

SR 530 Landslide Commission Meeting

Thursday, October 2, 2014; 5:00 – 8:00 p.m.
The Everett Community Center, Port Gardner Rooms A&B
3900 Broadway, Everett, WA 98201
Phone: (425) 385- 4019

Meeting Summary

ATTENDANCE

See Attachment 1

Welcome and Meeting Overview

Discussion:

General announcements:

Kathy Lombardo, Executive Director, welcomed attendees and reviewed the purpose of the meeting, to hear from each research group an update on what they have learned to date and very preliminary recommendations for the Commission to discuss. Kathy explained that each research group is still meeting with people and their thinking continues to evolve about lessons learned and possible recommendations. This meeting is the first opportunity for the two research groups to report to the entire Commission.

Kathy also mentioned that the meeting notes for September 18th would be posted following electronic review by commissioners ahead of our next meeting on October 13th. The September 30th and the October 2nd meeting summaries will be ready for Commission review at the meeting on October 13th.

Emergency Management Research Group Update

Group Leader: John Erickson

Group Members: Joann Boggs, Renee Radcliff Sinclair, Lee Shipman, Chief Steve Strachan

Overall comments:

The emergency management research group (group) emphasized that the response to the incident was good and that there are always opportunities for improvement. The group expressed appreciation for the efforts of each and every responder that was involved in the incident. The group stated that, in addition to listening to presentations at Commission meetings, they have met with and read reports from a number of agencies and organizations.

The group has identified eight issues for further consideration by the full Commission. The issues outlined below are preliminary and have not been prioritized. With ongoing feedback in

the weeks to come these issues could change, develop further, or be dropped if more pressing information is identified.

Issues and preliminary recommendations:

1. Command and Control

Background: There was ongoing confusion during the earliest stages of rescue and recovery about who was in charge and how best to coordinate actions and strategies during this very complex incident. The landslide, while a relatively ‘small’ event in terms of most disasters, was exceedingly complex and very large for the communities engulfed.

Recommendation: That there be well-defined systems of command and control at all levels of response (rescue, recovery, redevelopment). Training protocols vary between the many response agencies and community volunteers. Increase training and exercise opportunities for responders.

2. Fatality Management

Background: In Washington State, fatality management falls under the local jurisdiction, typically the coroner (RCW 36.24) or medical examiner offices (RCW 36.24.19). Coroners are elected; medical examiners are appointed. Coroners don’t necessarily have medical expertise since it is an elected position. Most coroners are used to planning for and handling small incidents like traffic accidents. They can be overwhelmed in larger incidents with many fatalities. In the SR 530 landslide there were a significant number of fatalities (43). During the landslide and subsequent flooding there was confusion in several areas including data collection.

Recommendations:

- Statewide mutual aid agreements between medical examiners and coroners around the state are needed before an incident occurs. This will streamline processes for assisting one another in major events.
- Family assistance centers need to be established early in an incident and be a standard part of response actions. Even though family assistance centers are in some emergency response plans they were not set up during the SR 530 landslide incident.
- Improve and establish relationships and protocols for fatality management with tribes. Improve understanding of tribal issues related to fatality management.

3. Statutory Responsibility under RCW 38.52

Background: John Pennington, Director of Snohomish County Department of Emergency Management, stated in the white paper that he discussed with the Commission that there needs to be clarity in statutory responsibility and it is important to review RCW

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38.52 as well as review funding strategies for emergency management. The research group agrees that there are many questions and issues that must be addressed in order to improve our emergency management systems.

Recommendations:

- Establish a Task Force focused on identifying specific areas of improvement. Include in the discussion and decision whether to establish a regional/interstate response organization.
- Establish a workgroup to discuss sustainable funding models and identify how best to establish and utilize mutual aid agreements throughout the state.

4. Coordination with and Incident Impacts on Tribes

Background: Tribes are sovereign nations with independent governing systems. Two of the three tribes impacted by the landslide have robust emergency management programs. All three tribes experienced cultural, economic and environmental impacts during and after the landslide. There was a lack of communication and effective interaction between tribes and other government agencies and organizations during the incident. Tribal liaisons can be used effectively during emergency responses.

Recommendations:

- Tribal liaisons must initiate immediate contact with all potentially impacted tribes during an incident.
- Improve coordination among agency tribal liaisons, federal agencies and the agency focused on Indian health.
- Volunteer and community response organizations need to create tribal liaison positions.
- Establish training for tribal liaisons that includes developing trusting relationships prior to events.

5. Standardization of information among Volunteer Organizations

Background: There are numerous volunteer organizations that provide services during an incident. Impacted individuals have difficulty navigating through multiple organizations. Victims' families and survivors often have to repeat the same information to separate organizations multiple times. Answering the same questions over and over again was depicted as 'cruel' and, emotionally difficult.

Recommendations:

- Develop one standard form for missing persons and shared data base that can be accessed and used by all emergency responders and volunteer organizations.
- Further develop the navigator programs already in use by Snohomish County. Navigators will be helpful throughout rescue, recovery and redevelopment.

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6. Volunteer Management and Communication

Background: There were a number of interpersonal communication issues that broke down between first responding professionals and volunteer organizations and skilled community volunteers. Response agencies may not have similar training in regard to how to work with volunteers. There was also a range of skill and training levels among volunteers who participated in the response.

Recommendations:

- Develop a pre-incident training and trust-building system to bring together emergency responders with community volunteers and volunteer organizations. Conduct joint training and table-top exercises in an effort to establish a better understanding of the value each group brings to a response and recovery effort and to develop mutual trust.
- Timely post-incident debriefs must occur within and across organizations in order to break down silos and build trust.
- Develop a pre-certification system to prequalify and have ready contracts with local businesses.
- Municipalities are encouraged to develop and maintain an inventory of community resources (equipment and skills) to engage during emergencies.
- Develop fact sheets to aide communications while working with communities and individuals; manage expectations and an understanding of what responding agencies can and cannot do to help.
- Develop a statewide campaign that explains and clarifies to the public the roles and responsibilities of volunteer agencies that participate in emergency response.
- A statewide system for volunteer training is needed.

7. Rescue and Recovery Timeline

Comments: The research group expects that the whole Commission will compile the timeline for the event. Kathy stated that the Commission has collected a few timelines. She and the Ruckelshaus team are working on consolidating elements of the timelines into one.

8. Communications

Background: Numerous people have reported that communications were challenging particularly in the first 24-72 hours. The research group referred to a draft report (attached) that discusses the use of radios for emergency communications. The report stipulates some of the technical issues encountered during the response and provides recommendations for further consideration. A key element of effective emergency communications is sufficient training and exercises. The group expressed the interest in

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meeting with Bill Schrier, Senior Policy Advisor, Washington State Office of the Chief Information Officer, and to look at the 911 call logs from the incident.

Recommendations:

The research group is still reviewing information and therefore is not prepared to make preliminary recommendations on emergency communications at this time.

Closing comments:

The research group also updated the Commission on their conversations with representatives from the Red Cross. Time allowing, the research group suggested a presentation from the Red Cross to the entire Commission would be useful. It was stated there might be information on the websites of the Red Cross and the United Way showing how funds donated for the SR 530 landslide response are being utilized. See: <http://www.redcross.org/wa/everett/news-events> and <http://www.uwsc.org/recoveryfund.php>

Commissioner Q&A and Group Dialogue

Commissioners responded to the Emergency Management Research Group's report-out with a number of observations, questions to consider and some preliminary thoughts on possible recommendations.

Commissioner dialogue:

- There needs to be greater clarity of roles, responsibilities and seamless command and control transitions from one stage to the next. We must also be mindful of Home Rule and at the same time create a straightforward process for clarifying roles and responsibilities. For explanation of Home Rule see: <http://www.mrsc.org/subjects/governance/locgov12.aspx>
It is important to empower front line emergency responders to be flexible and to execute what they know must be done in a timely manner during an emergency while honoring command and control. Providing suggestions on how to increase clarity is great, but it is important that requirements or emphasis on more training is paired with additional funding and capacity building of emergency response and preparedness.
- The key to effective coordination is building relationships and this responsibility should be on the leadership that exists within municipalities, cities and counties. Community organizations can and do practice together and practicing together builds mutual trust.
- The Commission heard repeatedly that the ordering system was cumbersome and that it was difficult to actually get what was ordered. Some would like to see a statewide uniform ordering system.
- There is constant tension during emergencies when communicating with media. Leaders need to be empowered to provide guidelines for communication to staff and allow for

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some judgment. Is there a simple mechanism that can be created to accomplish this? NIMS is supposed to provide this.

- Most emergency organizations will not want more training/exercises, as they already train extensively. Most existing training programs are designed for large population centers. Training needs to be developed and designed for rural areas as they have different needs than large population centers. Having small/rural cities and counties be as prepared as possible has real value. Citizen Emergency Response Teams (CERT) could be publicized and advertised statewide during a specific month every year to help communities better prepare for disasters.

Land Use and Geologic Hazards Research Group Update

Group Leaders: Wendy Gerstel and Bill Trimm

Group Members: Paul Chiles, Diane Sugimura, Dave Montgomery

Overall Comments

The research group (the group) reviewed issues focused on prevention and minimizing loss of life and property going forward.

Preliminary recommendations (not yet prioritized):

1. Define and map the highest priority landslide risk areas (including run-out zones) in highly populated, commerce and transportation corridors.

Commentary:

It is important to get a handle on the terminology to make sure that rock falls, debris flows, earth movement, etc. are addressed in mapping and risk analysis. All types of earth movement need to be addressed in mapping. Then it is important to spatially identify where risks are located. We need to develop priorities because it is unlikely that we could map the entire state. New mapping that covers actual risks should be developed.

2. Independent review of the effects of forestry practices on landslides and the role of public safety on decision-making.

Commentary:

Commissioner of Public Lands Peter Goldmark is requesting the next state budget fund ways to better assess the risk of logging in landslide-prone areas. The Commission might want to consider how to support an independent review.

3. Each county to have a qualified geologist (or access to a geologist) to respond to perceived threats to the public.

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Commentary:

How might citizens' best provide information from observations on earth movement and to whom? There is lack of clarity about whom an individual can go to if they observe a potential geologic threat. Whose responsibility is it to interface, document and possibly follow up with public concerns?

