



Understanding your Aquifer Protection Permit Discharge Limit Exceedances

Groundwater Inspections & Compliance Unit

1. APP Context
2. Monitoring required by your permit
3. MyDEQ online Program
4. How to properly report the monitoring results
(Common Errors)
5. SMRF Revisions



- APP Program is administered by the State of Arizona
- Separate from Federal programs (AZPDES)
- Many different Permits
 - General Permits
 - Reuse Permits
 - **Individual Permits**



Why do we issue APP's?

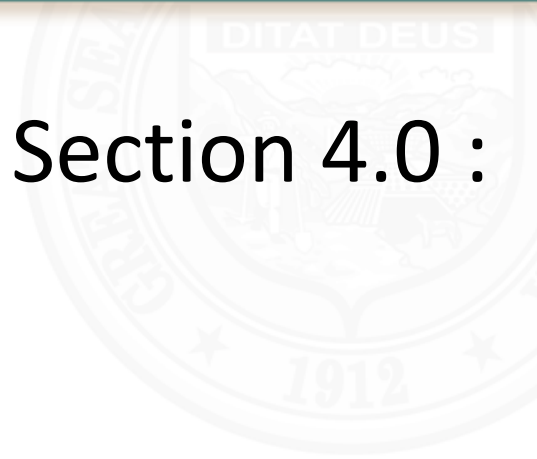
- All aquifers in Arizona are classified and protected for drinking water use §49-224(B)
- Numeric and narrative standards can be applied §49-221(D)
- Pollutants discharged will not contribute to a violation of the standards or further degrade the quality of any aquifer §49-243(B)(2)&(3)



- Monitoring is required until you are released from your permit
- Best practices for sampling must be followed
- Copies of your lab results must be kept at the facility
 - ADEQ does not require Lab Reports to be submitted with the Self Monitoring Report Forms (SMRFs)
 - ADEQ may request Lab Reports at any time

Four types of monitoring tables in Section 4.0 :

- **Routine Discharge Monitoring**
- **Reclaimed Water Monitoring**
- Groundwater Monitoring
- **Facility Inspections**



ROUTINE AND RECLAIM MONITORING

Sampling Point Number	Sampling Point Identification			Latitude	Longitude
1	Effluent pump station prior to delivery for reuse			34° 59' 6.6" N	114° 35' 22.4" W
Parameter	AL ²	DL ³	Units	Sampling Frequency	Reporting Frequency
Total Flow: Daily ⁴	Not Established ⁵	Not Established	MGD ⁶	Daily ⁷	Quarterly
Total Flow: Average Monthly	0.38	0.4	MGD	Monthly ⁸	Quarterly
<i>E. coli</i> : Single-sample maximum	Not established	15	CFU or MPN ⁹	Daily ¹⁰	Quarterly
<i>E. coli</i> : Four of last seven samples	Not established	Non-detect ¹¹	CFU or MPN	Daily	Quarterly
Total Nitrogen ¹² : Five-sample rolling geometric mean ¹³	8	10	mg/l ¹⁴	Monthly Calculation	Quarterly

**TABLE IA
ROUTINE DISCHARGE MONITORING**

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Total Nitrogen ¹² : Five-sample rolling geometric mean ¹³	8	10	mg/l ¹⁴	Monthly Calculation	Quarterly

AL = Alert Level

DL = Discharge Limit

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Sampling Frequency = How often the sample is taken

Reporting Frequency = How often you report this to ADEQ

TABLE III
FACILITY INSPECTION (Operational Monitoring) - Log Book⁷⁶

Pollution Control Structures/Parameter	Performance Levels	Inspection Frequency	Reporting Frequency
Recharge Basins Freeboard	One (1) Linear Foot	Weekly	Quarterly
Pump Integrity	Good working condition	Weekly	Quarterly
Treatment Plant Components	Good working condition	Weekly	Quarterly
Recharge Basin Integrity	No visible structural damage, breach, or erosion of embankments	Weekly	Quarterly

Freeboard – Measured from the top of the containment area to the water level, not the depth of water.

