rural communities.

The medical clinic is open from 8:00 a.m. to 5:00 p.m. Monday through Friday, but does not provide beds for patients to stay in for any extended length of time. One nurse practitioner and one physician provide service at the clinic. The Clinic serves an average of 4,900 patients per year.

Map 15 Medical Clinics.



Senior Services

San Juan County has a high share of the population age 65 and older compared to other counties in Washington State. Senior Services programs are provided at three senior centers on San Juan, Orcas and Lopez islands in coordination and collaboration with the non-profit organizations based at each of the senior centers, as well as the Whatcom Council on Aging and the Northwest Regional Council. San Juan County Health and Community Services staff are embedded in all three centers and provide a variety of programs and services including family caregiver support, information and referral assistance, production of monthly newsletters, and leading evidence-based health and wellness programs such as Powerful Tools for Caregivers workshops. Programs and services are provided by a Human Services Manager, four Senior Service Specialists, and two Aging and Family Case Coordinators.

The Senior Service programs are designed to maximize elders' independence through providing congregate meals, Meals on Wheels, case coordination and information and assistance. Congregate meals are served twice a week on Lopez, Orcas, and San Juan with home delivered meals available three days a week on Orcas and San Juan to homebound seniors who need nutritional support.

Family Caregiver Support Programs support family or unpaid caregivers to maintain care plans for the long term to support aging in place and avoid removing elders from their communities. These programs include caregiver support groups, education, legal support, counseling, massage, disease-specific guidance, peer support, and respite care.

Other programs offered at the senior centers include yoga classes, meditation classes, strength training, memory café, balance class, Prostate Cancer and Parkinson's support groups, presentations from Hospice of the Northwest, Medicare Planners, and workshops on estate planning and advance directives. The centers also provide enrichment programs, such as bingo, bridge, music, quilting, knitting, and painting. Programs vary depending on location.

Senior Services Programs are offered under contract with Northwest Regional Council through the San Juan County Health and Community Services Department with significant support from the three 501(c)(3) non-profit corporations based on Orcas, Lopez, and San Juan.

San Juan Island, Orcas Island, and Lopez Island each have their own senior centers, which serve as resource and information centers for programs serving those over age 60. The senior centers on all three islands host hot lunches and the cost is donation-based for participants 60 and older. Meals on Wheels are also delivered to eligible homebound seniors needing nutritional support. The centers also provide a focus for organized social activities that provide opportunities for seniors to remain active in the community.

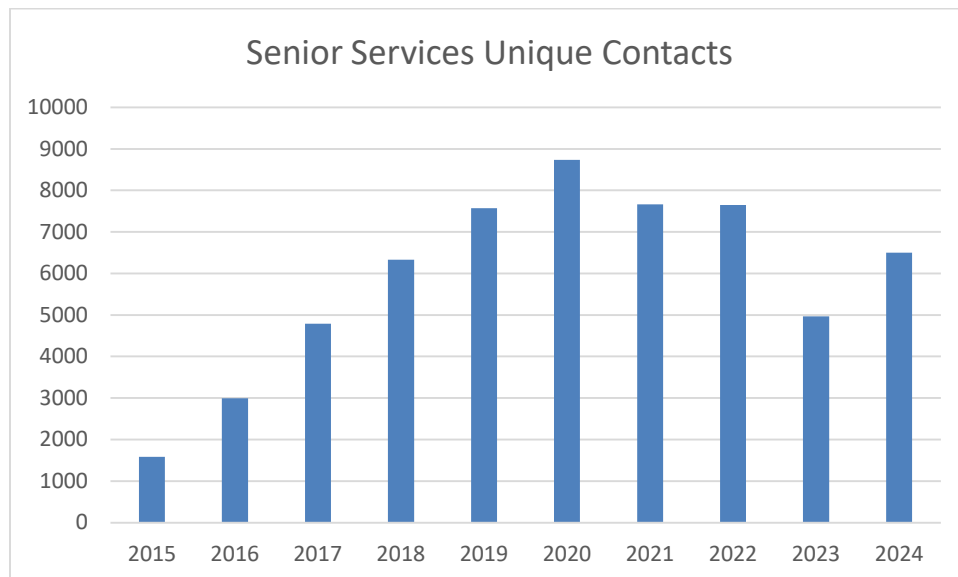
Table 38. Senior Center Facilities Square Footage.

