

**DRAFT MINUTES  
OKLAHOMA HAZARDOUS MATERIALS  
EMERGENCY RESPONSE COMMISSION  
DEQ 7<sup>th</sup> Floor Oklahoma Room  
August 8, 2018**

Official after OHMERC Approval  
On December 5, 2018

<b>Members Present</b>	<b>Members Absent</b>	<b>Staff Present</b>
Robert Doke	Jack McCoy	Stephen Baldrige
Curtis Driscoll		Matt Wormus
Michael Galloway		Tom Bergman
Clifton Hoyle		Kristen Bliss
Bonnie McKelvey		Quiana Fields
William Young		

Mr. Hoyle called the meeting to order. Ms. Fields called roll and confirmed that there was a quorum.

Mr. Hoyle called for a motion to approve the February 7, 2018 Minutes. Chief Doke moved to approve the February 7, 2018 Minutes and Mr. Galloway made the second. Approval by members was with "aye". No one opposed.

Commission Status Reports: Ms. McKelvey mentioned that the Region VI EPA LEPC Workshop dates and locations are August 21 in Broken Arrow, August 22 in Ada, August 27 in Alva, August 28 in Lawton and August 29 in Ardmore. Also, Ms. McKelvey stated that the HMEP 2018-2019 application is being reviewed by PHMSA and expects award before the end of September. The OSU mid-year training report FY 2017-2018 there were 894 first responders that have been trained using the FY 2017-2018 HMEP grant funding. Mr. Wormus and Ms. Bliss gave an update and presentation on the Data Management Report.  
*(See transcript pages 4 – 31)*

Discussion Items: Mr. Bergman spoke about ongoing DEQ projects and gave a presentation on information regarding hazmat.  
*(See transcript pages 31 – 60)*  
Discussion of Emergency Responses: Members  
*(See transcript pages 60 – 65)*

New Business: None

Public Forum-Open Discussion: Mr. Fred Storer, a resident from Tulsa, spoke to the Commission regarding mistakes that have been made in the Tulsa area relative to planning decisions because people didn't understand hazardous material issues.  
*(See transcript pages 65 – 82)*

Adjournment: Mr. Galloway moved to adjourn and Mr. Driscoll made the second. Meeting adjourned at 3:05 p.m.

Next Meeting: December 5, 2018; Oklahoma City

**The sign-in sheet becomes an official part of these Minutes.**

OKLAHOMA HAZARDOUS MATERIALS EMERGENCY RESPONSE  
QUARTERLY MEETING

OHMERC ADVISORY COUNCIL  
QUARTERLY MEETING  
AUGUST 8, 2018 - 1:30 P.M.

DEQ BUILDING  
707 NORTH ROBINSON, OKLAHOMA ROOM, 7TH FLOOR  
OKLAHOMA CITY, OKLAHOMA 73102

Reported by Steve Plumbtree, CSR, CP

<p style="text-align: right;">Page 2</p> <p>1 COUNCIL MEMBERS PRESENT                  2 Mr. Clifton Hoyle, Chair                  Ms. Bonnie McKelvey                  3 Mr. Michael Galloway                  Mr. Curtis Driscoll                  4 Mr. Robert Doke                  Mr. William C. Young                  5                  OTHERS PRESENT                  6                  Mr. Tom Bergman                  7 Ms. Kristen Bliss                  Mr. Matthew Wormus                  8 Mr. Stephen Baldridge                  Mr. Fred Storer                  9 Ms. Quiana Fields                  10                  MEETING INDEX                  11 ITEM PAGE                  12 Certificate Page . . . . . 84                  13                  14                  15                  16                  17                  18                  19                  20                  21                  22                  23                  24                  25</p>	<p style="text-align: right;">Page 4</p> <p>1 MR. HOYLE: Thank you and thank you. Can                  2 we get a roll call, please, for a vote? We'll                  3 just --                  4 MS. FIELDS: All in favor.                  5 MR. HOYLE: All in favor, say aye.                  (Group answered aye)                  6                  7 MR. HOYLE: Opposed? Hear none.                  8 All right. So motion approved.                  9 All right. The first item here on the agenda,                  10 the Commission status report. Ms. Bonnie McKelvey                  11 with our OEM Grant updates.                  12 MS. MCKELVEY: Okay. We -- hopefully                  13 you've all heard about the LEPC and Region 6 EPA                  14 workshop that are happening the end of the month.                  15 And I brought the information about that if you need                  16 it. And also emailed everyone. So there's five of                  17 them, the 21st, the 22nd and the 27th, 28th, and                  18 29th in Broken Arrow, Ada, Ardmore, Lawton, and                  19 Alva. Alva! We're having a hard time getting                  20 numbers there, Tom, but we'll work on it.                  21 And the HMEP 2018-2019 application, and this is                  22 the last year of the three year grant, is still                  23 being reviewed by PHMSA and I expect an award before                  24 the end of September.                  25 Let's see. OSU Mid-Year Training Report for</p>
<p style="text-align: right;">Page 3</p> <p>1 (The meeting was called to order at 1:30 p.m.)                  2 MR. HOYLE: All right. Good afternoon,                  3 everybody. I call the meeting to order. And I                  4 would like to ask Ms. Quiana to give us a roll call,                  5 please.                  6 MS. FIELDS: Chief Doke?                  7 CHIEF DOKE: Here.                  8 MS. FIELDS: Mr. Driscoll.                  9 MR. DRISCOLL: Here.                  10 MS. FIELDS: Mr. Galloway.                  11 MR. GALLOWAY: Here.                  12 MS. FIELDS: Major McCoy is absent.                  13 Ms. McKelvey?                  14 MS. MCKELVEY: Here.                  15 MS. FIELDS: Mr. Young?                  16 MR. YOUNG: Here.                  17 MS. FIELDS: Mr. Hoyle?                  18 MR. HOYLE: Here.                  19 MS. FIELDS: We have a quorum.                  20 MR. HOYLE: Thank you, Quiana.                  21 At this time I hope everybody has had an                  22 opportunity to review the minutes. And I will                  23 entertain a motion for approval.                  24 CHIEF DOKE: So moved.                  25 MR. GALLOWAY: Second.</p>	<p style="text-align: right;">Page 5</p> <p>1 '17-'18 from September 30, 2017 through April 30,                  2 2018. 894 first responders have been trained. And                  3 that's about around 12,000 training hours I believe                  4 that we get credit for toward our HMEP match -- HMEP                  5 grant match.                  6 We have the upcoming Oklahoma Emergency                  7 Management annual conference at the Embassy Suites                  8 in Norman August the 13th through the 16th.                  9 MR. GALLOWAY: That's next week.                  10 MS. MCKELVEY: Uh-huh. Yeah. Sunday and                  11 Monday are training days. And our web page has the                  12 registration information and the schedule for that                  13 in a web page www.ok.gov.                  14 Director Albert Ashwood, after 31 years with the                  15 Oklahoma Emergency Management, is retiring. His                  16 last day is August 31 of 2018. They are having a                  17 retirement event on August 29th at the state                  18 emergency operations center. And that will be from                  19 1:00 to 3:00 p.m. If you come and y'all want to                  20 bring friends, that would be great.                  21 MR. HOYLE: Has he been the only director                  22 of the emergency center?                  23 MR. BERGMAN: No.                  24 MS. MCKELVEY: Our current deputy director,                  25 Michelann Ooten, has been appointed director of</p>

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1 Oklahoma Emergency Management effective September 1,  
2 2018. I don't know who the deputy will be yet.  
3 MR. BERGMAN: Michelann is the new director  
4 or the treasurer? She's the treasurer now?  
5 MR. GALLOWAY: No.  
6 MS. McKELVEY: The director.  
7 MR. BERGMAN: The new director.  
8 MR. GALLOWAY: She was the deputy director.  
9 MS. McKELVEY: Yeah.  
10 MR. BERGMAN: Yeah.  
11 MR. GALLOWAY: Now she is the director.  
12 MS. McKELVEY: The director as of  
13 September 1.  
14 I think I talked about the 2016 Emergency  
15 Response Guide Books have all -- have been disbursed  
16 throughout the state. I have a few, very few copies  
17 left. And they have to last me until the next  
18 printing, which will be 2020. We did a really good  
19 job I think of getting them out there this year.  
20 The one problem I have is that some of our directors  
21 aren't disbursing them to our local fire  
22 departments, our rural fire departments. I'm  
23 receiving calls from a lot of them saying I didn't  
24 get mine.  
25 So 2020 we're going to try to come up with a

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1 little different plan to make sure that all the fire  
2 departments know and all the EMS and law  
3 enforcement, et cetera, know about --  
4 MR. GALLOWAY: I do all three?  
5 MS. McKELVEY: Yeah.  
6 MR. GALLOWAY: Just every vehicle --  
7 MS. McKELVEY: You need to make sure --  
8 MR. GALLOWAY: Every responder vehicle in  
9 my county has them.  
10 MS. McKELVEY: Uh-huh. Well, they are  
11 supposed to. But I have a few --  
12 MR. GALLOWAY: And now the personal  
13 vehicles --  
14 MS. McKELVEY: -- counties that that is not  
15 happening.  
16 MR. GALLOWAY: -- have it. They have  
17 the -- they don't want the kind that --  
18 MS. McKELVEY: Right.  
19 MR. GALLOWAY: 2016s, they've got it,  
20 county and city vehicle.  
21 MS. McKELVEY: Uh-huh.  
22 MR. GALLOWAY: The 2012 is in their  
23 personal vehicles.  
24 MS. McKELVEY: Oh, okay. Very good use of  
25 both.

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1 So anyway, come 2020, we're going try to come up  
2 with a better way to get the word out where they can  
3 pick up their books. And if anybody has any ideas,  
4 I would appreciate it.  
5 MR. GALLOWAY: I have found that the under  
6 30 crowd, or anybody that has a smart phone, which  
7 is getting now almost everybody.  
8 MS. McKELVEY: Uh-huh.  
9 MR. GALLOWAY: They like the WISER or the  
10 ERG electronic.  
11 MS. McKELVEY: Uh-huh.  
12 CHIEF DOKE: The apps?  
13 MR. GALLOWAY: Either one. Yeah.  
14 MS. McKELVEY: Yeah.  
15 MR. GALLOWAY: I appreciate you saying  
16 under 30 or younger. I'm not there yet, but I got  
17 it --  
18 MS. McKELVEY: You had to think now.  
19 MR. GALLOWAY: And they promote the apps in  
20 the -- on the training classes.  
21 MS. McKELVEY: Do they? Good. Well,  
22 that's good.  
23 MR. GALLOWAY: Yeah, there's all the  
24 younger firefighters and first responders. They  
25 like their --

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1 (Many people talking over each other)  
2 MR. GALLOWAY: Say, "Here's your app.  
3 Download it, it's free.  
4 MS. McKELVEY: Right.  
5 MR. GALLOWAY: And you'll always have it on  
6 your phone. They'll just have their phone with it  
7 on there.  
8 MS. McKELVEY: Right there.  
9 MR. GALLOWAY: Yeah.  
10 MS. McKELVEY: And that's probably where  
11 we're going. I haven't heard any word whether they  
12 are even going to do another training with 2020 yet.  
13 Except they put out a survey, I don't know, about a  
14 month ago, you know, asking who the point of  
15 contact. So I'm assuming it will happen, but I  
16 don't know for sure.  
17 Because I'm sure that's not -- well, the books  
18 retail for \$11 each. The state receives over 35,000  
19 for no cost to the state.  
20 Okay. The commodity flow study that's being  
21 supported by HMEP funding through OEM for OSU  
22 Engineering is making great progress.  
23 And, Tom, you may know a little more about that,  
24 what the status is of that than I do. You have a  
25 better understanding of --

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1 MR. BERGMAN: Well, I think they wanted to  
2 split it into a small, medium, and large group to  
3 send out the survey. So they did a small group to  
4 start with, like six facilities, to test its  
5 networks. And then they did about 30 in the next  
6 batch. And they are currently on a batch with about  
7 200. And then the last batch will be sent out  
8 pretty quickly.

