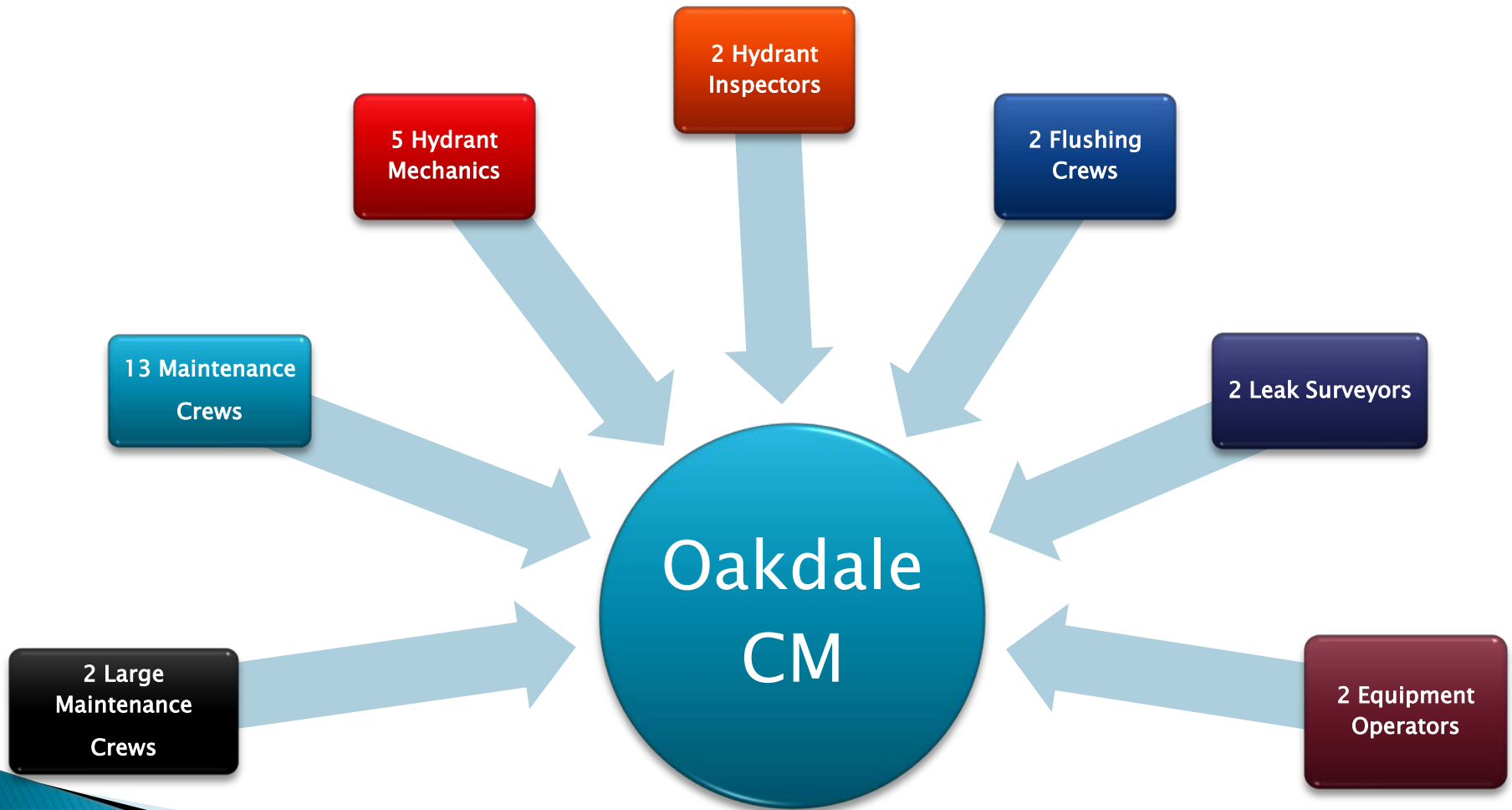
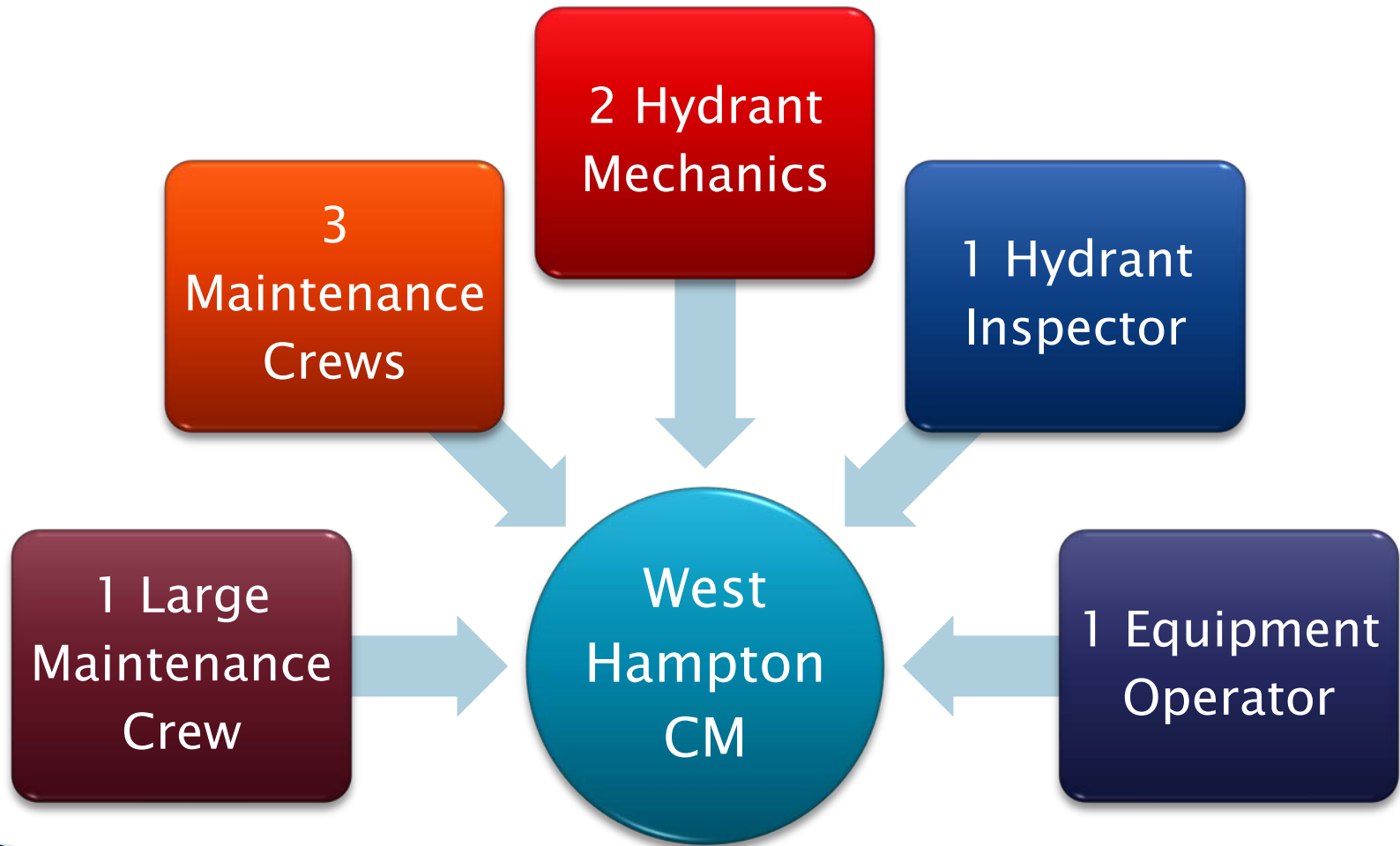