Senior Center	Location	TPN	Square Feet
Mullis	589 Nash Street, Friday Harbor	351491528000	7,850
Orcas Island	62 Henry Rd, Eastsound	271412022000	5,121
Lopez Island	Woodmen Hall, Lopez Village	252731001000	1,078

Source: San Juan County Department of Health and Community Services

The figure below represents the number of unique contacts by senior services staff providing information and assistance

**Figure 8
Senior Services Unique Contacts 2015-2025.**



Source: San Juan County Health and Community Services (2025)

The Meals on Wheels program provides meals to eligible homebound seniors and disabled adults aged 60 and older that need nutritional support.

Table 39. Meals on Wheels (Home Delivered Meals) by Island, 2014 - 2024.

Year	San Juan Island	Orcas	Lopez
2014	1592	1103	1360
2015	1310	1235	859
2016	1326	1958	935
2017	1608	2949	1308
2018	2630	2555	987
2019	4550	2950	1400
2020	6203	3731	3106
2021	7744	3576	3309
2022	8231	5197	2599
2023	10172	8628	3105
2024	10853	9771	2669

Congregate meals are served two times a week on three different islands to seniors aged 60 years and older.

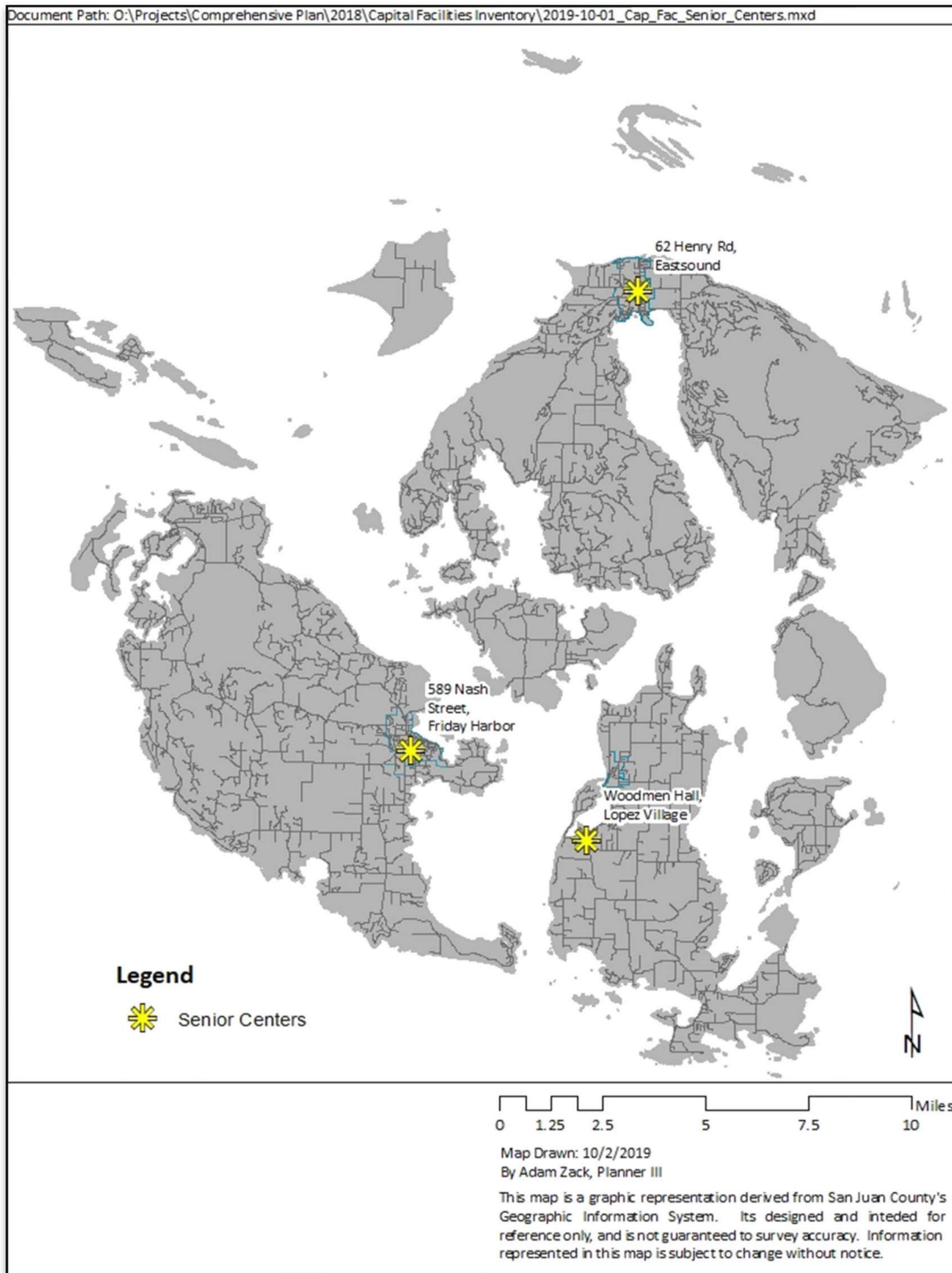
Table 40. Congregate Meals Served by Island, 2014-2024.