4. Develop protocol for community members to contact a local geologist, and to advance concerns up to the state if necessary. Based on mapping products outlined above, establish county-managed monitoring protocols and early-warning systems i.e. perceived threats to public safety.

Commentary:

Assuming there are coordinated community workshops and educational forums are being offered, the core of this educational effort could be K-12 curriculum/teaching on earth processes and awareness about landslides, earthquakes and other earth processes relevant to the local geology.

5. Each county and state geologist should receive training in national incident command structure.
6. Establish a statewide GIS system that is accessible to the public. Suggestion of GIS layers include high resolution Lidar, soils, geologic forms, steep slopes, run-out zones, parcel maps. Mapping needs to be generated in such a manner that will inform title companies, financing institutions, purchasers and sellers of potential risks and include such disclosures on Seller Disclosure Statement Form 17.

Commentary:

If mapping was done it could be useful to require the real estate community to inform buyers of the risks. Society often looks to the market to correct situations, for example, a lender will not finance if property is in harm's way, etc.

Mapping doesn't have to be legislated. It is important to have information available to the public when making purchasing decisions. Seattle has a great system for mapping and working with property owners. This system could serve as a model for dealing with land development. The system also identifies properties potentially at risk.

Links from the City of Seattle are:

- Geotechnical reports by address:
<http://www.seattle.gov/dpd/toolsresources/soilsreport/default.htm>
- GIS with mapped steep slope areas, known slides, potential slide due to geologic conditions, and contour lines:

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<http://web1.seattle.gov/dpd/maps/dpdgis.aspx>

- Seattle Landslide Study:

<http://www.seattle.gov/dpd/aboutus/whoweare/emergencymanagement/default.htm>

- Soil Mapping link:

<https://fortress.wa.gov/dnr/geology/?Theme=subsurf>

This database was put together by GeoMap NW - the UW/USGS project led by Kathy Troost and Derek Booth, and was used to develop the new geologic maps for the City of Seattle.

7. Public education and outreach program (videos, public TV, public school education) of natural hazard risks including landslides, debris flows, and flooding. Improve public education of earth science in K-12 system.

Commentary:

The intent of this recommendation is to offer practical approaches that will help inform the general population. It is important to have a public that is aware and informed. Involving children can be helpful. It may also be helpful to use student observations for monitoring. There are organizations that are involved in developing curricula and programs. A statewide effort might be able to liaise with these organizations.

8. Create a hazard identification institute with strong and clear partnerships among government and academic institutions to help collaborate and provide a statewide resource to identify natural hazards, funding sources, mitigation measures and to assist municipalities in resilience planning and strategies.

Commentary:

This recommendation poses questions about funding. Funding sources need to be identified and allocated. There has been significant statewide education about earthquakes, but not as much on other geologic hazard events. There also needs to be a greater focus on how to deal with the broader issues related to resilience. There is no place that focuses on the whole system where everyone is working collaboratively across disciplines/silos. It is important to identify how to get different players to collaborate and work together.

9. In order to reduce or avoid life and property loss we must accurately identify natural hazards and develop risk assessments. The public needs easy access to simple GIS systems.

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Commentary:

It would be helpful to have a state repository of GIS available to all municipalities.

10. Update GMA to require geological mapping in critical area regulations to provide up-to-date inventories based on a statewide mapping program. Require designated geological hazard areas to include defined natural resource mapping concurrent with county GMA/development regulations update schedule.

Commentary:

Comprehensive plans are updated every 8 years. Cities and counties could start on this as they update their plans.

11. Provide public notification information of hazard and risk assessment pursuant to mapping.
12. Designate a technical information officer to be the primary contact on major hazard events.

Commentary:

The main issue is who should be talking to the press.

Closing Comments:

Not all landslides behave the same way. Each incident is unique. The take away message from the SR530 landslide is *not* to extrapolate that what happens in one landslide is applicable to all other landslides. Also, it is important to provide on- call geological expertise early to provide event-specific information.

The underlying point is to get the right expertise on scene as early as possible so that the unique conditions of an event are communicated with the responders.

Q&A and Commission Dialogue

Commissioners responded to the Land Use and Geologic Hazards Research Group's report-out with a number of observations, questions to consider and some preliminary thoughts on possible recommendations. Provided below are highlights of the conversation.

- The state is developing the capacity to text 911. As part of this, the State EMD is working with counties on developing GIS standards.
- The idea of an institute is appealing and could be a great benefit to the State. There are many potential options for raising money, especially if there is a connection to public education.
- What might be the scope of mapping for highest risk areas and what might this cost? In his presentation, Dave Norman provided recommendations on scope and cost and

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stated that adding 5 or 6 additional geologists would be helpful. The scope would begin with mapping the highest risk areas. The good news is that the geology of the state is not changing quickly so mapping could occur over decades. Mapping could be one of the tasks of a new institute. There may be other partnerships or contributors, for example approaching private industry to share the Lidar information that they already have.

- If there was mapping there could be a requirement that a potential landslide risk be disclosed to a property buyer. It would be important not just to rely on disclosure during a potential real estate transaction, but also to share the information more widely with the public.
- If hazards are identified what happens to insurance rates and property values? These are important considerations. There can be a financial impact. There are no easy answers.
- The Real Estate Commission has continuing education requirements for agents in order to maintain their licenses. Landslide risk assessment and hazard training could become a curriculum requirement to fulfill agents' core hours. The Real Estate Commission determines what subjects are part of the core requirements.
- What does it take to change Seller's Disclosure Statement Form 17 to add more about landslide risk? The language is already there.
- Historically, properties have had different values for a variety of reasons. Isn't it important that property buyers be made aware of the potential risks? Different people have different risk tolerances and some will make significant investments to mitigate the risks.
- Regarding risk, the challenge is to define what is meant by the risk and to communicate it appropriately so that buyers can make an informed decision.

Other Research Updates, Information Needs, Report Outline

Update on Fire Mobilization Plan Research:

Mayor Jill Boudreau provided an update on her research regarding the Fire Mobilization Plan. The Plan was written for all hazards and was operating as an all hazards plan until a few years ago when a legal opinion was written that suggested the State should only be funding wild land fire incidents.

Mayor Boudreau is interested in understanding whether the response to the SR 530 event *would have been different* had the Fire Mobilization Plan been funded for all hazards. It is important to try to evaluate the cost if the Plan is restored to cover all hazards. Considering funding in context with other State funding needs is also required.

Discussion following the update focused on whether funding for all hazards would take away from the State's annual wild land firefighting budget. It was stated that adding funding for all hazards is a significant policy decision since it is also important to maintain the annual budget

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for wild land fires. The Commission could consider recommending a disaster response fund that is additive to the wild land fire budgets. A meeting is scheduled with the State Fire Chief and State Patrol in the next week to learn more. Commissioners agreed it was important to continue to assess whether and how it would have improved the response to the SR530 landslide had the Fire Mobilization Plan been able to fund all hazards. Commissioners could consider recommending that the original opinion be re-reviewed.

Structure for Upcoming Meetings

The October 13th Commission meeting will focus on refining each group's preliminary recommendations in priority order. The Fire Mobilization Plan issues and possible recommendations will become part of the Emergency Management Research Group's focus if the Commission decides to pursue it as a recommendation.

The Commission's preliminary recommendations will be vetted further with two panels of 'advisors' during the October 20th Commission meeting. In addition, the panels would be asked for ideas regarding funding.

The November 4th Commission meeting will focus on reviewing the draft report. A preliminary draft report outline has been developed and Kathy will email it to Commissioners.

Public Comments

Peter Selvig – Summary of comments:

Technology has changed in the ICS system. Mayor Dan Rankin and Kevin Ashe were unable to attend this meeting. The County did not support the east side like they supported the west side. The number one key in an incident is to check to see what resources you have available from day one. Tracking of resources was not achieved at the beginning. Volunteer excavators were not signed up. Response was great on the Arlington side. In the first 24 hours they should have implemented a Type 1 or Type 2 Command Team to come in. Mr. Selvig has a complete unit log. It is important to review what was in the documentation box to see what people were doing or should be doing. There is only one way to order resources. The County never exercised efforts to create land use agreements with property owners. Written testimony is attached.

April Putney, Futurewise- Summary of comments:

Futurewise has been following the Commission's work to see what the emerging draft ideas are. Futurewise commends the Commission for the approach being taken and commends the focus on land use and geologic hazards. The approach of identifying hazards, assessing risk, notifying the public and mitigating is good. She likes the idea of updating mapping and including this information in Comprehensive Plans. She also likes the recommendations that focus on informing the public of landslide issues and risks. It is a good idea to include language on Form 17 for real estate transactions. The Commission is encouraged to recommend that adequate information be provided to property owners if mapping occurs.

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Will Knedlik:

Mr. Knedlik read the attached written testimony.

Final Matters, Wrap-up, Adjourn

Research groups agreed to meet for 5 minutes after the Commission meeting to identify potential panelists for the October 20th Commission meeting.

