

**DRAFT MINUTES  
WATER QUALITY MANAGEMENT ADVISORY COUNCIL  
July 31, 2018  
Oklahoma Department of Environmental Quality  
Multipurpose Room  
Oklahoma City, Oklahoma**

Official WQMAC

To be approved at the September 25, 2018 Meeting

**Notice of Public Meeting** – The Water Quality Management Advisory Council (WQMAC) convened for a Regular Meeting at 2:00 p.m. at the Oklahoma Department of Environmental Quality (DEQ), 707 North Robinson, Oklahoma City, Oklahoma. The meeting was held in accordance with the Open Meeting Act, with notice of the meeting given to the Secretary of State on October 18, 2017. The agenda was posted at DEQ twenty-four hours prior to the meeting. Mr. Brian Duzan, Chair, called the meeting to order. Ms. Quiana Fields called roll and confirmed that a quorum was present.

**MEMBERS PRESENT**

Robert Carr  
Brian Duzan  
Alexandria Kindrick  
Mark Matheson  
Jon Nelson  
Jim Rodriguez  
Jeff Short  
Steve Sowers  
Debbie Wells  
Duane Winegardner  
Terry Wyatt

**MEMBERS ABSENT**

Jeff Short

**DEQ STAFF PRESENT**

Shellie Chard  
Terry Lyhane  
Chris Armstrong  
Chris Wisniewski  
Mark Hildebrand  
Betsey Streuli  
David Caldwell  
Jennifer Boyle  
Lee Dooley  
Michelle Wynn  
Jeff Franklin  
Pam Dizikes  
Travis Couch  
Brandt Sterling  
Traci Kelly  
Quiana Fields

**OTHERS PRESENT**

Steve Plumbtree, Court Reporter

**Approval of Minutes from the January 11, 2018 Meeting** – Mr. Duzan called for a motion to approve the Minutes of the January 11, 2018 Regular Meeting. Mr. Nelson moved to approve and Mr. Matheson made the second.

*See transcript pages 4 - 5*

Robert Carr	Yes	Steve Sowers	Yes
Alexandria Kindrick	Yes	Debbie Wells	Yes
Mark Matheson	Yes	Duane Winegardner	Yes
Jon Nelson	Yes	Terry Wyatt	Yes
Jim Rodriguez	Yes	Brian Duzan	Yes

**DISCUSSION OF RULEMAKING FOR FY 2019:**

**OAC 252:606 – OKLAHOMA POLLUTANT DISCHARGE ELIMINATION SYSTEM (OPDES) STANDARDS** – Mr. Mark Hildebrand, Environmental Programs Manager of the WQD, stated that the DEQ staff will be proposing an update of the progress of the publication date of the federal rules from July 1, 2016 to July 1, 2018. The most significant change is EPA’s effort to explain the two methods that a small MS4 system may obtain permit coverage. There were no comments by the Council or public.

*See transcript pages 5 - 8*

**OAC 252:611 – GENERAL WATER QUALITY** - Mr. Hildebrand stated the DEQ staff will be proposing an update of the progress of the publication date of the federal rules from July 1, 2010 to July 1, 2018. The only significant update is EPA establishing procedures to treat federally recognized Indian tribes in a similar manner as states for Clean Water Act Section 303(d) Impaired Water Listing and TMDL Program. There were no comments by the Council or public.

*See transcript page 8*

**OAC 252:301,302 and 307 – LABORATORY ACCREDITATION, FIELD ACCREDITATION AND TNI LABORATORY ACCREDITATION** – Mr. Chris Armstrong, Division Director of the SELSD, stated that the SELSD will be proposing minor permanent rule language changes and new incorporation by reference of the Clean Water Act, 2017 Method Update Rule; proposing to add a new On-Site Assessment fee; and proposing to add Medical Marijuana categories and fees to Chapter 307, TNI Laboratory Certification. There were questions and comments by the Council and the public.

*See transcript pages 8 - 28*

**OAC 252:710 – WATERWORKS AND WASTEWATER WORKS OPERATOR CERTIFICATION** – Mr. Carr mentioned that the DEQ staff will be forming a stakeholder group to discuss changes needed to modernize the Operator Certification Technology and consider updates to training requirements. There were comments by the Council and none by the public.

*See transcript pages 28 - 35*

**DIRECTOR’S REPORT** – Ms. Shellie Chard, Division Director of the WQD, provided an update on other division activities.

*See transcript pages 35 - 42*

**NEW BUSINESS** – None

**ANNOUNCEMENTS** – The next scheduled meeting is on Tuesday, September 25, 2018, 2:00 p. m. at DEQ.

**ADJOURNMENT** – Mr. Duzan called for a motion to adjourn. Mr. Rodriguez moved to adjourn and Mr. Nelson made the second. The meeting was adjourned at 2:56 p.m.

*See transcript pages 43 - 44*

Robert Carr	Yes	Steve Sowers	Yes
Alexandria Kindrick	Yes	Debbie Wells	Yes
Mark Matheson	Yes	Duane Winegardner	Yes
Jon Nelson	Yes	Terry Wyatt	Yes
Jim Rodriguez	Yes	Brian Duzan	Yes

**Transcripts and Attendance Sheet are attached as an official part of these Minutes.**

DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY MANAGEMENT ADVISORY COUNCIL

REGULAR MEETING

JULY 31, 2018 - 2:00 P.M.

DEQ BUILDING

707 NORTH ROBINSON, MULTIPURPOSE ROOM

OKLAHOMA CITY, OKLAHOMA 73102

Reported by Steve Plumbtree, CSR, CP

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1 COUNCIL MEMBERS PRESENT  
2 Mr. Brian Duzan, Chair  
3 Mr. Robert Carr  
4 Ms. Alexandria Kindrick  
5 Mr. Mark Matheson  
6 Mr. Jon Nelson  
7 Mr. Jim Rodriguez  
8 Mr. Steve Sowers  
9 Mr. Duane Winegardner  
10 Ms. Debbie Wells  
11 Ms. Terry Wyatt  
12  
13 COUNCIL MEMBERS ABSENT  
14  
15 Mr. Jeffrey Short  
16  
17 OTHERS PRESENT  
18  
19 Ms. Shellie Chard  
20 Mr. Chris Armstrong  
21 Ms. Betsey Streuli  
22 Mr. Mark Hildebrand  
23 Ms. Quiana Fields  
24  
25

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1 (The meeting was called to order at 2:00 p.m.)  
2 MR. DUZAN: This regular meeting of the  
3 Water Quality Management Advisory Council was called  
4 in accordance with the Open Meeting Act.  
5 Notice for this July 31, 2018 meeting was filed  
6 with the Secretary of State on October 18, 2017.  
7 The agenda was duly posted at DEQ at least 24 hours  
8 prior to meeting.  
9 Only matters appearing on the posted agenda may  
10 be considered at this regular meeting. In the event  
11 that this meeting is continued or reconvened, public  
12 notice of the date, time, and place of the continued  
13 meeting will be give by announcement at this  
14 meeting. Only matters appearing on the agenda of a  
15 meeting which is continued may be discussed at the  
16 continued or reconvened meeting.  
17 So roll call?  
18 MS. FIELDS: Mr. Carr?  
19 MR. CARR: Here.  
20 MS. FIELDS: Ms. Kindrick?  
21 MS. KINDRICK: Here.  
22 MS. FIELDS: Mr. Matheson?  
23 MR. MATHESON: Here.  
24 MS. FIELDS: Mr. Nelson?  
25 MR. NELSON: Here.