Year	San Juan Island	Orcas	Lopez
2014	8903	7714	3894
2015	7724	8359	4406
2016	7115	8752	4553
2017	6876	8384	4357
2018	7126	8369	4059
2019	8200	8100	4250
2020	5482	6343	1448
2021	3085	6220	661
2022	3712	6976	1395
2023	5947	5991	3206
2024	7140	6550	2986

Transportation

San Juan County Human Services staff has supported the evolution of local systems to provide transportation to seniors needing transportation support. The nonprofit IslandRides now operates on San Juan, Lopez, and Orcas islands and is available for both on-island transportation needs as well as off-island medical trips. IslandRides has a wheelchair van positioned on each of these three islands for wheelchair users that need transportation assistance. This transportation support helps residents attend senior lunches, run errands, and get to medical appointments. County staff supported the development of the program and make regular referrals to this service as well as interface with IslandRides when participants need extra support accessing the service. The County works in collaboration with the three senior center nonprofits and Whatcom Council on Aging to ensure vehicles are available for the Meals on Wheels routes across Lopez, Orcas, and San Juan. The County also manages the Transportation Voucher Program which supports low-income households across the County in buying ferry tickets and paying fares for travel. The Transportation Voucher Program is coordinated by County staff and involves a network of transportation providers as well strong partnerships with the resource centers on Orcas, Lopez, and San Juan Island. Through all of these collaborations and partnerships, seniors are able to access transportation supports and home delivered meals are delivered to eligible home bound seniors needing nutrition support on Orcas, Lopez, and San Juan islands.

Map 16
San Juan County Senior Centers.



7.3.10 EDUCATIONAL AND RECREATIONAL SERVICES

There are other capital facilities and services owned or operated by independent taxing districts and public or private service organizations which provide facilities and services to meet the diverse needs of island communities. These facilities and services are not subject to level of service or concurrency standards but are important to the quality of life in the county as indicated in the Vision Statement. The following are not inclusive of all facilities providing services, rather, they are a representation of each category.

Public Libraries

Public library services in San Juan County are provided by independent Junior Taxing Districts on San Juan, Orcas, and Lopez Islands. Each library district is funded by a tax levy to property owners which is set by a five-member Board of Trustees appointed to five-year terms by the County Council.

Table 41. Public Library Facilities.

