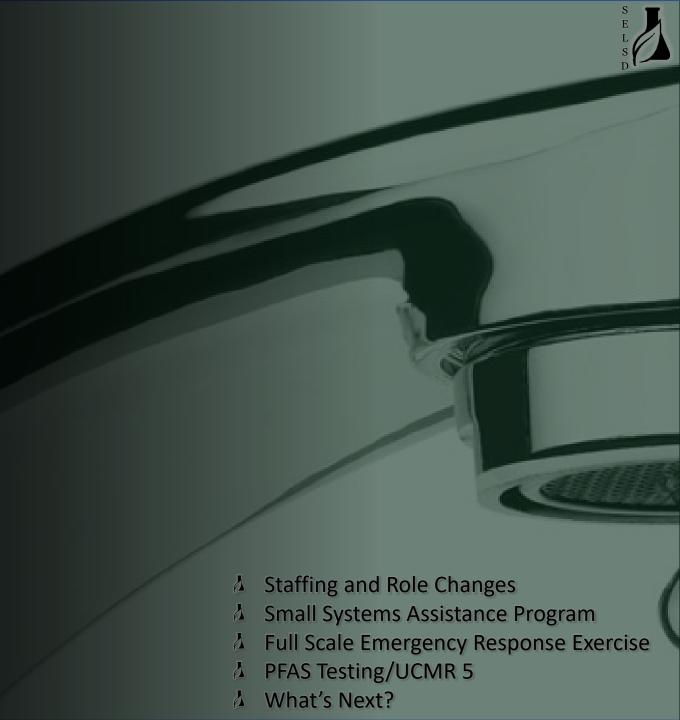
### ODEQ Principal Laboratory Update

EFO Regulatory Update June 17th, 2021 Jeff Franklin Cody Danielson





Karina Blanton new SELSD Quality Assurance Officer 3/2020

Cody Danielson TNI Microbiology Expert Committee Vice Chair 4/2020

Chris Armstrong retired as SELSD Director 3/31/2021

Jeff Franklin new SELSD Director 4/1/2021

3/2020

David Caldwell joined TNI Board of Directors 3/2021

Ryan Lerch joined NELAP Accreditation Council 4/2021

Cody Danielson APHL Agency Representative 4/25/21

Cody Danielson new SELSD Assistant Director





# Small Systems Assistance Pilot Program

What: EPA grant funded program, sponsored by ODEQ WQD

Goal: Bring PWS's into compliance, reduce health-based violations, build an infrastructure of training and sustainable competence for small system personnel.

Project status: Ongoing since July 2020

Project scope: **50** small systems within greater OKC area have been targeted to **date and provided enhanced technical assistance** 

National Older Worker Career Center (NOWCC)



### It's Working!

Small Systems Assistance Pilot Program



### PILOT REPORT

7/1/2020 to 6/11/2021

### SAMPLE COUNT BY RULE

VIABILITY: Percentage of samples that were not cancelled out of total samples TRACEBILITY: Percentage

VIOLATIONS: How many health-based volations (bacteria positives, MCL of received with complete exceedances) that occurred sampling information

TOTAL TESTS: Howmany

tests received for pilot

- · Systems lack knowledge of:
- SDWIS what is it and how does it work
- · Sample Schedules when to sample, how many
- Sample Points where to sample
- Results interpretation; what is good/bad; what actions to take
- Rules what do they mean
- Health violations; Public safety aspect
- Financial burden of sampling

### Sample Collection

Educate and demonstrate proper sampling techniques according to associated method

### **Customer Relations**

Develop constructive relationships with customers who oppose or do not trust government

### SDWIS Assistance

Explain and demonstrate how SDWIS works Rule Explanation

Increase competency by educating on rule requirements

### Site Assessment

Look for problematic areas within the system and provide solutions to remove those issues; update sampling plans and sampling points

### Phone Calls and Email

Answer questions and provide assistance, send instructional documents

### Kit Preparation & Schedulina

Prepare appropriate bottles approved for the method and associated paperwork that coordinates with each system's monitoring periods

### Coordination

Organize sampling events with the system that alian with the monitoring period

Research past violations for each system to determine the issues and better assist the

### **Violation Explanation**

Explain where and why violations are happening

### Participating systems

OK3005305 OK3000901 OK2006363 OK2005503 OK2004206 OK2004101 OK2002604





### Objectives

Full Scale Emergency Response Exercise Increase awareness of roles and responsibilities