9 They did have some issues they thought with  
10 effective responder -- responses, not responders,  
11 but enough people replying to the survey. And I've  
12 provided them a little assistance by contacting some  
13 of those folks.

14 But I think the response rate is well over 50  
15 percent. And any time you do a blind survey like  
16 that, over 50 percent response is pretty darn good.  
17 I think we're going to do better than that. We've  
18 got a meeting upcoming.

19 MS. MCKELVEY: Uh-huh.

20 MR. BERGMAN: Finally and get to look at  
21 some of the results and see how we're doing, you  
22 know. What are we getting for information and how  
23 can it be utilized and what's its value, you know.  
24 I don't know yet.

25 But I think it will all be done. I was going to

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1 suggest to Cliff and the group that perhaps we have  
2 them on the agenda for the December meeting. They  
3 should have some significant results. Maybe not all  
4 the analysis, but at least the raw --

5 MS. MCKELVEY: Okay.

6 MR. BERGMAN: -- numbers by then. Maybe  
7 we'd like to take a look at that as a group.

8 MS. MCKELVEY: Right. I think that's a  
9 good idea.

10 I want to thank Tom. Once he became involved,  
11 things kind of moved a little quicker once you --  
12 they knew that he had the CAMEO product and had a  
13 lot of the information, they didn't have to go out  
14 and try to find themselves. Because they really  
15 didn't know where to look. This is the first of its  
16 kind type of commodity flow that's been done ever.  
17 Don't you -- that we know of.

18 MR. BERGMAN: Yeah.

19 MS. MCKELVEY: And they've -- it's been  
20 talked about in other state meetings and a lot of  
21 interest there. So hopefully this will be a model  
22 for other states once we get it up and going, which  
23 may be another year or so. I'm kind of excited  
24 about that.

25 MR. BERGMAN: Yeah.

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1 MS. MCKELVEY: It's a good product if we  
2 can just get the response. And then again, Tom  
3 helps with that because when they send that -- when  
4 he sends out something to the service with his name  
5 on it and DEQ's name on it, it gets their attention,  
6 so that's a good thing.

7 MR. GALLOWAY: It's been very helpful.  
8 Well, a lot of times at least handing it to the  
9 right person.

10 MS. MCKELVEY: Yeah.

11 MR. GALLOWAY: You know, you get something  
12 in the mail and they hand it to a logistic person.  
13 And he doesn't know what they are asking.

14 You hand it to the guy who does the requirements  
15 for the company, and he understands what he's being  
16 asked.

17 MS. MCKELVEY: Right.

18 MR. BERGMAN: Well, we did email to the  
19 listed Tier 2 information contact, so that's a big  
20 step in the right direction. Whomever is listed as  
21 that, should be a person who understands how you get  
22 and ship hazardous materials. That's not always the  
23 case. But I had a number of phone calls, Matt's had  
24 a few. A lot of the phone calls where they just  
25 couldn't quite understand what we were trying to get

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1 at. You know, we get to explain a little bit what  
2 we're trying to get at.

3 And some of them were about the actual mechanics  
4 of operating -- it's an online survey instrument.  
5 We just have to refer to OSU because I don't how  
6 they are -- they've programmed the whole thing.  
7 It's not a Survey Monkey sort of thing. They did  
8 some slick programming.

9 And it would be interesting for me to see what,  
10 if any, kinds of results can be generated from it.  
11 But the very base -- or very basic, the most basic  
12 goal was can we integrate or coordinate information  
13 about fixed facility HAZMAT materials and  
14 transportation of HAZMAT materials.

15 Because traditionally those two universes don't  
16 meet at the regulatory level. All the fixed  
17 facility is regulated by people like PSM, EPA, so  
18 forth. And all the transport is regulated by people  
19 like, you know, USDOT, and they just don't -- the  
20 information doesn't match at all.

21 But if you are the local fire chief or a local  
22 first response unit, it's all the same to you. You  
23 don't care if it's coming off a truck or coming out  
24 of a facility, it's HAZMAT in your universe, in your  
25 world.

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1 So we're trying to just figure out some way, if  
2 we can, to start to process of -- or improve the  
3 process of integrating those information sources at  
4 the regulatory level so that we can provide it to  
5 people in a coordinated format.  
6 MS. MCKELVEY: Thank you, Tom.  
7 That's all I have for now. Any questions from  
8 anyone?  
9 MR. HOYLE: All right. Thank you,  
10 Ms. Bonnie.  
11 The next item, for DEQ data I've asked Kristen  
12 and Matt, who work here at DEQ, to prepare our  
13 report and a visual representation here so we can  
14 see a little bit. And they have created something  
15 here that I think is pretty interesting.  
16 So Matt and Kristen.  
17 MR. WORMUS: Do you want to hit the lights  
18 and --  
19 MR. BALDRIDGE: Yeah, in fact we were in  
20 here for a meeting this morning. If you open those  
21 up a little bit and actually -- well, that's  
22 probably fine.  
23 MR. WORMUS: All right. Okay. As we  
24 decided, well, this is the data management report.  
25 This month we decided to do something more

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1 interactive instead of just the data on a sheet of  
2 paper. Something that you could see or something  
3 that we could send to you so you can take it home  
4 and you can play around with it some more. So this  
5 is the data management.  
6 The first thing, the update for Tier II  
7 reporting. Total, 51,326. And then -- once it  
8 loads. So if you were taking this home again and  
9 playing it, and you want to see, "Oh, there's the  
10 extremely hazardous substance, 1,278. What's that  
11 distribution?" With this handy tool, you come here  
12 and check the EHS box that pops up, and then you  
13 could see now the distribution of those sites across  
14 the state.  
15 Or for the wind turbines, the same sort of  
16 thing. You would see -- you could see the farms as  
17 they pop up across the state.  
18 But again, for this past year, up until the  
19 first of August, the total we have for the state,  
20 51,326, which is a little down from last year, but  
21 that's due in part to the sale of oil and gas  
22 facilities that were sold off. And then whoever  
23 they were sold to hasn't filed that Tier II or the  
24 company selling it hasn't informed us that they were  
25 sold off.

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1 CHIEF DOKE: Matt, could you put your  
2 cursor over one of the icons. Does that bring up  
3 that individual data?  
4 MR. WORMUS: Yes, exactly. So it's set up  
5 so if you wanted to, I'll go back to EHS, and you  
6 wanted to zoom in on a facility in Oklahoma City,  
7 it's one of those things where it won't have  
8 everything from that site.  
9 CHIEF DOKE: Yeah.  
10 MR. WORMUS: But it will tell you the name.  
11 So like that one right there, it pop up the  
12 name. That's a Southwestern Bell tower. But if you  
13 have your -- but if you have your Tier II submitter  
14 or your CAMEO now, you can -- you have that name so  
15 you can type it in and pull up their entire Tier II.  
16 CHIEF DOKE: Okay.  
17 MR. WORMUS: So it's one of those things --  
18 yeah. So --  
19 CHIEF DOKE: I'm strictly visual.  
20 MR. WORMUS: Yeah.  
21 CHIEF DOKE: So this is --  
22 MR. WORMUS: Awesome. Good.  
23 CHIEF DOKE: Making all kinds of sense to  
24 me today.  
25 MR. WORMUS: Awesome. Wonderful. And that

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1 was the plan.  
2 Yeah, so -- yeah.  
3 MR. BERGMAN: And we have an online tool --  
4 MR. WORMUS: Yes.  
5 MR. BERGMAN: -- and have for about five  
6 years that does this same thing.  
7 CHIEF DOKE: Okay.  
8 MR. WORMUS: Yes. Yep.  
9 MR. BERGMAN: That you can go to the DEQ  
10 web page and it --  
11 MR. WORMUS: Yes.  
12 MR. BERGMAN: -- will show you all of the  
13 Tier II's for the state.  
14 CHIEF DOKE: Okay.  
15 MR. WORMUS: Okay. And the only difference  
16 between that web app that Tom's talking about and  
17 this, is that one, it's every point in Oklahoma is a  
18 dot.  
19 MR. BERGMAN: Yeah.  
20 MR. WORMUS: But on this one you can see  
21 the breakdown. So if you just want to see the  
22 extremely hazardous or facilities under risk  
23 management plans, you can just check that box and  
24 then see specifically where those sites are, instead  
25 of seeing the entire 51,000 facilities across the

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1 state. So that's -- so that's the Tier II.  
2 I'll let Kristen -- this is the next one.  
3 MS. BLISS: So we collected 67 out of the  
4 77 counties total for MOAs for this year. And I'm  
5 sure most of you are familiar with what an MOA is.  
6 But if not, the MOAs are simply just like a formal  
7 understanding between the LEPCs and the DEQ. Since  
8 the DEQ is basically a repository of Tier II data,  
9 we distribute that to the LEPCs. And then the MOA  
10 is the understanding that the LEPCs will then  
11 distribute that data to the volunteer and paid fire  
12 departments within their respective jurisdictions.  
13 So we like to collect the MOAs each year to make  
14 sure that we are keeping track of, you know, the  
15 current safety LEPCs, making sure that they are  
16 active, making sure that those, the Tier II data,  
17 are getting to, you know, the first responders that  
18 they need to be going to.  
19 MR. GALLOWAY: Let's clarify an assumption  
20 there.  
21 MS. BLISS: Okay.  
22 MR. GALLOWAY: Because I sign that MOA with  
23 DEQ.  
24 MS. BLISS: Uh-huh.  
25 MR. GALLOWAY: And there's a box that says

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1 I agree to be the central depository of that  
2 information.  
3 MR. HOYLE: For your county.  
4 MS. BLISS: For your county.  
5 MR. GALLOWAY: For my county, yes.  
6 And then I tell the first responders I have that  
7 information. If in fact the facility or a system  
8 went to a first responder and says, "Do you have  
9 that information?" They are going to say no.  
10 MS. BLISS: They would come to us.  
11 MR. GALLOWAY: Because they have to report  
12 back to me or to DEQ.  
13 MS. BLISS: Yeah, if a citizen ever came  
14 and asked for it, then you could always direct them  
15 to us and we could give them the information to make  
16 a formal request for that.  
17 MR. GALLOWAY: Now, I'm trying to make it  
18 user friendly. I have it on my two devices, which  
19 I'm asking to be updated today in fact. But I turn  
20 around and buying the fire guys tablets so they can  
21 have it on their -- they will have it right in front  
22 of them. And so -- but not all my fire departments  
23 have bought a tablet yet.  
24 Now, when they hear about Collector from the  
25 fire side or forestry side, now they are buying more

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1 iPads to get the Collector app, which helps them  
2 with the upmatics.  
3 I like Geosafe because I can see all of my first  
4 responders on one map. So I can see OHP, sheriff,  
5 fire, EMS, and I can see where they are at.  
6 But the same iPad can keep this data that you  
7 are collecting and show them all the hazardous  
8 material --  
9 MS. BLISS: Absolutely.  
10 MR. GALLOWAY: -- on the same HSRA map or  
11 whatever you download it.  
12 So it's getting there, but not all of the local  
13 responders have that information. If you were to  
14 ask them what's that CODaC, all my first responders  
15 would not necessarily know.  
16 They know to come to me if they see a --  
17 MS. BLISS: Right.  
18 MR. GALLOWAY: -- fire there because they  
19 want to know what's in there. But it's -- I --  
20 MR. HOYLE: And you tell -- and when you  
21 distribute, that's the intent is they can come to  
22 you and you can distribute it to people who you know  
23 should have that information.  
24 MR. GALLOWAY: Right. I used to go to the  
25 incident commander at the point and give him

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1 whatever he needs. I give the EM thing, support and  
2 coordinate.  
3 But it's not -- if I live in Elk City and the  
4 fire is in Weatherford and the fire chief is like 10  
5 seconds away from CODaC and I'm 30 minutes away, I  
6 like to get it where the guy that showed up in 10  
7 seconds has it as well. And we're not quite there  
8 yet.  
9 So we're working towards it. I mean the intent  
10 is that the first responders know what's in their  
11 backyard. Community right to know.  
12 But it's -- this much data in the hand of a  
13 volunteer fire department, they just -- it looks  
14 like a deer in the headlights. And so you've got to  
15 make sure it gets to someone that will use the  
16 information like an incident commander.  
17 MS. BLISS: Absolutely.  
18 MR. GALLOWAY: So that's where we're at  
19 right now. In Custer County, not all the counties.  
20 MS. BLISS: Well, thank you for that. I  
21 mean you might -- if they are having trouble keeping  
22 up with, you know, I guess maybe a way for them to  
23 reasonably store that data and have it at their  
24 fingertips when they need it, you may apply for an  
25 equipment grant this next year and buy them some

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1 tablets.