Facility Inspections



Log Book

Required Information:

1. Inspector/Operator name
2. Date & time
3. Condition of plant components
4. Any damage / repairs



What is myDEQ

**Easy-to-use applications with
question-by-question guidance**



How to Register for myDEQ



myDEQ - Self Monitoring Report Form (SMRF)



Paper forms



myDEQ

SELF MONITORING REPORT FORM
ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

Facility Name: _____ Latitude: _____ Place ID: _____
 Contact: _____ Longitude: _____ LTF#: _____ Inv#: _____
 Address: _____ Section: _____
 _____ Township: _____
 _____ Date Prepared: 4-4-2016
 _____ Range: _____ Reporting Period: Jan. - March 31, 2016
 _____ Quarter: _____

Monitoring Point ID: 11412 Monitoring Name: EFFLUENT STORAGE POND

Sampling/Reporting Frequencies: Daily Monitoring/QUARTERLY

STORE: DFLOW Permit Limit: AL: RSVL DL: RSVL AOL: N/A MIN: _____ MAX: _____
 DAILY FLOW Units: MGD

SAMPLE DATE	RESULTS	SAMPLE DATE	RESULTS	SAMPLE DATE	RESULTS
1/11/16	0.0490	2/11/16	0.0491	3/11/16	0.0442
1/12/16	0.0491	2/12/16	0.0487	3/12/16	0.0459
1/13/16	0.0457	2/13/16	0.0491	3/13/16	0.0467
1/14/16	0.0475	2/14/16	0.0440	3/14/16	0.0457
1/15/16	0.0464	2/15/16	0.0480	3/15/16	0.0430
1/16/16	0.0468	2/16/16	0.0477	3/16/16	0.0438
1/17/16	0.0454	2/17/16	0.0477	3/17/16	0.0448
1/18/16	0.0482	2/18/16	0.0460	3/18/16	0.0444
1/19/16	0.0453	2/19/16	0.0450	3/19/16	0.0450
1/20/16	0.0453	2/20/16	0.0477	3/20/16	0.0451
1/21/16	0.0466	2/21/16	0.0472	3/21/16	0.0457
1/22/16	0.0458	2/22/16	0.0458	3/22/16	0.0450
1/23/16	0.0398	2/23/16	0.0468	3/23/16	0.0445
1/24/16	0.0585	2/24/16	0.0466	3/24/16	0.0470
1/25/16	0.0452	2/25/16	0.0452	3/25/16	0.0455
1/26/16	0.0441	2/26/16	0.0404	3/26/16	0.0445
1/27/16	0.0406	2/27/16	0.0465	3/27/16	0.0452
1/28/16	0.0502	2/28/16	0.0449	3/28/16	0.0463
1/29/16	0.0452	2/29/16	0.0479	3/29/16	0.0448
1/30/16	0.0442	2/30/16	0.0478	3/30/16	0.0445
1/31/16	0.0443	2/31/16	0.0427	3/31/16	0.0469
1/32/16	0.0457	2/32/16	0.0446	3/32/16	0.0432
1/33/16	0.0455	2/33/16	0.0509	3/33/16	0.0438
1/34/16	0.0483	2/34/16	0.0422	3/34/16	0.0443
1/35/16	0.0488	2/35/16	0.0402	3/35/16	0.0457
1/36/16	0.0460	2/36/16	0.0482	3/36/16	0.0484
1/37/16	0.0453	2/37/16	0.0478	3/37/16	0.0445
1/38/16	0.0461	2/38/16	0.0477	3/38/16	0.0458
1/39/16	0.0453	2/39/16	0.0449	3/39/16	0.0470
1/40/16	0.0453	2/40/16	0.0476	3/40/16	0.0476
1/41/16	0.0454	2/41/16	0.0476	3/41/16	0.0444

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINES AND IMPRISONMENT.
 SIGNATURE OF PRINCIPLE EXECUTIVE OFFICER OR AUTHORIZED AGENT: _____ DATE: 4/4/2016

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY
 WATER QUALITY COMPLIANCE SECTION
 APR 08 2016

Page 1 Of 10

Company: _____
 Address Line 1: _____
 Address Line 2: _____
 LTF #: _____
 Place Name: _____
 Place ID: _____
 Monitoring Points (MP): GW POC 2 - S EDGE OF POLISHING POND, GW POC 3 - NW OF S MARSH, DM-EXISTING FACILITY - POLISHING WETLAND, GW POC 4 - NE OF WWTW
 Monitoring Frequency: TWICE YEARLY (SEMI-ANNUAL)