Oakdale vs. Outer Offices and Impacts of New Collective Bargaining Agreement

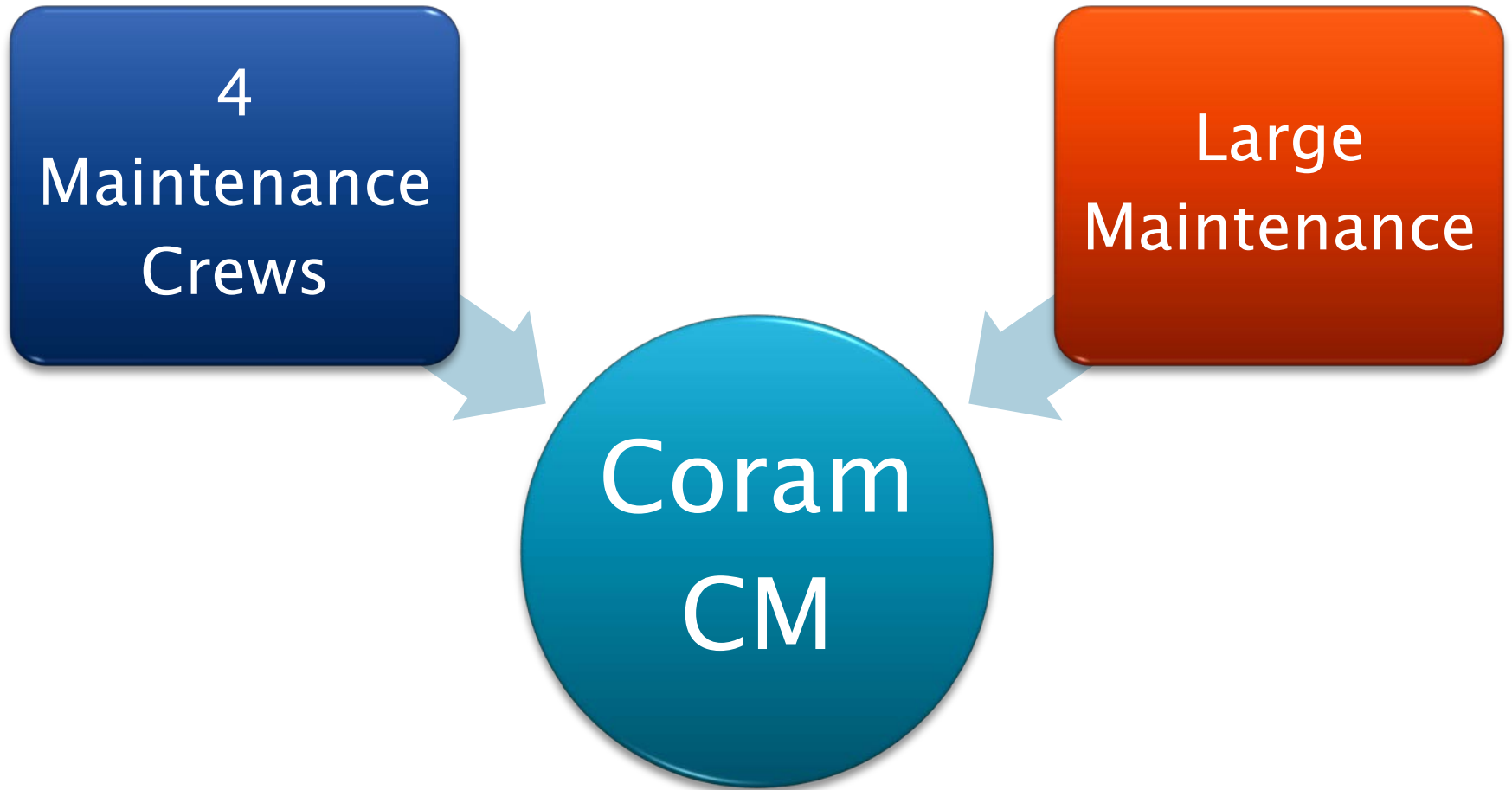
Oakdale Construction Maintenance



West Hampton Construction Maintenance