2 MR. GALLOWAY: We're working on that. And

3 on the same process, I don't -- I was thinking this

4 on the way up to this meeting. How many counties

5 touch a county in another state? Do we have access

6 to their stuff?

7 MR. BERGMAN: We do. Several years ago,

8 for a period of three years, I collected all the

9 adjacent state Tier II and put it into CAMEO. You

10 know, Kansas, Arkansas, and Texas.

11 I did that for about three years. I never got

12 any --

13 MR. GALLOWAY: Requests.

14 MR. BERGMAN: -- feedback that they loved

15 it, they hated it. They used it, they didn't use

16 it. And that required --

17 MR. GALLOWAY: A lot of work.

18 MR. BERGMAN: -- me to, you know, integrate

19 with my neighbors, which was fine, but they all have

20 their own schedules.

21 And I can get that information any time. I know

22 all the guys and they will give it to me. What I

23 was trying to do was get a 10-mile envelope or, if

24 you will, buffer zone. Anything within 10 miles of

25 the state border.

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1 So we can. I absolutely can get it and provide

2 it to you.

3 MR. GALLOWAY: I was thinking about first

4 responders. You know, the fire districts --

5 MR. BERGMAN: Well, it would have to go

6 into the same delivery systems that we have now. So

7 they would give the Google Earth file of it or a

8 CAMEO file of it, either one.

9 I don't think currently, without some sort of

10 memorandum of agreement between us and the other

11 states, that we could have a web tool. It's not our

12 data, it's their data.

13 MR. GALLOWAY: Yeah.

14 MR. BERGMAN: And absent a formal

15 agreement, I'm not sure they would do that. But

16 they are perfectly happy to give it to us to include

17 for delivery to the LEPC.

18 MR. GALLOWAY: The Joplin tornadoes, an

19 incident --

20 MR. BERGMAN: Yeah.

21 MR. GALLOWAY: -- that I was thinking

22 about.

23 MR. BERGMAN: Exactly.

24 MR. GALLOWAY: And a lot of our responders

25 went there.

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1 MR. BERGMAN: Yeah.

2 MR. GALLOWAY: And it would have been nice

3 if we weren't walking into something we didn't know

4 about.

5 MR. BERGMAN: The one place that really

6 does have some cooperative data sharing is

7 southeastern. But now that Michael Davidson left

8 Leflore County, I don't know if that's still in

9 place or not. But basically they are all relying on

10 Fort Smith HAZMAT to be their HAZMAT response. By

11 far the closest competent, you know, full-time team.

12 MR. GALLOWAY: Trained team.

13 MR. BERGMAN: Trained team.

14 They were sharing data. I was given a -- our

15 data to Fort Smith fire and they were reciprocating

16 and providing their three counties that border done

17 there to Leflore and McCurtain and Sequoyah County.

18 I don't know what the status of that is.

19 But we can always get it. If somebody wants it,

20 we can certainly make a couple of emails and we're

21 going to get the information.

22 MR. GALLOWAY: At least get it to the

23 state, you know.

24 MR. BERGMAN: We can.

25 MR. GALLOWAY: State to state type stuff.

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1 MR. BERGMAN: We can.

2 MR. GALLOWAY: If it's something really

3 big, and not only do we have a tornado, but we have

4 the large HAZMAT incident at the same time that --

5 MR. BERGMAN: I will tell you I'm just not

6 getting requests for it particularly, or feedback

7 when I was providing it particularly. Not much.

8 MR. GALLOWAY: That's just my two cents.

9 MS. BLISS: All right. Well, so 67 MOAs

10 out of the 77 counties.

11 Moving forward, in exchange for distributing the

12 Tier II data to first responders, we do like to try

13 to help with that and try to facilitate an active

14 LEPC so we give out a thousand dollars each year to

15 LEPCs that have a current MOA on file with us. All

16 they have to do is fill out a payment application.

17 And so out of the 77 counties, or if you want to

18 think about it the 67 MOAs that we had on file, 58

19 received -- or 58 turned in a payment application,

20 and then we actually had three declined payments, so

21 we ended up paying out about 55,000 in grants to

22 LEPCs for distributing that Tier II data for us in

23 2018.

24 MR. GALLOWAY: And I am using that money --

25 MS. BLISS: Well, yeah, you just have to --



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1 MR. GALLOWAY: -- to buy tablets with.  
2 MS. BLISS: Good.  
3 MR. GALLOWAY: It buys two.  
4 MS. BLISS: Lord.  
5 MR. WORMUS: You could use this money.  
6 MS. BLISS: Yes. This money you can buy it  
7 and get more.  
8 MR. GALLOWAY: Yeah.  
9 MS. BLISS: So for the fiscal year of 2018,  
10 we were able to distribute the equipment  
11 reimbursement grants to LEPCs to facilitate the  
12 purchase of either training or equipment for  
13 hazardous materials response.  
14 This year we had a cap of \$3,000 per grant. We  
15 ended up giving out 19 of those. If --  
16 Matt, if you want to -- yeah, if you mouse over  
17 some of those counties, it kind of tells you what  
18 people were buying with that money.  
19 MR. WORMUS: Yep.  
20 MR. GALLOWAY: What happened to Cimarron  
21 County?  
22 Oh. Okay.  
23 MR. BALDRIDGE: It is shrunk there.  
24 MR. WORMUS: It's screen size.  
25 MR. BALDRIDGE: Yeah, it's not --

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1 MR. WORMUS: But yeah --  
2 MR. HOYLE: Okay. The computers and  
3 tablets are a popular item. So --  
4 MR. WORMUS: Yes.  
5 MR. GALLOWAY: Well, basically I want to  
6 get a tool that the first responder will use. You  
7 know, I tried to buy them computers and they leave  
8 the computer at the office.  
9 Well, they will take the tablet in the truck  
10 with them. And so -- and the phones. You know, we  
11 talked about the apps on the phones. They always  
12 have their phone with them.  
13 MR. WORMUS: All right.  
14 MS. BLISS: Yeah, and that was the total of  
15 funds that we used from the hazardous waste penalty  
16 fund to facilitate the paying of those grants.  
17 MR. WORMUS: All right. And then on the  
18 next one, everything that Bonnie talked about, this  
19 is about the conference next week or about the  
20 Region 6 LEPC workshops, it's just of -- just  
21 another slide for that information, along the same  
22 line of having everything that you can see and  
23 click.  
24 If you are curious about going to the one in  
25 Alva, if you click on the point right above Alva, it

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1 will tell you the date, its location, and the  
2 address of that spot too.  
3 So it's just another -- so this is everything  
4 that Bonnie talked about. The Region 6 workshops,  
5 21st, 22nd. Then 27th through the 29th. And then  
6 Kristen and myself will also be the Emergency  
7 Manager's Conference next week passing out CAMEO  
8 data. And Tier II data. We'll be collecting the  
9 new MOAs for FY 2019. Updating our LEPC contacts.  
10 So we'll be out there, as we usually are, to answer  
11 questions and pass out updated data. So --  
12 MR. HOYLE: You know, Mike, you can get a  
13 jump start on signing your MOA.  
14 MR. WORMUS: Yep.  
15 All right. And then last, but at least just  
16 another update on CAMEO. Tom Bergman facilitated  
17 over 30 CAMEO classes last year across the nation,  
18 which is fantastic.  
19 MR. BERGMAN: The nation.  
20 MR. WORMUS: In the nation. Yes.  
21 Everything got updated from CAMEO from last year.  
22 And then the only upcoming class October 1st and 2nd  
23 in Davis.  
24 MR. HOYLE: Is that open to everybody, Tom,  
25 that October class?

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1 MR. BERGMAN: The answer is yes.  
2 MR. HOYLE: All right. Any discussion or  
3 questions for Matt or Kristen or any of the -- for  
4 our Tier II data?  
5 MR. GALLOWAY: That was great for me.  
6 CHIEF DOKE: Yeah, I'm purely visual, so if  
7 you can put it on paper, I'll read and look at it.  
8 But this is great.  
9 MR. HOYLE: We're going to send that link  
10 out, right, Matt?  
11 MR. WORMUS: Yes.  
12 MR. HOYLE: Yeah, we'll send that link out.  
13 MR. WORMUS: Yep, yep.  
14 MR. GALLOWAY: And I like maps.  
15 MR. WORMUS: And all of these maps are  
16 fully interactive, so you can come through and you  
17 can click on counties in all of those. So --  
18 MR. HOYLE: And if you have suggestions or  
19 want to see something new, we can work on --  
20 MR. WORMUS: Yep.  
21 MR. HOYLE: -- in the future. Drop an  
22 email to Matt or Kristen about that as well.  
23 MR. GALLOWAY: Where the spills are. You  
24 know, like whoever calls -- you guys --  
25 (OFF THE RECORD)

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1 MR. GALLOWAY: Does DEQ map where all the  
2 spills happen?  
3 MR. HOYLE: Map them? No.  
4 MR. WORMUS: No.  
5 MR. BERGMAN: No.  
6 MR. WORMUS: We have a database of the  
7 spills.  
8 MR. HOYLE: We do have a database of  
9 spills.  
10 MR. WORMUS: Yeah, yeah. We have a  
11 database. But we looked at that a while ago and  
12 some of the locational data is kind of --  
13 MR. BERGMAN: Iffy.  
14 MR. WORMUS: -- iffy.  
15 MR. GALLOWAY: The reason I was -- similar  
16 to what OHP does with the frequency of accidents.  
17 MR. WORMUS: Uh-huh.  
18 MR. GALLOWAY: You know, they look at  
19 intersections where people keep getting killed at.  
20 MR. HOYLE: Right.  
21 MR. GALLOWAY: Well, similar to HAZMAT --  
22 MR. BERGMAN: You're segueing into the next  
23 topic.  
24 MR. GALLOWAY: Segment? Okay.  
25 MR. HOYLE: Don't steal his thunder.