Upcoming SR 530 Commission Meeting Dates	Location
<ul style="list-style-type: none"> • October 13th, 5-8 p.m. • October 20th, 5-8 p.m. • November 4th, 5-8 p.m. • December 2nd, 5-8 p.m. 	<ul style="list-style-type: none"> • Everett Community Center • Everett Community Center • Everett Community Center • Everett Community Center

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Attachment 1
Meeting Attendees

Name	Title and Affiliation
Kathy Lombardo	Executive Director
Joann Boggs	Pend Oreille County Emergency Management Director, current Chair Washington state Emergency Management Association
Hon. Jill Boudreau	Mayor, Mount Vernon
Paul Chiles	Owner/ President, Chiles & Co Real Estate
John Erickson	Former Director of Emergency Preparedness, Department of Health
Wendy Gerstel	Principle, Qwg Applied Geology
David Montgomery	Director, UW Geomorphological Research Group
Renee Radcliff-Sinclair	Former Representative, Current Strategic Initiatives for Western United States for Apple Inc.
Lee Shipman	Emergency Management Director, Shoalwater Bay Tribe
Steve Strachan	Chief, Bremerton Police Department
Diane Sugimura	Director, Seattle Dept. of Planning and Development
Bill Trimm	County Planner/Land Use Expert, Member, Snohomish County Planning Advisory Council representing Mountlake Terrace
Mike Gaffney	Ruckelshaus Center
Amanda Murphy	Ruckelshaus Center
John Snyder	Ruckelshaus Center
Phyllis Shulman	Ruckelshaus Center

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SR 530 LANDSLIDE COMMISSION MEETING SIGN-IN SHEET

Meeting Date & Time: October 2, 2014, 5:00pm – 8:00pm

Location: The Everett Community Center, 3900 Broadway, Everett, WA 98201

Name	Title	Affiliation	Phone	E-Mail
Peter Salvig	LSCII	City Darrington	360 436 1168	Pdsalvig@Frontier.com
Alex McGuire		DNR	360-850-3500	AL.McGUIRE@DNR.WA.GOV
APRIL PUTNEY		FUTURE WISE	206 450 3622	APRIL@FUTUREWISE.org
TOM LING			425 571 405	tomling91@gmail.com
GORDON ENBESS		RETIRED	425-743-9071	gkness@comcast.net
WIM KNEDEK		Escudo de Rana Nad	425-822-1172	wknedek@aol.com
Brian McMahan		Mukilteo Fire	425 508 9630	bmcmanhan@ci.mukilteo.wa

SR 530 LANDSLIDE COMMISSION MEETING PUBLIC COMMENT SIGN-IN SHEET

Meeting Date & Time: October 2, 2014, 5:00pm – 8:00pm

Location: The Everett Community Center, 3900 Broadway, Everett, WA 98201

Welcome to the SR 530 Landslide Commission Meeting. Public comment is encouraged and appreciated. If you wish to speak, please sign-in and provide the agenda item topic you wish to speak about to the Commission.

A total of 15 minutes will be provided for public comment, starting at 8:45pm. Please limit comments to 3 minutes per person. No speaker may convey or donate his or her time to another speaker. In an effort to be respectful of everyone's time, Commission members will not be able to engage in a dialogue with individual members of the audience and no immediate action will be taken on any public comment issue.

Name	Address/Phone/Email (Optional)	Representing Self/Business	Agenda Item/Topic	Wish to Provide Written Comment?
Peter Selvig	LSCIE	City of Darrington	INCIDENT/CHECK IN SUPPORT	GENERAL MESSAGE.
APRIL PUTNEY	206-343-0681 x120	FUTUREWISE	RESEARCH GROUP: LAND USE & HAZARDS	WILL EMAIL
Will KVEDLIK				

GENERAL MESSAGE

I

TO: Landslide Commission
 FROM: Peter Selvia
 POSITION: Kathy Lombardo chair
 POSITION: LSC II
 SUBJECT: EAST side of slide Ugly
 DATE: 12/14 2000

MESSAGE: County NEVER supported the east side. NEVER made any effort to sign up local folks. ONE FOR SAFETY TWO TO TRACK who is doing what, where, when, how long NEVER supported with fuel, food, or direction. Locals used their skill to complete the mission with NO THANKS FROM THE COUNTY THIS WENT ON FOR 8 DAYS BEFORE A TYPE TWO TEAM WAS ASSIGNED TO TAKE

SIGNATURE/POSITION: OVER THIS INCIDENT THINGS WERE

REPLY: grant in Arlington. (ASK THIS? WERE WAS THE COUNTY BACK HOE'S AND DOZER etc they were NOT HERE.)
 DOES THE COUNTY HAVE A PRE CUT ORDER FOR SUPPLY'S & SUPPORT SERVICE'S? I THINK NOT
 TYPE III IC WAS OVER THERE HEADS IN FIRST 24 HRS THEY SHOULD HAVE REQUEST A TYPE I OR II TEAM A TEAM WOULD BE IN PLACE WITHIN 24 HRS. NOT

DATE: 12/14 2000
 TIME: 0900
 SIGNATURE/POSITION: [Signature] LSC II
 8 DAYS LATER

GENERAL MESSAGE

II

TO: Landslide Commission	POSITION: Kathy Lombardo <i>Chair</i>
FROM: Peter Selvio	POSITION: LSC II
SUBJECT: Support For Darrington Eastside	DATE: 10/2/14 0900

MESSAGE: Doc Box All Records such as unit log's were never done by anyone on Type Three ^{EAST} Recording who found what were wear + how. IF the Governor can call up the Guard why not one of the state 5 Type II Team's Team's order the items they need to support the mission Darrington's orders fell on a deaf ear.

SIGNATURE/POSITION: Trailer went to Oso, Arlington and back to Olympia and wear at Darrington ordered. it just one of many down falls.

REPLY: All these forms came in a hog's kit we didn't get a kit on east nor a casher van or yurts, or light towers or heaters. How we get anything was from put company's. and Joe + Sally public that is not how to support the needs of a incident +

DATE: 10/2/14	TIME: 2300	SIGNATURE/POSITION: Sally Scott
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III

GENERAL MESSAGE

TO: Landslide Commission	POSITION WORKER BEE
FROM Peter Selvig	POSITION LSCIT

SUBJECT THANK YOU FOR YOUR SERVICE	DATE 10/2/14 0900
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MESSAGE: COUNTY NEVER ENTERED IN HAND USE AGREEMENTS
WHEN NOTHING WORKS WE USE

THIS TO REQUEST WHAT WE NEED
OR WANT.

I REQUEST THE EXISTING 5 WASHINGTON
STATE TYPE II TEAM BE ALL RISK TEAM

SIGNATURE/POSITION MAKE IT HAPPEN
Peter Selvig
LSCIT

REPLY

LIFE HAS CHANGED

DATE	TIME	SIGNATURE/POSITION
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PETER K. SELVIG

National Incident Command System Training
Incident Management Specialist

Professional Experience

- 43 years of incident management experience with the US Forest Service
- Timber management, recreation special uses, law enforcement coordinator, and developed recreation supervisor on the Mt. Baker-Snoqualmie National Forest
- Member of Area Incident Management Teams for past 32 years

Education

- Iowa State University, forest management
- Skagit Valley Community College
- Command and General Staff (S-420)
- Certified Public Works Contracting Officers Representative
- Certified hazard tree consultant
- Level III law enforcement officer
- IS-700 and 800 from FEMA
- Advanced Contract Officer Training

Emergency Management Experience

- Facilities Unit Leader on recovery efforts for Hurricane Katrina in Camp Beauregard, Louisiana
- Facilities Unit Leader for Columbia Shuttle recovery in Corsicana, TX
- Logistic Section Chief for the Thirtymile Firefighter Fatality Memorial in Yakima, WA
- Assistant to the Quarantine Vet on the Exotic Newcastle Disease Eradication in Los Angeles, Ca
- Coordinated law enforcement activities on the Mt. Baker-Snoqualmie for cedar theft, recreation, and search and rescue
- Coordinated memorial with Darrington Fire Department for fallen firefighter
- Facilities Unit Leader and Security manager for large wildfire complex in Texas and many other wildland fires

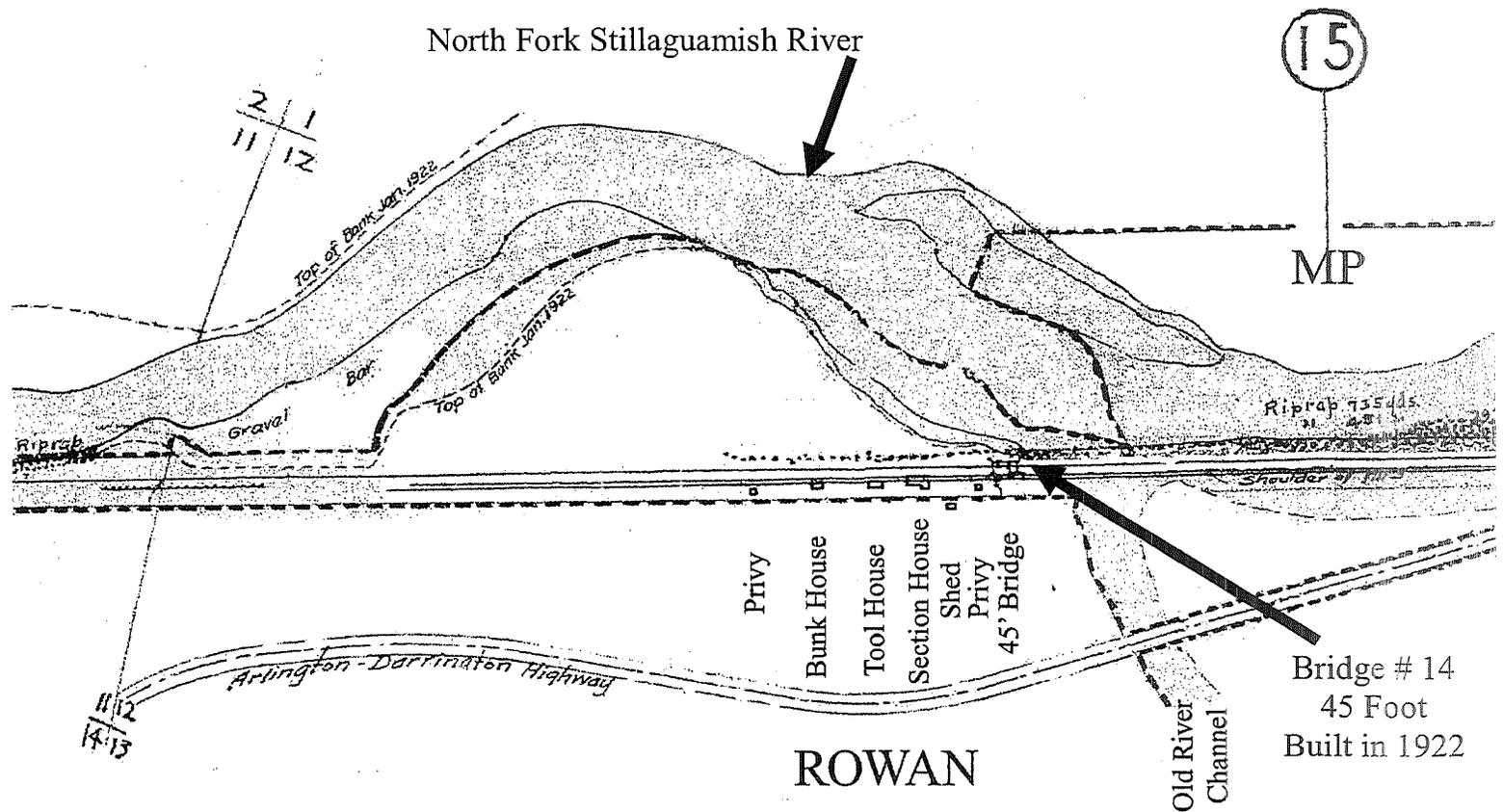
Teaching and Training Experience

- Qualified Type 2 Logistic Section Chief, Facilities Unit Leader, Security Manager and Ground Support Unit Leader
- Taught Food Unit Leader and Facilities Unit leader courses
- Assisted with teaching Command and General Staff (S-420)
- Trained law enforcement personnel as security managers