SMRF Reporting Period: Semi Annual | 01/01/2017 - 06/30/2017

STORE	MONITORING POINT NAME	MP ID #	PARAMETER	SAMPLE FREQUENCY	SAMPLE DATE	RESULT	UNIT	SMRF Code (See codes on Tab 2)	COMMENT when SMRF co
00719	GW POC 2 - S EDGE OF POLISHING POND	17706	FREE CYANIDE	Twice Yearly	5/17/2017	<0.010	MGL		
01097	GW POC 2 - S EDGE OF POLISHING POND	17706	TOTAL ANTIMONY	Twice Yearly	5/17/2017	<0.0005	MGL		
01002	GW POC 2 - S EDGE OF POLISHING POND	17706	TOTAL ARSENIC	Twice Yearly	5/17/2017	0.0015	MGL		
01007	GW POC 2 - S EDGE OF POLISHING POND	17706	TOTAL BARIUM	Twice Yearly	5/17/2017	0.11	MGL		
01012	GW POC 2 - S EDGE OF POLISHING POND	17706	TOTAL BERYLLIUM	Twice Yearly	5/17/2017	<0.002	MGL		
01027	GW POC 2 - S EDGE OF POLISHING POND	17706	TOTAL CADMIUM	Twice Yearly	5/17/2017	<0.0001	MGL		
01029	GW POC 2 - S EDGE OF POLISHING POND	17706	TOTAL CHROMIUM	Twice Yearly	5/17/2017	<0.005	MGL		
00951	GW POC 2 - S EDGE OF POLISHING POND	17706	TOTAL FLUORIDE	Twice Yearly	5/17/2017	0.22	MGL		
01051	GW POC 2 - S EDGE OF POLISHING POND	17706	TOTAL LEAD (AS PB)	Twice Yearly	5/17/2017	<0.001	MGL		
71900	GW POC 2 - S EDGE OF POLISHING POND	17706	TOTAL MERCURY AS HG	Twice Yearly	5/17/2017	<0.0002	MGL		
01067	GW POC 2 - S EDGE OF POLISHING POND	17706	TOTAL NICKEL	Twice Yearly	5/17/2017	<0.02	MGL		
01147	GW POC 2 - S EDGE OF POLISHING POND	17706	TOTAL SELENIUM (AS SE)	Twice Yearly	5/17/2017	0.0011	MGL		

myDEQ - Finding your SMRF for download



mySTUFF



myAPPLICATIONS

SHOW ALL COMPANY

Select A Company

SHOW ALL PLACES

Select A Place

View PDF	Place Name	ID#	Program	Type	Exp Date	Status	Actions	Notifications
	MYDEQ TEST PLACE	65045	AIR	Concrete Batch Plant ...	NA	CLOSED - TERMINATED BY COMPANY	Select An Action	— — —
	MYDEQ TEST PLACE	66116	WATER	AZPDES CGP < 1 Acre	06/02/2018	CLOSED - TERMINATED BY COMPANY	Select An Action	— — —
	MYDEQ TEST PLACE	61707	WATER	APP Permit	NA	ISSUED	Select An Action	— — —

Warning on Caution on Update

Select An Action

Step 1 - Download SMRF

Step 2 - Upload SMRF

Step 3 - Submit SMRF

No Data SMRF

DOWNLOAD SMRF

Reporting Period

Data Selection

Summary

Download

Select a reporting period.

Please choose a reporting period and then click continue.

Reporting Period	Due Date ▼	Progress ▼	Status
<input checked="" type="radio"/> 1st Quarter Report 2017	04/30/2017	25%	DOWNLOADED 10/10/2017
<input type="radio"/> 2nd Quarter Report 2017	07/30/2017	100%	SUBMITTED 06/22/2017
<input type="radio"/> 2nd Quarter Report 2017	07/30/2017	100%	SUBMITTED 06/22/2017



BACK

CONTINUE






- Enter the *Sample Date*
- Copy the sample *Result* from your laboratory documents.

