



2016-2017

# CERT Program Year End Report Executive Summary

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Clallam County Fire District #3  
2016-2017



**Clallam County Fire District 3 and 4 (CCFD3/CCFD4)**  
Community Emergency Response Team (CERT)  
2017 End of Year Program Review



## **Executive Summary**

### **Introduction**

The end of year program review covers CCFD 3/CCFD 4 CERT efforts to develop a robust building block approach to meet catastrophic events, and improve community resiliency. The report articulates what CERT does, as well as CERT's value for the community, the sponsoring agency, and other stakeholders. The Review discusses strategies, goals, successes, and gaps.

**Vision:** A community that has a 100% survival rate in the event of a major disaster.

**Purpose:** To create a bridge between the citizens and the professional first responders. Trained CERT Tier 2 members will assist in the delivery of life-saving activities in the community during and following a disaster.

**Mission:** To safely respond to disasters/emergencies, and conduct timely, safe and effective Search and Rescue (SAR) Operations.

**Goal:** Develop and maintain fully operational CERT Tier 2 teams capable of performing their pre-assigned agency objectives/missions/tasks.

### **Background and Philosophy**

The CCFD 3/CCFD 4 CERT Tier 2 program is based on two key elements:

1. Systems-based approach to processes
2. The unique threats associated with our community

The systems-based approach is comprised of building blocks of community threat awareness, as well as neighborhood and community volunteerism.

Clallam County's greatest threat is a major 9.0+ Cascadia Subduction Zone earthquake which will drastically damage roads, buildings, and infrastructure, leaving a significant number of casualties in the community, while preventing "mutual aid" from other jurisdictions. The CCFD 3/CCFD 4 CERT Tier 2 Program helps communities develop earthquake preparedness and response.

### **Preparedness**

Preparedness in our community is done through a series of community outreach efforts to educate small groups in homes, or large groups in meeting rooms.



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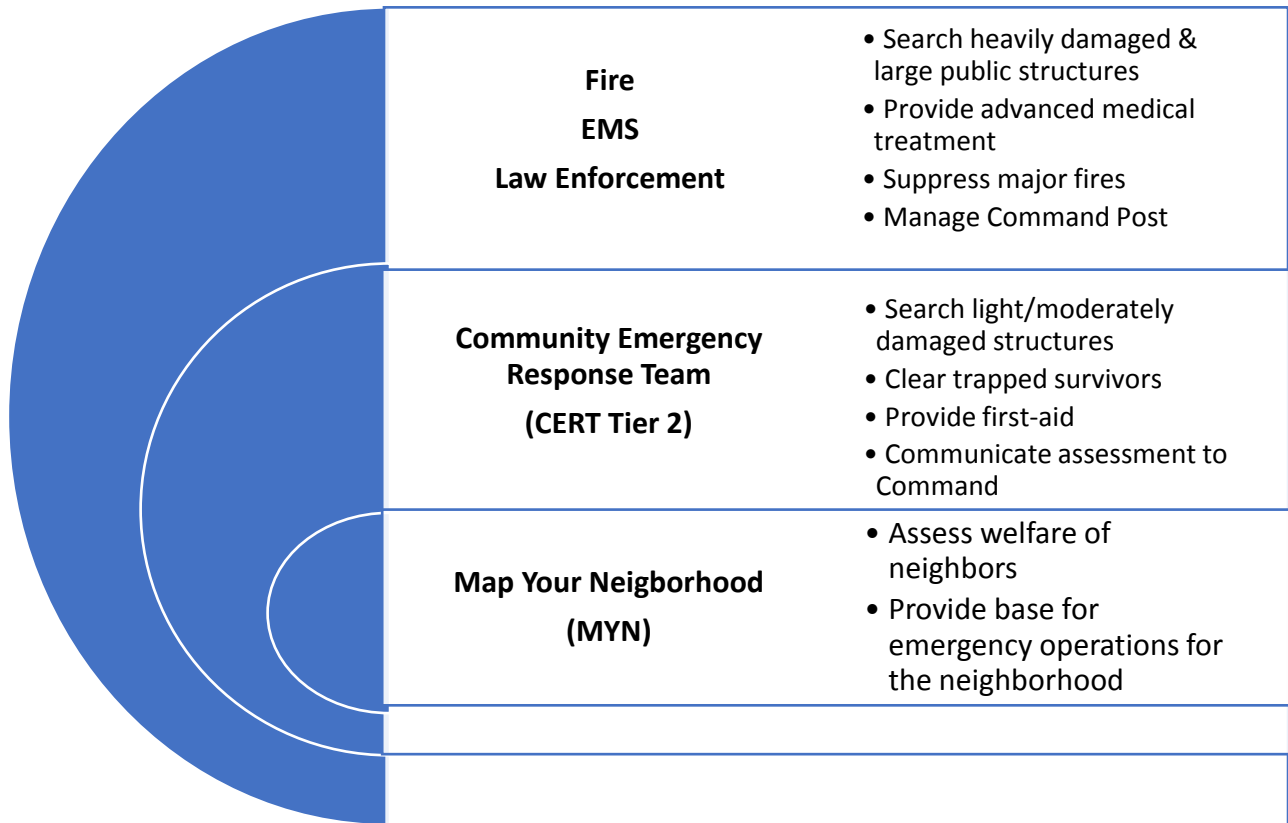
In Fire District 4 the above activities reached 350 people, or 10% of its community (3,649 individuals). Fire District 3 reached 2,500 people or 7% of its community (36,558 individuals).