Mile Post 14.0 to 14.9

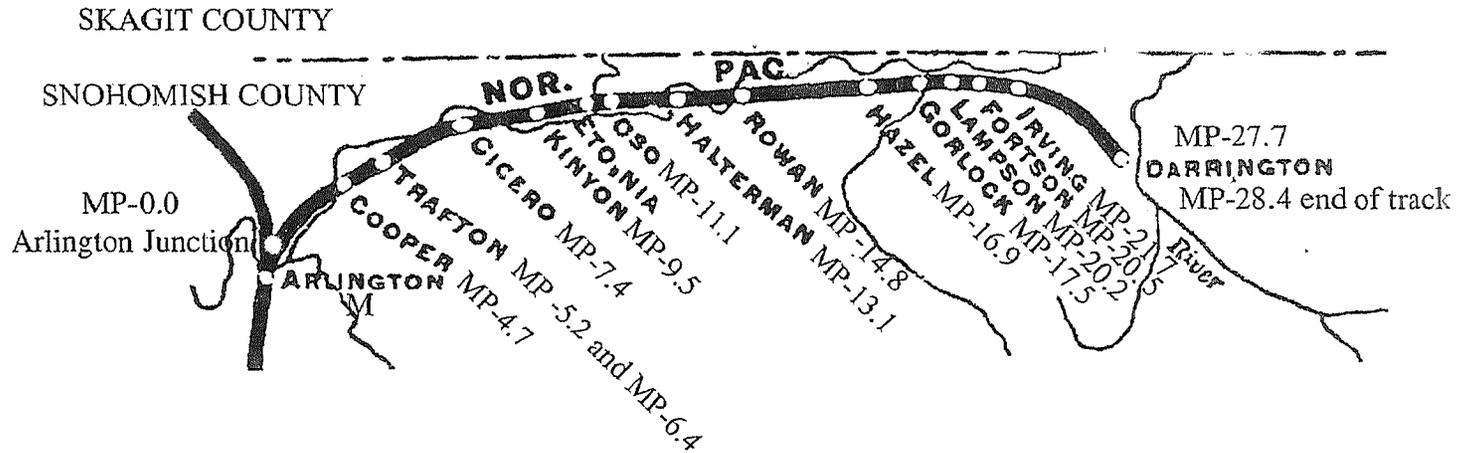
14.8 Rowan, Flag Stop at Section House in Section 12, Township 32 N. Range 7 E.

14.8 Bridge # 14, 45 Foot, Built in 1922.



Eric Erickson Collection

1910 Darrington Branch Mile Post Map -0 to 27.7



The Darrington Branch begins at the Arlington Junction mile post 0.00. Depots were constructed in 1904 at Oso (mile post 11.2) and at Darrington (mile post 27.7). During the same year stations were constructed at Trafton (mile post 5.2), Cicero (mile post 7.4), August (not shown on 1910 map)(mile post 8.3), Rowan (former name was Sheridan) (mile post 14.7), Hazel (mile post 17.0), Lampson (mile post 20.2) and Chapman (not shown on 1910 map) (mile post 22.0) The stations at August and Chapman were removed prior to 1910.

Over the years following this 1910 map, stations and other stops came and went as necessary to meet traffic demands. The following sections of this book are arranged by mile post, with more details of the activities at those locations.

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March 16, 1901: A sidetrack has been put in at the rock quarry two and 1/2 miles east of town. A camp has been established at this same spot. The railroad hospital is now located in the cottage lately occupied by Mr. Coolidge. A steam shovel and plough has arrived and is to be used in getting out ballast for the new road. The fencing gang is hard at work. The wire is distributed for about 4 miles and the posts are set for about the same distance. Steel is now laid as far as the third crossing of the Stillaguamish one and 1/2 miles above Oso. The track laying crew will now be delayed several days waiting for the finishing of this bridge. In the mean time the crew is ballasting up the track and getting out rock for rip raping.

March 21, 1901: *The Seattle & International Ry. is Sold to The Northern Pacific Ry.*

March 23, 1901: Messer's Sayers and Caruthers, of Tacoma, who have the contract for erecting the depots and section houses on the Darrington Branch were in Arlington this week making arrangements to begin work on their contract. They wanted to employ several carpenters here, but it is understood they were unable to find any idle men and will bring a crew from Tacoma. Material for the section houses is at Arlington and these buildings will be erected first. There will be 3 of them, each 16 X 24 feet, with a wing of the same dimensions, affording comfortable dwellings with separate bunk houses for crew. Two work trains are being used on the new line, one distributing gravel and the other ballast. The Emerson bridge will be completed by the first of the week. There will then be little to delay track laying until Boulder Creek is reached. Superintendent of telegraph, Green, of the NPRy, passed through Arlington Thursday on a tour of inspection. He says work will commence stringing wire about the middle of next week.

March 30, 1901: Fagan McGuire has a contract hauling in about 25,000 railroad ties, and will be through about the first of next month.

April 13, 1901: The track is completed as far as Camp # 8, a distance of about 17 miles. Telegraph linemen on the Darrington Branch have the poles set for 8 miles and wire strung as far as Trafton. A laborer employed on the Darrington Branch was killed by a land slide at Camp # 8 Friday.

WEST SIDE

NAME	AGENCY	PHONE	NAME	AGENCY	PHONE
Alan Smith	SNO CO PW	425.388.7520	Kathi Lang	SCSO	425.754.7013
Alison Hitchcock	NWIMT	360.708.1187	Ken Gaydos	Support 7	
Allen McGuire	WA DNR	360.770.3979	Ken Klein	SNO CO COUNCIL	
Bill DeHon	NWIMT	360.770.6046	Kerry Field	NWIMT	425.892.3872
Bob Aldrich	SNO CO		Kirk Bailey	SNO CO	425.354.8521
Bob VanderYacht	NWIMT	360.815.3967	Kirt Hanson	SNO CO SWU	
Brad Reading	NWIMT	425.754.2209	Kristin Banfield	CITY OF ARLINGTON	360.403.3444
Brendan Cowan	NWIMT	360.298.0455	Kyle Dodd	NWIMT	360.815.3380
Brent Speyer	SNO CO Undersheriff	425.328.7430	Lauren Bausky	NWIMT	206.940.5524
Brian Dewitt	ARLINGTON POLICE	425.754.6323	Laurie Bergvall	WA DNR	360.708.8459
Brian Hyatt	NWIMT	425.754.7926	Levon Yengoyan	NWIMT	425.508.0136
Brian McMahan	NWIMT	425.508.9630	Lindsay Payton	SNOCOM	425.344.5068
Brittany Kleiman	COA	425.239.6722	Marcus Deyerin	NWIMT	360.815.3410
Bruce Stedman	ARLINGTON FIRE		Mark Sheppard	NWIMT	206.510.7118
Carolyn Patterson	NWIMT	360.391.4744	Mayor Tolbert	CITY OF ARLINGTON	
Chris Caiola	WSP	425.508.0767	Mel Reitz	WSDOT - NWR A-Z	360.770.4219
Chris Johnson	WSDOT	425.971.1806	Michael Gonia	US ARMY CORP ENG.	206.764.6194
Cindy Higdon	SNO CO ROADS	425.290.2266	Mike Breysse	WSDOT	
Dale Topham	SNO CO PW	425.754.8504	Mike Lingrey	EVERETT FIRE	425.359.3841
Dave Halloran	NWIMT	360.622.6652	Ned Worcester	NWIMT	206.954.7512
David Crandall	SCSO	425.754.9897	Norman Skjelbreia	SNO CO.	425.306.9636
David Tagliani	NW Disaster Search Dogs	425.246.1770	Paul McIntyre	NWIMT	425.754.4338
Deana Dean	ARLINGTON FIRE		Rachelle Heinzels	SCSO	
Derek Wilson	SNOCOM	425.501.9295	Ralph Fry	Support 99	
Doug Hennick	WDFW	425.379.2303	Rodney Rochon	SCSO	425.754.1167
Doug Schmidt	AFD - EMS	425.754.1659	Ron Adams	NWIMT	509.674.8747
Earl Klinefelter	NWIMT	360.661.7415	Ron Whitehall	WA DNR	360.480.9369
EJ Swainson	WSP	360.480.6278	Scott Coulson	SNO CO FIRE #26	
Eric Andrews	NWIMT	425.356.7373	Sean Carson	NWIMT	509.910.6742
Gary Duranceau	NWIMT	360.661.2148	Sean Kicer	NWS Vol.	
Gary Ward	WSDOT	360.961.4034	Sgt. Wickstrom	SCSO	425.754.6780
Graeme Kennedy	WSP		Sharleen Hill	WSDOT	253.861.3326
Gregg Farris	SNO CO		Stephen Slaughter	WA DNR	360.742.9103
Gregg Sieloff	LFD 425-760-9673	425.205.1812	Steve Flude	SNO CO ROADS	425.359.0903
Henry Blankenship	SNO #4		Steve Mason	NWIMT	425.754.2182
Holly Salkeld	NWIMT	360.739.4670	Steve Thomsen	SNO CO PW	425.359.2104
Jackie Brunson	NWIMT	360.391.7183	Steve Westlake	NWIMT	206.999.3684
Jason Armstrong	WSP	425.495.4255	Suzan DelBene	US Rep.	
Jason Bierman	SNO DEM	425.754.2209	Terry Quintrall	ARLINGTON POLICE	425.754.6282
Jason Knott	WSP	425.508.1825	Thomas Peters	WSDOT	206.949.1022
Jason Villarreal	US ARMY CORP ENG.	817.896.4656	Tod Gates	NWIMT	425.754.1499
Jeff Sass	WSP	206.786.3945	Tom Pearce	WSDOT PIO	
Ill Mckinnie	Con. Rick Larsen	425.252.1183	Tom Peterson	WSDOT - Aviation	206.949.2022
Jim Kelly	CITY OF ARLINGTON	425.754.7431	Travis Hots	SNOHOMISH 22	360.913.0351
Vi Biermann	SNO CO DEM		Ty Trejary	SCSO	
John Caverly	WSDOT - ASAR	253.302.7144			
John Lopez Jr.	WSDOT - Aviation	206.949.1022			
John Lovic	SNO CO EXEC				
Joseph Downes	Sen. Cantwell	425.232.8772			
Mari Randall-Secret	NWIMT	360.708.5124			