2 Enhance internal coordination

Examine operational coordination between SELS and the PHL

Expand ODEQ field and analytical expertise

Examine timely and coordinated test data information sharing

6

Explore tools and resources available to support response operations



Full Scale Emergency Response Exercise

### Partners

- EPA Headquarters
- EPA R6 Water Security Branch
- Cadmus Group
- ERLN
- WLA
- City of Norman
- ODEQ Divisions: SELSD, WQD, LPD, and ECLS

### Planning Phase

- 5 Months of planning
- Full team meetings every two weeks
- ODEQ meetings more often



Full Scale Emergency Response Exercise

### Scope

- Realistic watershed contamination events
- Carried through as if a real-life event

## Associated Activities

- Training seminars
- Collection events
- Analytical testing
- Tabletop exercise
- Hotwashes

# **Event Timeline**

- June 2021
- Duration of 1 week

### PFAS In Our World

- Limited capacity for testing in the state
- LC-MS-MS Technology
- SELS developing Analytical Capacity for PFAS
- UCMR 5
- TNI/NELAP Accreditation
- Future DW rule promulgation?
- Wastewater?



ALL TASKS MUST BE COMPLETED PRIOR TO APPLICATION PACKAGE DEADLINE OF AUGUST 1, 202

Sampling Period/PWS Monitoring begins January 1, 202

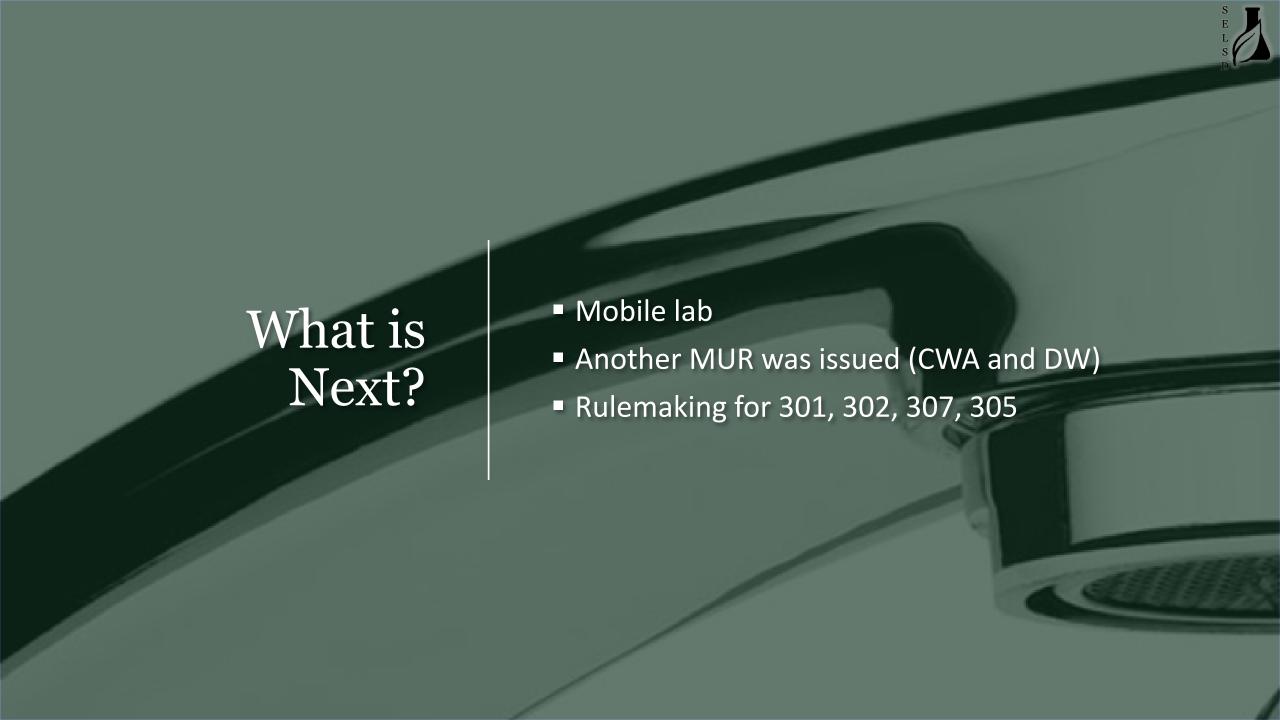
EPA Methods 533 and EPA Method 537.1 Revision 2.

