

OAK ISLAND FIRE

Summary of Annual Report



Lee Price
Fire Chief

A Message from the Chief



We have a Long-Range Plan, and with that plan, we have a well-planned future.

Kenan Lee Price

Mission Statement

The Oak Island Fire Department mission

The Mission of the Oak Island Fire Department is to preserve the lives and protect the property of its residents and visitors through fire prevention and education, fire and rescue response, and emergency medical care, and to provide service, support and dedication to the citizens, the Town, and our families.



Staffing (Current)

- 7 full time shift personnel each day.
 - 1 Captain, 1 Lieutenant, 5 Firefighters
- 10 Part time personnel on roster
- 2 Administrative Chiefs
- 1 Administrative Assistant
- 3 Volunteers (two are investigators)

We have some of the best and most dedicated staff and I am very proud of the job that they do each day.



Staffing

- QUESTION
- How many people does it take to effectively work at a single residential fire (low hazard)?

Staffing

- ANSWER This is called the Effective Response Force
- 16 (7- Oak Island, 4 - Southport, 4 - St. James, 4 - Sunny Point)
 - 3 on first attack line
 - 3 on second attack line
 - 2 on search
 - 2 on ventilation
 - 1 pump operator engine
 - 1 pump operator tower
 - 3 RIT crew
 - 1 command officer

Staffing

- ANSWER This is called the Effective Response Force
- Medium Hazard
- 28 Firefighters

- High Hazard
- 43 Firefighters

Recruiting

- The Oak Island Fire Department is very successful in recruiting new members.
- Last October we had 7 vacant positions, and 3 new positions. Since then, we promoted one Asst. Chief, 3 Captains, 3 Lieutenants and hired 10 people to achieve full staffing, to provide protection to the citizens of Oak Island.

How did we do this?

- We offer a very competitive salary and benefits package
- We take care of our members
- We provide a positive, hands-on work environment



Training

- We provide a variety of training opportunities for our staff members.
- We send members to specialty classes and conferences
- We are also a direct delivery agency, which allows us to certify our members “in-house” with State certifications
- Our members train daily with their individual shifts
- We train with other departments on a frequent basis
- We have recorded more than 3,500 training hours this year

Levels of Service

- The Oak Island Fire Department provides a wide variety of services to the Town.
 - Fire Suppression
 - All our staff members are certified to Firefighter level II or greater
 - We have multiple members Certified in Aircraft Fire Suppression
 - We deploy some of the latest technology when providing fire suppression
 - High-volume low-pressure nozzles – larger attack lines – aggressive interior suppression when appropriate
 - Rescue
 - All staff members are certified in a variety of rescue specialties.
 - Extrication
 - Water Rescue
 - Confined Space / Collapse



Levels of Service (continued)

- EMS
 - All staff members are certified EMT Basic level or higher
- Educational
 - The OIFD is a delivery Agency, which means we can teach/certify our own members
 - We currently have 8 instructors on staff who cover various areas
- Fire Prevention (FLSE, Fire Life Safety and Education)
 - The OIFD has multiple members certified in fire life safety education programs

Service is provided to 10,706 homes

1. 379 Mobile Homes
2. 1200 Homes 1000 Square foot or less
3. 7170 Homes 1001-1999 Square Foot
4. 1614 Homes 2000-2999 Square Foot
5. 283 Homes 3000-3999 Square Foot
6. 51 Homes 4000-4999 Square Foot
7. 8 Homes 5000-5999 Square Foot
8. 2 Homes 7000-7999 Square Foot

We also have 299 commercial businesses



Equipment

- We have developed an aggressive and efficient equipment replacement plan for Oak Island
- We replaced all our 800 mgz radios this past year
- Replacement of SCBA Air Packs, 4 each year as they age out (10 years)
- Replacement of PPE turn out gear, 5 sets each year as it ages out
We just ordered the second set of gear for each member.
- Replacement of thermal image cameras
- Upgrade of PPV (Positive Pressure Ventilation) fans
- Upgrade of Computer systems
- Upgrade of fire hose and other suppression equipment

Apparatus

- New Engine, 2023 Pierce Enforcer (171)
- 2008 Engine, KME (173) We have ordered the replacement for this one
- 2008 Engine, KME (172) Reserve, Volunteer/Call Back unit
- 2009 Smeal 100' Tower (161)
- 1999 EEI 95" Tower (This unit should be replaced with a new unit this upcoming budget year)
- 2022 Ford F-150 (QRV, 181)
- 2023 Ford F-150 (Chief's Vehicle, 180) also used as a QRV
- 2014 Dodge Durango (Asst. Chief Vehicle, 182) This unit is planned for replacement FY 24

Apparatus

- 2005 Ford F-250, Beach Patrol Sea-Doo unit (190)
- 2023 Sea-Doo Rescue watercraft (191)



Apparatus, The New Purchase

- Why does purchasing new work better....



