

COMPLIANCE SCHEDULES

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AGENDA:

- CHANGES STARTING 9/1/16
- DEFICIENCIES FOUND IN SURVEYS
- UPDATED COMPLIANCE AND ENFORCEMENT WEB PAGES
 - BOTH FOR THE REGULATING AGENCY AND THE SYSTEM
- REVIEW OF ENFORCEMENT SCHEDULE TYPES AND PROCESS
- REVIEW OF COMPLIANCE SCHEDULE ACTIVITIES AND COUNTY RESPONSIBILITIES
- LESSONS LEARNED FROM EARLY COLIFORM INVESTIGATIONS

ACRONYMS

- DMCE – DATA MANAGEMENT, COMPLIANCE & ENFORCEMENT – A UNIT WITHIN DRINKING WATER SERVICES
- RTC – RETURN TO COMPLIANCE
- RTCR – REVISED TOTAL COLIFORM RULE

COLIFORM CHANGES STARTING AFTER 9/1/16

- START GENERATING VIOLATIONS FOR LEVEL 1 INVESTIGATIONS
- TRACKING OF COLIFORM INVESTIGATION DEFECTS —
 - INVESTIGATION HAS A DEFECT AND HAS NOT BEEN CORRECTED WHEN SUBMITTING INVESTIGATION - INCLUDE A DUE DATE TO HAVE SANITARY DEFECT CORRECTED.
- REPEATS MUST BE TURNED IN WITHIN 11 DAYS OF ROUTINE SAMPLE COLLECTION

CHANGES STARTING 9/1/16
QUESTIONS?

DEFICIENCIES FOUND IN SURVEYS

Information by county:

[Inventory](#) :: [Surface Water Systems](#) :: [Water System Surveys](#) :: [Outstanding Performers](#) :: [Plan Reviews](#) :: [System Scores](#) :: [Exceedances](#)

[Alerts](#) :: [Violations](#) :: [Compliance & Enforcement](#) :: [Significant Deficiencies](#) :: [Cross Connection ASRs](#) :: [Treatment Plant Inspections](#) :: [Fluoride](#)

DEFICIENCIES FOUND IN SURVEYS

Unresolved Deficiencies

Regulating Agency

All Agencies 

County

All Counties 

Search Options

- Only show priority deficiencies
- Only show overdue deficiencies
- Include non-EPA (state regulated) systems

- Include data test systems*

Search for specific deficiencies

Get Deficiency Results

DEFICIENCIES FOUND IN SURVEYS

Unresolved Deficiencies

Regulating Agency: All regulating agencies

County: All counties

Search Options: Priority deficiencies only. Non-EPA (state-regulated) systems excluded.

Results: 49 deficiencies found for 39 systems

Regulating Agency	County Served	PWS	PWS Name	Survey Date	Earliest Due Date	Number of Deficiencies	System Type	System Score
REGION 1	Jefferson	00500	MADRAS, CITY OF	Apr 12, 2016	Sep 16, 2016	3	C	0
			<u>Category</u>		<u>Deficiency</u>		<u>Due Date</u>	
			Finished Water Storage		Roof and access hatch not watertight	Sep 16, 2016	Overdue	
			Finished Water Storage		No screened vent	Sep 16, 2016	Overdue	
			Well Construction		Sanitary seal and casing not watertight	Sep 16, 2016	Overdue	

DEFICIENCIES FOUND IN SURVEYS

WHAT PAGES GOT UPDATED?????

For further information on this public water system, click on the area of interest below:

[System Info](#) :: [Report for Lenders](#) :: [Alerts](#) :: [Violations](#) :: [Compliance & Enforcement](#) :: [Contacts](#) :: [Site Visits](#) :: [Public Notice](#) :: [Plan Review](#)

[Coliform Summary](#) :: [Coliform Results](#) :: [Sampling Schedule for Coliform](#) :: [Groundwater/GWUDI Source Details](#)

[Chemical Group Summary](#) :: [Latest Chemical Results](#) :: [Entry Point Detects](#) :: [Single Analyte Results](#)

[Chemical Schedule Summary](#) :: [Chemical Schedule Details](#)

[Lead & Copper](#) :: [Corrosion Control \(LCR\)](#) :: [Nitrate](#) :: [Arsenic](#) :: [Radionuclides](#) :: [GWR 4-Log](#) :: [LT2](#)

[DBPs](#) :: [TOC & Alkalinity](#) :: [DBP Sample Sites](#) :: [FANLs](#) :: [MRDL](#) :: [Turbidity](#) :: [SWTR](#) :: [RAA](#) :: [LRAA](#)

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COMPLIANCE & ENFORCEMENT BY COUNTY