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1 MR. GALLOWAY: That's all right.  
2 MR. BERGMAN: No, that's okay. I don't  
3 have any thunder. You can have all of that.  
4 MR. HOYLE: Well, let's just -- for our  
5 next agenda item, Mr. Bergman.  
6 MR. BERGMAN: So -- and let's just pick up  
7 where Mike was going there. One of the things that  
8 I've undertaken the past few years to acquire is  
9 real data or information about HAZMAT that might not  
10 be within the EPCRA statute. And there's lots of  
11 it. But it comes from all kinds of different  
12 sources and it's -- there's nobody I'm aware of  
13 attempting to put this together in any single tool.  
14 So when I'm at conferences and national forums  
15 and regional forums and folks want to talk about,  
16 oh, we need to get this piece of information to LEPC  
17 or this information to the fire department or this  
18 information to the emergency responders, one of the  
19 things I will always note, and it gets me kicked out  
20 of polite meetings, is that the information is fine,  
21 but you need to think about the format. Because if  
22 I'm a first responder and I've got to look 12 places  
23 to get information, you can hang it up. I am not  
24 going to look at 12 places. So the way that you  
25 deliver such information is as important as the

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1 information itself.  
2 In our state, we've been using CAMEO to do it  
3 for a long time. Mike wanted to talk about accident  
4 data. So the keepers of HAZMAT collision data on  
5 highways is ODOT. And they don't publish that  
6 anyplace that I know of, but they do have an officer  
7 over there who has it and I get it from him. I have  
8 been supplying these, so we have one -- I started in  
9 2014, so they gave me data from 2007 to '14 and I  
10 got '15 and '16. And it says 2018, but these are  
11 really 2017.  
12 So what this information gives you is there was  
13 an incident or a collision on a highway that a state  
14 trooper responded to. That's how you get in the  
15 database. And it has to have either death, injury,  
16 evacuation, or more than 50 -- no, not for these.  
17 I'm sorry. That's for the pipeline.  
18 To get in here, the trooper writes down on the  
19 accident report if any vehicle in the event was  
20 placarded. And he was supposed to record the hazard  
21 class, although in some cases they neglect to do  
22 that.  
23 So just like Mike was suggesting, I thought,  
24 well, maybe this would be information and an LEPC or  
25 an emergency management office could use to review

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1 what kind of incidents are happening on their  
2 roadways and at least a little bit of the nature.  
3 One of the provisos here, though, is this  
4 information does not mean there was a release. It  
5 just means one of -- one or more of the vehicles  
6 involved had a HAZMAT placard. And as no surprise,  
7 most of them are flammables. Right? I don't think  
8 any of us in the room would be surprised that most  
9 of the collisions that involve a HAZMAT vehicle  
10 would be something with a flammable.  
11 But you can see there are others. There's  
12 corrosives, there's explosives, radioactives. We  
13 have this information available. Happy to provide  
14 it. It will be in MARPLOT CAMEO format, unless you  
15 just want us to give it to you as a spreadsheet.  
16 This will not be available on the internet from us  
17 any time now or in the future that I could see.  
18 Because the keepers of that information is ODOT.  
19 They would have to do that.  
20 And but they are happy to turn it over to us so  
21 we can integrate it. So we can look at what  
22 collision data was out there and see if it matches  
23 or agrees or disagrees or is integrated with the  
24 other kinds of information you have.  
25 For pipelines, the keepers of the data are

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1 PHMSA. Is everybody familiar with PHMSA? So that's  
2 a USDOT group again, so we are talking about DOT.  
3 And they have provided from 2010 to 2018 all of the  
4 various incidents. Now, these are incidents. And  
5 to get into this database, you have to either have  
6 the death, the injury, the evacuation, or the  
7 \$50,000 in property damage.  
8 So let's go ahead. I'll -- for the time being,  
9 I'll turn off the highway HAZMAT data and we'll just  
10 look at the pipeline stuff.  
11 And you get an enormous amount of information  
12 when you click on one of these. I think there's  
13 something like 260 separate data fields. And it's  
14 absolutely insane how much information that they  
15 force or require the pipeline operators to submit.  
16 So if that's useful for any of our folks in  
17 Oklahoma, we're happy to provide it to you. And we  
18 can give it to you in the form we get it, which is  
19 spreadsheets. Or we can put it into this MARPLOT  
20 format so you can have it along with other data.  
21 Otherwise, you are stuck looking at this website for  
22 PHMSA data and you are stuck looking at this website  
23 for ODOT data and you are stuck looking at this  
24 website over here for somebody else's data and this  
25 one over here for railroads. And nobody puts that

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1 all in one piece.  
2 Does that make sense to everybody?  
3 MR. GALLOWAY: Well, the one piece part is  
4 what I was asking about because --  
5 MR. BERGMAN: It isn't.  
6 MR. GALLOWAY: -- everything -- all the  
7 federal agencies are going to community response.  
8 So they don't care if it's EPA, DOT --  
9 MR. BERGMAN: Correct.  
10 MR. GALLOWAY: -- or NRC, the nuclear NRC,  
11 they want to know, you know, whose -- what's the  
12 HAZMAT and what school or what community is being  
13 affected by it.  
14 MR. BERGMAN: I agree. But they don't  
15 format that in a format that I've seen like we can  
16 do it here. Because now we can look at Tier II  
17 reports, accident data, sensitive locations all on  
18 one map. And I'm -- if there's -- if there's an  
19 integrated place as to that, I sure haven't found  
20 it. There isn't as far as I know.  
21 So that's part of the goal is to try to collect  
22 information that might be of use and be somewhat  
23 associated with EPCRA data in the first place.  
24 Okay?  
25 So we have -- and when we find other things,

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1 these are the national pipeline mapping service  
2 pipelines. And again, that's something you can go  
3 online and look at, but it won't show you online the  
4 pipelines and the incident data in the same place.  
5 They are in two different places. They don't show  
6 them on one map.  
7 So if you want to use the CAMEO product to do  
8 that, and we can provide these, by the way, as  
9 Google Earth files. So you can use them as Google  
10 Earth if you prefer. Okay?  
11 Anything that we see up here in MARPLOT, we can  
12 extract and put into a Google format for you. And  
13 it is interesting sometimes to just look -- here is  
14 Mike's county. Okay. Who are my pipeline, at least  
15 my major pipeline operators and what kind of  
16 incidences occurred there over the past 10 years.  
17 And that's what you would have.  
18 Now, the pipeline information that we acquire  
19 and manipulate into the program includes a contact  
20 person, phone number, and email of the pipeline.  
21 And we load that up for people if they ask for it.  
22 Now, granted, you have to -- and we try to  
23 explain this to people. These are transmission  
24 pipelines only. This is not going to solve all your  
25 questions. It's not going to answer where there's a

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1 abandoned pipelines. It's not going to answer where  
2 there are gathering systems. It's not going to  
3 answer where there are distribution systems. These  
4 are strictly transmission lines, but it is the same  
5 thing you would get if you went to the USDOT and  
6 looked on their website. No difference between  
7 their data and this that's -- we get it from them  
8 and it's the same data.  
9 I was explaining this --  
10 So anything that you guys had any thoughts about  
11 on that? We've been doing those for several years  
12 now. And we supply them to people and whether they  
13 use it or not, I have no idea.  
14 I do know the pipeline data has come in handy a  
15 few times. The accident data, I've never had  
16 anybody come back to me and say, "Boy, I'm glad you  
17 gave me that." So I don't --  
18 But it's not too much work for us to get it and  
19 distribute it to those who want it.  
20 We had -- undertook this summer a couple of  
21 different projects. The first one I'll show you is  
22 radioactive. So I've talked to several people this  
23 summer who said, "Boy, I wish I knew where all the  
24 radiation places were."  
25 Well, DEQ licenses those, so we do have a list.

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1 But the information that's available about those  
2 locations is very, very strict. There's not much  
3 information they will release that they are able to  
4 release.  
5 But we do have this available. Again, it's in a  
6 CAMEO format. But if you wanted it in a Google  
7 format, we could do that.  
8 All of these symbols on the map are locations  
9 that hold a license -- what's the right word for  
10 that? Radiographer license? Or --  
11 MR. HOYLE: Radiographer is the title of  
12 the license.  
13 MR. BERGMAN: Yeah.  
14 MR. HOYLE: So it's just a radioactive  
15 license.  
16 MR. BERGMAN: This does not mean, and we  
17 have to be careful to explain to people, this does  
18 not mean that these guys are holding vast quantities  
19 of radioactive materials. In fact, the vast  
20 majorities would be very small quantities that are  
21 used in equipment or used for medical purposes.  
22 Most of the database involves the medical  
23 locations and frankly oilfield --  
24 MR. HOYLE: Pipeline radiographers, right?  
25 MR. BERGMAN: Pipeline oilfield kind of

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1 things.  
2 But it is there. We're happy to give this to  
3 the LEPCs and you guys can do whatever you want to  
4 with it.  
5 But again, we think that it's important. I  
6 could just give you a spreadsheet, but we want to at  
7 least try to integrate the information into a single  
8 tool for you so it's all in one spot.  
9 What we're not going to be able to do, at least  
10 now, is put it on some web page somewhere. Okay?  
11 That ain't going to happen. We can give it to you  
12 as a Google file and you can carry that around on  
13 your iPad or your tablet. We can give it to you in  
14 CAMEO. You can carry it around on a laptop. But --  
15 MR. GALLOWAY: But not --  
16 MR. BERGMAN: There's no way they are going  
17 to let us put this on the web.  
18 MR. GALLOWAY: 99 percent of those aren't  
19 even a threat for --  
20 MR. BERGMAN: They are not.  
21 MR. GALLOWAY: -- what we call dirty bombs.  
22 MR. BERGMAN: No, they are not.  
23 THE WITNESS: The sources are so small.  
24 MR. BERGMAN: I agree.  
25 MR. GALLOWAY: It's a dentist's office

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1 or --  
2 MR. BERGMAN: Here's the question. If I'm  
3 a first responder and I have to go to Standard  
4 Engineering Testing, is it important for me or would  
5 I like to know that they -- there's some possibility  
6 to have some radioactive material. I don't know how  
7 much. I don't know if it's alpha beta gamma. I  
8 don't know what it's used for.  
9 The question is, should -- would it be useful  
10 for them to be able to pull that up and see that.  
11 And if it's in one tool, I could also look and see  
12 did any of these report a Tier II. Because if they  
13 did, then they are going to be right on top of each  
14 other, right?  
15 Now, I am able to -- we have not done this. I  
16 am able to actually include the radiography  
17 information into Tier IIs. But what I find out when  
18 I looked at the spreadsheet on that -- huh-oh.  
19 MR. GALLOWAY: Huh-oh.  
20 MR. BERGMAN: It will blow up on me.  
21 That there weren't a whole lot of them that also  
22 had Tier II reports.  
23 Okay. Let me get the right one here. These are  
24 the lists. So in the state there are 430 locations  
25 that hold such a license. Doesn't mean they all

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1 have a bunch of radioactives. In fact most of them  
2 don't. And of those, only 70 also have a Tier II  
3 report.  
4 So including that in the CAMEO Tier II report  
5 part of it, I wasn't sure was going to be as  
6 effective as I would like. Because this is --  
7 that's a pretty small total percentage.  
8 But I can do that, with the ultimate goal being  
9 when I go to a MARPLOT map -- whoops. I have to  
10 relaunch MARPLOT. And I see something on the  
11 MARPLOT, I can click on it and get a list of all the  
12 different possible hazards that could be there.  
13 That would be the ultimate goal.  
14 And I'm certainly not there. I don't know if  
15 you can ever get a hundred percent. But we are  
16 trying to amass as much as possible, and we keep  
17 adding to it as we find other things so that someone  
18 could just go to the map, click on there and find  
19 out, okay, do they have a Tier II report? That  
20 means again I have a chemical inventory.  
21 Are they a radiological site? That means  
22 somewhere they have got some radioactives.  
23 And the biggest one we have -- I have been  
24 working on for the last couple of months is  
25 hazardous waste. Because hazardous waste is not

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1 covered under Tier II and EPCRA, so people don't  
2 turn in on a Tier II report whether or not they have  
3 hazardous waste. Which that's neither here nor  
4 there from the regulatory standard, I guess. But as  
5 a person, I find that frustrating.