Features and Warranty

- Independent Front Suspension
- 1000 gallons on water on board
- Supplemental Restraint System
- Built in Foam System
- 1-year bumper to bumper
- 5-year engine warranty
- 50-year frame warranty
- 10-year paint warranty



Features and Warranty

- 5-year electronics
- 5-year transmission
- Lifetime tank warranty
- 7-year pump warranty



Call Statistics

- 2022 – 1,748 calls for service
- 2023 estimated – 1,800 Calls for service
- So Far... 1/1/2023 to 8/1/2023 we have been dispatched to 970 calls for service
 - 53 structure fires
 - 375 medical calls
 - 16 cardiac arrest
 - 24 motor vehicle accidents
 - 36 water rescues
 - 65 EMS calls on the beach strand
 - 115 assist invalid calls (lift assist)
 - 75 fire alarms
 - The remainder of the calls are service calls, false alarms and calls to aid other districts
 - Overlapping calls is when we have more than one calls going on at one time.
 - Our overlapping call percentage is 28%



Call Statistics

Getting back to the 28%

Accepted practice states that when you have overlapping calls more than 25%, you need to add stations, add companies, or both.



Community Engagement Activities

- Community Connect Program (Pre-Plans)
- CPR Classes
- Smoke detector checks/replacements
- Sidewalk CPR at concerts
- Special event participation
- Big Toy Day
- Citizens Academy
- First Responders Fishing Derby
- Operation North State
- Parades, and many more activities



Beach Patrol Unit / Water Rescue Unit

- The Oak Island Fire Department began a Beach Patrol Unit this season. The unit utilizes a QRV and patrols the beach strand. This unit, on its first dispatch of the year, made a life saving rescue, Memorial Day Weekend. This unit utilizes 2 Firefighter/Rescue members who patrol and respond to any Water Rescue on the Island as well as any medical calls on the beach strand.



Beach Patrol Unit / Water Rescue Unit

On August 1, we also placed a Watercraft Rescue Unit (Sea-Doo Personal Watercraft) into service. This unit is capable of a rapid response by either surf launching or ramp launching. It is equipped with a rescue board that is towed by the Rescue Watercraft. This unit has been deployed to 3 calls for service; 2 of them resulted in the rescue of inflatable rafts offshore and one was kayakers in distress. This unit can be deployed into the water on average within 7 minutes of notification of an emergency.



Additional Services/Programs

- Enhance our Community Connect Program (Pre-Plans) for commercial and residential
- Enhanced beach patrols
- Additional CPR classes
- Fire camps
- Fire prevention for citizens
- Beach Flag conditions being flown at stations and trucks
- Car seat installations
- Additional community engagement and participation in community events



Classes offered to the Public/Staff

- CPR class
- Fire prevention
- Fire extinguisher training
- More to come!



Goals of the Department

Goal 1: Long-Range Plan

Goal 2: Staffing level, we are full staffed, but need to expand

Goal 3: Apparatus replacement

Goal 4: Equipment replacement/upgrade

Goal 5: Expansion/efficiency of services

Goal 6: Community service/involvement

Goal 7: Training

Goal 8: Reduction of ISO (insurance rates)



Goals (THE BIG PICTURE)