Library	Location	TPN	Square Feet	Volumes Owned
San Juan Island	Guard Street, Friday Harbor	351151041000	9,800	45,000 ¹
Orcas Island	Rose Street, Eastsound	271454101000	12,700	42,000 ¹
Lopez Island	Village Road, Lopez	251433011000	6,700	39.359

Source: SJI and Orcas Libraries 2025

¹ Does not reflect digital media

San Juan Island

The San Juan Island Library District provides public library services to all residents of San Juan Island. Currently, it operates out of a 9,800-square-foot facility located at 1010 Guard Street in Friday Harbor. The Library has nearly 5,000 resident cardholders and 375 non-resident cardholders. The Library owns approximately 45,400 volumes, 1,400 audiobooks, and 6,700 DVDs, totaling 53,500 in physical holdings. It leases another 150,000 e-books and e-audiobooks, bringing its total holdings to over 200,000 items. It has 4,950 linear feet of shelving capacity and a seating capacity for 60 people.

The San Juan Island Library is one of the busiest libraries in the state. The number of books and other materials checked out of the Library reached 115,000 physical items in 2024, along with 41,000 e-books, e-audiobooks, e-magazines, and streaming movies, totaling 156,000 items circulated. There were 72,500 individual library visits. The Library offers 21 Internet computers, as well as 4 laptops and 39 WiFi hotspots, available for checkout. In 2024, it offered 535 programs for people of all ages, which drew nearly 11,000 attendees. In 2018, the Board of Trustees set a goal to build a new library. More space is needed for quiet reading, team collaboration, student tutoring, small, medium, and large meeting spaces, larger programs, materials for checkout, and more. Parking is critically inadequate in terms of the number of spaces and safety.

Property for the new site was purchased in December of 2020, using a non-taxpayer-voted limited tax general obligation bond. A capital bond to fund the construction of the new Library failed in 2022. Plans continue to build a new library to meet residents' current and future needs for the next 20 years. The focus is now on private and public fundraising, a secured \$2 million Department of Commerce grant, and other grants. Community input meetings are planned to begin in the fall of 2025.

Orcas Island

The Orcas Island Library District provides public library services to all Orcas Island residents. The library currently operates out of a 12,700 square foot facility located in Eastsound. It currently owns approximately 42,000 volumes.

The facility was built in 1992, and was almost doubled in size in 2017. Some of the features of the expanded building include an expanded children's area, a new room just for young adults, three new small group meeting rooms, an outdoor patio with Wi-Fi access and protection from the rain, more soft seating and work tables. There is easier entry from a variety of directions including from the Library Park, Rose Street, or the south side with use of a new south entrance. There is also a new performance space, the North Amphitheater. Future plans include the conversion of the former lobby into a lounge or similar type of seating.

Lopez Island

The Lopez Island Library District provides public library services to all residents of Lopez Island and welcomes visitors year-round. It operates out of a facility in Lopez Village that houses 39,359 physical items and provides access to 161,854 electronic items. In 2024, the library was visited 42,397 times and offered over 500 free programs for children, teens, and adults, drawing 8,160 attendees.

In addition to its collections, the Lopez Island Library offers public meeting space for individuals, entrepreneurs, organizations, and community gatherings; co-working space; and services for students and homeschool families. The library provides home delivery of materials for homebound residents, youth literacy and early learning support, IT troubleshooting and technology assistance, and access to public computers, high-speed WiFi, and printers. In addition to books, the library lends WiFi hotspots, musical instruments, board games, Discover Passes, puzzles, DVD players, and a variety of IT equipment.

For volumes owned, we have 39,359 physical items and 161,854 electronic items. You might consider revamping Table 40 to include electronic collections as these are a growth area in terms of what people are borrowing.

In addition to the physical and electronic collections, the library offers.

- Public meeting space for individuals, entrepreneurs, organizations, and community gatherings

- Friendly, knowledgeable staff
- Library services for students and support for homeschool families
- Delivery of library materials for homebound community members
- Youth literacy and early learning support
- Craft corner
- IT troubleshooting and assistance
- WiFi hotspots
- Musical instruments, board games, Discover Passes, puzzles, DVD players, bat detectors
- High-speed WiFi, printers, public use computers
- Notary Public services
- Co-working space
- Monthly art exhibits and Artist in Residence workshops, coordination of First Saturday Art Walk

In 2024, over 500 free programs were offered for children, teens, and adults; attended by 8,160 people. Users saved over \$760,000 by borrowing books and other items. The library was visited 42,397 times

Museums

Public historical museums in San Juan County are provided by non-profit historical societies on San Juan, Orcas, and Lopez islands. The museums included in this inventory receive annual funding from San Juan County.