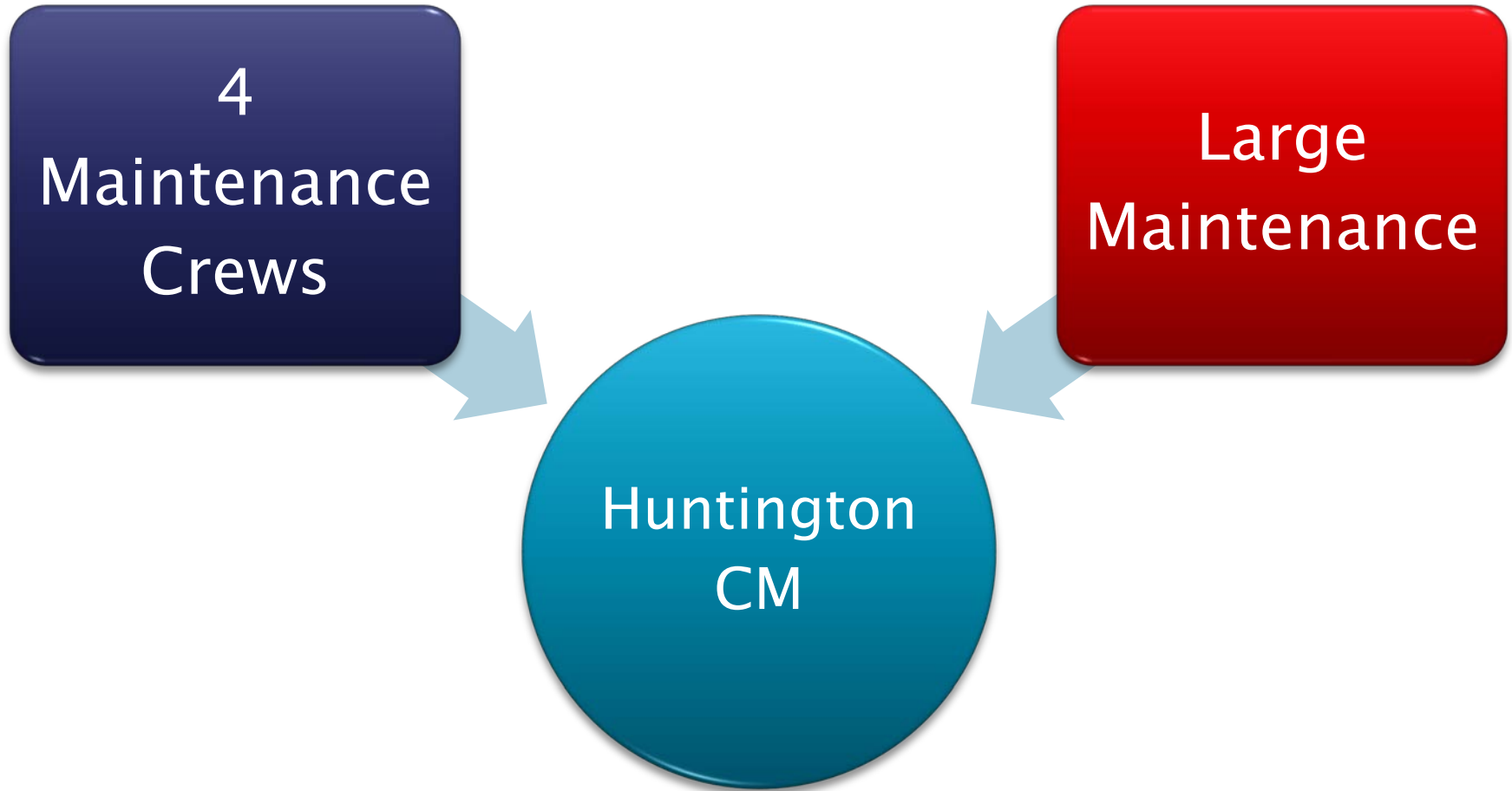


Coram Construction Maintenance



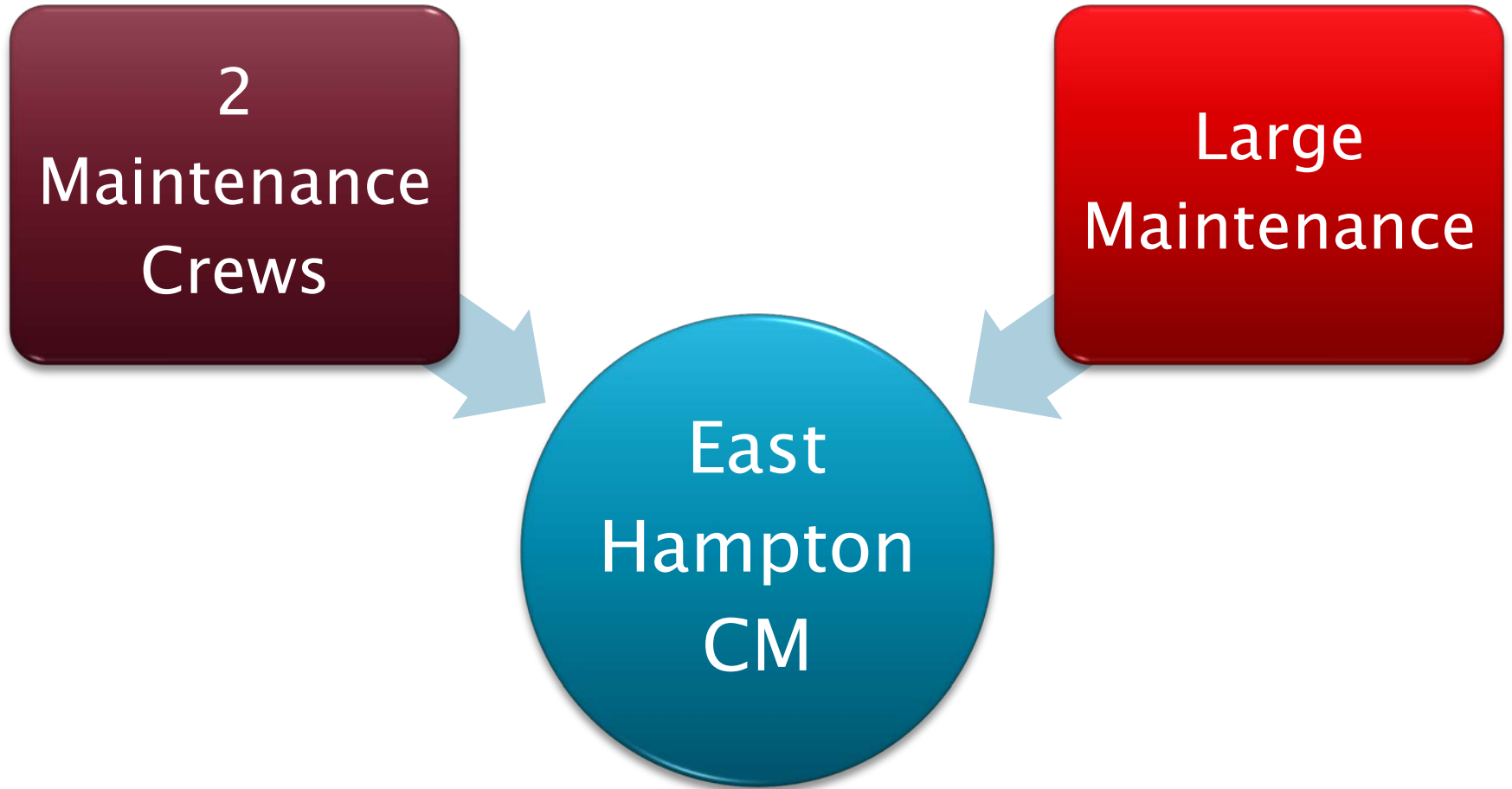
* Large Maintenance Crew is made up through upgrades