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1 MS. FIELDS: Mr. Rodriguez?  
2 MR. RODRIGUEZ: Here.  
3 MS. FIELDS: Mr. Short is absent.  
4 Mr. Sowers?  
5 MR. SOWERS: Here.  
6 MS. FIELDS: Ms. Wells?  
7 MS. WELLS: Here.  
8 MS. FIELDS: Mr. Winegardner?  
9 MR. WINEGARDNER: Here.  
10 MS. FIELDS: Ms. Wyatt?  
11 MS. WYATT: Here.  
12 MS. FIELDS: Mr. Duzan?  
13 MR. DUZAN: Here.  
14 MS. FIELDS: We have a quorum.  
15 MR. DUZAN: The next thing is the approval  
16 of the minutes from the January 11th meeting. Is  
17 there any comments?  
18 MR. NELSON: Mr. Chairman, I move approval.  
19 MR. MATHESON: I will second that.  
20 MR. DUZAN: Okay. We have a motion and a  
21 second.  
22 MR. WINEGARDNER: Motion vote.  
23 MR. DUZAN: Vote.  
24 MS. FIELDS: Mr. Carr?  
25 MR. CARR: Yes.

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1 MS. FIELDS: Ms. Kindrick?  
2 MS. KINDRICK: Yes.  
3 MS. FIELDS: Mr. Matheson?  
4 MR. MATHESON: Yes.  
5 MS. FIELDS: Mr. Nelson?  
6 MR. NELSON: Aye.  
7 MS. FIELDS: Mr. Rodriguez?  
8 MR. RODRIGUEZ: Yes.  
9 MS. FIELDS: Mr. Sowers?  
10 MR. SOWERS: Yes.  
11 MS. FIELDS: Ms. Wells?  
12 MS. WELLS: Yes.  
13 MS. FIELDS: Mr. Winegardner?  
14 MR. WINEGARDNER: Yes.  
15 MS. FIELDS: Ms. Wyatt?  
16 MS. WYATT: Yes.  
17 MS. FIELDS: Mr. Duzan?  
18 MR. DUZAN: Yes.  
19 MS. FIELDS: Motion passed.  
20 MR. DUZAN: Okay. Discussion for  
21 Rulemaking for 2019. The Oklahoma Pollutant  
22 Discharge Elimination System (OPDES) Standards.  
23 We have a presentation from Mark Hildebrand.  
24 MR. HILDEBRAND: Good afternoon. The --  
25 Hang on.

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1 MR. MATHESON: Give me just a second to --  
2 MR. HILDEBRAND: That kind of got my groove  
3 going there.  
4 MR. CARR: Do you bark?  
5 MR. HILDEBRAND: Chapter 606, Oklahoma  
6 Pollutant Discharge Elimination System Standards.  
7 We are proposing to update the incorporation by  
8 reference from July 1, 2016 to July 1, 2018. And we  
9 update these to insure that our regulations -- to  
10 insure that we can still run the OPDES program from  
11 EPA and administer the program rather than EPA do  
12 this.  
13 The most significant rule changes are the Method  
14 Update Rule, which is going to modify the approved  
15 analysis and testing requirements under the Clean  
16 Water Act. And I think Chris is going to talk about  
17 that on down the line two items later, so I'll --  
18 he'll give a lot better detail on that.  
19 And then another update was that EPA has set a  
20 February 6, 2020 as the applicability date of the  
21 new Waters of the United States definition. So I  
22 guess that's the date they are going to have a  
23 definition.  
24 And then one of the main things is establishing  
25 two alternative procedural approaches for us or the

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1 situation arose where we would need to do something  
2 like that, it would be an option.  
3 And that's all there is for Chapter 606 unless  
4 y'all have got any questions.  
5 MR. DUZAN: Comments from the Board?  
6 Comments from the public?  
7 Okay. We'll move on to Section B which is  
8 General Water Quality. Again Mark Hildebrand.  
9 MR. HILDEBRAND: Okay. For Chapter 611,  
10 General Water Quality, we have already decided to  
11 withdraw our rulemaking activities for this chapter  
12 because it's really not applicable to DEQ. It would  
13 be a -- EPA hasn't changed their procedure and it  
14 really wouldn't affect us. So we went ahead and  
15 pulled that rulemaking.  
16 MR. DUZAN: Okay. I guess any questions or  
17 comments from the council?  
18 The public?  
19 Okay. I guess we're moving onto part C, which  
20 is laboratory accreditation, field accreditation,  
21 and TNI accreditation. And presented by Chris  
22 Armstrong.  
23 MR. ARMSTRONG: Good afternoon, everyone.  
24 Most of you realize that the laboratory service  
25 advisory council became part of this council

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1 permitting authority to issue NPDES general permits  
2 for small municipally separate storm sewer systems,  
3 or MS4s, to insure that the discharge of pollutants  
4 is reduced to the maximum extent practical.  
5 And one, they call it the comprehensive general  
6 permit, which is pretty much what we do now where we  
7 give the permit and we have public meetings and  
8 issue a one-size-fits-all permit for all the towns  
9 that have -- or municipalities, entities, sometimes  
10 they are counties, to have this municipal separate  
11 storm sewer system permit. And everybody has got to  
12 comply with the same permit. We have a public  
13 notice. We have meetings. And then the permit is  
14 issued like we do on general permits.  
15 And then there is also a way where we can do  
16 what they call the two-step general permit where you  
17 have separate requirements for certain  
18 municipalities or -- which is basically it turns out  
19 to me like an individual permit because you would  
20 have to do a separate public notice and possibly  
21 separate hearings and things like that.  
22 I don't really foresee much of a chance that  
23 we're going to lean that way to use the two-step  
24 permit because it would be a whole lot more work and  
25 labor intensive for us. But I guess if the

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1 probably four to five years ago. And as a result of  
2 that, you're going to get tortured with some  
3 laboratory chapter information today.  
4 The SELSD Laboratory Accreditation Program will  
5 be proposing permanent rule changes for all lab  
6 chapters. And that is Chapter 301, Chapter 302, and  
7 Chapter 307, laboratory accreditation, field  
8 laboratory accreditation, and TNI laboratory  
9 accreditation.  
10 These proposals will include minor permanent  
11 rule language changes, an update to federal rule  
12 references from July 2014 to July 2018 and fees.  
13 You should have received a memo of a proposal for  
14 fees for laboratory accreditation as well. I just  
15 kind of like the silence when anybody talks about  
16 fees.  
17 A general language change would be made to QAQC  
18 with a new requirement, which is really an old good  
19 laboratory practice for support equipment. All  
20 support equipment, balances, thermometers,  
21 pipettors, et cetera, shall be calibrated or  
22 verified at least annually using a recognized  
23 national metrology institute such as NIST. This is  
24 just a common sense practice and something we need  
25 to get into the rules.