### **Response – Search and Rescue (SAR)**

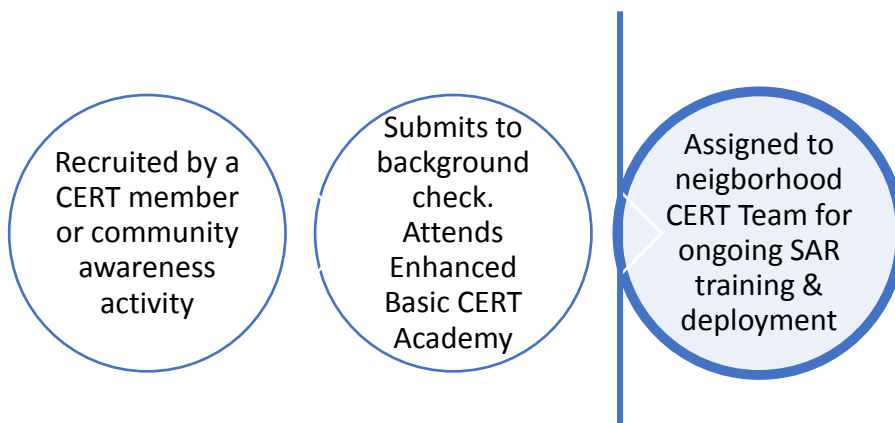
Effective SAR after a Cascadia earthquake will require Map Your Neighborhood, CERT, Fire, EMS, and law enforcement to seamlessly integrate within a smooth flowing process to optimize resources and maximize response.



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**CERT Tier 2 Team Development**



CCFD 3, as the lead sponsoring agency, established an Enhanced Basic CERT Academy that combines Basic CERT skills with Type IV Urban Search and Rescue skills.



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To date:

- 300 individuals have completed the Enhanced Basic CERT Academy
- 26 individuals have left for various reasons
- 264 are assigned to teams
- 10 are awaiting assignment to a team (not enough for a team in their area as of report date)

### **CERT Tier 2 Team Formation**

CCFD 3 assigns members to specific neighborhood teams that will train and work in a structured manner; members are badged as Emergency Service Workers. Teams are required to train monthly, and develop a response plan that will be reviewed and approved by CCFD 3.

### **Program Management – Support and Leadership**

CCFD 3 provides program management, quarterly operational reviews with CERT Tier 2 leaders, CERT Tier 2 training, as well as policy and grant development.