HW - West side

ORGANIZATION ASSIGNMENT LIST		9. Operations Section	
SR 530-936-214-0795		Chief (Planning)	Steve Westlake
1. Date: March 23, 2014		Chief (Mgt)	Steve Mason
3. Time: 0600		Deputy	Ron Adams, Bob Vandergraaf
2. Operational Period: March 24, 2014 0600 to 2000		a. Branch - LAW ENFORCEMENT	
Position	Name	Branch Director	Rob Farmer
5. Incident Commander and Staff		Division/Group	SECURITY Andy Kahler
Incident Commander	Brad Reading / Unified	Division/Group	TRAFFIC Chris Clopp
Deputy	Gregg Stetoff	Division/Group	SAR Bergstrom
Safety Officer	Michael Lingrey	b. Branch - FIRE	
Information Officer	Marcus Deyerin / JIC	Branch Director	Bruce Stedman
Liaison	Brendon Cowan	Division/Group	SUPPRESSION Steve Mason (West) Tom Cooper (East)
6. Agency Representative		Division/Group	TECHNICAL RESCUE Steve Mason (West) Tom Cooper (East)
Agency	Name	c. Branch - EMS	
Arlington FD	Bruce Stedman	Branch Director	Don Schwartz
Darrington FD	Dennis Fenstermaker	d. Branch - ENGINEERING	
Arlington PW	Ellis	Branch Director	Steve Thomson
WSDOT	Gary Ward	Division/Group	ANALYSIS
Sho. Co. PW	S. Thomson	Division/Group	FLOOD
WSP	Sass	Division/Group	TECH SERVICES
SCSO	Trenary	Division/Group	WASTE WATER Jim Kelly
Liaison (DEM)	Jason Bierman	e. Branch - EQUIPMENT	
DNR	Alan McGuire	Branch Director	Gary Ward
7. Planning Section		Division/Group	
Chief	Gary Duranceau	f. Air Operations Branch	
Deputy	Lauren Bralsky	Branch Director	Tom Peterson
Deputy	Allison Hitchcock	Air Attack Supervisor	Wicksrom
Resources Unit	Earl Klinefeller	Air Support Supervisor	Mondragon
Situation Unit	Kyle Dodd	Helicopter Manager	
GIS Specialist	Sean Carson, Karl Randal-Searest	Air Tanker Coordinator	
Status Check In	Carolyn Patterson	10. Finance Section	
8. Logistics Section		Chief	Jill Brunson
Chief	Paul McIntyre	Deputy Chief	Brian Hyatt
Deputy	Bill Dehoni, Dave Halloran	Time Unit	
Communications Unit	Mark Sheppard, Ned Worcester	Procurement Unit	
Medical Unit		Compensation/Claims Unit	
		Equipment Time	
		Prepared by (Resource Unit Leader)	
		Earl Klinefeller	

PAGE 3

GENERAL MESSAGE

TO: Landslide Commission	POSITION WORKER BEE
FROM Peter Selvig	POSITION LSCTI
SUBJECT THANK YOU FOR YOUR SERVICE	DATE 10/2/14 0900

When nothing works we use
 this to request what we need

OR WANT.

I request the existing 5 Washington
 state Type II team be ALL RISK TEAM

MAKE IT HAPPEN
 [Signature]
 LSCTI

SIGNATURE/POSITION

REPLY

DATE	TIME	SIGNATURE/POSITION

DARRINGTON want to do this
 REQUESTING HELP



MOBILIZATION REQUEST

NEED
 HAPPEN

WSP/EMD USE ONLY	
DATE/TIME RECEIVED	
DATE/TIME APPROVED	
MOBILIZATION #	WA-WFS-

Requesting Agency Information			
Date of Request		Time	
Agency		Contact #	
Fire Chief or Designee		Contact #	
On Scene IC		Contact #	
Regional Coordinator*		Contact #	

*Has the Regional Coordinator been contacted? Yes No

The requesting agency agrees to comply with all provisions of the Mobilization Plan. Yes No

Incident Information							
Incident Name				Incident Type			
Has an Incident Complexity Analysis been completed?				<input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, incident type: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3		
Size (acres, blocks, miles)				Growing in size or contained?			
Weather:	Temperature		Wind Speed		Wind Direction		RH
Fuels involved				Fuel Type(s)			
Nearest Town/City							
Location relative to roads/landmarks							
Land ownership (Check all that apply) <input type="checkbox"/> Private <input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Unprotected							
Is the incident within the requesting agency's fire jurisdiction? <input type="checkbox"/> Yes <input type="checkbox"/> No							
Is the requesting agency's jurisdiction imminently threatened? <input type="checkbox"/> Yes <input type="checkbox"/> No							
Have local resources been exhausted? <input type="checkbox"/> Yes <input type="checkbox"/> No				Has mutual aid been expended? <input type="checkbox"/> Yes <input type="checkbox"/> No			
Does the incident jeopardize the ability of the requesting jurisdiction to protect lives and property?						<input type="checkbox"/> Yes <input type="checkbox"/> No	
What is at risk? (i.e., homes, crops, infrastructure)							
Evacuations <input type="checkbox"/> Yes <input type="checkbox"/> No		Evacuation level <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3		Estimated number to evacuate			
Shelter location							

Resources Needed
What specific resources are needed? (i.e., 3 wildland strike teams)

Reporting Location		
Command Post (location/address)		
Contact Person		Contact #

Submit Completed Request with Incident Complexity Analysis to the Emergency Operations Center

Fax 253.512.7203 OR E-mail dutyofficer@emd.wa.gov

Call 1-800-258-5990 to verify receipt of request

Part 1: NRF/NIMS recommended changes to NFES stocking of ICS forms

- E-ISuite has used these form versions (e-ISuite field test summer 2014; implement fall 2014).
- The following change requests are made to Equipment Technology Committee/NFES Subcommittee regarding ICS form stock.

form #	form title	form version	used in e-ISuite	NWCG/ PMU/Products actions	ETC/NFES change request actions
ICS 201	Incident Briefing	FEMA		NWCG version eliminated link to FEMA version	1. eliminate current stock + kit 2. delete NFES #001325 from ICBS
ICS 202	Incident Objectives	FEMA	e-ISuite	NWCG version eliminated link to FEMA version	1. eliminate current stock + kit 2. delete NFES #001326 from ICBS
ICS 203	Organization Assignment List	FEMA	e-ISuite	NWCG version eliminated link to FEMA version	1. eliminate current stock + kit 2. delete NFES #001327 from ICBS
ICS 204 WF	Assignment List	WF	e-ISuite	NWCG Revised ICS 204 WF (1/2014) will be posted as fillable/savable form	1. eliminate current stock + kit 2. delete NFES #001328 from ICBS
ICS 205	Incident Radio Communication Plan	FEMA	e-ISuite	NWCG version eliminated. Link to FEMA version. Moving to WF later	1. eliminate current stock + kit 2. delete NFES #001330 from ICBS
ICS 206 WF	Medical Plan	WF	e-ISuite	NWCG Revised ICS 206 WF (2014) will be posted at nwcg.gov	1. eliminate current stock + kit 2. delete NFES #001331 from ICBS
ICS 207	Organization Chart	FEMA		NWCG version eliminated. Link to FEMA version.	1. eliminate current stock + kit 2. delete NFES #001332 from ICBS
ICS 207	Organization Chart (wall size)	FEMA		n/a	1. eliminate current stock 2. delete NFES #001367 from ICBS
ICS 209 WF	Incident Status Summary	WF		n/a	Not stocked at NFES, online only. Next revision will assign ICS 209 WF https://fam.nwcg.gov/fam-web/sit/ics209.pdf
ICS 210	Status Change	FEMA		NWCG version eliminated Link to FEMA version	Not stocked at NFES
ICS 211	Check-In List	FEMA		NWCG version eliminated Link to FEMA version	1. eliminate current stock + kit 2. delete NFES #001335 from ICBS
ICS 212 WF	Incident Demobilization Vehicle Safety Inspection	WF		NWCG version ICS 212 WF will be posted at nwcg.gov	1. Use current edition, then transition to WF version as printed copy. No need to eliminate current stock. 2. When WF version is printed for restock, change ICBS description to either (1997) or (2014) editions as acceptable.