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1 As well as a significant change to Chapter 307,  
2 TNI Laboratory Accreditation at 252:307-9-8, Failure  
3 to Perform. "Laboratory suspension will occur when  
4 a laboratory fails to maintain a history of at least  
5 two acceptable PT studies for each field proficiency  
6 testing out of the most recent three. The  
7 suspension will be temporary lasting no more than  
8 six months or when the accreditation expires,  
9 whichever is less. The laboratory must notify the  
10 laboratory accreditation program of its intent to  
11 regain accreditation through submission of a  
12 corrective action response. Failure to meet the  
13 requirements of this chapter or submit a corrective  
14 action for suspension will result in non-renewal for  
15 the failed field of accreditation for a category."  
16 This is new language. It's required TNI  
17 language, and that's why you are seeing this  
18 proposal for permanent rulemaking change.  
19 Mark mentioned the Method Update Rule. Last  
20 January 2018 I made a pretty detailed presentation  
21 to the council on the Method Update Rule. And that  
22 is the federal incorporation of the 2017 Method  
23 Update Rule, the revised 40 CFR, Part 136, Clean  
24 Water Act for the analysis of effluent that became  
25 effective September 27, 2017.

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1 inspection, findings of nonconformity, review and  
2 reporting, corrective action, review and closeout.  
3 This mic sounds like it's a little fuzzy to me  
4 I'm already feeling a little fuzzy.  
5 As the requirement for laboratory accreditations  
6 have increased in complexity, so has the expense for  
7 the on-site assessment. The broader scope of  
8 accreditation, the greater the expense of the  
9 on-site assessment. Depending on the size and  
10 scopes of accreditation for a laboratory, it may be  
11 a one assessor, one day event. It may be a three  
12 day, three assessor event. Or it may be even  
13 greater for both of those, depending on the size of  
14 the laboratory.  
15 The DEQ laboratory accreditation program has  
16 never had fee for on-site assessment and is the only  
17 accreditation or certification authority in the  
18 region that does not have a fee. And I think you'll  
19 find in your memos some comparisons of that.  
20 So today I want to introduce to you a need for  
21 such a fee and how it might appear in our rules.  
22 The fees would vary somewhat by chapter, but would  
23 be based on at cost assessor hourly time and labor  
24 expense. Everything we just discussed above for an  
25 assessment, but it would also include for some

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1 That rule talks about the addition and approval  
2 of additional methodology for the testing of  
3 effluent. It talks about alternative test  
4 procedures. And it talks in great detail about the  
5 method detection limit procedure. This  
6 incorporation for new method detection procedure  
7 would be for all environmental laboratories,  
8 including certified lab operator labs. And that's  
9 really the biggest change out of the Method Update  
10 Rule.  
11 We will propose the addition of the new 2017 MUR  
12 to our laboratory accreditation rules and some of  
13 the water quality discharge rules that Mark spoke to  
14 in general a little bit ago.  
15 Now I want to speak to you briefly about  
16 laboratory accreditation and specifically on-site  
17 assessment for laboratory accreditation. For a lab  
18 to be accredited, it must complete an application  
19 and satisfactorily complete an on-site assessment  
20 and inspection. An on-site assessment is when  
21 accreditation assessors visit a facility or a  
22 laboratory and inspect that facility per laboratory  
23 accreditation requirements. An assessment includes  
24 preparation, preliminary application, and document  
25 review, travel, staff interviews, assessment

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1 assessments per diem and hotel expense.  
2 And if this isn't enough, along came State  
3 Question 788, followed by Title 310, Oklahoma State  
4 Department of Health's Chapter 681, Medical  
5 Marijuana Control Program, and a subchapter within  
6 that, Subject Chapter 8 for laboratory testing.  
7 From the OSDH draft rules, a laboratory that  
8 will perform testing of medical marijuana and  
9 marijuana-derived products, must be accredited by  
10 The NELAC Institute (TNI), ANSI/ASQ National  
11 Accreditation Board or other accrediting  
12 organizations that has developed and maintained an  
13 independent system based upon international  
14 organizations for standardization and International  
15 Electrotechnical Commission (ISO/IEC) 17025  
16 standards or other appropriate ISO/IEC standards as  
17 determined by the Department.  
18 ISO 17025 is TNI.  
19 The Oklahoma Medical Marijuana Authority will  
20 not consider a laboratory for approval as an  
21 approved laboratory until its accreditation is  
22 accepted and all other requested materials are  
23 approved and have been submitted, reviewed,  
24 accepted. The laboratory is then eligible for  
25 licensure.

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1 So to become licensed, you must first become  
2 accredited. The catch for us is, the DEQ became the  
3 recognized NELAC accreditation body, or TNI for the  
4 State of Oklahoma, April 2, 2018.

5 The DEQ Oklahoma AB is the primary environmental  
6 accreditor for compliance testing labs within  
7 Oklahoma and could become and accreditor for  
8 Oklahoma labs seeking medical marijuana licensure.  
9 Chapter 307. TNI laboratory accreditation rule  
10 changes would be required to accredit medical  
11 marijuana laboratories. The rule would require an  
12 addition of a class, medical marijuana. The rule  
13 would require accreditation categories, as well as  
14 new fees, because there won't be anything cheap in  
15 doing these accreditations. The proposed new  
16 categories would be cannabinoids, metals,  
17 mycotoxins, microbiology, foreign materials,  
18 residual pesticides, residual solvents, water  
19 activity, and moisture content.

20 These matrices and the test methods are new to  
21 the DEQ Laboratory Accreditation Program and  
22 therefore would require both new categories and fees  
23 for us to accredit.

24 If Chapter 307 -- excuse me. If Chapter 307  
25 rules are amended to include a medical marijuana

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1 beyond those of the council, you can please contact  
2 David Caldwell or myself. Dave is the laboratory  
3 accreditation program manager here with us today.