### **Exercises/Drills**

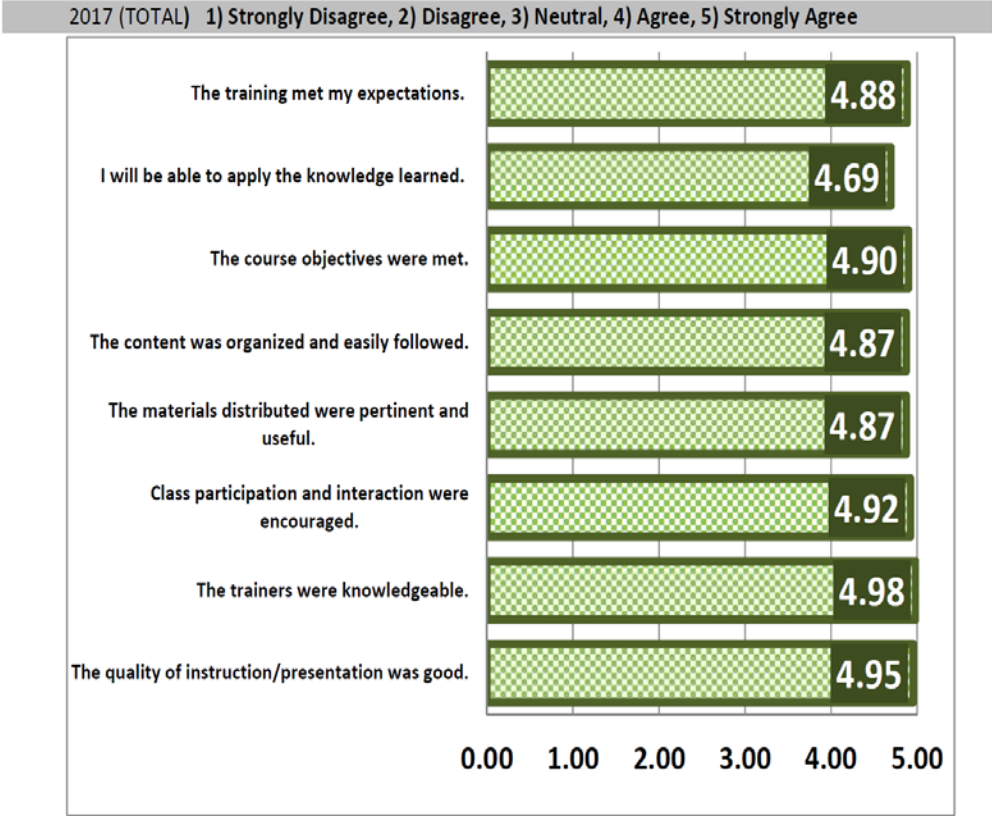
CERT Tier 2 units participate in annual drills, communication drills, and monthly team training to enhance and maintain skills to accomplish their mission.



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**Basic CERT Academy Statistics**



- 12 classes from September 2016 thru December 2017 with an average of 25 students
  - 300 people completed the academy



103 total participants responded to this evaluation.

97.7%	The training met my expectations.
93.9%	I will be able to apply the knowledge learned.
98.0%	The course objectives were met.
97.5%	The content was organized and easily followed.
97.5%	The materials distributed were pertinent and useful.
98.4%	Class participation and interaction were encouraged.
99.6%	The trainers were knowledgeable.
99.0%	The quality of instruction/presentation was good.