6 I want to be able to also know, as part of a  
7 chemical inventory that we're looking at, Curtis an  
8 old HAZMAT guy here, I mean if you are going to pull  
9 up an inventory, you would kind of like to see what  
10 all is in there. And that could include  
11 radioactives, which would not be on a Tier II  
12 report. It could include waste, which would not  
13 been on a Tier II report. Agreed?

14 MR. DRISCOLL: Agreed.

15 MR. BERGMAN: So what I did was I surveyed  
16 all these folks and we found out there were about  
17 300 listed what we call large-quantity generator, as  
18 opposed to a small-quantity generator, or a  
19 very-small-quantity generator.

20 And the one thing that would be outstanding  
21 about a large-quantity generator is you would expect  
22 365 days a year they would have some hazardous  
23 waste. Whereas the very small and the small, not at  
24 all.

25 So we took a look at and said okay. Just this

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1 universe of 300 sites, about half of them turned out  
2 they are already reporting Tier II, and it turns out  
3 about the other half, nobody cares about from the  
4 response side. Because either it's a temporary  
5 location where they are like painting bridges and  
6 they have to dispose of the paint using the  
7 hazardous waste rules again. Curtis's group don't  
8 care about ODOT painting a bridge, right?

9 MR. GALLOWAY: Well, sandblasting the lead  
10 paint off of it.

11 MR. BERGMAN: Right. Okay. Another large  
12 group was pharmacies and hospitals. They had a lot  
13 of hazardous waste. So any day you went into a  
14 pharmacy or a hospital, you could be expected to  
15 find some hazardous waste. But again, probably not  
16 the universe that we cared that much about. And  
17 neither of those universes report chemical  
18 inventories. They are not a fixed facility.

19 But of the ones that were fixed facilities, we  
20 went ahead and amended their Tier II report. And  
21 here's an example. So these guys, AAON, already  
22 turn in a Tier II. This is their Tier II. And  
23 since they are a large-quantity generator as well as  
24 some other things, I added that notation under there  
25 ID section. I don't think a firefighter is going to

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1 look at that, but maybe some of the planners will.  
2 Maybe.

3 Plus it helps me identify them. I can go in  
4 here and do a search for the IDs LQG and pull all of  
5 them. It's just like a record keeper.

6 So that's in there. Along with their hazardous  
7 waste identifying number. Everybody has to have one  
8 of those. So it gives a little information.

9 But probably of more use to the first  
10 responders. On all of those records, I added the  
11 words -- or the term hazardous waste to their  
12 chemical inventory.

13 And I do hope that Curtis's guys maybe would  
14 actually look at the inventory. They are probably  
15 not going to look at the IDs and regs. If they pull  
16 up a record, they are going to want an address, and  
17 they might look at the contacts, you know, maybe.

18 But the thing they are going to be interested in  
19 mostly is going to be that list, right? So the fact  
20 that we now have the words hazardous waste, I'm  
21 hoping might be of some use. Might at least make a  
22 HAZMAT technician stand back for a second and say,  
23 "Wait, wait a minute, what's that? Why is that on  
24 there?"

25 What do you think?

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1 MR. DRISCOLL: I like that. I do.

2 MR. BERGMAN: All right. Now, I can't give  
3 them much information about it. It doesn't say  
4 where it is like a regular Tier II report would tell  
5 you the --

6 MR. GALLOWAY: No.

7 MR. BERGMAN: -- quantity.

8 MR. GALLOWAY: Having the hazardous waste  
9 on there and then go back to the facility contacts,  
10 you would ask --

11 MR. BERGMAN: Yeah.

12 MR. GALLOWAY: -- that person.

13 MR. BERGMAN: Exactly.

14 MR. GALLOWAY: What have you got here?

15 MR. BERGMAN: But it is interesting that it  
16 did connect to the CAMEO chemicals library and  
17 pulled up the entry in there for HAZ waste. Now,  
18 again, that's very generic.

19 MR. GALLOWAY: Yeah.

20 MR. BERGMAN: You can't categorize waste  
21 very well, right?

22 MR. GALLOWAY: No.

23 MR. BERGMAN: We all know that.

24 MR. GALLOWAY: Right.

25 MR. BERGMAN: Okay. I mean --

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1 MR. GALLOWAY: But I'm trying to reminisce  
2 when I had all three things. I had radioactive --  
3 MR. BERGMAN: Yeah.  
4 MR. GALLOWAY: -- hazardous waste, and all  
5 these extremely hazardous stuff on the same site.  
6 MR. BERGMAN: Yeah.  
7 MR. GALLOWAY: But I had DEQ use my  
8 facility as an example to how to handle with it.  
9 MR. BERGMAN: Well, so here's a question.  
10 Would it be of similar use if we added the term  
11 radioactive here for those 70 sites? And that's not  
12 the whole universe by any shade of the imagination,  
13 right? There's 400 and some licenses in the state.  
14 70 of them we could go in here and actually add the  
15 word radioactive.  
16 MR. GALLOWAY: I'll go back to my deal. I  
17 had radioactive sources on my site to measure the  
18 density of sand and cement.  
19 MR. BERGMAN: Absolutely.  
20 MR. GALLOWAY: But the license was in  
21 Houston.  
22 MR. BERGMAN: Well, right. And we're  
23 not --  
24 MR. GALLOWAY: I mean, it was for the whole  
25 company.

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1 MR. BERGMAN: Right.  
2 MR. GALLOWAY: And it licensed every  
3 facility in the United States.  
4 MR. BERGMAN: We think that these license  
5 locations for radioactives are at where equipment  
6 is, but it's not necessarily always the case.  
7 Sometimes there's an office and the equipment is  
8 somewhere else.  
9 But my question to the group is, and my question  
10 to, you know, first responders and HAZMAT teams is  
11 going to be do you want us to include the term  
12 radioactive here like we did with the hazardous  
13 waste?  
14 MR. GALLOWAY: I would --  
15 MR. BERGMAN: Now, if -- you remember that  
16 we give that also to you guys as a Google Earth  
17 file, right?  
18 MR. GALLOWAY: (Nods head)  
19 MR. BERGMAN: So when we give this out as  
20 Google Earth, you might remember -- let me just make  
21 one real quick.  
22 This chemical list goes with it. So it would  
23 also appear if you were distributing the information  
24 in its Google Earth file, that you get the three  
25 chemicals plus the hazardous waste as well.

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1 Let me just call this HW so we can see what it  
2 looks like.  
3 And if you wanted for those, if we decided  
4 collectively that it was worth the effort to include  
5 the term radioactive for those 70 sites, I could do  
6 that.  
7 My concern Number 1 would be that we want to  
8 make sure people understand that ain't all of them.  
9 Okay. To get all of them, you would need to look on  
10 this MARPLOT map thing. That has all of them.  
11 Most of these radiographer sites are not going  
12 to file a Tier II report. You know, they have got  
13 no reason to do it.  
14 So I don't know if anybody has any thoughts  
15 about that or not.  
16 MR. GALLOWAY: As a planning tool, it's  
17 valuable. As a responder, you know, I still value  
18 the fire chief walking through the facility and  
19 saying, "Where's the radioactive stuff?"  
20 MR. BERGMAN: Well --  
21 MR. GALLOWAY: And they say, "Oh, that  
22 stainless steel thing that's this big? Oh, okay.  
23 I'm not worried about that one."  
24 MR. BERGMAN: I agree with that.  
25 MR. GALLOWAY: But, I mean, that's what I

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1 did at my site is I had the whole fire department go  
2 tour my facility so that they were familiar with --  
3 MR. BERGMAN: They are not going to do it.  
4 MR. GALLOWAY: -- the warehouse, the lab,  
5 and the waste.  
6 MR. BERGMAN: I can't speak to whether all  
7 of them are going to do that or not. I made an  
8 error here --  
9 MR. GALLOWAY: Not in Oklahoma City.  
10 MR. BERGMAN: -- I'm fixing right now.  
11 MR. GALLOWAY: There's too many sites.  
12 MR. BERGMAN: So I'm going to go back  
13 through these in a second here and see what you guys  
14 think. Let me go out of this again just so you can  
15 see the practical output of that.  
16 MR. GALLOWAY: But what you're doing is  
17 creating choices. And so if a community does want  
18 to plan for those things, at least you give them the  
19 opportunity to do it.  
20 MR. BERGMAN: Well, yes. Right. We can  
21 give you the locations --  
22 MR. GALLOWAY: The risk benefit analyses --  
23 MR. BERGMAN: -- and I'm giving them to  
24 you --  
25 MR. GALLOWAY: -- are you willing to do all

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1 that work --

2 MR. BERGMAN: Yeah.

3 MR. GALLOWAY: -- if nobody ever uses that.

4 MR. BERGMAN: We've been doing this too

5 long, Michael. We know that's true. I can't

6 resolve that, but I can provide information. We

7 don't mind doing it. We don't mind doing the work

8 to do it, as long as we see some practical value at

9 the other end.

10 I think the HAZ waste is pretty valuable, do you

11 think?

12 MR. GALLOWAY: I agree. I like the HAZ

13 waste.

14 MR. BERGMAN: It's not a lot of work.

15 Didn't cost anybody any money.

16 And the third piece of the program, I don't

17 think first responders will use. That's just the

18 way it is. They have to include their emergency

19 action plan if they are a large-quantity generator.

20 Again, that's not something that the first responder

21 usually gets to the level of. But if you want to

22 know where it's at and what its composition was or

23 the kind of container, and what were the appropriate

24 first response stats, all of that is in our

25 emergency action plan.

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1 MR. GALLOWAY: What about the SPCC plan?

2 MR. BERGMAN: The same thing.

3 MR. GALLOWAY: Okay.

4 MR. BERGMAN: If they are a large-quantity

5 generator of a hazard, I say have to have a, quote,

6 "contingency plan."

7 So what I had them do, all of them sent me their

8 contingency plan whether that was a straight-up

9 contingency plan or an action plan or and SPCC or

10 whatever format they had, and they all went into

11 CAMEO.

12 So there were three things that happened. One,

13 they get a little notation over here that says I'm a

14 large-quantity generator. Most of that is for me

15 probably, and I won't expect hardly anybody else can

16 use that. I use it because it's a record key and I

17 can identify them, right?

18 Two. They are going to get an entry on their

19 chemical inventory that says hazardous waste. Now,

20 when you open that record, you are not going to get

21 a whole lot. Okay?

22 These guys told us what it was. Some of them

23 do, some of them don't.

24 MR. GALLOWAY: Yeah, but that location, I

25 mean, that would be the first thing the responder

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1 would want to know is where it's at.

2 MR. BERGMAN: Exactly. But they are not

3 required to send that. What they were -- on some of

4 them, this one, you know, I had that data. Some of

5 them were just going to say on site. That's all

6 they are going to say.

7 However, all of that information that you want

8 is in here. Okay? Every bit of it. I mean,

9 there's the -- they have to be very thorough. In

10 fact, some of them are very long, very thick

11 documents. But --

12 And what has been going on, in many cases these

13 200 facilities or whatever, they have this big

14 contingency plan and they were required by EPA to

15 walk that over to the fire department and they do.

16 So I'm telling them at least we didn't waste a

17 bunch of paper, okay? Nobody might use this either.

18 I don't know. I can't make the fire department do

19 anything.

20 But I can give it to them. It's in there if

21 they want to get that deep to look for it.