Table 42. Museum Facilities.

Museum	Location	TPN	Square Feet
San Juan Island Historical Museum	Friday Harbor	351490907000	2,500
Orcas Island Historical Museum	Eastsound	271413010000	2,720
Lopez Island Historical Museum	Lopez	251541008000	800

Source: San Juan Island, Orcas and Lopez Historical Societies

San Juan Island

San Juan Historical Museum

The San Juan Historical Museum is located at 305 and 420 Price Street in Friday Harbor. The San Juan Historical Society and its museum shares and interprets the stories of the peoples of San Juan Island. The Historical Society assembles, collects and preserves exhibits and makes available for future generations, historical data, information and artifacts, which illustrate the heritage of San Juan Island. Construction and development of the new Museum of History and Industry is progressing, with the Atrium, Logging, and Limestone processing exhibits available for exploration now. The Farming and Fishing exhibits are currently being developed.

Orcas Island

Orcas Island Historical Museum

The Orcas Island Historical Society is a non-profit organization and was founded in 1952. The Society's museum on North Beach Road in Eastsound opened in 1957. Organization and operation of the Society is directed by a Board of Trustees consisting of three members elected to one-year terms while day-to-day management of the museum is provided by a part-time Curator. At present, the Orcas Island Historical Society Museum consists of a 2,720 square foot building.

Lopez Island

Lopez Island Historical Museum

The Lopez Island Historical Society is a non-profit organization and was founded in 1966. Lopez Island Historical Society Museum opened in 1980 and consists of a 2000 square foot building at the corner of Weeks Road and Washburn Place. The museum collects, preserves, and documents the human history of Lopez and the San Juan Islands.

Performing Arts Centers

Performing arts programs are available to the public on San Juan, Orcas and Lopez islands. These programs are provided through non-profit organizations managed by a fifteen-member Board of Trustees. Theater facilities on San Juan and Orcas islands are partially owned (10.26 percent) by San Juan County and the County Council approves the appointment of two of five Board members elected each year. Funding for these facilities is provided through private donations, grants, and County lodging taxes.

San Juan Island

San Juan Community Theatre is a non-profit charitable organization. Constructed in 1989 with the support of San Juan County, the theatre has been serving island residents and guests for more than twenty-five seasons. The building contains two performance venues, the 275-seat Whittier Theatre and the smaller "black box" Gubelman Theatre, which can be configured in multiple ways, seating up to 75 patrons and an outdoor patio. The building also houses the offices of the Theatre's staff. The year-round event calendar includes concerts, plays, musicals and HD screenings. Classes and trainings are also a vital part of the theatre's mission to provide artistic growth for youth and adults. Rotating exhibits of island artists are displayed in the lobby and the theatre's multiple event spaces serve San Juan Island as a center for lectures, meetings, and receptions.

Orcas Island

Orcas Center is a 9,400 square foot community center located in Eastsound. The building was constructed in 1985 with financial assistance from San Juan County through a "Party Wall" agreement. Funding is currently provided through lodging taxes, state and federal grants, proceeds from activities and events, and fundraising efforts. A fifteen-member board manages the center.

Lopez Island

The Lopez Center for Community and the Arts (LCCA) is located at 204 Village Road on seven acres of land in the middle of Lopez Village. It has committed the use of some of the land to an outdoor

performance pavilion, the Lopez Children's Center, Family Resource Center, Farmers' Market, a community garden and a skateboard park. It sits in the middle of an expansive greensward with drought and deer resistant landscaping.

The LCCA is owned and managed by the Lopez Community Center Association, a non-profit 501(c)3 organization. The LCCA is the largest venue on Lopez Island with 6,200 square feet, a 300-person indoor capacity (200 seated) and expansive grounds. It hosts concerts, dances, theatrical performances, and art shows.