4 And with that, thank you. And I'll attempt to  
5 entertain questions if you have any.

6 MR. DUZAN: I have a couple.

7 MR. ARMSTRONG: There's a surprise.

8 MR. DUZAN: Going back to the -- start kind  
9 of at the beginning. The first part of that, you  
10 said annual certification for metrological, you had  
11 balances. What else was in that list? I don't  
12 remember --

13 MR. ARMSTRONG: Well, I mean, if you are  
14 thinking about thermometers and pipettors and things  
15 like that.

16 MR. DUZAN: So --

17 MR. ARMSTRONG: You could have something  
18 you can stand -- you've got to have some kind of  
19 certification you can stand behind.

20 MR. DUZAN: Okay.

21 MR. ARMSTRONG: The calibration of a  
22 pipettor.

23 MR. DUZAN: Because currently the NELAC  
24 requires quarterly check for mechanical pipettors,  
25 support equipment. So you are saying that rule is

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1 accreditation through routine rulemaking, the SELS  
2 would most likely not accredit medical marijuana  
3 until after July 1, 2019, as late as September or  
4 October of 2019. That is without an earlier  
5 legislative mandate. Which as you guys -- if you  
6 guys have been following the news, anything is  
7 possible with this.

8 There are other nongovernmental accreditation  
9 bodies outside the State of Oklahoma that can  
10 provide medical marijuana testing accreditation to  
11 ISO 17025 standards. That's ANSI/ASQ, National  
12 Accreditation Board, the American Association of  
13 Accreditation (A2LA), Perry Johnson Laboratory  
14 Accreditation, Inc. These are not easy  
15 accreditations to receive.

16 And to date the DEQ LAP has received three  
17 inquiries for accreditation from Oklahoma NELAC  
18 accredited laboratories to test medical marijuana.

19 And the Oklahoma State Department of Health  
20 medical marijuana rules continue to be revised. And  
21 that's -- common use, that's kind of hanging as to  
22 what these rules might actually look like and what  
23 the fees might actually look like in conjunction  
24 with this portion of the rule proposal.

25 And with that, if anyone present has questions

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1 going to change where we would have to send all of  
2 our pipettes out once a year?

3 MR. ARMSTRONG: I don't think that's what  
4 I'm saying. But Mr. Caldwell may want to correct me  
5 on that. I think it's more along the lines that  
6 usually if you are calibrating the pipette, you are  
7 doing the gravimetrically.

8 MR. DUZAN: Correct.

9 MR. ARMSTRONG: And therefore you are going  
10 to want to have some kind of certified ways to  
11 actually account for that.

12 MR. DUZAN: Okay. Because currently the  
13 way the NELAC guide is for mechanical pipetting, you  
14 verify them quarterly. The balances are annual.  
15 The weights are annual. So there's not much a  
16 change then.

17 MR. ARMSTRONG: Other than you need to have  
18 a certification behind what's going on with it.

19 MR. DUZAN: Okay.

20 MR. ARMSTRONG: Like NIST.

21 MR. DUZAN: I guess the next thing, going  
22 to the field certification, you said they didn't  
23 keep up with their PTs. It's still going to be you  
24 have to pass two of three?

25 MR. ARMSTRONG: Yes.

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1 MR. DUZAN: To be -- okay. That's what I  
2 thought, but I was just --  
3 MR. ARMSTRONG: I mean the big change with  
4 that, Brian, is that -- I mean, it's always been two  
5 of the last three. The change is the time periods  
6 and the fact that you have got to file corrective  
7 action with it. And you've got six months to  
8 complete the corrective action. If not, then you're  
9 going to lose your accreditation for that category.  
10 MR. DUZAN: Okay. I guess the next thing  
11 is -- for me is the fees that -- I think most of the  
12 current, you know, I think anticipated fees, I was  
13 paying -- primarily it was Louisiana and I was  
14 paying five, six grand a year -- every two years.  
15 So the fees are pretty much in line with what I was  
16 expecting or, you know, wasn't out in left field.  
17 Does any of the other members of the council  
18 have questions about -- I think probably just stick  
19 to the fees and the first stuff, and then we'll get  
20 to medical marijuana and the other --  
21 MR. ARMSTRONG: And can I add to that?  
22 MR. DUZAN: Yeah.  
23 MR. ARMSTRONG: What Brian is neglecting  
24 out of that is that he would no longer pay the old  
25 DEQ lab accreditation fee at the same time.

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1 MR. ARMSTRONG: Well, not at -- no, not at  
2 this time. But I'm not certain that we may not have  
3 some municipal labs that may not go TNI.  
4 MR. NELSON: Yeah. Okay.  
5 MR. DUZAN: But it could affect any --  
6 basically any laboratory that's in the certification  
7 program.  
8 MR. ARMSTRONG: Yes.  
9 MR. DUZAN: Will have to pay for their  
10 audit.  
11 MR. ARMSTRONG: Yeah, on-site assessment  
12 fee would be for anybody that's actually in the  
13 program.  
14 MR. NELSON: Okay.  
15 MR. ARMSTRONG: It's just a fee we've never  
16 had, you know. Four to five years ago, I did some  
17 fee proposals to this counsel and pretty much got no  
18 place with that. So --  
19 MR. NELSON: What's the marijuana aspect of  
20 this? As far as staffing goes, is it -- you don't  
21 have anybody up to speed on marijuana at this point,  
22 right?  
23 MR. ARMSTRONG: Oh, we're all  
24 professionals.  
25 No, you would -- we would need an FTE.

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1 Historically he was having to pay both the TNI  
2 accreditation fee, as well as a DEQ accreditation  
3 fee.  
4 MR. DUZAN: So any questions from the  
5 council on the first --  
6 MR. NELSON: So now I'm confused, Chris.  
7 MR. ARMSTRONG: Huh-oh.  
8 MR. NELSON: So there was --  
9 MR. ARMSTRONG: I said too much.  
10 MR. NELSON: There -- I'm sorry. There was  
11 a DEQ fee for accreditation before --  
12 MR. ARMSTRONG: But we just became -- we  
13 just became TNI -- a TNI accreditation body back in  
14 April.  
15 MR. NELSON: Okay. And before that?  
16 MR. ARMSTRONG: And before that, even  
17 though a private commercial lab chose to become a  
18 TNI, they did that with an out-of-state  
19 accreditor --  
20 MR. NELSON: Okay.  
21 MR. ARMSTRONG: -- prior to that. So they  
22 were actually hooked with actually paying two  
23 accreditations.  
24 MR. NELSON: Okay. So this really isn't  
25 affecting a municipal lab?