22 So what would happen -- let's try this again and

23 see if it works. Or maybe it did. I made one call

24 to HW.

25 There it is. So if this were in Google rather

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1 than CAMEO, which we're happy to do that for you.

2 We do it for the -- all of them anyway. Right? You

3 guys that get the data, you know we supply it in

4 Google format as well.

5 I don't know why this is seemingly refusing to

6 open.

7 Oh, by the way, Curtis, that's what pulls up

8 when you hit the hazardous waste data sheet button.

9 MR. DRISCOLL: Okay.

10 MR. BERGMAN: Okay? And, you know, what

11 are you going to get for hazardous waste? You are

12 sure not going to get a material safety data sheet?

13 There aren't any for waste. So you would just get

14 the entries from the ERG.

15 Let me close that. I have no idea what's going

16 on with this. It doesn't seem to want to launch --

17 (OFF THE RECORD)

18 MR. BERGMAN: That's some things we've been

19 working on. We are going to be --

20 MR. HOYLE: Mike, did he answer those three

21 questions you had about --

22 MR. BERGMAN: -- distributing that. And

23 hopefully when we get the information from OSU on

24 the transportation study, maybe it will generate

25 some other information we can provide in the CAMEO

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1 format.

2 MS. McKELVEY: Uh-huh.

3 MR. GALLOWAY: He's heading the right

4 directions. This was like -- I was back to the

5 accidents that OHP or ODOT keeps up with, where is

6 the most dangerous intersections in the state.

7 Well, where's the most spills in the state?

8 Which I pretty well figured it would be where the

9 most population is, Tulsa, Oklahoma City, or Lawton.

10 But have the same -- I'm like him, I like the

11 pictures. So show me where the spills are in the

12 state. What are the kinds of spills, you know, what

13 class was it. And then how much was it. Was it,

14 you know, the 50-gallon spill or was it a whole

15 18-wheeler full. You know, so you know where the

16 big spills were.

17 MR. BERGMAN: Well, Mike, if you click on

18 one of these, if you get the information from us,

19 which we're happy to do, that's what we get from

20 ODOT. So it tells you what hazard class it was and

21 what kind of collision it was, where it was, and if

22 there were any injuries.

23 MR. GALLOWAY: Well, those are

24 transportation accidents.

25 MR. BERGMAN: Right.

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1 MR. GALLOWAY: I'm talking about facility

2 accidents.

3 MR. BERGMAN: Yeah. That's a different

4 sub --

5 MR. GALLOWAY: Spill set.

6 MR. BERGMAN: That's a different set.

7 MR. GALLOWAY: That's the facility itself.

8 MR. BERGMAN: Yeah.

9 MR. GALLOWAY: Or basically all spills.

10 You know, all releases. So when there's a release,

11 we have to call DEQ when it meets a certain

12 threshold. And so I figured you had the data

13 already.

14 MR. HOYLE: We have it in a database, yeah.

15 It's just --

16 MR. BERGMAN: It's just kind of hard to

17 extract.

18 MR. HOYLE: Yeah. It's not in a geospatial

19 format to where Tom can stick it in a CAMEO file.

20 MR. GALLOWAY: But that's going down the

21 same path, that they will treat a planning tool,

22 now, who is your problem child or --

23 MR. HOYLE: Right.

24 MR. GALLOWAY: Or where's the area where

25 you want to put the most HAZMAT teams, you know.

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1 You kind of already know where --

2 MR. BERGMAN: So do you want us to give you

3 that information on your laptops?

4 MR. GALLOWAY: No, I'm still at the state

5 level. I'm thinking this information will be

6 helpful for like if you ever get Homeland Security

7 money again and we want to put five more HAZMAT

8 teams out with --

9 MR. BERGMAN: Yeah.

10 MR. GALLOWAY: -- a million dollar

11 equipment at each spot, where would we put those

12 spots.

13 I mean, the HAZMAT teams kind of know where

14 their frequent flyers are. But it's kind of like

15 EMS, they know where their -- the patient that calls

16 every day or every week.

17 But it's just more data to plan with. Which

18 communities are at risk, if you want to keep it only

19 for this group. Or a higher risk.

20 MR. BERGMAN: Do you think it's something

21 you want to publicize to the general HAZMAT or

22 first -- or technician community in general?

23 MR. DRISCOLL: Yeah, I think to the

24 regional response to the units, yeah.

25 MR. BERGMAN: Okay. Like I say, I'm going

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1 to take it by Station 5 maybe tomorrow and see if

2 they have got any input into there. I'm going to

3 try to explain to them what it is.

4 MR. DRISCOLL: Right.

5 MR. BERGMAN: And I don't know how much

6 they will use it or not use it. I -- you would know

7 better than me.

8 MR. DRISCOLL: Yeah.

9 MR. BERGMAN: Just the fact that it says

10 hazardous waste, I don't know.

11 MR. DRISCOLL: Well --

12 MR. BERGMAN: It's done. The project is

13 done. So --

14 MR. DRISCOLL: Yeah. Like Mike was talking

15 about, it's a good planning tool. It's, you know,

16 good for you in your walk-throughs, what are you

17 getting into. You know, what are your anticipated

18 hazards. Because of Oklahoma City's policy is if it

19 comes into HAZMAT, it's fives.

20 MR. BERGMAN: Yeah.

21 MR. DRISCOLL: Everything shuts down.

22 MR. BERGMAN: Absolutely.

23 MR. DRISCOLL: And it's fives.

24 MR. BERGMAN: It's fives.

25 MR. DRISCOLL: And they are absolutely in



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1 control.

2 MR. BERGMAN: Absolutely. Tulsa is the

3 same way.

4 MR. DRISCOLL: Yeah.

5 MR. GALLOWAY: And then most planning is

6 what's your worst-case scenario. So you want to

7 know what's there. That's your worst-case scenario.

8 MR. BERGMAN: I think it will be important

9 for us if you will -- if you want to, and we will --

10 obviously we'll try to spread the word at the OEMA

11 next week. I'm out of town, a scheduling

12 conference, and I won't be there. But if this is

13 something that the techs, you know, when we're doing

14 tech refreshers.

15 MR. GALLOWAY: Right.

16 MR. BERGMAN: When we're doing tech grants.

17 I'm going to try to continue to hammer the point

18 that, "Look, there's information about these

19 hazardous waste locations. It's in the same place

20 that you get your Tier II data."

21 MR. DRISCOLL: Right.

22 MR. BERGMAN: And I think that would be

23 important for EPA as well. Because part of this is

24 regulatory. Every one of these large-quantity

25 generators I talk to said, "Oh, we gave all that

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1 stuff to the fire department already."

2 And every time I talk to the fire department

3 they said, "I don't know what you're talking about."

4 MR. GALLOWAY: It depends on who in the

5 department you gave it to.

6 MR. BERGMAN: That's a hundred percent.

7 Yeah, exactly. It's a hundred -- I'm not saying

8 the facilities didn't. Of course they did, but

9 nobody down at the fire house knows anything about

10 it.

11 MR. GALLOWAY: Well, you have the rotation

12 problem.

13 MR. BERGMAN: Right.

14 MR. GALLOWAY: When the company gave it to

15 the fire chief, that fire chief had it. Well, that

16 was three fire chiefs ago.

17 MR. BERGMAN: Right. Not to mention they

18 might have went on blues today and reds the next day

19 and nobody on blue told red about it and green was

20 totally out to lunch. So --

21 Right? I mean --

22 MR. DRISCOLL: Yep, you're right.

23 MR. BERGMAN: That's what happens.

24 Well, we're going to continue to try to

25 integrate the data that we can into one platform.

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1 And right now for us, that's going to be CAMEO.

2 It will be nice to consider that we could put it

3 all on a web page on a web engine and that anybody

4 could hit with a cell phone, but there's an enormous

5 amount of difficulty with that. Not to mention the

6 facilities themselves will not support that in many

7 cases.

8 In fact, I had two facilities decline to give

9 their contingency plans, but I was okay with that.

10 One of them was Altus and the other one was Fort

11 Sill. That's okay. You've got to take care of your

12 own hazardous waste. We're not -- we don't care.

13 Right? I mean that's --

14 Lawton fire is not going out to Fort Sill and

15 messing with their hazardous waste. That's their --

16 It's perfectly fine. You guys keep it to

17 yourselves. Don't bother us with it.

18 MR. HOYLE: Any other discussions or

19 emergency responses from the Commission members?

20 MR. GALLOWAY: Well, that was my response.

21 MR. HOYLE: Any additional, Mr. Galloway?

22 MR. GALLOWAY: (shook head)

23 MR. HOYLE: All right. Any new items to

24 bring before the Commission that requires action?

25 CHIEF DOKE: I've got a question.

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1 MR. HOYLE: A question from the chief.

2 CHIEF DOKE: While we were in Colorado, my

3 assistant, Sam Schafnitt, asked the department

4 heads, is there any concern of off gassing of the

5 marijuana waste products that goes to landfills.

6 And they got very quiet. And more or less

7 hinted that, well, we don't think it's a problem.

8 However, we saw they provided video where it showed

9 off gasses explosions in the plant and such. They

10 were using an LPG methane and having -- you just

11 make a list and there's all kinds of stuff to

12 extract the oil.

13 MR. HOYLE: Right.

14 CHIEF DOKE: Does that fall in DEQ's -- I'm

15 not trying to stir the pot on anything, so I'm just

16 kind of curious as when it leaves the plant or

17 wherever they are growing it -- the place is

18 forever.

19 MR. HOYLE: The process -- I mean, it's

20 just like any other industrial process, if they fall

21 under DEQ regulations, then DEQ inspectors will have

22 jurisdiction over the operation site. And

23 especially the waste site. The new rules that came

24 out said any and all waste regulations that apply

25 essentially. Any and all.

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1 CHIEF DOKE: Okay.  
2 MR. HOYLE: So --  
3 CHIEF DOKE: Their environmental people got  
4 a little pale on the question. I don't know if we  
5 were dabbling in economics with that question.  
6 MR. HOYLE: Right.  
7 MR. GALLOWAY: Well, it's always economics,  
8 but, you know, you could pay now or pay later. You  
9 know, most industries finally figured out it's  
10 cheaper to comply ahead of time than to fight it and  
11 pay the penalty later for not complying.  
12 And so the profit in that industry is good  
13 enough where compliance with DEQ will be a minimal  
14 expense.  
15 CHIEF DOKE: So we need to buy a casino and  
16 shut it down and make their operation -- there's  
17 more money in that than casinos.  
18 MR. BERGMAN: My understanding from folks  
19 I've talked to in Colorado --  
20 CHIEF DOKE: Yes.  
21 MR. BERGMAN: -- was mostly the grow  
22 processing operations are in the same location and  
23 they are the same business. Although some just do  
24 grow and then they send it to a processor. And then  
25 you have retailers for sale.