Table 43. Performing Arts Facilities.

Facility	Location	TPN	Square Feet
San Juan Community Theatre	Friday Harbor	351150020000	13,460
Orcas Center	Eastsound	271411012000	9,400
The Lopez Center for Community and the Arts	Lopez Village	251541012000	6,200

Source: SJI, Orcas and Lopez Performing Arts Centers

Community College

Skagit Valley College, San Juan Center

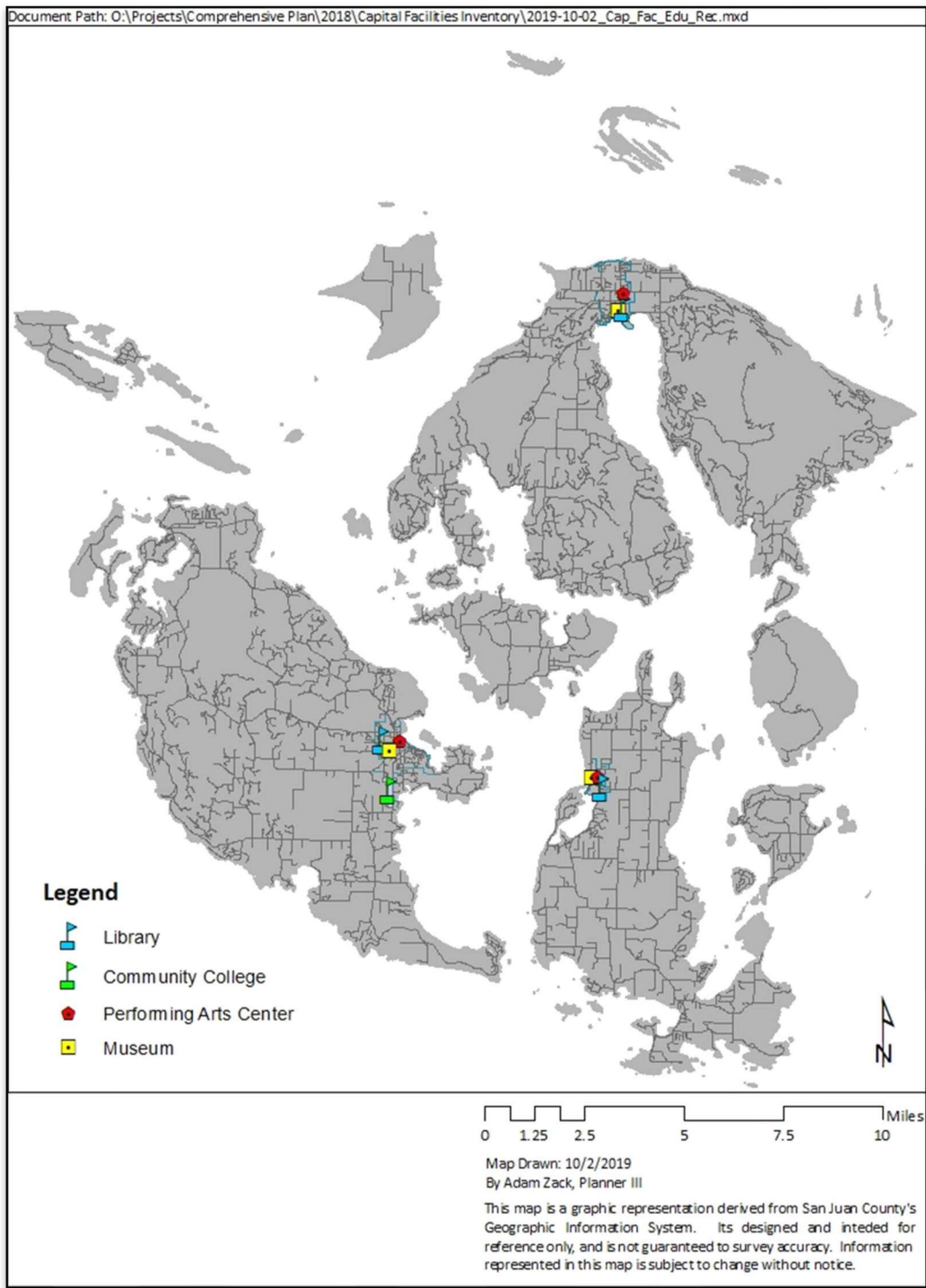
Skagit Valley College (SVC) has developed strong community connections throughout Skagit, Island, and San Juan counties. SVC has partnered in the creation and support of Leadership San Juan Islands and frequently partners with the San Juan Economic Development Council and the Northwest Workforce Council to address community development and workforce development needs through customized training delivery. Skagit Valley College also leases office space to San Juan County to provide for the Washington State University Extension. By collaborating with many key community leaders in education, government, business, and economic development, SVC is exploring employment trends, implementing emerging technologies, and creating innovative academic pathways that enhance student success.