ICS 213	General Message	FEMA		NFES #001336 will continue to be stocked by NFES. Use current edition then transition to FEMA version as printed copy. Link to FEMA version.	1. Use current edition, then transition to FEMA version as printed copy. No need to eliminate current stock. 2. When FEMA version is printed for re-stock, change ICBS description to either (1979) or (2014) editions as acceptable.
ICS 214	Unit Log	FEMA		NWCG version eliminated. Link to FEMA version	1. eliminate current stock + kit 2. delete NFES #001337 from ICBS
ICS 215	Operational Planning Worksheet	FEMA		NWCG version eliminated. Link to FEMA version	1. eliminate current stock + kit 2. delete NFES #001338 from ICBS
ICS 215	Operational Planning Worksheet (wall size)	FEMA		NFES #001374 will continue to be stocked by NFES. Use current edition, then transition to FEMA version as printed copy.	1. Use current edition, then transition to FEMA version as printed copy. No need to eliminate current stock. 2. When FEMA version is printed for restock, change ICBS description to either (1986) or (2014) editions as acceptable.
ICS 215A	Incident Safety Analysis	FEMA		NWCG version eliminated. Link to FEMA version.	1. NFES #002221 eliminated + kit. 2. delete NFES #002221 from ICBS
ICS 215A	Incident Safety Analysis wall size	FEMA			1. NFES #002227 eliminated +kit 2. delete NFES #002227 from ICBS
ICS 216	Radio Requirements	N/A		NO FEMA	1. eliminate current stock + kit 2. delete NFES #001339 from ICBS
ICS 217	Radio Frequency Assignment	N/A		NO FEMA	1. eliminate current stock + kit 2. delete NFES #001340 from ICBS
ICS 218	Support Vehicle Inventory	FEMA		NWCG version eliminated. Link to FEMA version.	1. eliminate current stock 2. delete NFES #001341 from ICBS
ICS 219-1	Resource Status Card, Label (header)	FEMA		NFES #001342 will continue to be stocked by NFES. Use current edition until depleted, then transition to FEMA version as printed copy. Link to FEMA version.	1. Use current edition, then transition to FEMA version as printed copy. No need to eliminate current stock. 2. When FEMA version is printed for restock, change ICBS description to either (1981) or (2014) editions as acceptable.

ICS 219-8	Resource Status Card, Equip/Task Force	FEMA		NFES #001350 will continue to be stocked by NFES. Use current edition until depleted, then transition to FEMA version as hard copy. Link to FEMA version.	1. Use current edition, then transition to FEMA version as printed copy. No need to eliminate current stock. 2. When FEMA version is printed for restock, change ICBS description to either (1982) or (2014) editions as acceptable.
ICS 219-9 WF	Resource Status Card, Accountable Property Assignment	WF		NFES #002098 will continue to be stocked by NFES. No FEMA	1. Use current edition, then transition to WF version as printed copy. No need to eliminate current stock. 2. When WF version is printed for restock, change ICBS description to either (1988) or (2014) editions as acceptable
ICS 219-9A WF	Tag, Accountable Property Transfer	WF		NFES #002099 will continue to be stocked by NFES. No FEMA	1. Use current edition, then transition to WF version as printed copy. No need to eliminate current stock. 2. When WF version is printed for restock, change ICBS description to either (1988) or (2014) editions as acceptable
ICS 220	Air Operations Summary	FEMA	e-ISuite	NWCG version eliminated. Link to FEMA version.	1. eliminate current stock + kit 2. delete NFES #001351 from ICBS
ICS 221 WF	Demobilization Checkout	FEMA		NWCG version eliminated. Link to FEMA version.	1. eliminate current stock + kit 2. delete NFES #001353 from ICBS
ICS 224 WF	Crew Performance Rating	WF		NFES #002718 will continue to be stocked by NFES. Use current edition until depleted, then transition to WF version as printed copy. Post fillable, savable version on NWCG site.	1. Use current edition, then transition to WF version as printed copy. No need to eliminate current stock. 2. When WF version is printed for restock, change ICBS description to either (2011) or (2014) editions as acceptable
ICS 225 WF	Incident Personnel Rating	WF		NFES #001576 will continue to be stocked by NFES. Use current edition until depleted, then transition to WF version as printed copy. Post fillable, savable version on NWCG site.	1. Use current edition, then transition to WF version as printed copy. No need to eliminate current stock. 2. When WF version is printed for restock, change ICBS description to either (1986) or (2014) editions as acceptable
ICS 226	Individual Performance Rating	N/A			1. eliminate current stock 2. delete NFES #002074 from ICBS

ICS 259-1	Resource Order, Aircraft	WF	NO FEMA Copies kept at NICC site as ROSS backup documentation. http://www.nifc.gov/nicc/logistics/references.htm	Not stocked. No action.
ICS 259-10	Resource Order, Equipment, Continuation	WF		
ICS 259-13	Resource Order, Overhead	WF		
ICS 259-14	Resource Order, Overhead, Continuation	WF		
ICS 259-15	Resource Order, Supplies	WF		
ICS 259-2	Resource Order, Aircraft, Continuation	WF		
ICS 259-3	Resource Order, Crew	WF		
ICS 259-4	Resource Order, Crew, Continuation	WF		
ICS 259-9	Resource Order, Equipment	WF		
ICS 260-1	Resource Order, 4-part	WF		
ICS 260-2	Resource Order, Continuation, 4- part	WF		

Part 2: ICS form changes to NFES Kits

- The following changes to NFES Kits result from the ICS form changes listed above.
- The following recommendations are made to Equipment Technology Committee/NFES Subcommittee/Kit Subcommittee.

Air Operations Branch Kit

KEEP	NFES 001336	ICS 213, General Message
KEEP	NFES 001342	ICS 219-1, RSC, Label, Grey
KEEP	NFES 001346	ICS 219-4, RSC, Helicopter, Blue
KEEP	NFES 001347	ICS 219-5, RSC, Personnel, White
KEEP	NFES 001348	ICS 219-6, RSC, Aircraft, Salmon
KEEP	NFES 001350	ICS 219-8, RSC, Equip/Task Forces, Tan

Finance Kit

KEEP	NFES 001336	ICS-213, General Message
REMOVE	NFES 001337	ICS-214, Unit Log
KEEP	NFES 001576	ICS-225, Incident Personnel Rating, 3 part set

Logistics Kit

REMOVE	NFES 001335	ICS-211, Check in List
KEEP	NFES 001251	ICS-212, Incident Demobilization Vehicle Safety Inspection
KEEP	NFES 001336	ICS-213, General Message
REMOVE	NFES 001337	ICS-214, Unit Log
REMOVE	NFES 001339	ICS-216, Radio Requirements Worksheet
REMOVE	NFES 001340	ICS-217, Radio Frequency Assignment
REMOVE	NFES 001341	ICS-218, Support Vehicle Inventory
KEEP	NFES 001342	ICS-219-1, Resource Status Card, Label, Grey
KEEP	NFES 002099	ICS-219-A, Tag, Accountable Property Transfer, White

Planning Kit

REMOVE	NFES 001325	ICS-201, Incident Briefing
REMOVE	NFES001326	ICS-202, Incident Objectives
REMOVE	NFES 001327	ICS-203, Organization Assignment List
REMOVE	NFES 001328	ICS-204, Assignment List
REMOVE	NFES 001330	ICS-205, Incident Radio Communication Plan
REMOVE	NFES 001331	ICS-206, Medical Plan
REMOVE	NFES 001332	ICS-207, Organization Chart
REMOVE	NFES 001335	ICS-211, Check in List
KEEP	NFES 001336	ICS-213, General Message
REMOVE	NFES 001337	ICS-214, Unit Log
REMOVE	NFES 001338	ICS-215, Operational Planning Worksheet
KEEP	NFES 001374	ICS-215, Operational Planning Worksheet 36" x 64", wall size
REMOVE	NFES 002221	ICS-215A, Incident Safety Analysis (LCES)
REMOVE	NFES 002227	ICS-215A-WS, Incident Safety Analysis (LCES) 64" x 36"
KEEP	NFES 001342	ICS-219-1, Resource Status Card, Label, Grey
KEEP	NFES 001344	ICS-219-2, Resource Status Card, Crew, Green
KEEP	NFES 001345	ICS-219-3, Resource Status Card, Engines, Rose
KEEP	NFES 001346	ICS-219-4, Resource Status Card, Helicopter, Blue
KEEP	NFES 001347	ICS-219-5, Resource Status Card, Personnel, White
KEEP	NFES 001348	ICS-219-6, Resource Status Card, Aircraft, Orange
KEEP	NFES 001349	ICS-219-7, Resource Status Card, Dozers, Yellow
KEEP	NFES001350	ICS-219-8, Resource Status Card, Equip/Task Forces, Tan
REMOVE	NFES 001351	ICS-220, Air Operations Summary
REMOVE	NFES 001353	ICS-221, Demobilization Checkout
KEEP	NFES 002718	ICS-224, Crew Performance Rating, single page
KEEP	NFES 001576	ICS-225, Incident Personnel Rating, 3 part set

PRE COOL OPERATIVE II

INCIDENT/PROJECT ORDER NUMBER	RESOURCE ORDER		INITIAL DATE/TIME		2. INCIDENT/PROJECT NAME			3. INCIDENT/PROJECT ORDER NUMBER			4. OFFICE REFERENCE NUMBER			
	SUPPLIES													
	5. DESCRIPTIVE LOCATION/RESPONSE AREA				6. SEC.	TWN	RNG	Base MDM	8. INCIDENT BASE/PHONE NUMBER			9. JURISDICTION/AGENCY		
					7. MAP REFERENCE				All Risk			10. ORDERING OFFICE		
11. AIRCRAFT INFORMATION				LAT.				LONG.						
BEARING		DISTANCE		BASE OR OMNI	AIR CONTACT		FREQUENCY		Ground Contact	FREQUENCY		RELOAD BASE	OTHER AIRCRAFT HAZARDS	