Compliance and Enforcement Schedules

Regulating Agency

All Agencies

County

All Counties

Schedule Status

Open

Closed

Schedule Type

- Compliance Schedules
 - Lead Action Level Exceedance
 - Confirmed Source E. coli
 - Coliform Investigation
 - Microscopic Particulate Analysis (MPA) Required
 - Other Compliance Schedules
 - Bilateral Compliance Agreement
- Formal Enforcement
 - Notice of Non-Compliance
 - Administrative Order
 - Extension to Administrative Order
 - Administrative Order Settlement
 - Civil Penalty Order
 - Civil Penalty Settlement Agreement
 - Court Filing

Show Schedules

FORMAL ENFORCEMENT TYPES

- Formal Enforcement
 - *Notice of Non-Compliance*
 - *Administrative Order*
 - *Extension to Administrative Order*
 - *Administrative Order Settlement*
 - *Civil Penalty Order*
 - *Civil Penalty Settlement Agreement*
 - *Court Filing*

COMPLIANCE SCHEDULE TYPES

- Compliance Schedules
 - *Lead Action Level Exceedance*
 - *Confirmed Source E. coli*
 - *Coliform Investigation*
 - *Microscopic Particulate Analysis (MPA) Required*
 - *Other Compliance Schedules*
 - *Bilateral Compliance Agreement*

COMPLIANCE & ENFORCEMENT BY REGULATING AGENCY

Regulating Agency:	County Regulated
County:	Douglas
Schedule Type:	Compliance Schedules
Schedule Status:	Open Schedules

5 schedules found for 5 systems.

Sorted by Regulating Agency

Click on a column header to sort by that field, or [sort by activity due date](#) (systems with the earliest open due date or no scheduled activities will be at the top).

COMPLIANCE & ENFORCEMENT BY REGULATING AGENCY

Regulating Agency	County Served	PWS	PWS Name	System Type	System Score			
						<i>Schedule Type</i>	<i>Date Issued</i>	<i>Closed Date</i>
DOUGLAS COUNTY	Douglas	92101	DAYS CREEK HIGH	NTNC	0			
						LEAD ACTION LEVEL EXCEEDANCE	Jul 22, 2016	Open
						<u>Scheduled Activity</u>	<u>Due Date</u>	<u>Date Completed</u>
						ENTRY POINT WATER QUALITY PARAMETERS	Sep 02, 2016	
						DISTRIBUTION WATER QUALITY PARAMETERS	Sep 02, 2016	
						ISSUE LCR PUBLIC EDUCATION	Dec 10, 2016	
						SOURCE WATER L/C SAMPLE	Mar 31, 2017	
						SUBMIT RECOMMENDATION FOR LCR TREATMENT	Mar 31, 2017	
						INSTALL CORROSION CONTROL TREATMENT	Mar 31, 2018	

COMPLIANCE & ENFORCEMENT BY REGULATING AGENCY

BILATERAL COMPLIANCE AGREEMENT

Mar 09, 2016

Open

Scheduled Activity

Due Date

Date Completed

SUBMIT APPLICATION

Apr 30, 2016

May 04, 2016 - Late

COMPLETE CONSTRUCTION

Jun 30, 2016

May 15, 2016

REPORT SOURCE WATER SAMPLING RESULTS

Jul 31, 2016

Overdue

PERFORM MAINTENANCE

Jul 31, 2016

Overdue

COLIFORM INVESTIGATION

Jul 27, 2016

Open

Scheduled Activity

Due Date

Date Completed

COMPLETE LEVEL 1 INVESTIGATION

Aug 26, 2016

COMPLIANCE & ENFORCEMENT BY REGULATING AGENCY

COMPLIANCE & ENFORCEMENT BY PWS

BY REG AGENCY PAGE

Schedule Type

92101 DAYS CREEK HIGH

BY SYSTEM LINK

[ns :: Compliance & Enforcement ::](#)