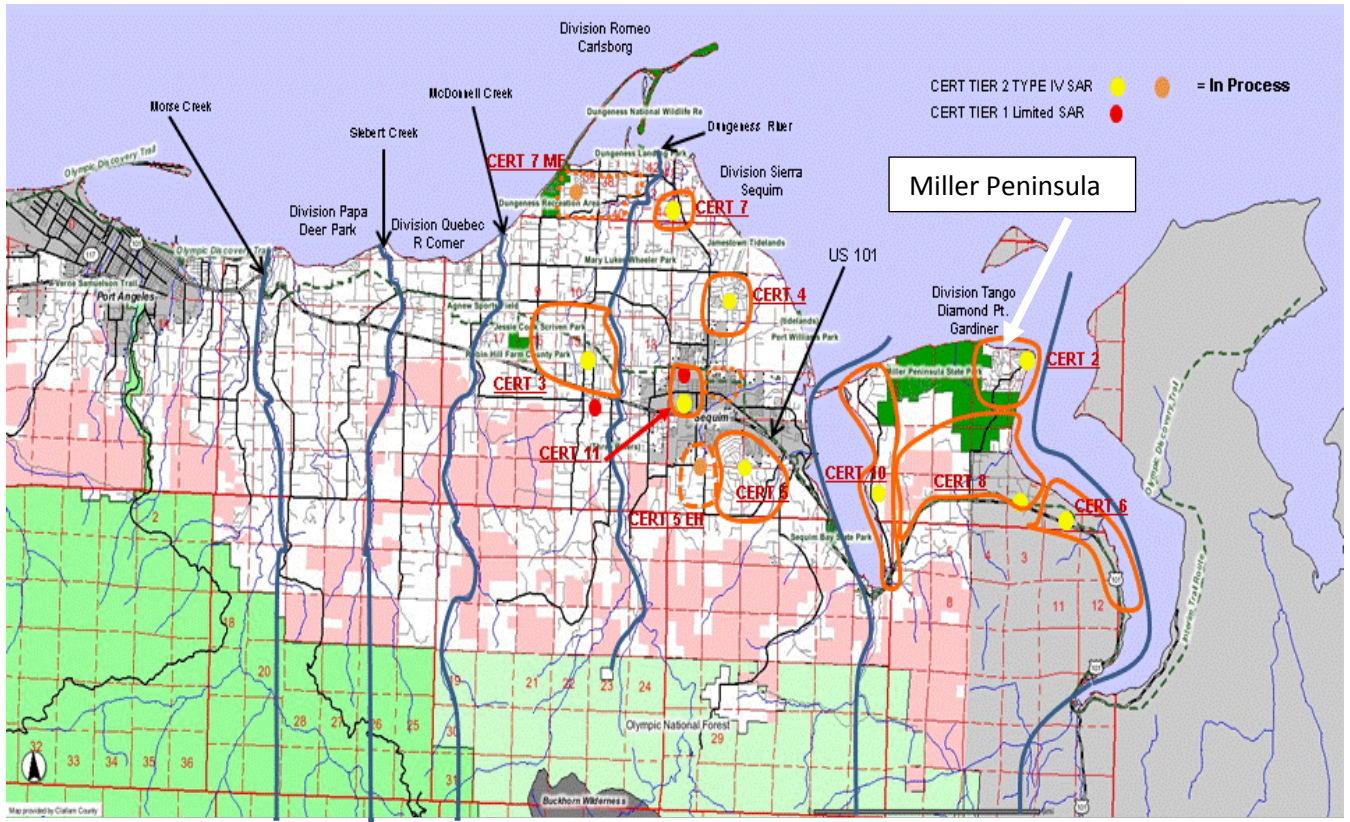




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**CERT Tier 2 Team Coverage Map for Area Command 5**



Miller Peninsula is the only micro-island (division) to be reasonably covered by CERT Tier 2 teams.

Priorities for 2018 are to:

- Increase CERT Tier 2 coverage for City of Sequim
- Create a team north of Carlsborg (Mains Farm/Anderson area and in the Kitchen-Dick & Woodcock area)
- Establish teams in both Deer Park and R Corner micro islands.
- Continue to strengthen existing teams.



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**Responders as Percentage of Population**

<b>Area Command 5 – Population 36,558</b>		
Year	Number of Responders	% of Population
2016-17	~135 Fire, EMS, Law	.35%
2016-17 On Duty	~20 Career/No Vols	.05%
<b>2016-17</b>	<b>272 Trained CERTs</b>	<b>.74%</b>
2016-17	230 In CERT Tier 2 teams	.63%
2016-17 Combined*	365	1%
<b>Area Command 3 – Population 3,649</b>		
Year	Number of Responders	% of Population
2016-17	~24 Fire, EMS, Law	.65%
2016-17 On Duty	~4 Career/No Vols	.1%
<b>2016-17</b>	<b>28 Trained CERTs</b>	<b>.7%</b>
2016-17	28 In CERT Tier 2 teams	.7%
2016-17 Combined*	52	1.4%
<b>Combined Areas – Population 40,207</b>		
Year	Number of Responders	% of Population
<b>2016-17</b>	<b>~159 Fire, EMS, Law</b>	<b>.39%</b>
2016-17 On Duty	~24 Career/No Vols	.06%
<b>2016-17</b>	<b>300 Trained CERTs Tier 2</b>	<b>.75%</b>
2016-17	258	.64%
<b>2016-17 Combined*</b>	<b>417</b>	<b>1.04%</b>

\*Includes Fire, EMS, Law and CERTs on teams.