12. Request Number	Ordered Date/Time	From To	QTY	RESOURCE REQUESTED	Needed Date/Time	Deliver To	To From	Time	Agency ID	RESOURCE ASSIGNED	ETD	RELEASED		Time
											ETA	Date	To	ETA
			1 KT	NFES 2069, MOBILE SUPPORT CACHE VAN							<input type="checkbox"/>			<input type="checkbox"/>
			1 KT	NFES 4390 KIT, STARTER SYSTEM ICS Command/Logistics Radio System						NIFC—NO SUBSTITUTION (208) 387-5644	<input type="checkbox"/>			<input type="checkbox"/>
			1 KT	NFES 4499 KIT, AIR ATTACK						MUST PROVIDE LAT/LONG OF FIRE!!	<input type="checkbox"/>			<input type="checkbox"/>
			1 KT	NFES4253 KIT, UHF LINK						"	<input type="checkbox"/>			<input type="checkbox"/>
			1 EA	NFES 4312, COMMAND REPEATER						"	<input type="checkbox"/>			<input type="checkbox"/>
			209 PK	NFES 0030 BATTERY, size 'AA' (approximately 2000 each)							<input type="checkbox"/>			<input type="checkbox"/>
			20 EA	NFES 1023 BATTERY, Radio Repeater, 7.5 Volt							<input type="checkbox"/>			<input type="checkbox"/>
			4 BX	NFES 1023 HOLDER Radio Battery (clamshell)							<input type="checkbox"/>			<input type="checkbox"/>
			24 EA	TELEPHONE LINES (unrestricted long distance and data lines of which at least one to be DSL/high speed internet access, if avail.)						LOCAL Telephone Service Provider	<input type="checkbox"/>			<input type="checkbox"/>

13. ORDER RELAYED				ACTION TAKEN				ORDER RELAYED				ACTION TAKEN			
Req. No.	Date	Time	To/From					Req. No.	Date	Time	To/From				
<input type="checkbox"/>								<input type="checkbox"/>							
<input type="checkbox"/>								<input type="checkbox"/>							
<input type="checkbox"/>								<input type="checkbox"/>							

ORDER WHAT YOU NEED

RESOURCE ORDER	INITIAL DATE/TIME	2. INCIDENT/PROJECT NAME	3. INCIDENT/PROJECT ORDER NUMBER	4. OFFICE REFERENCE NUMBER
SUPPLIES				

12. Request Number	Ordered Date/ Time	From To	QTY	RESOURCE REQUESTED	Needed	Deliver To	To From	Time	Agency ID	RESOURCE ASSIGNED	ETD	RELEASED		Time
					Date/Time						ETA	Date	To	ETA
			20 EA	TELEPHONES							<input type="checkbox"/>			<input type="checkbox"/>
			1 EA	COPY MACHINE w/duplex, sort, staple; 20 bin sorter; 40cp/min; Enlarge & reduce; paper trays; ability to center staple 5 1/2 x 8 1/2 booklet is desired						LOCAL Rental	<input type="checkbox"/>			<input type="checkbox"/>
			1 EA	REPAIR SERVICE FOR COPIER (as needed)						LOCAL	<input type="checkbox"/>			<input type="checkbox"/>
			20 RM	PLAIN COPY PAPER, 8 1/2 X 11" (20 Reams)							<input type="checkbox"/>			<input type="checkbox"/>
			10 RM	PLAIN COPY PAPER, 11 X 17" (10 Reams)							<input type="checkbox"/>			<input type="checkbox"/>
			1 EA	FAX MACHINE W/PAPER						LOCAL	<input type="checkbox"/>			<input type="checkbox"/>
			1 EA	REPAIR SERVICE FOR FAX (as needed)						LOCAL	<input type="checkbox"/>			<input type="checkbox"/>
			3 EA	All-in-One Laser Printer/Copier/Fax machines and PC drivers						LOCAL	<input type="checkbox"/>			<input type="checkbox"/>
			1 EA	STANDARD MAP ORDER (when incident in WA or equivalent if out-of-state)						LOCAL	<input type="checkbox"/>			<input type="checkbox"/>
			1 KT	NFES 1835 KIT, FIRST AID STATION, Field 500+ Person							<input type="checkbox"/>			<input type="checkbox"/>
			4 KT	NFES 0550 SHELTER, 16'-20' OCTAGON							<input type="checkbox"/>			<input type="checkbox"/>
			3 EA	NFES 2315 HELMET, Flight, SPH-5C, X-Lg						NO SUBSTITUTION	<input type="checkbox"/>			<input type="checkbox"/>
			1 KT	NFES 1040 KIT, CRASH RESCUE							<input type="checkbox"/>			<input type="checkbox"/>
			1 KT	NFES 0630 KIT, EVACUATION, LITTER BASKET KIT							<input type="checkbox"/>			<input type="checkbox"/>

RESOURCE ORDER SUPPLIES	INITIAL DATE/TIME	2. INCIDENT/PROJECT NAME	3. INCIDENT/PROJECT ORDER NUMBER	4. OFFICE REFERENCE NUMBER
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12. Request Number	Ordered Date/ Time	From To	Q T Y	RESOURCE REQUESTED	Needed Date/Time	Deliver To	To From	Time	Agency ID	RESOURCE ASSIGNED	ETD	RELEASED		Time
											ETA	Date	To	ETA
			2 KT	NFES 0520 KIT, HELICOPTER SUPPORT							<input type="checkbox"/>			<input type="checkbox"/>
			4 EA	NFES 0531 NET, CARGO 3000 LBS							<input type="checkbox"/>			<input type="checkbox"/>
			4 EA	NFES 0526, SWIVEL, CARGO 3000 LBS							<input type="checkbox"/>			<input type="checkbox"/>
			4 EA	NFES 0528, LEAD LINE, 12 FOOT, 3000 LBS							<input type="checkbox"/>			<input type="checkbox"/>
			1 EA	NFES 0458 NET, CARGO, 6000 LBS							<input type="checkbox"/>			<input type="checkbox"/>
			1 EA	NFES 0380 LEAD LINE, 12 FOOT, 6000 LBS							<input type="checkbox"/>			<input type="checkbox"/>
			5 EA	NFES 0426 BAG, Slingable, water, 72 gallon							<input type="checkbox"/>			<input type="checkbox"/>
			3 EA	NFES 0307 EXTINGUISHER, dry chemical, rating 40 BC, 20 lbs							<input type="checkbox"/>			<input type="checkbox"/>
			24 RO	NFES 2401 RIBBON, 1" flagging, GLO Pink (no writing)							<input type="checkbox"/>			<input type="checkbox"/>
			1 EA	Air-to-Air & Air-to-Ground Radio Frequencies Only order if frequencies have not already been requested or assigned for this incident. Do not duplicate.							<input type="checkbox"/>			<input type="checkbox"/>
											<input type="checkbox"/>			<input type="checkbox"/>
											<input type="checkbox"/>			<input type="checkbox"/>
											<input type="checkbox"/>			<input type="checkbox"/>
											<input type="checkbox"/>			<input type="checkbox"/>

INCIDENT/PROJECT ORDER NUMBER

RESOURCE ORDER OVERHEAD

INITIAL DATE/TIME	2. INCIDENT/PROJECT NAME	3. INCIDENT/PROJECT ORDER NUMBER	4. OFFICE REFERENCE NUMBER					
5. DESCRIPTIVE LOCATION/RESPONSE AREA	6. SEC.	TWN	RNG	Base MDM	8. INCIDENT BASE/PHONE NUMBER	9. JURISDICTION/AGENCY		
	7. MAP REFERENCE				10. ORDERING OFFICE			
11. AIRCRAFT INFORMATION			LAT.		LONG.			
BEARING	DISTANCE	BASE OR OMNI	AIR CONTACT	FREQUENCY	Ground Contact	FREQUENCY	RELOAD BASE	OTHER AIRCRAFT HAZARDS

12. Request Number	Ordered Date/Time	From	QTY	RESOURCE REQUESTED	Needed	Deliver To	To	Time	Agency ID	RESOURCE ASSIGNED	ETD	RELEASED		Time
		To			Date/Time		From				ETA	Date	To	ETA
			1 EA	COMT (w/tools & test equipment)						LOCAL (USFS, WA-WAS, etc)	<input type="checkbox"/>			<input type="checkbox"/>
			1 EA	RADO (Experienced, possible to work PM shift)							<input type="checkbox"/>			<input type="checkbox"/>
			1 EA	RADO							<input type="checkbox"/>			<input type="checkbox"/>
			1 EA	RCDM							<input type="checkbox"/>			<input type="checkbox"/>
			1 EA	BCMG							<input type="checkbox"/>			<input type="checkbox"/>
			1 EA	ORDM (Trainee acceptable)							<input type="checkbox"/>			<input type="checkbox"/>
			1 EA	EQPM							<input type="checkbox"/>			<input type="checkbox"/>
			1 EA	EQPM							<input type="checkbox"/>			<input type="checkbox"/>
			1 EA	FOBS or TFLD (utilized as a Field Observer)							<input type="checkbox"/>			<input type="checkbox"/>
			1 EA	FOBS or TFLD (utilized as a Field Observer)							<input type="checkbox"/>			<input type="checkbox"/>
			1 EA	FOBS or TFLD (utilized as a Field Observer)							<input type="checkbox"/>			<input type="checkbox"/>

Order No.	RESOURCE ORDER	INITIAL DATE/TIME	2. INCIDENT/PROJECT NAME	3. INCIDENT/PROJECT ORDER NUMBER	4. OFFICE REFERENCE NUMBER
	OVERHEAD				

12. Request Number	Ordered Date/Time	From To	QTY	RESOURCE REQUESTED	Needed Date/Time	Deliver To	To From	Time	Agency ID	RESOURCE ASSIGNED	ETD		RELEASED		Time
											ETA	Date	To	ETA	
			1 EA	READ (Resource Advisor-Local)							<input type="checkbox"/>				<input type="checkbox"/>
			1 EA	HEB1 Helibase Manager Type 1							<input type="checkbox"/>				<input type="checkbox"/>
			1 EA	SECM Security Manager							<input type="checkbox"/>				<input type="checkbox"/>
			1 EA	EQTR (Equip Time Recorder for GSUL)							<input type="checkbox"/>				<input type="checkbox"/>
			1 EA	EDRC (Dispatch Recorder for GSUL)							<input type="checkbox"/>				<input type="checkbox"/>
			1 EA	COTR Contracting Office Tech Rep							<input type="checkbox"/>				<input type="checkbox"/>
			1 EA	IACR Interagency Contract Rep							<input type="checkbox"/>				<input type="checkbox"/>
			1 EA	STAM Staging Area Manager							<input type="checkbox"/>				<input type="checkbox"/>
			1 EA	AUTO MECHANIC W/TOOLS & SUPPORT VEHICLE							<input type="checkbox"/>				<input type="checkbox"/>
				Full INCIDENT MEDICAL TEAM to include the following:							<input type="checkbox"/>				<input type="checkbox"/>
			1 EA	IMSM IMS Manager							<input type="checkbox"/>				<input type="checkbox"/>
			1 EA	IMSA IMS Assistant							<input type="checkbox"/>				<input type="checkbox"/>
			1 EA	IMSA							<input type="checkbox"/>				<input type="checkbox"/>
			1 EA	IMSA							<input type="checkbox"/>				<input type="checkbox"/>