Table 44. SVC Friday Harbor Campus.

School	Location	TPN	Square Feet
Skagit Valley College	Friday Harbor	352312016000	9,500

Source: Skagit Community College 2017

Map 17
Educational and Recreational Services.



7.4 ATTACHMENTS

ATTACHMENT 1: SUMMARY TABLE OF PROVIDERS, CONCURRENCY, LOS AND RELATED PLANS

Table 45. Attachment 1, Table 1. Category A Capital Facilities Summary of Providers, Concurrency, LOS, and Related Plans.

Facility	Provider(s)	Concurrency required for development	Population determines LOS	Land use and system capacity determines LOS	Separate Plan Element or Functional Plan
Solid Waste	San Juan Sanitation, Lautenbach Industries, Town of Friday Harbor, Orcas Recycling Services, Lopez Solid Waste Disposal District	Yes	Yes	No	San Juan County Revised Solid Waste and Moderate-Risk Waste Management Plan
Water	Town of Friday Harbor; Roche Harbor Water System, Inc.; Eastsound Water Users Association; Olga Water Users, Inc.; Doe Bay Water Users Association; West Sound Water Association; Orcas Landing; Rosario Water System; Resort at Deer Harbor; West Beach Resort; Milagra Water System; Fisherman Bay Water Association; Normandy Heights Owners Association; Lopez Islander Resort; Flemming/Wallis; Lopez School District; OPALCO Lopez System	Yes	No	Yes	SJC Comprehensive Plan Element 4, Water Resources; Individual Water System Plans
Sewage Treatment	Town of Friday Harbor, Eastsound Sewer and Water District, Orcas Landing Sewer, Fisherman Bay Sewer District, Rosario System, Roche Harbor Area General Sewer Plan, Deer Harbor, Doe Bay, West Beach Resort	Yes	No	Yes	Individual Sewer System Plans

Table 46. Attachment 1, Table 2, Category B Capital Facilities Summary of Providers, Concurrency, LOS, and Related Plans.

Facility	Provider(s)	Separate Plan Element or Functional Plan
Government Administration	San Juan County	--
Public Works	San Juan County	--
Sheriff	San Juan County	--
Stormwater	San Juan County	San Juan County Stormwater Basin Planning, Volume I and Volume II (2014)
Parks and Recreation	San Juan County	Recreation, Open Space, and Stewardship Plan (2022) San Juan County Fairgrounds Master Plan Update Draft (2019)
Schools	San Juan Island School District, Orcas Island School District, Lopez Island School District, Shaw Island School District	--
Fire Protection and EMS	San Juan Fire Protection District #2, San Juan Fire Protection District #3, San Juan Fire Protection District #4, San Juan Fire Protection District #5, San Juan Island Emergency Medical Services	--