SMRF Reporting Period: Semi Annual | 01/01/2017 - 06/30/2017

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01007	GW POC 2 - S EDGE OF POLISHING POND	17706	TOTAL BARIUM	Twice Yearly	5/17/2017	0.11	MG/L		
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SHOW ALL PLACES

Select A Place ▾

View PDF	Place Name ▾	ID# ▾	Program ▾	Type ▾	Exp Date ▾	Status ▾	Actions	Notifications
	MYDEQ TEST PLACE	65045	AIR	Concrete Batch Plant ...	NA	CLOSED - TERMINATED BY COMPANY	Select An Action ▾	— — —
	MYDEQ TEST PLACE	66116	WATER	AZPDES CGP < 1 Acre	06/02/2018	CLOSED - TERMINATED BY COMPANY	Select An Action ▾	— — —
	MYDEQ TEST PLACE	61707	WATER	APP Permit	NA	ISSUED	Select An Action ▾	— — —

Select An Action ▾

- Step 1 - Download SMRF
- Step 2 - Upload SMRF**
- Step 3 - Submit SMRF
- No Data SMRF

UPLOAD SMRF

Reporting Period | Upload Reports | Confirm







Select a reporting period.

Please choose a reporting period and then click continue.

Reporting Period	Due Date ▾	Progress ▾	Status
 1st Quarter Report 2017	04/30/2017	25%	DOWNLOADED 11/14/2017

SHOW ALL PLACES

Select A Place 

View PDF	Place Name	ID#	Program	Type	Exp Date	Status	Actions	Notifications
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	MYDEQ TEST PLACE	61707	WATER	APP Permit	NA	ISSUED	Select An Action  Step 1 - Download SMRF Step 2 - Upload SMRF Step 3 - Submit SMRF No Data SMRF	— — —



SUBMIT SMRF

Reporting Period

Certify

Confirm

Select a reporting period.

Please choose a reporting period that has a successful SMRF spreadsheet uploaded and then click continue.

Reporting Period

Due Date 

Progress 

Status



1st Quarter Report 2017

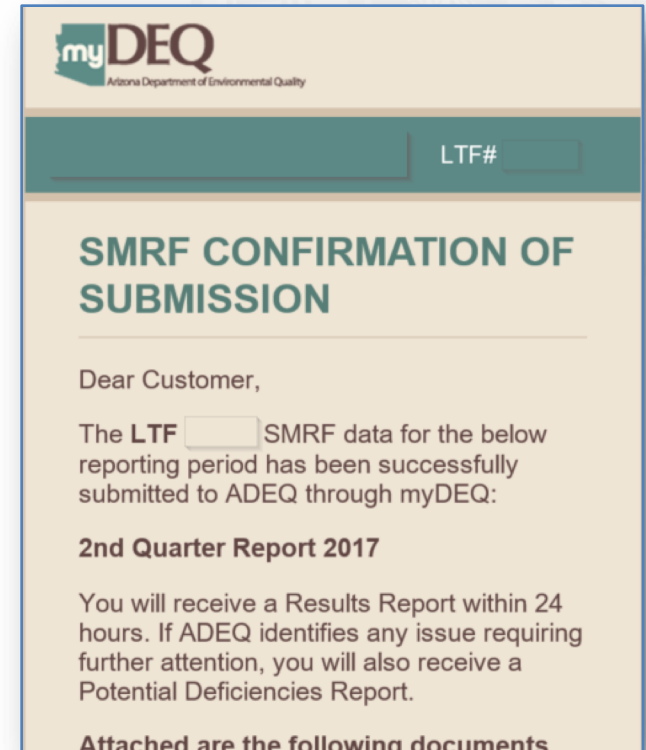
04/30/2017

75%

 UPLOADED 11/14/2017

myDEQ will generate reports for your review within 24 hours of submission

- **Confirmation Receipt**
- **Results Report:**
 - Provides a record of your data
- **Potential Deficiencies Report:**
 - Displays any results that ADEQ considers permit violations



The screenshot shows an email interface from myDEQ, Arizona Department of Environmental Quality. At the top left is the myDEQ logo. To the right is a header bar with a teal background and the text 'LTF#' followed by a text input field. Below this is the main content area with a light beige background. The title 'SMRF CONFIRMATION OF SUBMISSION' is displayed in bold teal text. The body of the email starts with 'Dear Customer,' followed by a paragraph: 'The LTF [input field] SMRF data for the below reporting period has been successfully submitted to ADEQ through myDEQ:'. Below this is the heading '2nd Quarter Report 2017'. The next paragraph states: 'You will receive a Results Report within 24 hours. If ADEQ identifies any issue requiring further attention, you will also receive a Potential Deficiencies Report.' At the bottom, there is a line of text: 'Attached are the following documents'.