Huntington Construction Maintenance



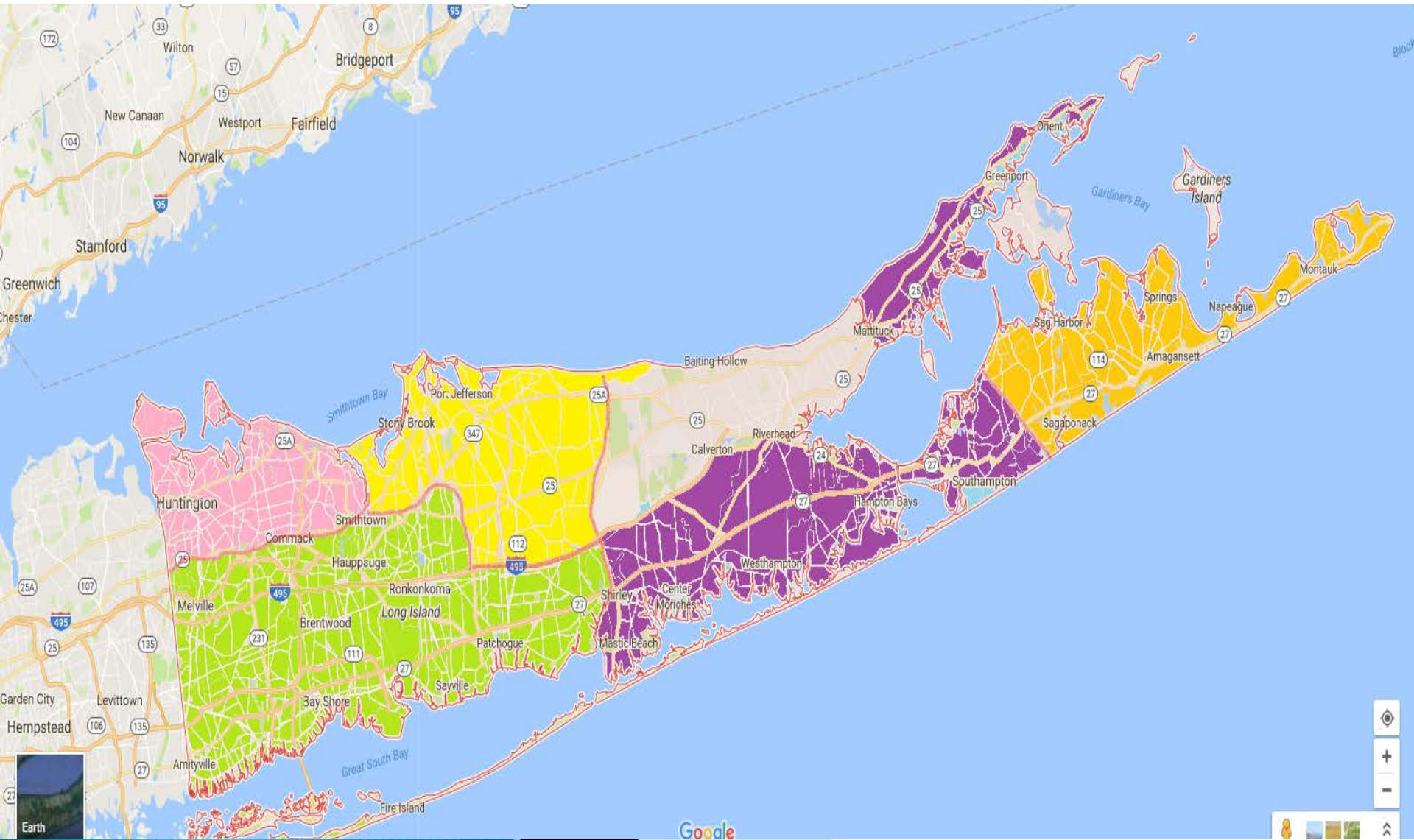
* Large Maintenance Crew is made up through upgrades