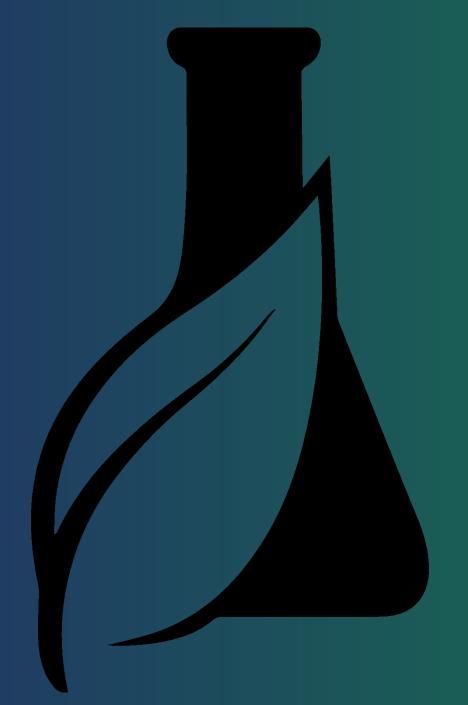


Task	Time Needed	Goal Start Date	Goal Due Date	Assignee(s)	Notes/Status	Date Completed
Signed Partnership Agreement due to EPA Region 6	1 month	April 2021	May 17, 2021	WQD		5/17/2021
Email EPA to request registration materials	1 day	May 2021	May 2021	Karina Blanton	Karina, Cody, Jeff take a look at this when we get this. FW to Cody and Jeff and then set a meeting.	5/24/2021
Complete and turn in the UCMR 5 LAP Registration	2 weeks	June 2021	June 2021	Karina Blanton		6/2/2021
Determine which personnel will be involved in UCMR 5 work	1 week	June 2021	June 2021		Who is involved and what will they be responsible for? Make assignments and accountabilities really clear! Need to have conversation with Organics.	
Establish Meeting Frequency with UCMR 5 Team		June 2021	June 2021		Weekly meeting invite was sent out.	6/3/2021
SSCRWA Meeting #1		June 2021	June 15, 2021		Jeff will set this up.	
Review Methods	2 weeks	June 2021	June 2021			
Research needs and prices for equipment/instrumentation and training	2 weeks	June 2021	June 2021			
Research needs and prices for supplies, workspace/infrastructure, data drop/electrical, etc.	2 weeks	June 2021	June 2021		Take a tour of Organics section-invite Hunter/Erin!	
Order equipment/instrumentation, supplies, casement, etc.	3 months	June 2021	August 2021		Get Amber involved! Will require bidding? Can this be done in less time?	

Install casement/infrastructure,	??	August 2021	Sept. 2021		If this isn't needed can bump method	
data drop, electrical outlets??		August 2021	3ept. 2021		develop up!	
Coordinate sample scheduling						
and collection (what supplies will						
be needed)						
Lab QMP must be kept current					Set weekly meetings to review/revise	
throughout UCMR 5 activity	3 months	May 2021	July 2021		QAP starting 6/3/21.	
(Section 3)					Control of O/O/E21	
Need QAPP specific to UCMR 5						
methods being conducted						
(including options mandated by	??		November 2021	Karina Blanton	Who does this?	
EPA & differences from the				& Team?		
published methods summarized						
in Section 4)						
Review TNI Standard/Checklists						
(V1M4, V1M2 4.2.8.5 SOP	2 weeks	Sept. 2021	October 2021			
requirements)						
Research and secure hands-on	1 month	June 2021	July 2021		Will this need to wait until after we know	
method/analytical training			,		who instrumentation vendor is?	
METHOD DEVELOPMENT	6 months	August 2021	December 2021		Try to make November 2021 PT? Or finish by December 2021 or January 2022 to make 2022 PT deadlines??	
Set up work areas and install equipment/instrumentation	2 weeks	August 2021	August 2021			
<ul> <li>Hands-on vendor/analytical training</li> </ul>	1-2 weeks	August 2021	August 2021			
Write SOPs	1 month	June 2021	August 2021		Can this be worked on any prior to receiving instrumentation?	
Create associated WIDs, worksheets, tools, etc.	1 month	June 2021	August 2021		Can this be worked on any prior to receiving instrumentation?	
PFAS Configuration Demo		June 2021	August 2021			
Work on LabWare Method     Workbook	1 month	June 2021	August 2021		Can this be worked on any prior to receiving instrumentation?	
Add methods to LabWare (build out instrument interface)	2 months	June 2021	August 2021		Can this be worked on any prior to receiving instrumentation?	
Test LabWare environment with real data	2 months	Sept. 2021	November 2021			









### Questions?

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**Cody Danielson, SELSD Assistant Director** 

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