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1 CHIEF DOKE: Usually if you can keep it  
2 under one roof, you make more profit.  
3 MR. BERGMAN: Right. And that eliminates  
4 the waste.  
5 CHIEF DOKE: Yep.  
6 MR. BERGMAN: At least transport of it to  
7 some degree.  
8 But I don't know. Does that seem to have -- my  
9 understanding is that most of the grow operations  
10 process at the same facility.  
11 CHIEF DOKE: The department is they didn't  
12 want to go there with that question.  
13 MR. BERGMAN: Yeah, that's interesting. I  
14 agree, that's an interesting question. I don't know  
15 the answer.  
16 CHIEF DOKE: And it's an  
17 environmentally-friendly state. You would think  
18 they would have an answer. They did not go there,  
19 so most of them took off before we got uninvited.  
20 MR. HOYLE: There is a DEQ internal group  
21 that's been put together to review and work on that.  
22 So --  
23 And one of our LPD members is on the advisory  
24 panel for the Health Department.  
25 MR. GALLOWAY: Well, it's not new. I mean,

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1 you've got about 20 states that are doing this, so  
2 Colorado isn't your only source of information  
3 either. So --  
4 I look at it --  
5 CHIEF DOKE: There's possibly some that's  
6 in Custer County.  
7 MR. GALLOWAY: Yeah.  
8 CHIEF DOKE: Okay.  
9 MR. GALLOWAY: I don't mind retiring soon.  
10 The -- train of thought. Oh. Oregon and  
11 Kentucky have similar populations as us, and so they  
12 have similar budgets. And so I tend to look at what  
13 those two state have done if they are fighting the  
14 same battle we are. Because they both have about  
15 three and a half million population and the budgets  
16 are about the same. So I look at how Homeland  
17 Security works there. I look at how OEM works. I  
18 look at how DEQ works. But --  
19 And that's what I tell a lot of folks when they  
20 ask about HAZMAT. Find somebody that's about the  
21 same size as you and how do they do it. And you  
22 generally get pretty good answers.  
23 CHIEF DOKE: If it's working, take it.  
24 MR. GALLOWAY: Yeah. Two states that are  
25 similar to Oklahoma's population. But, I mean, when

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1 you looking at rights, you know, I'm not Kentucky  
2 has passed the marijuana, but I know Oregon has.  
3 That's my two cents.  
4 MR. HOYLE: All right. We are at our  
5 public forum. And our member of the public has  
6 stepped out for a moment. I would not want to deny  
7 him --  
8 MR. BALDRIDGE: Yeah.  
9 MR. HOYLE: -- his chance to speak. He  
10 waited all this time. So we'll wait for him to  
11 return.  
12 MR. GALLOWAY: Did he get a phone call or  
13 did he leave?  
14 MR. BALDRIDGE: No, he left his -- his  
15 stuff is still here.  
16 (OFF THE RECORD)  
17 MR. HOYLE: All right. We have a member of  
18 the public here. This is now open discussion. This  
19 is Mr. Fred Storer from -- a resident of Tulsa.  
20 MR. STORER: Yes.  
21 MR. HOYLE: He's here to address the  
22 Commission.  
23 MR. STORER: Well, I didn't really plan to  
24 address the Commission. But I will say that I've  
25 gotten interested in something that's sort of

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1 weighted into your business, if you will. And it  
2 has to do with mistakes that have been made in the  
3 Tulsa area relative to planning decisions because  
4 people didn't understand hazardous materials issues.  
5 An example would be in the City of Glenpool,  
6 they permitted a couple of storage facilities for  
7 butane without asking the right questions. And they  
8 didn't even know about risk management plans. They  
9 didn't know about the worst-case scenarios that are  
10 reported by people who file risk management plans.  
11 And the consequence of that, if -- had they  
12 asked those questions, there's a very good chance  
13 they would not have granted planning permission for  
14 that.  
15 And then the City of Jenks is in the middle of a  
16 very similar issue. Because Phillips didn't --  
17 Phillips 66 didn't really, they really weren't  
18 candid with the City of Jenks. And had they been  
19 candid, there's a very good chance the City of Jenks  
20 would not have granted planning permission for that  
21 butane.  
22 And so this kind of then caused me to look at  
23 some other issues like situations where the city has  
24 grown into a hazardous area. And again, in Glenpool  
25 and the City of Jenks, there's a gasoline plant on

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1 what -- if you drew the line far enough, it would be  
2 south Peoria. It's been there for a long, long  
3 time. I don't know, at least 30 years. And the  
4 City of Glenpool allowed the development of a  
5 subdivision and the closest house is within  
6 550 feet.  
7 And yet the worst-case explosive, toxic -- I  
8 mean, explosion effect scenario is a half a mile.  
9 So they've got a hundred houses built in the shadow  
10 of this virtual problem.  
11 Now, I fully appreciate that the worst-case  
12 issues are -- that the worst-case system exaggerates  
13 the risk. But that system exists and it's been  
14 there for what, 20 years.  
15 And furthermore -- let's see. I don't know how  
16 much time you've got. Furthermore, if you were  
17 to -- the EPA is required by law to operate what's  
18 called a vulnerable zone indicator system. And if a  
19 citizen goes to the vulnerable zone indicator system  
20 and puts their address in or the coordinates of  
21 their house, the coordinates work a little bit  
22 better than the address, you'll get an answer back  
23 from the EPA within usually a day that says the  
24 address you supplied is in one or more vulnerable  
25 zones.

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1 And then the EPA website tells you if you want  
2 more information, to go to your local emergency  
3 planning committee.  
4 MR. GALLOWAY: LEPC.  
5 MR. STORER: And if you go talk to big Joe  
6 in Tulsa, he's going to tell you, "I don't have this  
7 information." And he's going to say, "Contact the  
8 state."  
9 And in the one test case that I did, was they  
10 contacted you all or Cliff, I guess maybe, or Tom.  
11 The answer was go talk to the EPA.  
12 And if a citizen really wants to drill into  
13 this, you can do what I've done and make an  
14 application to the Department of Justice to provide  
15 the information from the risk management plans,  
16 which you can get on a website that's operated by  
17 the Houston Chronicle, and provide the EPA ID  
18 numbers and they will -- you can pick any 10  
19 facilities in the United States and they will send  
20 the information to the U.S. Marshal.  
21 The U.S. Marshal will call you and say,  
22 "Mr. Storer, "I've got some information that the EPA  
23 has sent me that you want to look at."  
24 You go over to the Marshal's office and you set  
25 in a small room across from the U.S. Marshal and he

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1 allows you to copy in pencil the critical  
2 information from the offsite consequence analysis.  
3 And --  
4 MR. HOYLE: It sounds like you've  
5 experienced this.  
6 MR. STORER: Well, if -- I've done it,  
7 let's see, five times.  
8 And I have assembled -- this is a -- let me see  
9 if I can find it. I assembled a worst-case map  
10 through the City of Tulsa. It looks like this.  
11 Tulsa is rich. On the west end of Tulsa, you've  
12 got Baker-Hughes. And their worst-case is 20 miles  
13 as a consequence of formaldehyde solution.  
14 And if you go all the way over to the port,  
15 Brenntag's worst-case, they have chlorine and sulfur  
16 dioxide. Their worst-case is 25 miles, which is the  
17 maximum that EPA uses.  
18 MR. GALLOWAY: The model, yeah.  
19 MR. STORER: Yeah. And then you've got all  
20 kinds of people in the middle, including the City of  
21 Tulsa which has two large chlorine inventories. And  
22 you've got the usual refrigeration facilities that  
23 use anhydrous ammonia.  
24 MR. GALLOWAY: Yeah.  
25 MR. STORER: And so on and so on. Two

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1 older refineries.  
2 MR. GALLOWAY: Yeah.  
3 MR. STORER: And it seems to me that the  
4 planning system is not recognizing these issues.  
5 And my goal is to make that work. And what I think  
6 that we should get somebody like INCOG to create an  
7 interactive map. And so that people that are  
8 interested in and have to make decisions about land  
9 use, would go to this interactive map and say,  
10 "What's out there?"  
11 Furthermore, to avoid these problems that  
12 Glenpool has had, all of the planning people, the  
13 counties and everything, need to know to ask the  
14 question, "What are you going to put here?" And,  
15 "Are you going to file a risk management plan with  
16 the EPA? And if so, give us the information so that  
17 we can decide whether we want to cooperate or not."  
18 MR. GALLOWAY: You would have to  
19 incorporate those risk plans into the planning and  
20 zoning ordinances.  
21 MR. STORER: Yes. Yes. Now --  
22 MR. GALLOWAY: And that's where the --  
23 that's -- the two don't talk.  
24 MR. STORER: Right. Right.  
25 MR. GALLOWAY: So --

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1 MR. STORER: Now, the first responders,  
2 they -- my impression is, you guys know about this.  
3 I mean you know where this stuff is. The Tier II  
4 information would tell you that somebody has got  
5 50,000 pounds of anhydrous hydrogen fluoride, which  
6 two people in the port do have.  
7 MR. GALLOWAY: Yep.  
8 MR. STORER: And --  
9 MR. BERGMAN: Many of us do.  
10 MR. STORER: Huh?  
11 MR. BERGMAN: Some of us do know that.  
12 MR. STORER: But the -- you know, there's a  
13 large development on a hill overlooking the port  
14 called Stone Canyon and Ridgeview Estates. The  
15 house -- there isn't a house in there that cost less  
16 than \$500,000. And yet the people that bought those  
17 houses and overdeveloped that property, they are  
18 clueless.  
19 MR. BERGMAN: Yeah.  
20 MR. STORER: If you were to take all of the  
21 hazardous chemicals in port and just take them away  
22 and put down in its place the Wolf Creek Nuclear  
23 Plant, the people that live on that hill would be  
24 two orders of magnitude safer than they are right  
25 now.

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1 MR. GALLOWAY: Well, what you are trying to  
2 describe is risk.  
3 MR. STORER: Yes.  
4 MR. GALLOWAY: I mean, you opened up your  
5 conversation that the Phillips 66 had a gas plant  
6 there that's been there for 30 years. That those --  
7 MR. STORER: Actually that's owned by  
8 Kinder Morgan now. It was once owned by Phillips.  
9 MR. GALLOWAY: But I mean has been there  
10 for 30 years.  
11 MR. STORER: That's exactly right.  
12 MR. GALLOWAY: And so -- it's not like  
13 railroads. You know, why we build the school next  
14 to a railroad. Well, the railroad says we were here  
15 first. And so, you know, you get to your question,  
16 well, then why did they build the school next to the  
17 railroad?  
18 MR. STORER: Yeah.  
19 MR. GALLOWAY: And so -- but it's --  
20 MR. STORER: It is not --  
21 MR. GALLOWAY: Now I'm talking community  
22 planning, which has never been done.  
23 MR. STORER: Right.  
24 MR. GALLOWAY: The way you get community  
25 planning is everybody in the community is part of

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1 the process.  
2 MR. STORER: Right.  
3 MR. GALLOWAY: And you'll have a hard  
4 time -- I mean, you're going back to democracy,  
5 where everybody has a say as to who --  
6 MR. STORER: Well, one of the Tulsa  
7 problems, I left off the Tulsa problem. Tulsa  
8 allowed a -- the construction of a rail spur,  
9 private rail facility, within sight of City Hall,  
10 just right there by the OSU-Tulsa campus.  
11 And what they do there is they bring in rail  
12 cars loaded with butane. They unload the butane.  
13 They have got I think 26 rail cars at a time. They  
14 upload the butane into semis and then they drive the  
15 butane to Glenpool and unload it at the facilities  
16 that I described earlier.  
17 The city, somebody blew a little smoke at the  
18 city and said, "Oh, well, we can't do anything  
19 because it's a railroad." And that's really a  
20 fundamental mistake if it's --  
21 MR. GALLOWAY: Private.  
22 MR. STORER: -- a private railroad track.  
23 Yeah.  
24 But it turned out that rail car unloading  
25 facility is across the fence from the BMX track that

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1 the mayor wants to develop.  
2 And so apparently the city has now negotiated  
3 with -- negotiated away their mistake. And that  
4 thing is going to be moved before the crowds start  
5 arriving for the BMK track.  
6 So I've written an article about this and I hope  
7 to get it published in one of the Tulsa newspapers,  
8 probably a biweekly. The Tulsa World is a little  
9 bit cautious about things like this.  
10 MR. GALLOWAY: I mean, that's the whole  
11 point of the community right to know laws, to know  
12 what risks are in your community.  
13 MR. STORER: But the --  
14 MR. GALLOWAY: So that was the reason that  
15 law was created.  
16 MR. STORER: But the 1999 law created a  
17 system of pseudo security around all this  
18 information. And made it difficult for people to  
19 find out what's going on. That's why somebody like  
20 me has to go see the U.S. Marshal.  
21 And the FBI's argument was in 1999 that the  
22 terrorists were going to get ahold of this  
23 information and use it to plan attacks. And so  
24 we're going to make it obscure. And that's why the  
25 rule says that you can -- that the local emergency