East Hampton Construction Maintenance

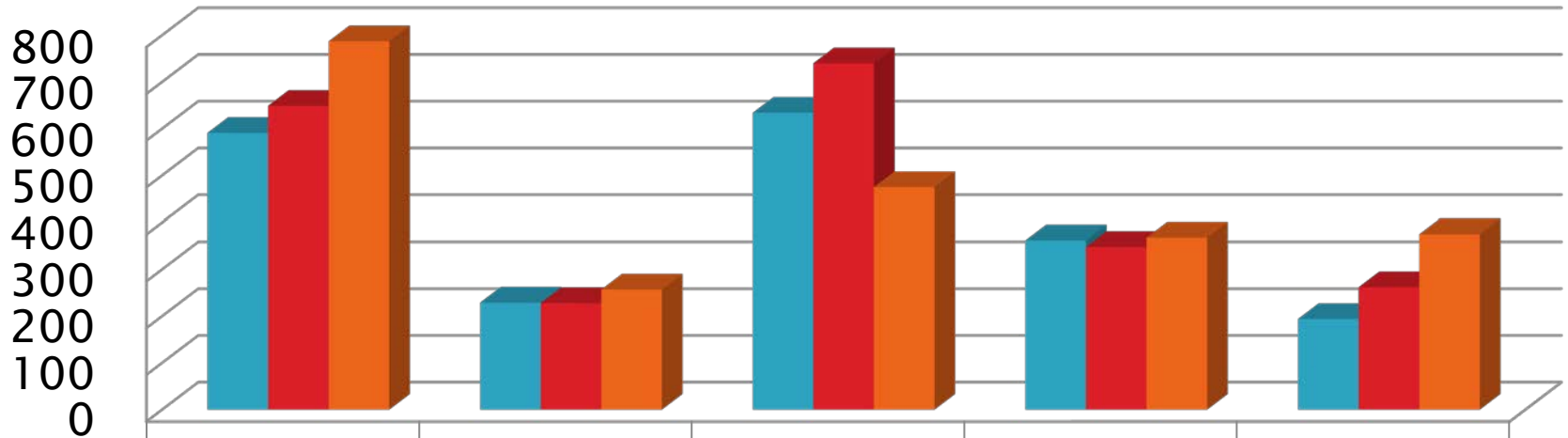


* Large Maintenance Crew is made up through upgrades

Geographical Map of Construction Maintenance

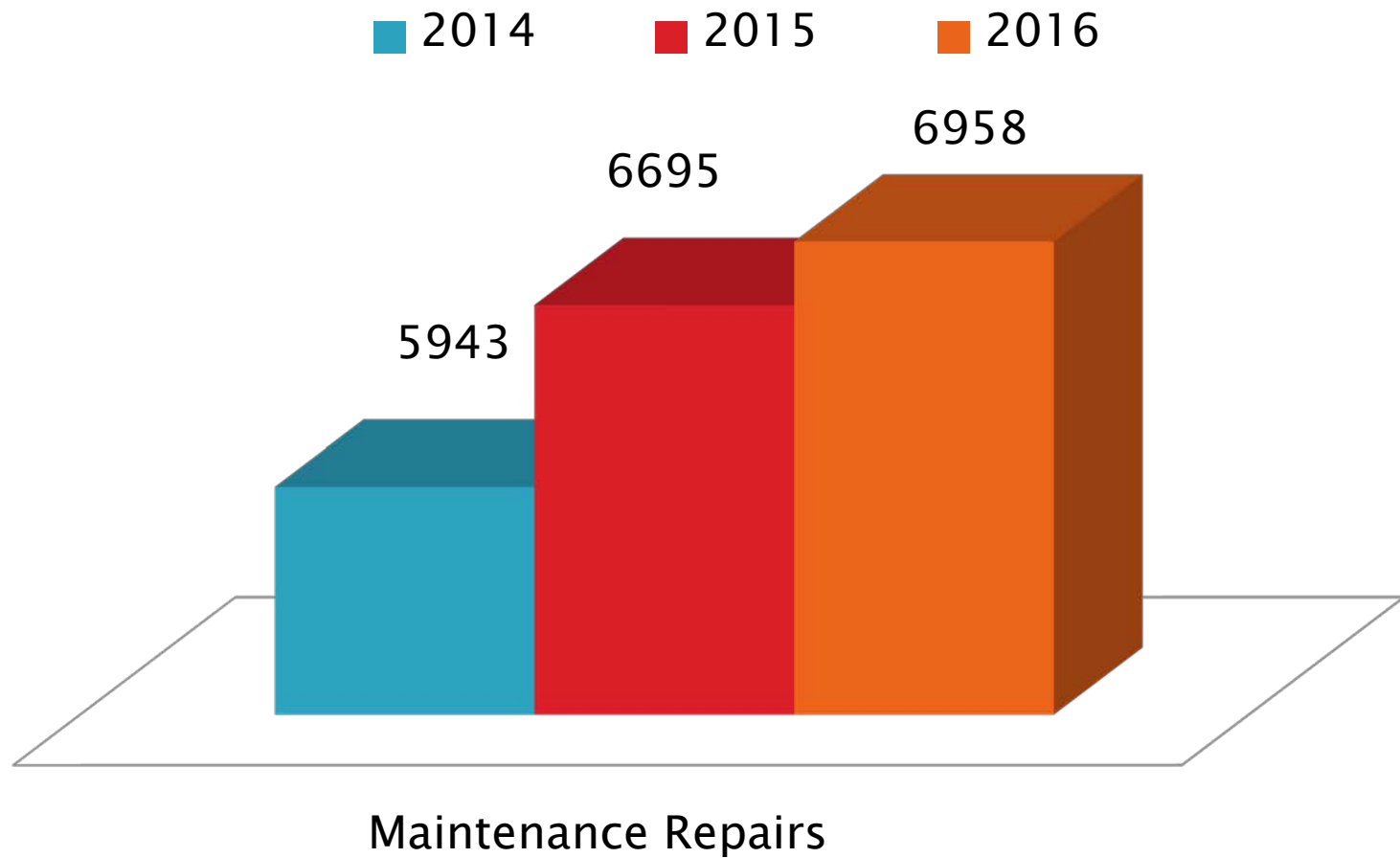


Construction Maintenance Totals 2014-2016



	1" Services	Large Services	Main Breaks	Service Leaks	Retiremen ts
■ 2014	591	229	634	362	194
■ 2015	649	228	740	348	262
■ 2016	787	257	475	368	375

Maintenance Repairs Totals 2014-2016



2014-2016 Hit Hydrants

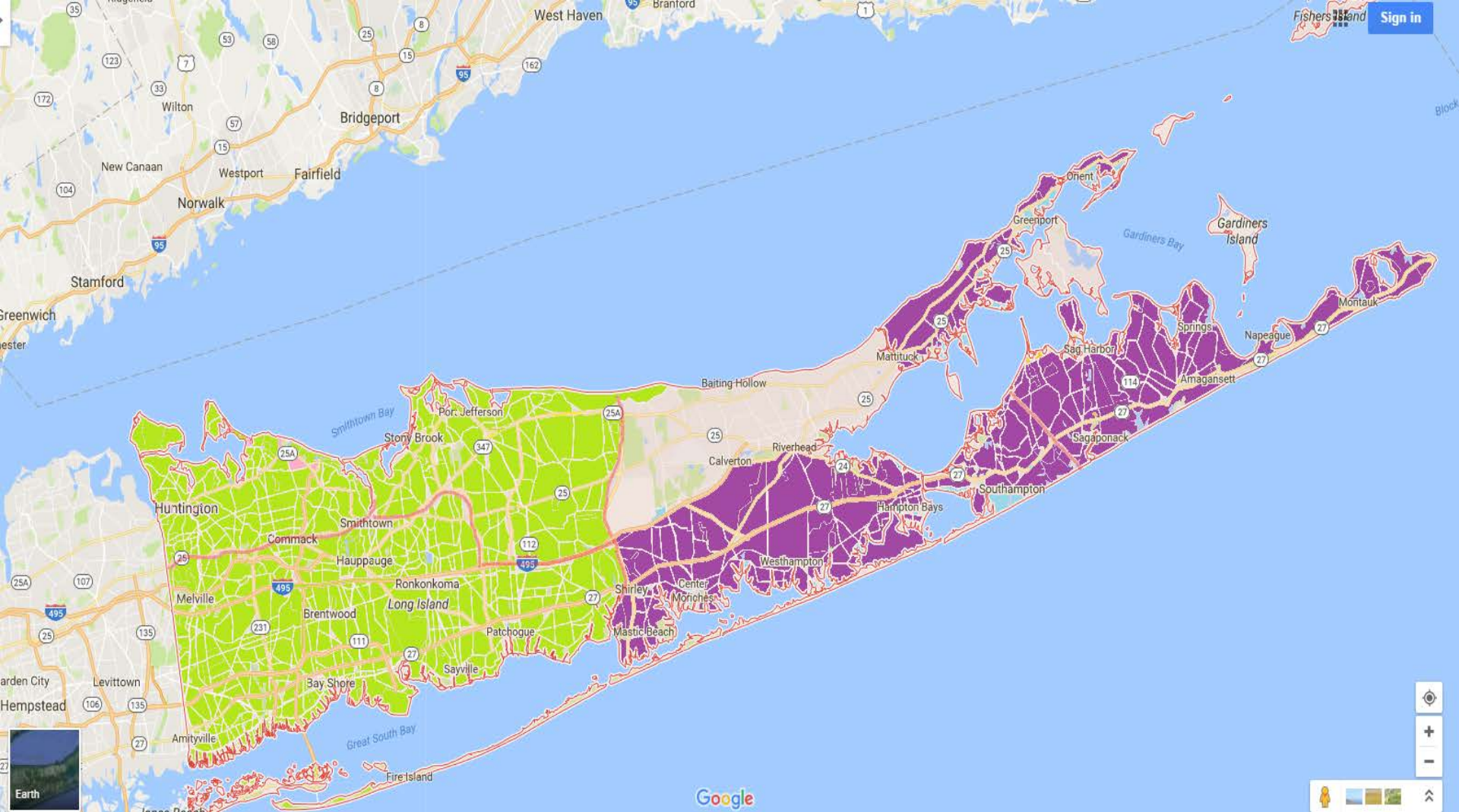
2014- 565 out service hydrants
Average o/o/s time: 1.04 Days

