

ODEQ Principal Laboratory Update

EFO Regulatory Update

June 17th, 2021

Jeff Franklin

Cody Danielson

- 🔧 Staffing and Role Changes
- 🔧 Small Systems Assistance Program
- 🔧 Full Scale Emergency Response Exercise
- 🔧 PFAS Testing/UCMR 5
- 🔧 What's Next?



SELSD

Staffing and Role Changes

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

David Caldwell
joined TNI
Board of
Directors

3/2020

Ryan Lerch
joined NELAP
Accreditation
Council

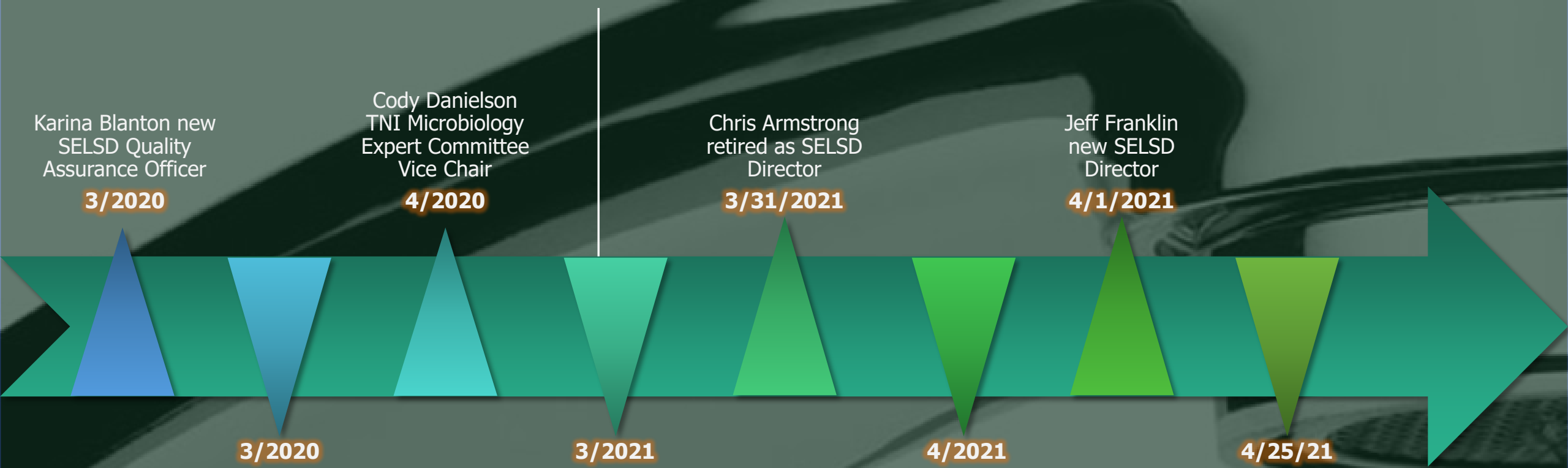
3/2021

Cody Danielson
APHL Agency
Representative

4/2021

Cody Danielson
new SELSD
Assistant
Director

4/25/21





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.