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1 MR. NELSON: Yeah. Okay. But --  
2 MR. ARMSTRONG: Well, and a whole lot of  
3 work.  
4 MR. NELSON: I guess --  
5 MR. ARMSTRONG: And one -- the big deal  
6 with this for us is like it's a matrix that we don't  
7 accredit to. Flowers, oils, things like that.  
8 MR. NELSON: Right.  
9 MR. ARMSTRONG: And then the test  
10 procedures as laid out within the OSDH rule at this  
11 point in time are AOAC methodologies. BAM FDA  
12 methodologies. Methods that we're not familiar with  
13 either.  
14 And therefore to bring an accreditor up to speed  
15 to go out and do that kind of accreditation will  
16 take a lot of additional work also.  
17 MR. NELSON: Well, sounds like it might  
18 even go other than medical marijuana, right?  
19 So -- and I suppose if that happens, then they  
20 are turning to DEQ again would you guess? I mean  
21 this is going to be a huge deal.  
22 MR. ARMSTRONG: Let's just take one step at  
23 a time. I don't think it will be on the ballot next  
24 round.  
25 MR. NELSON: No.



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1 MR. DUZAN: Is there any question from the  
2 public about fees or the Method Update Rule, which  
3 is kind of a --  
4 But the Method Update Rule won't take effect  
5 until September-ish of next year?  
6 MR. ARMSTRONG: If we go ahead and do  
7 proposed rulemaking, and if we run the same course  
8 that we have in the past where the legislatures  
9 don't truly take action on the rules, then it's up  
10 to the Governor to do -- to take referendum  
11 resolution. With that, it would most likely be  
12 September, October of 2019.  
13 MR. DUZAN: So the next council meeting  
14 we'll be voting on at least the Method Update Rule  
15 and fees. And then that will be presented to the  
16 DEQ board in January. Then it will all go to  
17 legislature?  
18 MR. ARMSTRONG: Yes.  
19 MS. CHARD: It's a --  
20 This is Shellie Chard. All fee rules must go to  
21 the Environmental Quality Board during legislative  
22 session. And so typically the Environment Quality  
23 Board will meet either the second or third week in  
24 February. So we would be looking at possibly in  
25 this late September council meeting or most likely

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1 this, we do not believe we should be rushed into it  
2 and we want to do it according to the best possible  
3 science available to us. So --  
4 And that means it's going to take a certain  
5 amount of time. It's going to take a certain amount  
6 of money. And by the way, is there a more  
7 appropriate path for the state to take for this  
8 testing and not burden DEQ with it?  
9 So has that kind of a response been made?  
10 MR. ARMSTRONG: We've talked about, okay,  
11 the problems with time. We've talked about the  
12 problems with implementation with this.  
13 But by becoming the accreditation body for the  
14 state, that throws us in a different category with  
15 this.  
16 There are other NELAC accreditation bodies  
17 within the country that are actually accrediting  
18 medical marijuana. You know, our best approach  
19 would be for if there's a lab out there that wants  
20 immediate accreditation, they are going to have to  
21 go to one of these nongovernmental, third-body  
22 accreditation bodies. Or OSDH is going to have to  
23 totally change their rules and the requirements for  
24 testing.  
25 I personally don't think that should happen.

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1 the January council for anything that has to do with  
2 fees.  
3 MR. DUZAN: Okay.  
4 MR. ARMSTRONG: Thank, you Shellie.  
5 MR. DUZAN: I guess is there any questions  
6 of council about the medical marijuana?  
7 MR. ARMSTRONG: Everybody wants a license.  
8 MR. RODRIGUEZ: I've sensed some concern --  
9 I sensed some concern on the part of DEQ over  
10 whether or not this is something that can be  
11 processed appropriately in a timely fashion or in  
12 the time line that is being placed before you. Is  
13 that correct? Is there concern?  
14 MR. ARMSTRONG: Yes, Jim, there is concern.  
15 MR. RODRIGUEZ: Is their concern that --  
16 and that concern is based on the fact that this is  
17 outside of the type of testing that you've  
18 traditionally been responsible for?  
19 MR. ARMSTRONG: Yes.  
20 MR. RODRIGUEZ: So might a response on the  
21 part of DEQ to the effect that -- and maybe you've  
22 already done this. A response to the effect that,  
23 you know, we strongly feel that this is something  
24 that we should not be -- you know, if the other  
25 entities of government decide we are responsible for

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1 Because I think you want some pretty rigorous  
2 standards behind whoever is doing this type of  
3 testing. But I have no idea what they are going to  
4 do next.  
5 I mean, we've got committee representatives.  
6 David and I have both been meeting with the OSDH  
7 officials on a routine basis. It is what it is  
8 right now.  
9 MR. RODRIGUEZ: I know that the industries  
10 that I represent certainly want the most rigorous  
11 examination that is available on this particular --  
12 or really on anything that is supposed to be  
13 medical, that that should be to the highest  
14 scientific standards and the -- it shouldn't be  
15 something that's rushed.  
16 MR. ARMSTRONG: I agree, sir.  
17 MR. DUZAN: Okay.  
18 MR. ARMSTRONG: If nothing else, this  
19 becomes a place marker for us as they go ahead and  
20 continue to determine what the rules really will be.  
21 Go ahead.  
22 MR. DUZAN: No. I think we have a --  
23 somebody from the public.  
24 MR. ARMSTRONG: Thank you.  
25 MR. GROUND: I'm Bud Ground with the

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1 Environmental Federation of Oklahoma. I just had a  
2 question on the fees, the proposed fees. And that  
3 is if they have been published and where the public  
4 can see them so we can know what these new fees are  
5 going to be? Laboratory fees.  
6 MR. ARMSTRONG: No, these have not been  
7 published as of yet. This is just informational to  
8 the council at this point in time.  
9 The council did receive a memorandum from me  
10 that talked about these fees as at-cost fees. And  
11 if there's anybody in the audience that is  
12 interested in receiving a copy of that memo, I'd be  
13 happy to get that to you now.  
14 MR. DUZAN: Okay. I would like to say,  
15 too, that, you know, you had mentioned in your deal  
16 that Oklahoma became a primary for NELAC. That is  
17 something that -- you talked about the Laboratory  
18 Services Advisory Council. This process has been  
19 going on 10, 12 years?  
20 MR. CALDWELL: 20 years.  
21 MR. DUZAN: 20 years?  
22 MR. ARMSTRONG: 20 years.  
23 MR. DUZAN: It's been going on a long time  
24 and it's a big accomplishment for the state. And  
25 for Chris Armstrong and David Caldwell who is here