2015- 523 out service hydrants
Average o/o/s time: 1.00 Days


2016- 461 out service hydrants
Average o/o/s time: 0.99 Days



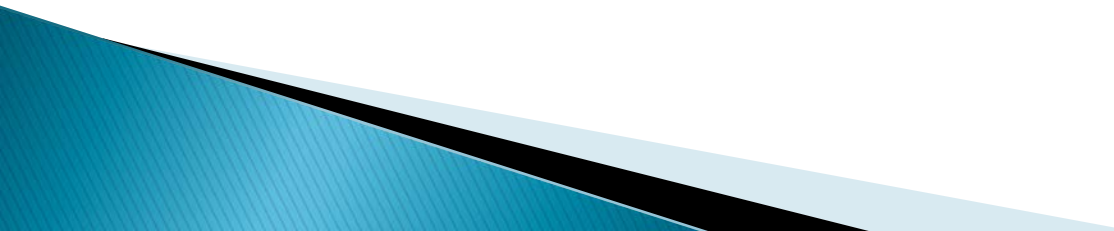
Geographical map of the Hydrant Department



New Collective Bargaining Agreement

- Two Person Crews were given job functions that was historically preformed by a 4 person crew
 - Three Person Crews were formed. They also will perform work that was historically done by a 4 person crews
 - A new position was created called a Qualified Senior General
 - The position of General Utility A Caulker was eliminated
- 

Formation of Work Crews

- ▶ **One Person Crew** – Shall include one General Utility A typically a Hydrant Mechanic or a Hydrant Inspector
 - ▶ **Two–Person Crew**– Shall include one General Utility A and one Utility Person
 - ▶ **Three–Person Crew**– Shall include one General Utility A and two Utility Persons
 - ▶ **Four–Person Crew**– Shall include one Senior General, one General Utility A and two Utility Persons.
- 

New Work Responsibilities For A Two- Person Crew

Two-Person:

1. Work on hydrants including replacing/offsetting hydrants with the use of 4 feet of pipe, a 6" gate valve, hydrant, one solid sleeve, and a one-piece offset up to 6 inches to 12 inches.
2. Cut pipe and repair main breaks of up to 8 inches in diameter with pipe up to 4 feet in length with two solid sleeves.
3. Cut pipe up to 4 feet in length for water mains 10 and 12 inches in diameter in preparation for completion of repair of main with 4 person crew.
4. Install/Replace gate valves up to 6 inches in diameter using up to 4 feet of pipe, 2 sleeves and 1 valve.
5. Perform water main retirements of up 8 inches in diameter.

**ALMOST ALL ABOVE REFERENCED WORK WAS HISTORICALLY
PERFORMED BY A 4 PERSON CREW**



Work Responsibilities For A Three- Person Work

Three-Person

1. Work on hydrants including replacing/offsetting hydrants with the use of up to 10 feet of pipe, a 6" gate valve, hydrant, one solid sleeve, and a one-piece offset up to 6 inches to 12 inches.
2. Cut pipe and repair main breaks of up to 8 inches in diameter with pipe up to 10 ft in length.
3. Install /replace valves up to 8 inches in diameter using up to 10 ft of pipe and 2 solid sleeves and 1 gate valve.
4. Install/Replace 1 ½ inch and 2 inch water services (including taps and meter sets) using up to 20ft of plastic or 10ft of copper from the tap to the curb stop
5. Install and/or replace Pressure Reducing Valves or Swing check valves up to 8 inches in diameter.

ALL ABOVE REFERENCED WORK WAS HISTORICALLY PREFORMED BY A 4 PERSON CREW



Qualified Senior General

What is a Qualified Senior General?

A Qualified Senior General is a General Utility “A” who is qualified to be a Senior General for the purpose of performing maintenance work.

What is the significance of this?

In the event that a job turns into a situation where a 4 person crew is required and a Senior General is needed the General Utility “A” on the job already, will become the Senior General as long as that person is Qualified.

If the General Utility A is not qualified to be a Qualified Senior General then we can assign that task to any Qualified Senior General who is on the clock and available. In the past we only had 3 people that could perform this work before we had to upgrade by seniority.

Why is this beneficial?