INCIDENT/PROJECT ORDER NUMBER

RESOURCE ORDER EQUIPMENT		INITIAL DATE/TIME	2. INCIDENT/PROJECT NAME				3. INCIDENT/PROJECT ORDER NUMBER		4. OFFICE REFERENCE NUMBER	
5. DESCRIPTIVE LOCATION/RESPONSE AREA			6. SEC.	TWN	RNG	Base MDM	8. INCIDENT BASE/PHONE NUMBER		9. JURISDICTION/AGENCY	
			7. MAP REFERENCE						10. ORDERING OFFICE	
11. AIRCRAFT INFORMATION			LAT.			LONG.				
BEARING	DISTANCE	BASE OR OMNI	AIR CONTACT	FREQUENCY	Ground Contact	FREQUENCY	RELOAD BASE	OTHER AIRCRAFT HAZARDS		

12. Request Number	Ordered Date/Time	From	QTY	RESOURCE REQUESTED	Needed	Deliver To	To	Time	Agency ID	RESOURCE ASSIGNED	ETD	RELEASED		Time
		To			Date/Time		From				ETA	Date	To	ETA
			25 EA	TOILETS, Chemical w/daily service (inc SAT/Sun/Holidays) inc 2 Accessible Toilets							<input type="checkbox"/>			<input type="checkbox"/>
			1 EA	40 CY DUMPSTER or equivalent w/daily service (Sat/Sun/Holidays)							<input type="checkbox"/>			<input type="checkbox"/>
			4 EA	HAND WASHING STATION (foot pump type)							<input type="checkbox"/>			<input type="checkbox"/>
			1 EA	CATERING SERVICE, kitchen							<input type="checkbox"/>			<input type="checkbox"/>
			1 EA	SHOWER UNIT w/gray water							<input type="checkbox"/>			<input type="checkbox"/>
			1 EA	POTABLE WATER TRUCK 2000 GAL							<input type="checkbox"/>			<input type="checkbox"/>
			1 EA	FUEL TENDER w/Operator 1000 GAL UNLEADED GAS						LOCAL or WA-WAS ALL FUEL TENDERS to Come with HazMat Spill	<input type="checkbox"/>			<input type="checkbox"/>
			1 EA	FUEL TENDER w/Operator 1000 GAL DIESEL						Containment Kit (Standard)	<input type="checkbox"/>			<input type="checkbox"/>
			1 EA	¾ TON 4X4 PICKUP TRUCK w/Driver						LOCAL	<input type="checkbox"/>			<input type="checkbox"/>
			1 EA	¾ TON 4X4 PICKUP TRUCK w/Driver						LOCAL	<input type="checkbox"/>			<input type="checkbox"/>
			1 EA	WATER TRUCK 2000 GAL w/spray bar for dust abatement						LOCAL	<input type="checkbox"/>			<input type="checkbox"/>

INCIDENT/PROJECT ORDER NUMBER	RESOURCE ORDER		INITIAL DATE/TIME	2. INCIDENT/PROJECT NAME			3. INCIDENT/PROJECT ORDER NUMBER		4. OFFICE REFERENCE NUMBER								
	AIRCRAFT					Base MDM	8. INCIDENT BASE/PHONE NUMBER		9. JURISDICTION/AGENCY								
	5. DESCRIPTIVE LOCATION/RESPONSE AREA			6. SEC.	TWN	RNG				10. ORDERING OFFICE							
				7. MAP REFERENCE													
	11. AIRCRAFT INFORMATION			LAT.			LONG.										
BEARING	DISTANCE	BASE OR OMNI	AIR CONTACT	FREQUENCY	Ground Contact	FREQUENCY	RELOAD BASE	OTHER AIRCRAFT HAZARDS									
12. Request Number	Ordered Date/Time	From		QTY	RESOURCE REQUESTED	Needed		Deliver To	To		Agency ID	RESOURCE ASSIGNED	ETD		RELEASED		Time
		To	To			Date/Time	To		Time	ETA			Date	To	ETA		
				1 EA	HELICOPTER, TYPE 2 W/MODULE								<input type="checkbox"/>				<input type="checkbox"/>
				1 EA	HELICOPTER, TYPE 3 W/MODULE								<input type="checkbox"/>				<input type="checkbox"/>
				1 EA	AIR TACTICAL FIXED WING PLATFORM w/RADIO KIT If unavailable, then order Fixed Wing, Type 3 w/radio kit for ATGS								<input type="checkbox"/>				<input type="checkbox"/>
													<input type="checkbox"/>				<input type="checkbox"/>
													<input type="checkbox"/>				<input type="checkbox"/>
													<input type="checkbox"/>				<input type="checkbox"/>
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													<input type="checkbox"/>				<input type="checkbox"/>
													<input type="checkbox"/>				<input type="checkbox"/>

INCIDENT/PROJECT ORDER NUMBER	RESOURCE ORDER		INITIAL DATE/TIME		2. INCIDENT/PROJECT NAME			3. INCIDENT/PROJECT ORDER NUMBER		4. OFFICE REFERENCE NUMBER							
	CREWS																
	5. DESCRIPTIVE LOCATION/RESPONSE AREA				6. SEC.	TWN	RNG	Base MDM	8. INCIDENT BASE/PHONE NUMBER		9. JURISDICTION/AGENCY						
					7. MAP REFERENCE						10. ORDERING OFFICE						
	11. AIRCRAFT INFORMATION				LAT.				LONG.								
BEARING		DISTANCE		BASE OR OMNI		AIR CONTACT		FREQUENCY		Ground Contact		FREQUENCY		RELOAD BASE		OTHER AIRCRAFT HAZARDS	
12. Request Number	Ordered Date/Time	From To	QTY	RESOURCE REQUESTED	Needed Date/Time	Deliver To	To From	Time	Agency ID	RESOURCE ASSIGNED	ETD ETA	RELEASED Date To		Time ETA			
			1 EA	CAMP—Camp Helper Crew 5 person (see details below)							<input type="checkbox"/>			<input type="checkbox"/>			
			1 EA	CAMP—Camp Helper Crew 10 person (see details below)							<input type="checkbox"/>			<input type="checkbox"/>			
				Each Crew must come with crew leader and with transportation to stay with crew. Crew must be prepared to stay in Fire Camp conditions. Cannot use DOC crews for this, as may be needed to work individually as runners, helpers, etc.							<input type="checkbox"/>			<input type="checkbox"/>			
												<input type="checkbox"/>			<input type="checkbox"/>		
											<input type="checkbox"/>			<input type="checkbox"/>			
											<input type="checkbox"/>			<input type="checkbox"/>			
											<input type="checkbox"/>			<input type="checkbox"/>			
											<input type="checkbox"/>			<input type="checkbox"/>			
											<input type="checkbox"/>			<input type="checkbox"/>			
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											<input type="checkbox"/>			<input type="checkbox"/>			
											<input type="checkbox"/>			<input type="checkbox"/>			

Quintessential step to ensure that forty three of our fellow citizens shall not have died in vain

The 43 western cedar saplings now planted along State Route 530 will offer a further truly fitting tribute to a devastating tragedy, as they grow, for decades beyond every life in this room tonight.

Thus, that living memorial will last far longer than many others – however entirely suitable and however genuinely heartfelt – including an official presidential visit made to the Oso Firehouse.

Yet, commemorations and valedictories all must and all do pale toward relative insignificance in any reasoned comparison with the monument that can and should be constructed by each member of this commission impaneled to honor those 43 souls felled at Steelhead Haven by ensuring that no citizen of, nor visitor to, our state shall be added cruelly to the ranks of needlessly fallen dead.

In our conversations of August 22nd and of September 10th, I have respectfully noted objectives that are estimable, and sentiments that are admirable, as ably stated by commission members and as duly reported by leading publications located both in Snohomish County and also in Seattle.

But good intentions are simply not enough, particularly given the enormous responsibilities that have been placed directly on your shoulders and that your leadership has squarely acknowledged.

Given this commission's oversize fiduciary obligations, and given an extremely short time frame in which to complete its study and its recommendations, absent actual soundness, in design, even the very best of good intentions can and quite likely will result in a suboptimal product or worse.

Simply stated, if this commission does not identify and prioritize the greatest of threats to human life, then your worthy service in a position of true public trust will yield unworthy disservice to state citizens as this body fails both its important mission, as directed by Governor Jay Inslee and by County Executive John Lovick, and also its central operating principles, as developed and as adopted by this key body (which were quoted from and read into the record on September 10th).

Without attention to systematic risk triage to identify highest jeopardies of major losses of human lives in the Everett-to-Seattle rail corridor, as known since not later than mid 1897, as well as any other like-or-larger dangers, as identified by this body, your report will lack adequate foundation.

When Geoffrey Chaucer exited public service in 1399 –after four decades as poet to the London court – he reported a “hevychere,” because his purse “been lyght,” leaving him therefore lacking for a warm coat against the elements from drizzly winter weather, on the Thames, then and now.

You can do nothing about state finances, of course, but please do not leave state citizens without the basic protection that you **can** afford against slides known to derive from supersaturated soils.

Please honor the dead by ensuring that no more lives are wasted, needlessly, because the work of this commission does not identify nor quantify the relative risks faced by Washingtonians, today, as application of systematic risk triage methods allows – if only you do not choose to bury them.

Please do not fail the people of the state of Washington by breaching your patent fiduciary duties and your equally clear *de jure* obligations to identify and to prioritize grave threats to human life.

Testimony by Will Knedlik to the Joint SR 530 Landslide Commission on October 2, 2014