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1 legislature changes the rules.  
2 MR. ARMSTRONG: I can't say no way. As it  
3 is now, you've got to be accredited before you can  
4 get a license.  
5 MR. DUZAN: And the DEQ is not going to be  
6 able to accredit until -- legally until July-ish  
7 next year?  
8 MR. ARMSTRONG: At the earliest.  
9 MR. DUZAN: At the earliest. Okay.  
10 Okay. Any other questions for Chris?  
11 MR. ARMSTRONG: Thank you all.  
12 MR. DUZAN: Okay. Next on the list is  
13 water works and wastewater works operator  
14 certification. Robert Carr, Mark Matheson. Mark.  
15 MR. HILDEBRAND: I'm just going to stay  
16 down here.  
17 MR. DUZAN: Okay.  
18 MR. CARR: I'm going to kick this off here.  
19 As this item states that -- well, let me give you a  
20 little more background than that.  
21 Back when the Water Works and Wastewater Works  
22 Advisory Council was in existence, there was some  
23 discussion at that point in time about the potential  
24 of increasing operator certification hours for  
25 renewals. And for various reasons, that pretty well

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1 who has put in I don't know how many hours, you  
2 know, going through paperwork and getting everything  
3 ready. So it is a big accomplishment for the DEQ.  
4 So I would like to commend you guys on getting  
5 there.  
6 MR. ARMSTRONG: Thank you, sir.  
7 MR. CALDWELL: Thank you.  
8 MR. DUZAN: Is there any more comments from  
9 the Board on medical marijuana?  
10 Is there any comments from the public on the  
11 medical marijuana?  
12 Okay. So best case scenario, it's the same  
13 thing. It would be September before -- or  
14 July 31st --  
15 Or renewal is September 1st, right? For -- I  
16 mean, if this went through --  
17 MR. ARMSTRONG: What will be that renewal  
18 cycle for medical marijuana?  
19 MR. DUZAN: Well, I figured it would be in  
20 with all the -- just one more list on our  
21 certificate.  
22 MR. ARMSTRONG: Just another small detail.  
23 MR. DUZAN: Yeah. But regardless, there's  
24 no way that Oklahoma is going to certify labs prior  
25 to it going through this -- well, unless the

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1 died on the vine. But the biggest reason was that  
2 the certification council was combined into this  
3 council. And I think you were on the council, Mark,  
4 and as I was.  
5 And a few months ago, there was some  
6 conversation that was held by a couple of the  
7 professional organizations, one of which was the  
8 southwest section of the American Water Works  
9 Association. I think there may have been a little  
10 conversation about it also with the Oklahoma Water  
11 Environment Association about approaching DEQ again  
12 to, you know, consider going from four hours of  
13 renewal credit every year to increasing the amount  
14 of hours for operators.  
15 There was a survey of different states that was  
16 conducted to see what the requirements were in the  
17 surrounding states which I did not bring with me  
18 today. I don't know if you have got it, Mark, or  
19 not. But the consensus was that in order to  
20 increase the professionalism of operators, that  
21 there should be more some more conversation about  
22 this topic.  
23 So one of our members had approached Mark  
24 Hildebrand to talk about the potential of doing  
25 that, and they -- and it was suggested at that time

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1 that some of us get together and talk about it in  
2 advance of this meeting. And Mark Matheson, myself,  
3 and Mark Hildebrand met to talk about the topic.  
4 I think there's still some consensus that  
5 something should be considered. But at the time of  
6 our meeting, we felt that it was probably more  
7 advantageous to form a stakeholder group to talk  
8 about this. And the Oklahoma Municipal League, as  
9 well as the Oklahoma Rural Water Association, was  
10 approached to see about adding potential members to  
11 this stakeholder's group, which at this point in  
12 time is the three of us, myself, Mark Matheson, and  
13 Mark Hildebrand.  
14 I know that talking with Mark Hildebrand earlier  
15 today, that there was some names that were brought  
16 into consideration. And I don't have those names,  
17 but if you want to address that, Mark.  
18 MR. HILDEBRAND: Sure. After we met, the  
19 three of us met a couple of three weeks ago, we  
20 decided we'd ask rural water for two stakeholders  
21 and the municipal league for two stakeholders. And  
22 so far we've got three people. We've got Sheldon  
23 Tatum from Hughes County Rural Water District  
24 Number 6. We've got Hong Fu, who is the  
25 environmental services director in Ponca City,

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1 has the potential of skewing what the conversations  
2 would all be about. It may be possible that later  
3 someone or somebodys from a larger municipality may  
4 be invited to attend this also in the future, but  
5 we're just not in a position to be able to do that  
6 right at this time or consider any of that.  
7 Mark, have you got anything else you might want  
8 to add?  
9 MR. MATHESON: No, I think you pretty much  
10 covered it. I know a couple of things we talked  
11 about is here at DEQ operator certification, there's  
12 going need to be some technology upgrades and things  
13 to be able to handle that extra workload and stuff  
14 like that. So those are things we'll also be  
15 discussing.  
16 MR. CARR: That's basically the report that  
17 we had at this point in time.  
18 MR. NELSON: Robert, what do you all think  
19 about or have you considered whether the training  
20 infrastructure will need to be sussed up for this?  
21 Is there enough opportunity out there to get the  
22 training if we would say double that? Or --  
23 MR. MATHESON: That doesn't -- those were  
24 some of the things that we talked about that we  
25 probably need to discuss in our stakeholder group.

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1 Oklahoma. And also Paul Streets, who is the public  
2 works administration assistant director in Midwest  
3 City. And rural water has got a couple of name --  
4 feelers out for two people and they haven't quite  
5 responded that they were going to commit to help  
6 with the stakeholders group or not at this point.  
7 MR. MATHESON: We've got one committed,  
8 which is Sheldon Tatum, and then waiting on a couple  
9 of responses back for the other persons.  
10 MR. HILDEBRAND: All right.  
11 MR. CARR: It was pretty well -- amongst  
12 the three of us, we recognize that there are some  
13 challenges here at DEQ. Challenges with the  
14 operators also. Some operators may be only working  
15 with a very small system. They may be the only  
16 operator and it might be difficult for them to be  
17 able to get additional training. So we were not  
18 really in a position to get into any details without  
19 getting this stakeholders group together so that we  
20 can vet this a little bit more and see what the  
21 options might be.  
22 None of us are in a position to make any  
23 recommendations at this point in time. The one  
24 thing that we did talk about was not to include the  
25 large municipalities, in that that could actually --

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1 Because we all know more training is going to  
2 require more resources, whether it's trainers,  
3 funding, and even more resources on the part of the  
4 operators because may have to travel to more than  
5 one class.  
6 Looked at the opportunity maybe of some online  
7 training.  
8 MR. NELSON: Yeah.  
9 MR. MATHESON: That they could do at their  
10 own convenience, along with some classroom training.  
11 So we've talked about several different options.  
12 We've just got to figure out how we're going to do  
13 it, what it's going to cost, and how it's going to  
14 get paid for.  
15 MS. CHARD: And this is Shellie Chard. I  
16 was just going to add, kind of as that group starts  
17 working, we may also ask them to look into some  
18 things such as what kind of training operators are  
19 attending. Is it applicable for their type of  
20 treatment. Looking at are we offering enough  
21 training on advanced treatment.  
22 We've kind of done a lot of the basic training  
23 for a long time. While that's still needed for new  
24 operators, we know we have a lot of technology and  
25 it's changing every day, so we want to include some