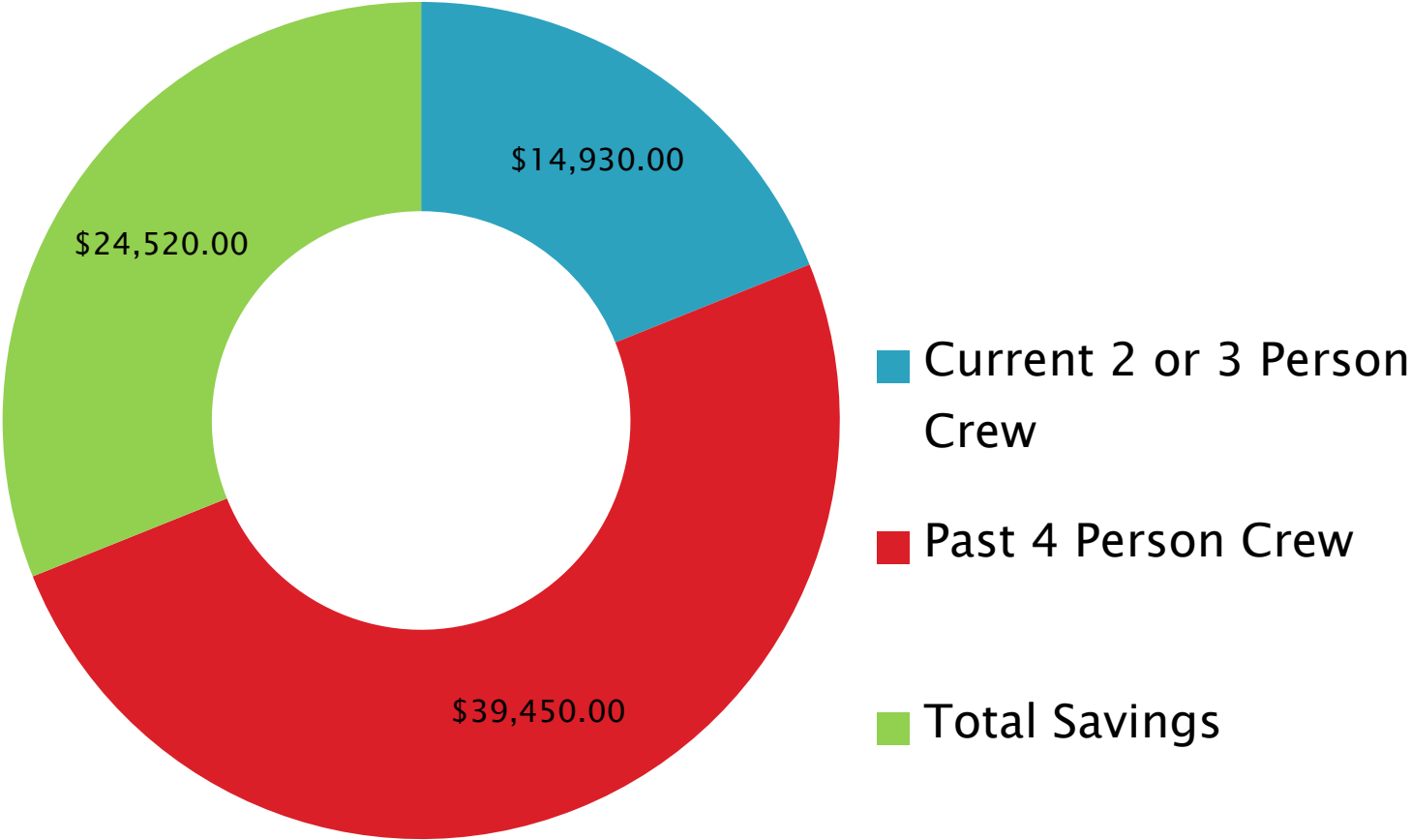
In the past the job used to stop until a Senior General arrived. Now the job will continue as long as the extra people are on their way.

What Qualifies A General Utility “A” To Become A Qualified Senior General?

1. Work in the General Utility A position for at least two years (including upgrades)
2. Know proper pipe fitting techniques
3. Know the different types of water main material, fittings and joints
4. Know how to properly use an O.D. tape
5. Know how to read a distribution map and how to obtain a shut down
6. Know proper valve operation (turning and direction)
7. Know how to properly block and rod fittings
8. Know proper main disinfection practices
9. Be able to assign and direct crew job responsibilities
10. Know how to use chain cutters
11. Know how to complete required paperwork/sketches for the job