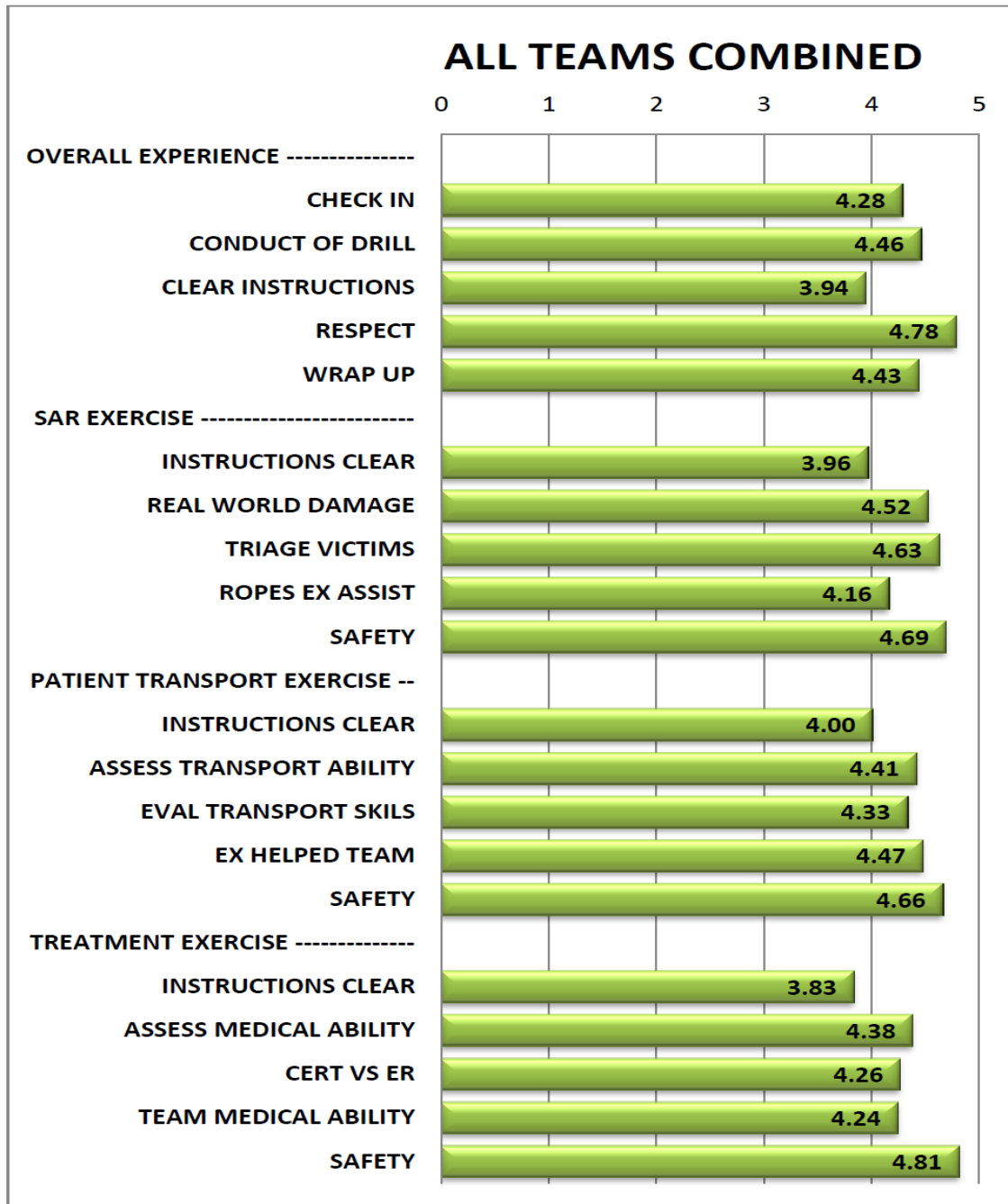


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**June 3, 2017 CERT DRILL SEQUIM, WA**

Scores: 1 Strongly Disagree through 5 Strongly Agree





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## **Funding for CERT Tier 2**

### **Grants**

CCFD 3/CCFD 4 CERT Tier 2 funding comes primarily from overhead support provided by the Fire Districts, and grants totaling \$29,800 as of December 31<sup>st</sup>, 2017:

- **\$3,000 from Federal Government**
- **\$10,000 from Local Government**
- **\$16,800 from private community funds**

100% was spent on equipment, equipment storage, and medical supplies. The program is continuously looking for funding opportunities, and has grant applications underway for 2018 Homeland Security Funds, Service Club grants, and private foundation grants.