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1 of that just so we make sure we keep everybody up to  
2 date a little bit better maybe than we have in the  
3 past.  
4 And something that's going to come back around  
5 at some point, this is that off-in-the-future topic,  
6 but I keep hearing more about it, and that is how do  
7 we deal with water reuse, indirect or direct potable  
8 reuse treatment facilities.  
9 Right now the way the rules, you know, read,  
10 they require drinking water and wastewater  
11 certification. Now the State of Texas, the Texas  
12 AWWA Chapter, is looking at a new certification that  
13 would be for water reuse. I don't think that's our  
14 tomorrow issue for operator certification, but it's  
15 definitely something that's on the horizon. So  
16 depending on how the group works, then how long they  
17 could commit, we may tap into that group or create a  
18 new group to go start looking at some of those  
19 issues as well.  
20 MR. DUZAN: Okay. So another volunteer  
21 advisory council that went away that --  
22 MR. CARR: Uh-huh.  
23 MR. DUZAN: -- was doing some good work.  
24 Okay. Any discussion from the council?  
25 Any discussion from the public?

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1 And we've seen some other staffing changes just  
2 kind of through the normal turnover. So it's kind  
3 of slowing down some of the things that we've been  
4 working on with Region 6. Any time you have a lot  
5 of change, we see the wheels slow down a little bit  
6 before they can pick up speed and gain momentum.  
7 One of the big issues that we are working with  
8 Region 6 is produced water from oil and gas  
9 exploration production. Legislation occurred that  
10 allowed Oklahoma to seek authority to issue  
11 discharges from well sites, produced water. DEQ has  
12 had the authority to issue those permits for  
13 centralized treatment facilities, but statutes  
14 strictly prohibited any state agency from seeking  
15 authority to issue discharge permits for direct  
16 discharge of produced water.  
17 That statutory language was changed last session  
18 to allow us and the Corporation Commission to work  
19 together to seek that authority. And then we have a  
20 jurisdictional memorandum with the Corporation  
21 Commission where we would actually be the state  
22 agency with that authority.  
23 We're slogging along through that process. For  
24 those of you who were around when we went through  
25 the initial round of delegation, which there aren't

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1 Okay. We'll move on to the director's report.  
2 Shellie Chard.  
3 MS. CHARD: Okay. I have several things  
4 that I just wanted to touch on briefly and kind of  
5 let you all know what's going on on a national level  
6 that are affecting us.  
7 I'm sure you've heard we have a change in EPA  
8 administrators. That was not done quietly. Andy  
9 Wheeler is the acting administrator. So far he has  
10 committed to working with the state, collaborating,  
11 sending his staff to meet with the various states on  
12 issues. We don't know if he will be the long-term  
13 administrator. But for now that's who it is and we  
14 are continuing to work closely with EPA.  
15 We've had another change in water directors at  
16 EPA Region 6. Charlie Maguire, who previously had  
17 worked some for the Texas Commission on the  
18 Environment and also the Texas Water Board dealing  
19 with water quantity issues, he spent quite a bit of  
20 time working in the UIC programs. So he has taken  
21 over earlier this month.  
22 He's somebody we have worked with some, at least  
23 know who he is. He definitely brings the state  
24 perspective into Region 6, which we think that's  
25 going to be helpful.

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1 very many of us left I don't think, it was about a  
2 four to five year process. We're trying to make  
3 this through just an addition to our program and not  
4 have to do a major wholesale revision.  
5 We are having to provide EPA a lot of  
6 documentation, but we are working with them, so  
7 hopefully there's more news to come on that front.  
8 Other activities on produced water. It's got a  
9 lot of attention in the last few months. Especially  
10 EPA headquarters, EPA Region 8 are both doing some  
11 research studies on produced water. And EPA  
12 recently entered into a memorandum with New Mexico  
13 to do a produced water study. And the Groundwater  
14 Protection Council, headed up by your former  
15 colleague, Mike Paque, who has joined the  
16 Environmental Quality Board, that organization is  
17 about a year into a two-year study on produced water  
18 and the thought of having a report out sometime next  
19 summer. So that is definitely an area we're talking  
20 a lot about that came up.  
21 In the Comprehensive Water Plan, the water for  
22 2060, DEQ has been participating in various produced  
23 water workgroups with the water board and other  
24 state agencies and then on a national level. So  
25 that's something we're definitely going to continue

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1 to talk about.

2 It's been identified as a significant volume of  
3 water that perhaps we could offset some of the fresh  
4 water use in the oil and gas fields in production or  
5 possibly in industrial uses. We are seeing some  
6 agriculture food crop irrigation, road salts during  
7 ice and snow weather conditions.

8 Originally the thought was, "Well, maybe this  
9 someday is a source of drinking water." I think  
10 that's the way down the road looking into the future  
11 just because of the level of treatment necessary,  
12 the byproducts. How do you dispose of that? We  
13 don't want to create bigger problems than the ones  
14 we are trying to solve. So I think that's going to  
15 be an area that you're going to be hearing about  
16 quite a bit either through news media outlets as  
17 these studies start being completed and released.

18 And you'll definitely be hearing about it from  
19 us. We're hoping we're not going to have to do a  
20 lot of rulemaking to be able to manage produced  
21 water the way we think we can. But then we will  
22 also be participating in overseeing some research  
23 studies and being involved in those as we move  
24 forward.

25 We have been working pretty closely with the EPA

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1 maintain steady funding. So that was kind of a  
2 welcome outcome of the legislative session. So we  
3 were able to in the Water Quality Division basically  
4 maintain the same level of staffing that we had last  
5 year, rather than have another round of cuts. So  
6 that was good news.

7 Two things that are potential other rulemaking  
8 items that you might see between now and January,  
9 but I don't know a hundred percent if you will see  
10 them. We're still kind of waiting on some of the  
11 legal determination. But there is a possibility  
12 that you could see Chapter 626, the Public Water  
13 Supply Construction Standards definition of a public  
14 water supply again. There was an administrative  
15 error that occurred. The term "mobile home park"  
16 was still in the rule and the Manufactured Housing  
17 Association had asked us to make that change.

18 It was made in Chapter 631 in what was signed by  
19 the Governor, but in Chapter 626 you all did pass it  
20 with the correct language. But what was ultimately  
21 signed by the Governor did not have the right  
22 language.

23 It's possible that it may only have to go back  
24 through the Environmental Quality Board. But you  
25 all could have to see it again and send it to the

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1 and other states as EPA is currently developing what  
2 they call their core performance measures.