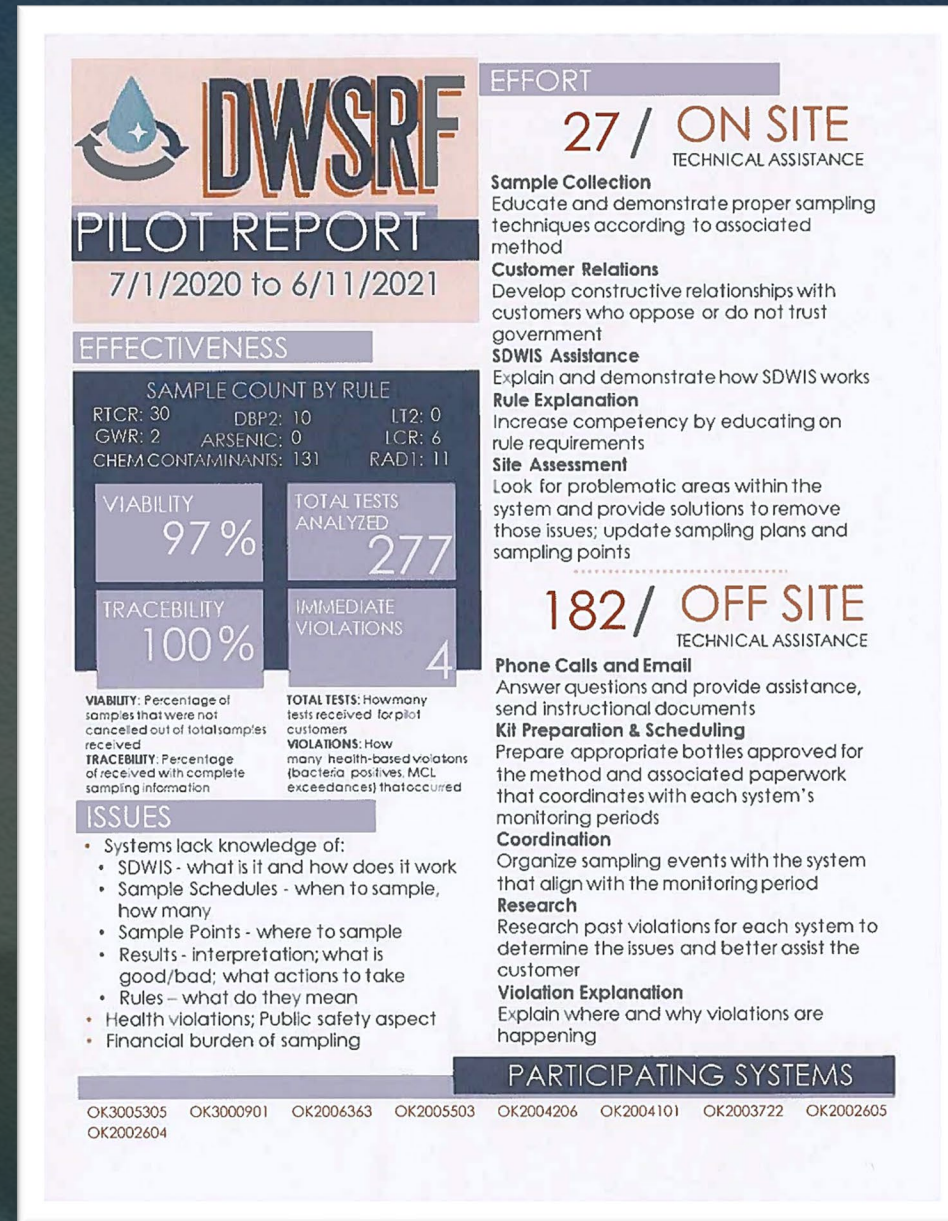
Project status: Ongoing since July 2020

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



Full Scale Emergency Response Exercise

Objectives

1

Increase awareness of roles and responsibilities

2

Enhance internal coordination

3

Examine operational coordination between SELS and the PHL

4

Expand ODEQ field and analytical expertise

5

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?

UCMR 5 IMPLEMENTATION CHECKLIST

ALL TASKS MUST BE COMPLETED PRIOR TO APPLICATION PACKAGE DEADLINE OF AUGUST 1, 2022.

Sampling Period/PWS Monitoring begins January 1, 2023!

EPA Methods 533 and EPA Method 537.1 Revision 2.0

UCMR 5 Requirement
TNI Requirement
Needed to Complete Requirements
Within Schedule
In Month of Deadline
Behind Schedule

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
SSCWA 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, data drop, electrical outlets??	??	August 2021	Sept. 2021		If this isn't needed can bump method develop up!	
Coordinate sample scheduling and collection (what supplies will be needed)						
Lab QMP must be kept current throughout UCMR 5 activity (Section 3)	3 months	May 2021	July 2021		Set weekly meetings to review/revise QAP starting 6/3/21.	
Need QAPP specific to UCMR 5 methods being conducted (including options mandated by EPA & differences from the published methods summarized in Section 4)	??		November 2021	Karina Blanton & Team?	Who does this?	
Review TNI Standard/Checklists (V1M4, V1M2 4.2.8.5 SOP requirements)	2 weeks	Sept. 2021	October 2021			
Research and secure hands-on method/analytical training	1 month	June 2021	July 2021		Will this need to wait until after we know 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			
• Hands-on vendor/analytical training	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			

What is Next?

- Mobile lab
- Another MUR was issued (CWA and DW)
- Rulemaking for 301, 302, 307, 305

Questions?

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