- Unit conversions
- 4 of 7 Reporting
- Improper use of SMRF codes
- SMRF Due Dates
- Partial Reporting
- Method Detection Limit (MDLs)
 - Reporting Limits (< Discharge Limit vs Non detect)
- Coliforms as Non-Detect
- Reporting Non-Detect (ND) and Missing Results

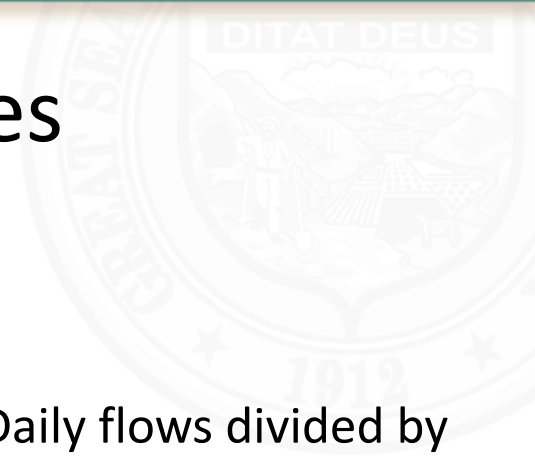




■ Unit conversions

- Gallons per Day to Million Gallons Per Day
 - Reporting GPD will exceed the permit limit for MGD
 - Usually occurs in the Monthly Ave calculations
- ug\L to mg\L
 - Very common reporting error.
 - Reporting ug\L as mg\L will always exceed the permit limit, unless specified as ug\L reporting

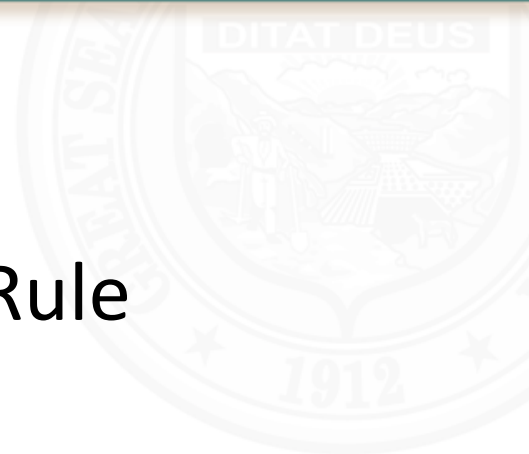
myDEQ will generate a Potential Deficiencies Report



■ Unit - Discharge Limit Exceedances

– Monthly Average Flow

- Calculate the Monthly Average Flow with the total Daily flows divided by number of days in the month. The exceedance usually shows when all the days added together for the total Monthly Average Flow



■ Coliform Sampling

– Reporting the 4 of 7 Samplings by Rule

- This is a rule and not a sample
- Applying 4 samples in a 7 day time frame below the permit limit applies to the rule and not the sample
- Taking 4 samples in a 7 day time frame does not automatically mean the rule has been met

Daily Sampling = Samples must be taken every day possible, with a minimum of 4 samples in a 7 day time frame

Fecal Coliform: Single sample maximum	Not established	23.0	CFU or MPN ¹⁵	Daily ¹⁶	Quarterly
Fecal Coliform: four (4) of seven (7) samples in a week ¹⁷	Not established	Non-detect ¹⁸	CFU or MPN	Weekly Evaluation	Quarterly

Samples are reported as the numerical results

PARAMETER	SAMPLE FREQUENCY	SAMPLE DATE	RESULT	UNIT
FECAL COLIFORM	Daily	10/31/2016	<1	CFU
FECAL COLIFORM	Daily	11/01/2016	<1	CFU
FECAL COLIFORM	Daily	11/02/2016	<1	CFU
FECAL COLIFORM	Daily	11/03/2016	<1	CFU

Discharge Monitoring = 4 of 7 samples in a week (Sunday – Saturday) must be in compliance with the permit limits

Fecal Coliform: Single sample maximum	Not established	23.0	CFU or MPN ¹⁵	Daily ¹⁶	Quarterly
Fecal Coliform: four (4) of seven (7) samples in a week ¹⁷	Not established	Non-detect ¹⁸	CFU or MPN	Weekly Evaluation	Quarterly

Samples are reported as Compliant or Noncompliant must consist of 13 weeks

PARAMETER	SAMPLE FREQUENCY	SAMPLE DATE	RESULT
▼			
FECAL COLIFORM 4 OF 7 SAMPLES	Weekly	10/8/2016	Compliance
FECAL COLIFORM 4 OF 7 SAMPLES	Weekly	10/15/2016	Compliance
FECAL COLIFORM 4 OF 7 SAMPLES	Weekly	10/22/2016	Compliance
FECAL COLIFORM 4 OF 7 SAMPLES	Weekly	10/29/2016	Compliance