3 Currently they have 147 for water. That seems like  
4 a lot of performance measures if they are all core  
5 performance measures. EPA has started a process  
6 with Henry Darwin, who came from the State of  
7 Arizona, kind of going through a process of engaging  
8 stakeholders, the co-regulators to really identify  
9 which of the 147 items really are critical, which  
10 are maybe really good, and why are we tracking some  
11 of these things or why are we asking the regulated  
12 community or our states for this information.

13 So that's an interesting process, going through  
14 it as a very detailed look at how we track the  
15 success of the Clean Water Act, the State Drinking  
16 Water Act programs.

17 So for you all, that may mean changes in rules  
18 that we have to make as we adapt to new measures,  
19 how they fit in with our existing programs, grant  
20 commitments for our federal dollars, which ties into  
21 our budget of course. So it all gets interconnected  
22 in a hurry.

23 Budget. For the first time in more years than I  
24 would want to try to count back, we do not have a  
25 state general revenue budget cut so we were able to

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1 Board, go through the whole process. So we will let  
2 you know how that plays out.

3 And then Chapter 653, which is the Aquifer for  
4 Storage and Recovery Rules, a procedural error on  
5 the part of the agency sent the fees too early, so  
6 those definitely have to come back through the Board  
7 in February. They may have to come back through you  
8 all in January and then to the Board in February.

9 We would not propose any changes to what had  
10 been previously recommended by this council to the  
11 Board or what the Board approved. It's just one of  
12 those things between the agency, the Secretary of  
13 the State, the legislature, the Governor. It  
14 doesn't happen very often, but we had two of them in  
15 a six-month period and they both affect the work of  
16 this council. So I apologize for that.

17 And we'll -- if we can work through it and not  
18 have to bring it back through everybody, we will.  
19 But after talking to the general counsel, Rob is  
20 going to look into it further, but we expect that  
21 you will see both of those probably in January.

22 With that, I will just make a couple of staffing  
23 announcements that we've had some changes through --  
24 we had one of our wastewater managers leave, and  
25 Karen Steele is now the municipal permits and storm

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1 water permitting manager. She took on that role  
 2 about a week ago, two weeks ago.  
 3 And then we also have a new drinking water  
 4 manager. Travis Archer is taking over managing the  
 5 field inspection and engineering drinking water  
 6 section.  
 7 Kay Coffey, who has been with the agency way  
 8 before the agency existed, she is still within the  
 9 water quality division and she is taking on some of  
 10 the higher profile and research-related drinking  
 11 water issues we're dealing with right now. All of  
 12 the PFAS compounds, some reservoir dredging  
 13 projects, some things along those lines. And then  
 14 she's also going to continue with some of the  
 15 training that she provides for the water quality  
 16 staff, as well as our environmental complaints and  
 17 local services staff. And she will be involved in  
 18 the outreach and training for the regulated  
 19 community.  
 20 So I just wanted to share that with you for  
 21 those of you who interact pretty frequently with  
 22 that group. We did have those changes.  
 23 So with that, I will stop there and entertain  
 24 any questions you might have.  
 25 All right. Thank you.

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1 MS. WELLS: Yes.  
 2 MS. FIELDS: Mr. Winegardner?  
 3 MR. WINEGARDNER: Yes.  
 4 MS. FIELDS: Ms. Wyatt?  
 5 MS. WYATT: Yes.  
 6 MS. FIELDS: Mr. Duzan?  
 7 MR. DUZAN: Yes.  
 8 MS. FIELDS: Motion passed.  
 9 MR. DUZAN: So we are adjourned.  
 10 (The meeting was adjourned at 2:56 p.m.)  
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1 MR. DUZAN: Okay. Thank you. I guess now  
 2 we're on to new business.  
 3 Okay. So if there's no new business. Our next  
 4 scheduled meeting is September 25, 2018, two  
 5 o'clock, Multipurpose Room, first floor DEQ  
 6 building, 707 North Robinson in Oklahoma City,  
 7 Oklahoma, which is this room. So September 25th at  
 8 two o'clock.  
 9 And do we have any -- a motion for adjournment?  
 10 MR. RODRIGUEZ: So moved.  
 11 MR. NELSON: Second.  
 12 MR. DUZAN: Vote?  
 13 MS. FIELDS: Mr. Carr?  
 14 MR. CARR: Yes.  
 15 MS. FIELDS: Ms. Kindrick?  
 16 MS. KINDRICK: Yes.  
 17 MS. FIELDS: Mr. Matheson?  
 18 MR. MATHESON: Yes.  
 19 MS. FIELDS: Mr. Nelson?  
 20 MR. NELSON: Aye.  
 21 MS. FIELDS: Mr. Rodriguez?  
 22 MR. RODRIGUEZ: Yes.  
 23 MS. FIELDS: Mr. Sowers?  
 24 MR. SOWERS: Yes.  
 25 MS. FIELDS: Ms. Wells?

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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 31st day of July, 2018 at the time of  
 10 2:00 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 3rd 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



# WATER QUALITY MANAGEMENT ADVISORY COUNCIL

## Attendance Record

July 31, 2018

Department of Environmental Quality  
Oklahoma City, Oklahoma

CHECK BOX TO COMMENT

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Address and/or Phone and/or E-Mail

<u>NAME</u> and/or <u>AFFILIATION</u>	<u>Address</u> and/or <u>Phone</u> and/or <u>E-Mail</u>
Traci Kelly DEQ-WAQ	traci.kelly@deq.ok.gov
Terry Wyatt WQMAC Member	
Mark Hildebrand DEQ-WAQ	mark.hildebrand@deq.ok.gov
John McCright WFEC	john.mccright@wfec.com
Terry Lyhane DEQ	terry.lyhane@deq.ok.gov
Duane Winegardner WQMAC	duanewinegardner@cox.net
DAVID CALDWELL DEQ	David.Caldwell@DEQ.OK.GOV
Jon Nelson WQMAC	jon.nelson@tetrapak.com
Joe Miller Stillwell Utility	joe@stillwellutilities.com
Shelli Chavel DEQ	
Diana Field DEQ	
Brian Duran GUT	
Tam Dizikes DEQ	
JENNIFER BOYUE DEQ	
Betsy Strenli DEQ	
Lee Dooley DEQ	
Travis Couch DEQ	
Brandt Sterling DEQ	
Ch Amity DEQ	
Chris Wisniewski DEQ	
Sermy Blodgett OGE	blodgett@oge.com
Jeff Franklin ODEQ	
Mark Barton PSO	markbarton@psa.com



**WATER QUALITY MANAGEMENT  
ADVISORY COUNCIL**

**Attendance Record**

**July 31, 2018**

**Department of Environmental Quality  
Oklahoma City, Oklahoma**

**CHECK BOX TO COMMENT**

NAME and/or AFFILIATION

Address and/or Phone and/or E-Mail

Bud Ground

EFD

Michelle Wynn

DEQ