### **In Kind Sponsors**

Thirteen different organizations representing fire districts, local government, homeowner associations, faith-based groups, and businesses have donated the use of their facilities, utilities, copying services, and kitchen services for CERT Tier 2 activities.

### **Individual Contributors**

CCFD 3/CCFD 4 CERT Tier 2 is made possible by the efforts of ten individual contributors from both fire districts as well as nineteen community volunteers working as Program Managers, Trainers, Subject Matter Experts, and Team Captains.

### **Benefits**

The CERT Tier 2 program provides an enhanced ability to complete the mission and lower the loss of life.

### **Economic Benefit**

The CERT Tier 2 Program is a high value, low-cost solution to disaster response capability. The cost of one additional fire fighter can approach \$130,000 in salary and benefits. Through the end of 2017, the program spent \$13,700 of which \$3500 was raised by CERT Team 8, Gardiner, to establish an equipment container and radio center. The remaining funds were for medical supplies and protective equipment for 300 CERTs in the field. This works out to \$41 per deployed person. All equipment is issued to a team and returned to the team for re-use if a member leaves. In addition, several members spend a similar amount for personal gear (personal first aid kit, multi-purpose tools, radio, water container, poncho, etc. - returned to them upon leaving). This means that 50% or more of the cost of personal field equipment is funded by the members.





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**Conclusions**

CCFD 3/CCFD 4 CERT Tier 2 program is a systems-based approach where disparate entities required for emergency response operations work as interrelated components. A review of the collective Strengths, Weakness, Opportunities, and Threats (S.W.O.T. Analysis) indicates the following:

Strengths	Weaknesses	Opportunities	Threats
<ul style="list-style-type: none"> <li>• Technical expertise</li> <li>• Communications</li> <li>• Local government &amp; tribal support</li> </ul>	<ul style="list-style-type: none"> <li>• No succession planning</li> <li>• No classroom, storage, meeting space</li> <li>• No annual drill site</li> <li>• Not enough volunteers for 142 sq. miles &amp; 36k+ population</li> <li>• Lack of HAM operators</li> <li>• Aging CERT population</li> <li>• Med centers, schools have no disaster plan that integrates with the community</li> <li>• Limited CERT funds</li> <li>• Limited government disaster preparedness support</li> <li>• No formal command agreement between City of Sequim and CCFD 3</li> <li>• No disaster transportation plan to reestablish lifelines</li> <li>• No sheltering and spontaneous volunteer plans</li> <li>• No mass casualty disaster morgue services plan</li> </ul>	<ul style="list-style-type: none"> <li>• Strong City of Sequim support beyond city boundaries</li> <li>• Leverage relationships with media, Pacific Northwest Seismic Network (PNSN), legislators, National Guard, State Emergency Management Department (EMD)</li> <li>• Leverage community member skills</li> <li>• Defense Reutilization and Marketing Office (DRMO) support</li> <li>• Disaster Air Response Team (DART)</li> <li>• Surrounding counties</li> <li>• Regional Academy</li> <li>• Ruckelshaus Institute of Government Relations</li> </ul>	<ul style="list-style-type: none"> <li>• National Guard has not allocated medical units to Area Command 5 (over 50% of Clallam County population)</li> <li>• State policy, disaster processes, coordination of functions</li> <li>• DRMO support (Priority)</li> </ul>

In sixteen months CCFD 3/CCFD 4 CERT Tier 2 has become a program that is a leader in the state, as recognized by Ruckelshaus Institute and the media. In 2018 we expect to expand the coverage area, increase the number of volunteer personnel by at least 100, and further improve existing member skillsets.