COMPLIANCE & ENFORCEMENT BY PWS

Compliance and Enforcement Schedules

Schedule Type

All Schedules

Lead

Coliform

Microscopic Particulate Analysis (MPA) Required

Other Compliance Schedules & Agreements

Formal Enforcement

Schedule Status

Open

Closed

Show Schedules

COMPLIANCE & ENFORCEMENT BY PWS

Type of Action	Date Issued	Due Date	Closed Date
Lead Action Level Exceedance	Jul 22, 2016		Open
DISTRIBUTION WATER QUALITY PARAMETERS		Sep 02, 2016	Overdue
ENTRY POINT WATER QUALITY PARAMETERS		Sep 02, 2016	Overdue
ISSUE LCR PUBLIC EDUCATION		Dec 10, 2016	Aug 25, 2016
SOURCE WATER L/C SAMPLE		Mar 31, 2017	
SUBMIT RECOMMENDATION FOR LCR TREATMENT		Mar 31, 2017	
INSTALL CORROSION CONTROL TREATMENT		Mar 31, 2018	
Other Compliance Schedules	Jun 06, 2016		Jul 09, 2016
LCR M&R		Oct 10, 2016	Jul 09, 2016
Other Compliance Schedules	Aug 27, 2014		Jan 07, 2015
CORRECT WATER QUALITY DEFICIENCIES		Sep 26, 2014	Sep 23, 2014
CORRECTIVE ACTION PLAN SUBMITTED		Sep 26, 2014	Sep 23, 2014
CORRECTIVE ACTION PLAN DUE DATE - GW		Oct 31, 2014	Jan 07, 2015 - Late

COMPLIANCE ACTIVITIES AND HOW THEY ARE RESOLVED.

- ITEM REQUIRED TO BE TURNED INTO STATE-
 - I.E. SAMPLE RESULTS, PUBLIC NOTICE, PUBLIC EDUCATION, ETC.
 - STATE WILL FIND AND UPDATE THE WEBPAGE
- ITEMS REQUIRED TO BE TURNED INTO REGULATING AGENCY-
 - I.E. COLIFORM INVESTIGATIONS, RECOMMENDATION FOR TREATMENT, ETC.
 - ONCE APPROVED, EMAIL COMPLIANCE INBOX TO BE UPDATED ONLINE.

COMPLIANCE SCHEDULE QUESTIONS

COLIFORM INVESTIGATIONS: ARE WE FINDING SANITARY DEFECTS?

- BROKEN DISTRIBUTION PIPES
- CHLORINATOR OUT OF CHLORINE
- BROKEN FEED PIPE ON CHLORINATOR
- RODENT ACCESS & DROPPINGS
- MISSING / INADEQUATE SCREENS
- WELL HOUSE BROKEN INTO

COLIFORM INVESTIGATIONS: OTHER ITEMS FOUND

- NUMEROUS HYDRANTS FLOWING (DUE TO TRAIN DERAILMENT FIRE) – UP TO 1500 GPM
- DON'T KNOW LAST TIME STORAGE TANK WAS CLEANED.
- INSTALLED WATER FILTER TO REDUCE MINERAL TASTE.
- OVER USAGE OF WELL BY TENANTS
- REINSTATED USE OF 3 STORAGE TANKS

COLIFORM INVESTIGATIONS: SAMPLING ISSUES FOUND

- USE OF SWIVEL FAUCETS – EVEN IF THEY DON'T LEAK
- NOT REMOVING AERATORS
- FLUSHING: "I DIDN'T KNOW I HAD TO RUN TAP THAT LONG"
- UNKNOWN AGE OF THE SAMPLE BOTTLE
- OTHER: "I A NEW @ SAMPLING"

LEVEL 2 INVESTIGATION EXAMPLE CONDUCTED ON 7/27/16

- RECORDS SHOW LOW (CHLORINE) RESIDUALS ARE TYPICAL
- CHLORINE FEED PUMP WAS NOT WORKING PROPERLY – NEW PUMP INSTALLED 7/12/16
- CHLORINE RESIDUALS WERE NOT BEING MEASURED CORRECTLY
- FLOATING PARTICULATES AND SCUM LAYER VISIBLE IN RESERVOIR
- SINK WHERE EC+ SAMPLE WAS COLLECTED WAS VERY UNSANITARY AND A CAT LITTER BOX WAS ON THE FLOOR NEAR THE SINK; LOCATION WAS A POOR CHOICE OF SAMPLE SITE; SITE USED WAS NOT ON COLIFORM SAMPLING PLAN

LEVEL 2 INVESTIGATION EXAMPLE



LEVEL 2 INVESTIGATION EXAMPLE



AFTERMATH/CORRECTIVE ACTIONS:

- CITY WILL FOLLOW WRITTEN SAMPLING PLAN AND SAMPLING PROCEDURES
- RUN WATER THROUGH RESERVOIR OVERFLOW AS NEEDED TO REDUCE FLOATING SCUM LAYER
- OPERATOR HAS BEEN “RELIEVED OF HIS DUTIES”

COLIFORM INVESTIGATIONS: BY THE NUMBERS

	On time	Late	No report
Level 1	42	9	9
Level 2	15	0	1

*Reports turned in or due by 8/1/16

On time:
75%

Completed:
87%

Must install disinfection (for 3 rd investigation caused by water quality)	3
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COLIFORM INVESTIGATIONS: LESSONS LEARNED