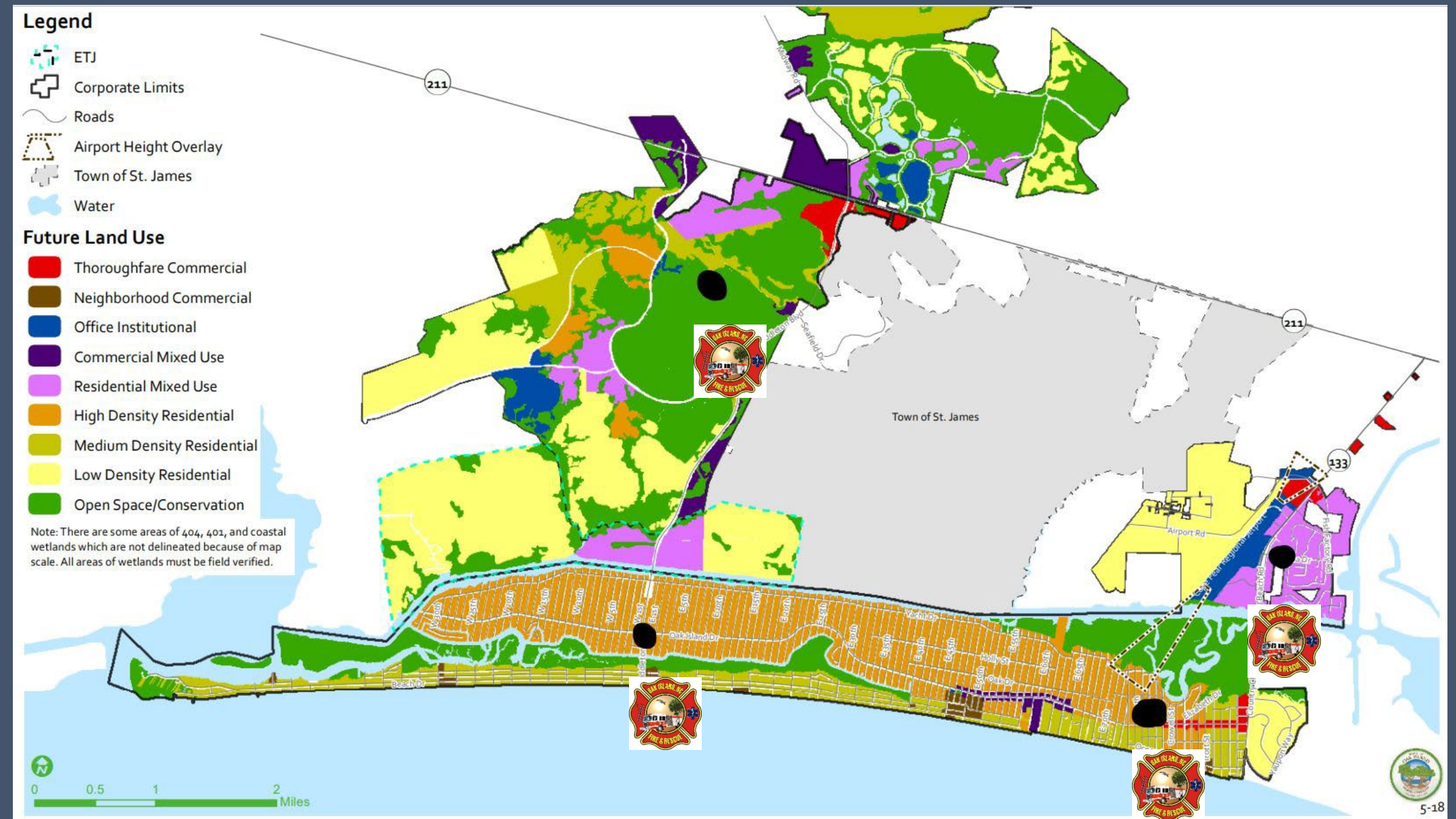
4-5 stations

48 Full time shift staff
working 3 shifts

4 Admin staff

Seasonal positions

New station in the
Williamson/Pine
Forest project area.



Staffing (For the Future)

- 14 Full Time each day
 - 3 Full staffed engines
 - 1 Full staffed Tower/Ladder
 - 1 full staffed beach patrol/QRV first response unit
- 10 Part time personnel on roster
- 3 Administrative Chiefs
- 1 Administrative Assistant
- Volunteers, (promote volunteer program)

Apparatus/Equipment Needs for Future

- 2024 Sea-Doo Rescue Watercraft to give us 2 units
- 2024 Ford F-150 to replace Asst. Chief's vehicle
- 2024 Pierce Mid Mount Tower Ladder to replace existing older tower unit
This unit would be delivered in 2025-2026
- 2025 Ford F-150 to replace Beach Patrol unit (190)
- 2027 Mini Pumper for Station 4 Location
- 2029 Replacement of Smeal 100' Tower
- 2036 Replacement of 2023 Pierce Enforcer, (Moving unit to reserve)

Stations

- We currently have 3 stations. Two are staffed 24 hours a day.
- The plan is to build the 4th station within the next 3 years to cover the areas of Pine Forest and the growth on the mainland and to staff all stations.
- We are currently enhancing the conditions of the stations with paint and light remodeling.



ISO (Insurance Rating)

The Town of Oak Island carries an ISO rating of 3/10

Our Next ISO inspection will be coming up in 2024/2025

An ISO fire rating is a score provided to fire departments and insurance companies by the Insurance Services Office (ISO). The score reflects how prepared a community and area is for fires. While it mainly focuses on the local fire departments and water supply, there are other factors that contribute to an area's score.

The ISO score affects the insurance premium for your home or business



ISO (Insurance Rating)

What does ISO look for?

- Stations and location
 - Apparatus
 - Equipment
 - Personnel
 - Training/certifications
 - Communications
 - Water supply
 - Community Risk Reduction
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- Goal #8 is to reduce our ISO rating and remove the one ISO 10 area that we currently have

Questions???

Any Questions?



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