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1 planning committee keep all this information in  
2 their office. And all I have to do is to make it  
3 available to the citizen that walks in the door,  
4 make sure that he's got two forms of identification,  
5 and to keep a record of him for 25 years.  
6 MR. GALLOWAY: Well, we're talking about  
7 two different --  
8 MR. BERGMAN: Yeah, those are two  
9 different --  
10 MR. GALLOWAY: The information I get is not  
11 obscure and it's not secure. So I can give you all  
12 of my information.  
13 What goes to Homeland Security is the security  
14 part. And then that's like one percent of all the  
15 sites.  
16 I mean --  
17 MR. STORER: Well, the PSM rule, the  
18 criteria that whether or not you have a PSM plan --  
19 I mean, a process safety management plan, that list  
20 and quantities is almost identical to the Homeland  
21 Security list.  
22 The Homeland Security list started about 2007,  
23 where they went out said everybody that's got this  
24 stuff that exceeds these levels, you tell us about  
25 it. And then we'll come back to you and tell you

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1 what kind of security procedures you should have.  
2 Okay?  
3 But there's a couple -- you know, that one thing  
4 that's real -- I'm getting off track.  
5 Anyway, you have -- do you have the worst-case  
6 scenario information that gives the distance to the  
7 toxic endpoint?  
8 MR. GALLOWAY: That's the first thing I ask  
9 for.  
10 MR. STORER: Good. Good.  
11 MR. GALLOWAY: I only -- I'm like him, I  
12 like the map with the circle on it.  
13 MR. STORER: But -- yeah. But you have to  
14 be careful about how you disseminate that  
15 information to the public. If you read -- if you  
16 read --  
17 Well, okay. If you are happy with it, that's  
18 fine. But there is a regulation --  
19 MR. GALLOWAY: Out where I live, there's  
20 only one person in that circle and they already know  
21 about it.  
22 MR. STORER: Okay.  
23 MR. GALLOWAY: So there's not security.  
24 MR. STORER: Yeah.  
25 MR. BERGMAN: There is a difference

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1 between, I don't think you're confusing these, but  
2 risk management plan, offsite consequence analysis  
3 is protected information. But what we -- we don't  
4 deal with that in this group. The one thing we do  
5 deal with in this group is EPCRA Tier II  
6 information. That is not protected. Anybody can  
7 get all of that information any time they want. And  
8 we publish it on a website so they can. But it  
9 would not include offsite consequence analysis.  
10 However, any individual, as you're well aware,  
11 because you did it, couldn't do the offsite  
12 consequence analysis.  
13 MR. STORER: Because I got the information  
14 in this laborious way that I described.  
15 MR. BERGMAN: Yeah.  
16 MR. STORER: The law allows me to reveal  
17 it. So I am going to reveal all of the information  
18 behind the circles on that map.  
19 MR. GALLOWAY: Well, it's -- once -- I  
20 mean --  
21 MR. STORER: So there may be some noise in  
22 Tulsa as a consequence of this. I don't know.  
23 MR. GALLOWAY: I don't think so. I mean,  
24 it's kind of like -- I understand what Homeland  
25 Security is trying to do is protect those sites so

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1 that they don't become targets.  
2 But at the same point, you or anyone, the  
3 terrorists included --  
4 MR. STORER: Terrorists aren't --  
5 MR. GALLOWAY: -- can go to a website and  
6 look for those same sites.  
7 MR. STORER: Terrorists -- terrorists are  
8 not that dumb. The law doesn't protect anybody.  
9 MR. GALLOWAY: But, I mean, it -- you  
10 are -- as hard it is for you to get ahold of the  
11 information, a terrorist isn't going to try that  
12 hard. They are going to go something that will get  
13 CNN there, which is a school. And that's not  
14 secure.  
15 MR. STORER: I didn't --  
16 MR. GALLOWAY: Or they'll go to a mall.  
17 And, I mean, it's the same places they are already  
18 hitting right now.  
19 MR. STORER: I didn't need to go see the --  
20 MR. GALLOWAY: Get a truck and drive down a  
21 street --  
22 MR. STORER: Right.  
23 MR. GALLOWAY: -- and kill 20 people that  
24 way.  
25 MR. STORER: I didn't need to go to see the

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1 U.S. Marshal to figure out what I would do if I was  
2 a terrorist. Okay? That's pretty easy.  
3 MR. GALLOWAY: But, I mean, the point of  
4 showing people where all of these circles are,  
5 what's -- what's --  
6 Is your point is to depopulate Tulsa?  
7 MR. STORER: I don't think that will  
8 happen. But here's my point. If -- inside the IDL,  
9 inside the Inner Dispersal Loop in Tulsa, we have a  
10 dairy. And the dairy has a large commercial  
11 refrigeration system that's has ammonia.  
12 MR. BERGMAN: Yep.  
13 MR. STORER: And --  
14 MR. GALLOWAY: And there's a lot of them in  
15 my world too. And what --  
16 MR. STORER: Right. Right. And on one  
17 side of the dairy is the county jail.  
18 MR. GALLOWAY: That's correct.  
19 MR. STORER: And on the other side of the  
20 dairy is a large performance venue called The Old  
21 Lady on Brady. The dairy has a wind sock on top of  
22 it. Do the people that operate The Old Lady on  
23 Brady or does the sheriff understand that if there  
24 is an ammonia leak, that he has to take appropriate  
25 action? I don't think so.

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1 The same is true for the Bama Pie facility on  
2 11th Street.  
3 The same is true for the people that live on a  
4 hill overlooking the port where the chemical  
5 inventory includes arsine, anhydrous hydrogen  
6 fluoride, chlorine, sulphur dioxide, and 60 million  
7 pounds of refrigerated ammonia.  
8 MR. BERGMAN: Yep.  
9 MR. STORER: Do the people in Verdigris  
10 understand?  
11 MR. BERGMAN: Now --  
12 MR. STORER: About five years ago the  
13 city -- the ammonia plant passed out some kits for  
14 sealing the windows in case people needed to shelter  
15 in place.  
16 A plant manager told me, "Well, we haven't done  
17 that for a long time.  
18 MR. GALLOWAY: Well, you couldn't do it  
19 fast enough.  
20 MR. STORER: Yeah.  
21 MR. GALLOWAY: Ammonia would just disperse  
22 faster than you put the kit on the window.  
23 MR. STORER: I agree. I agree. And in  
24 most of these cases you can't do it fast enough,  
25 particularly if it's an explosion hazard.

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1 But you can allow people to make informed  
2 decisions about whether they want to live across the  
3 street from or along the fence of this particular  
4 plant.  
5 And the plant should have the responsibility to  
6 go out and explain and tell people if they see -- if  
7 see people running, if they see an alarm, if they  
8 see, then this is what you should do. You should  
9 stay inside.  
10 So that's --  
11 MR. HOYLE: Well, we -- we'll -- I mean, we  
12 provide the information. That's what we do. I  
13 mean, DEQ --  
14 MR. STORER: Well, I think --  
15 MR. HOYLE: We provide the information to  
16 the LEPCs and to the communities to help them  
17 make --  
18 MR. STORER: I think --  
19 MR. HOYLE: So they can make those  
20 decisions.  
21 MR. STORER: I think --  
22 MR. HOYLE: We don't make the decisions.  
23 MR. STORER: I think you guys do a great  
24 job.  
25 MR. HOYLE: Yeah.

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1 MR. STORER: And I think it's -- I think  
 2 it's the -- you know, 99 percent of the value is  
 3 delivered by the responders. You know, it's do you  
 4 know what you're going to find when you get there?  
 5 They had -- they had a leak of arsine at the  
 6 port a few years ago, maybe five, and a hundred  
 7 people went to the hospital. That stuff is really  
 8 bad. It's 57 times as toxic as ammonia.  
 9 So that's why I came. I wanted to see what you  
 10 all were doing and I am reassured because I've seen  
 11 Tom's work before, I've worked in the Osage, and I  
 12 know how he's beat his head up against the wall  
 13 trying to get the Osage operators to file their  
 14 Tier II 2 plans.  
 15 MR. HOYLE: Well, we'll keep --  
 16 MR. BERGMAN: My -- I still have a little  
 17 head left.  
 18 MR. STORER: Huh?  
 19 MR. BERGMAN: I still have a little head  
 20 left.  
 21 MR. HOYLE: Yeah. Tom will keep pushing  
 22 the information and we'll help them use it to the  
 23 best that we can. So --  
 24 Thank you, Mr. Storer. Any other questions or  
 25 comments?

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1 At this point I'll take a motion.  
 2 MR. GALLOWAY: I make a motion that we  
 3 adjourn.  
 4 MR. HOYLE: Motion for the second?  
 5 MR. DRISCOLL: Second.  
 6 MR. HOYLE: We are adjourned.  
 7 (The meeting was adjourned at 3:05 p.m.)  
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1 CERTIFICATE  
 2 STATE OF OKLAHOMA )  
 ) SS:  
 3 OKLAHOMA COUNTY )  
 4 I, Steve Plumbtree, Certified Shorthand Reporter  
 5 within and for the State of Oklahoma, do hereby  
 6 certify that the above and foregoing meeting was by  
 7 me taken in shorthand and thereafter transcribed;  
 8 that the same is true and correct; and that it was  
 9 taken on the 8th day of August, 2018 at the time of  
 10 1:30 p.m. in the City of Oklahoma City, County of  
 11 Oklahoma, State of Oklahoma, and that I am not  
 12 attorney for or relative of any of said parties or  
 13 otherwise interested in the event of said action.  
 14 IN WITNESS WHEREOF, I have hereunto set my hand  
 15 and official seal this 22nd day of August, 2018.  
 16  
 17  
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 25



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STEVE PLUMBTREE, CSR, CP  
 Oklahoma Certified Shorthand Reporter  
 Certificate No. 00332  
 Expires: December 31, 2018

**OKLAHOMA HAZARDOUS MATERIALS  
EMERGENCY RESPONSE  
COMMISSION**

Attendance Record  
August 8, 2018  
Oklahoma City, Oklahoma

NAME and/or AFFILIATION

Address and/or Phone and/or E-Mail

<b>MICHAEL GALLOWAY</b>	CUSTER COUNTY EM	675 B Street P.O. Box 300 Arapahoe, OK 73620	(500) 331-9536 custerem@gmail.com
Clifton Driscoll	OKOHS	3600 N MLK, OKC OK 73111	405-425-7512
Clifton High	DEQ	405-702-5215	clifton.high@deq.ok.gov
Kristen Bliss	DEQ	405-702-5158	Kristen.Bliss@deq.ok.gov
Matthew Wormus	DEQ	405-702-5137	Matthew.Wormus@deq.ok.gov
Robert Duke	SFM	405-522-5005	robert.duke@fmc.ok.gov
Quiana Fietas	DEQ		
Bonnie McKelvey	OEM	405-521-3056	bonnie.mckelvey@ocwr.ok.gov
Fred Storer		4205 Main #205 Tulsa 74103 918-391-3456	ffstoren@gmail.com
William C. Young		321 N. Harvey, OKC 73101	Youngwc@ose.com
Tom Bergman	DEQ		
Stoker Bridgic	DEQ		