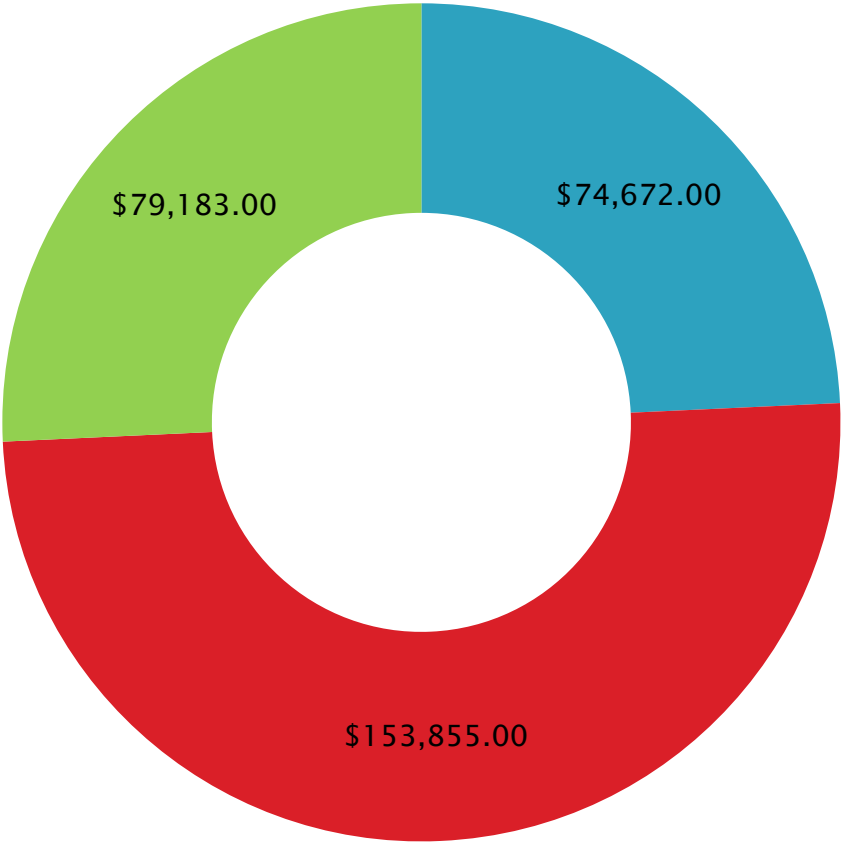
CBA Chart Savings

Hydrant Relocation Total



CBA Chart Savings

Water Main Retirements



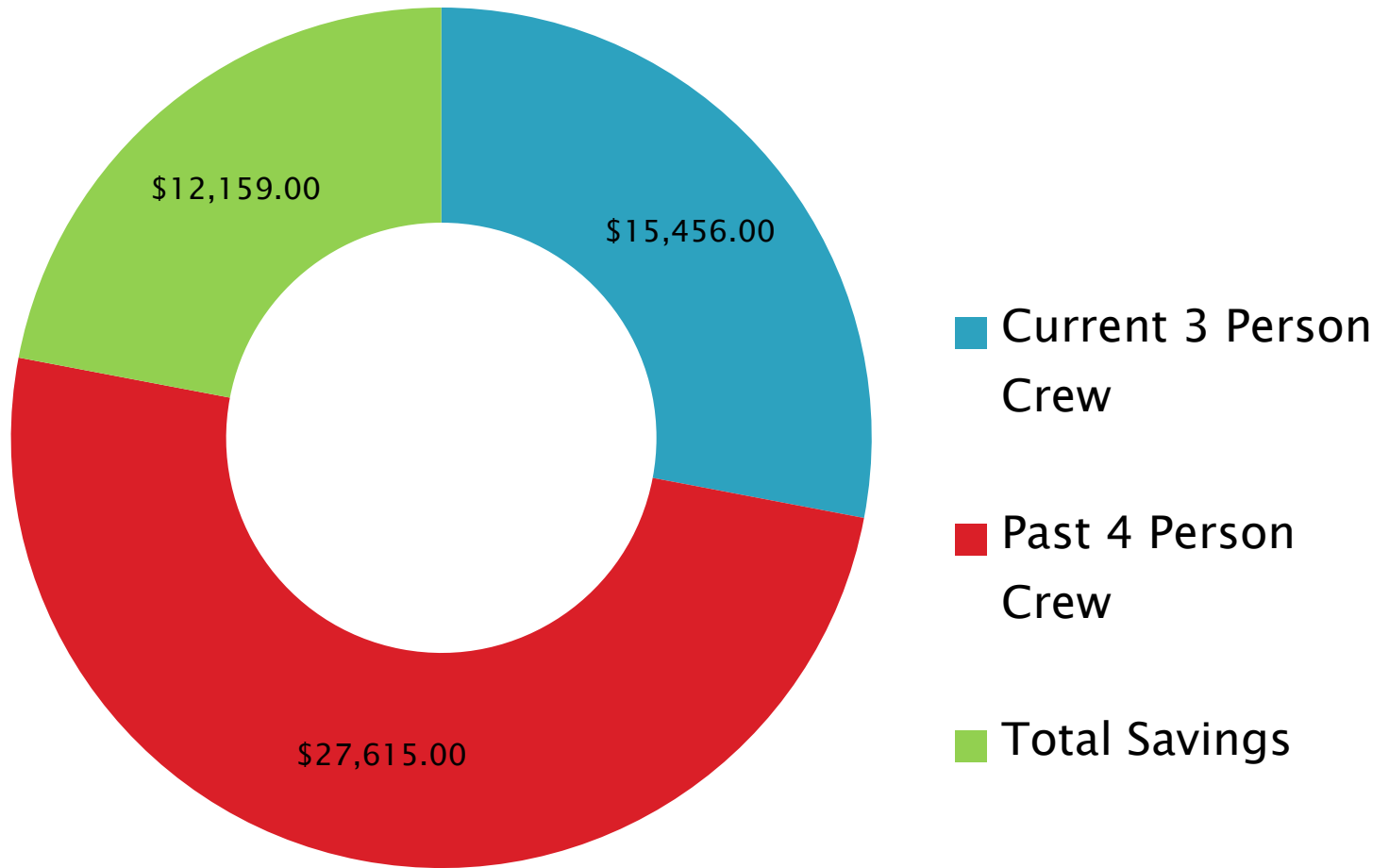
■ Current 2 or 3 Person Crew

■ Past 4 Person Crew

■ Total Savings

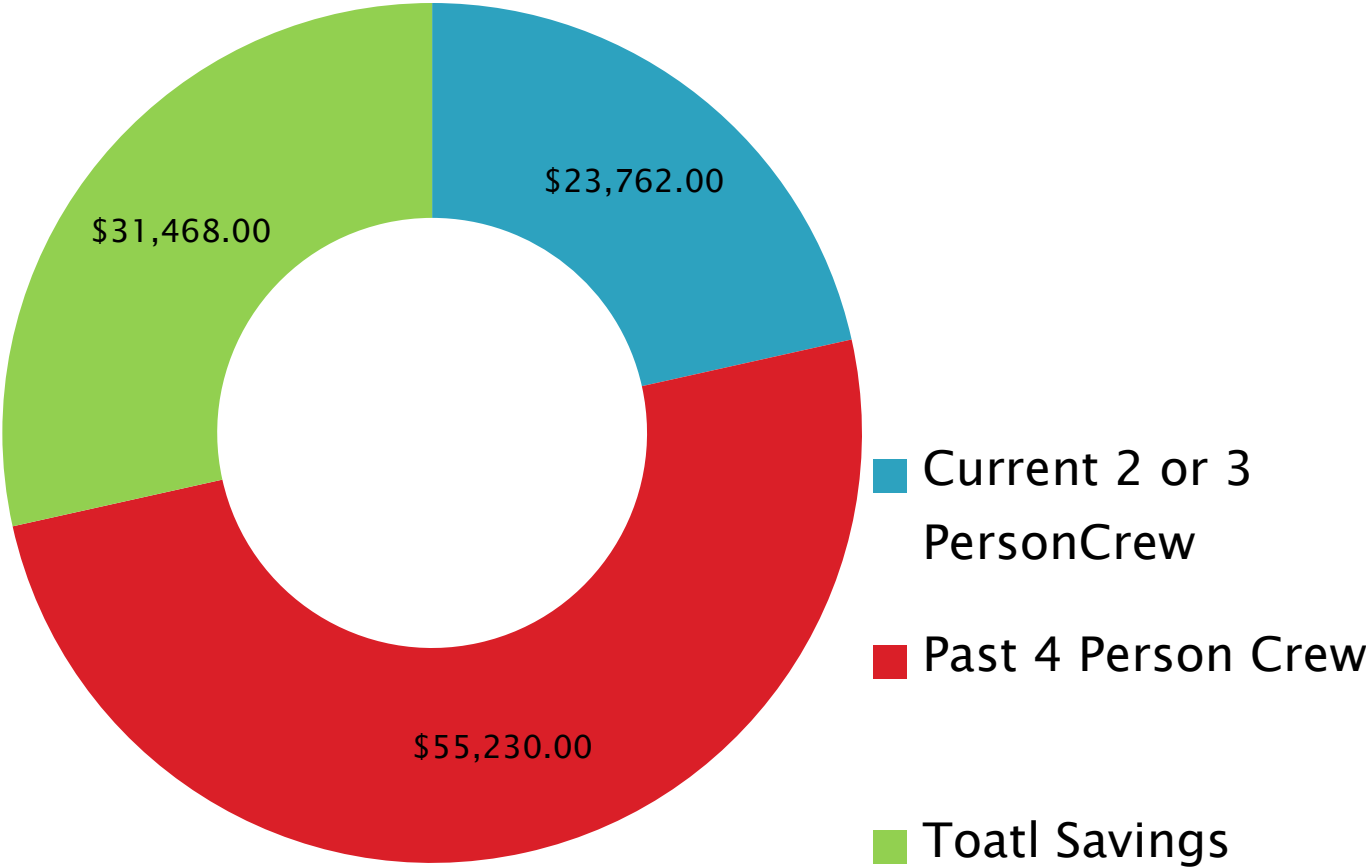
CBA Chart Savings

1 1/2" And 2" Service Installtions/Replacements



CBA Chart Savings

Gate Valve Replacement Savings







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