Facility	Provider(s)	Separate Plan Element or Functional Plan
Hospitals and medical clinics	San Juan County Public Hospital District #1, PeaceHealth, Lopez Island Hospital District, Orcas Island Health Care District, UW Medicine	--
Emergency Management	San Juan County	San Juan County Comprehensive Emergency Management Plan (2019)
Ports	Port of Friday Harbor, Port of Orcas, Port of Lopez	Port of Friday Harbor Strategic Plan (2023), Friday Harbor Airport Master Plan Update (2020), Orcas Island Airport Master Plan (2021), Port of Lopez Master Plan Update (2018)
Transportation	San Juan County Public Works	San Juan County Transportation Improvement Program (2025), San Juan County Comprehensive Plan Transportation Element
Senior Services	San Juan County; Senior Services Council of San Juan County, Inc.; Whatcom Council on Aging; Northwest Regional Council	--
Libraries	San Juan Island Library District, Orcas Island Library District, Lopez Island Library District	--

Facility	Provider(s)	Separate Plan Element or Functional Plan
Museums	San Juan Island Historical Museum, Orcas Island Historical Museum, Lopez Island Historical Museum	--
Performing Arts	San Juan Community Theatre, Orcas Center, Lopez Center for Community and the Arts	--
Community College	Skagit Valley College	--

ATTACHMENT 2: LEVEL OF SERVICE FORMULAS AND STANDARDS

Solid Waste and Recycling Facilities

(LHD - SWG) / LHD = AFC

Where

LHD = Long-Haul Disposal capability and planned capacity (*i.e.*, the volume of garbage that can be processed. This is the volume of garbage per truck multiplied by the number of transfer trailers that can be filled and transferred off the island in a day.)

SWG = Solid Waste (garbage) Generated by County population. (Because there are limits to the number of garbage trucks that can be moved by the ferries, it is the amount of garbage, not recycling, that at present is the important quantity for determining capacity.)

AFC = Available Facility Capacity at solid waste transfer stations

Table 47. Attachment 2. Table 1, LOS for Solid Waste and Recycling Facilities.

Metric Per Capita	Level of Service (LOS) Standards					
	A	B	C	D	E	F
Percent Available Capacity	>25	25	20	15	10	<10

Adopted Standard: LOS F

Source: San Juan County 2009 Element 7, Capital Facilities

Community Water Systems

EC / AC = OC

Where

EC = Existing Connections (expressed in Equivalent Residential Units. Existing connections include those memberships that are purchased but not yet connected)

AC = Approved Connections and planned capacity (or the system capacity, expressed in Equivalent Residential Units. Approved connections include the total number of connections approved for the system by the County or State)

OC = Operating Capacity (the portion of total system capacity that is committed to serving existing connections and memberships)

Table 48. Attachment 2, Table 2, LOS for Community Water Systems.

Metric Per Capita	Level of Service (LOS) Standards					
	A	B	C	D	E	F
Percent Operating Capacity	<80	80	85	90	95	>95

Adopted Standard: LOS F

Source: San Juan County 2009 Element 7, Capital Facilities

Community Sewage Treatment Facilities

EC / AC = OC

Where

EC = Existing Connections (expressed in Equivalent Residential Units. Existing connections include those memberships that are purchased but not yet connected)

AC = Approved Connections and planned capacity (or the system capacity, expressed in Equivalent Residential Units. Approved connections include the total number of connections approved for the system by the County or State)

OC = Operating Capacity (the portion of total system capacity that is committed to serving existing connections and memberships)

Table 49. Attachment 2, Table 3. LOS for Community Sewage Treatment Facilities.

Metric Per Capita	Level of Service (LOS) Standards					
	A	B	C	D	E	F
Percent Operating Capacity	<80	80	85	90	95	>95

Adopted Standard: LOS C

Source: San Juan County 2009 Element 7, Capital Facilities

ATTACHMENT 3: CAPITAL IMPROVEMENT PLANS

Table 50. Attachment 3, Capital Improvement Plans

	Plan	Capital Facilities	SJC Department
1	2025-2030 Six-Year Capital Improvement Plan	County-owned facilities	n/a
2	Clean Water Six-Year Capital Improvement Program, 2025-2030	Community Water Systems	Clean Water Utility/Public Works
3	San Juan County Recreation, Open Space, and Stewardship Plan (ROSS), 2022	Parks	Parks, Recreation and Fair; Public Works; Land Bank