Reclaimed Water Monitoring = 4 of 7 samples in a 7 day timeframe

Fecal Coliform: Single-sample maximum	23.0	CFU or MPN ²²	Daily ²³	Quarterly
Fecal Coliform: Four (4) of last seven (7) samples	Non-detect ²⁴	CFU or MPN	Daily Evaluation	Quarterly

11/30/2016	<1	Compliance
12/01/2016	<1	Compliance
12/02/2016		Compliance
12/03/2016		Compliance
12/04/2016		Compliance
12/05/2016	<1	Compliance
12/06/2016	<1	Compliance
12/07/2016	<1	Compliance
12/08/2016	<1	Compliance
12/09/2016		Compliance
12/10/2016		Compliance
12/11/2016		Compliance
12/12/2016	<1	Compliance
12/13/2016	<1	Compliance
12/14/2016	<1	Compliance
12/15/2016	<1	Compliance

11/30/2016	<1	Compliance
12/01/2016	<1	Compliance
12/02/2016		Compliance
12/03/2016		Compliance
12/04/2016		Compliance
12/05/2016	<1	Compliance
12/06/2016	<1	Compliance
12/07/2016	<1	Compliance
12/08/2016	<1	Compliance
12/09/2016		Compliance
12/10/2016		Compliance
12/11/2016		Compliance
12/12/2016	<1	Compliance
12/13/2016	<1	Compliance
12/14/2016	<1	Compliance
12/15/2016	<1	Compliance

11/30/2016	<1	Compliance
12/01/2016	<1	Compliance
12/02/2016		Compliance
12/03/2016		Compliance
12/04/2016		Compliance
12/05/2016	<1	Compliance
12/06/2016	<1	Compliance
12/07/2016	<1	Compliance
12/08/2016	<1	Compliance
12/09/2016		Compliance
12/10/2016		Compliance
12/11/2016		Compliance
12/12/2016	<1	Compliance
12/13/2016	<1	Compliance
12/14/2016	<1	Compliance
12/15/2016	<1	Compliance

Common Reporting Errors - 4 of 7 Requirement

✓ SMRF Code 12: *I met the 4 of 7 Rule*

✗ SMRF Code 03: *I failed to take a required sample*

PARAMETER	SAMPLE FREQUENCY	SAMPLE DATE	RESULT	UNIT	SMRF Code (See codes on Tab 2)	COMMENT (Required when SMRF code is used)
FECAL COLIFORM (REUSE)	Daily	10/28/2016		CFU	12	4 Sample Requirement Met Fecal/E.coli, Coliform Parameter Only
FECAL COLIFORM (REUSE)	Daily	10/29/2016		CFU	12	4 Sample Requirement Met Fecal/E.coli, Coliform Parameter Only
FECAL COLIFORM (REUSE)	Daily	10/30/2016		CFU	12	4 Sample Requirement Met Fecal/E.coli, Coliform Parameter Only
FECAL COLIFORM (REUSE)	Daily	10/31/2016	<1	CFU		
FECAL COLIFORM (REUSE)	Daily	11/01/2016	<1	CFU		
FECAL COLIFORM (REUSE)	Daily	11/02/2016	<1	CFU		

- Use a SMRF Code

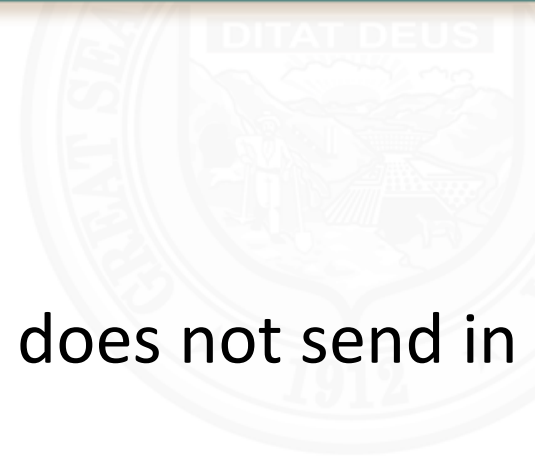
SMRF Code	Description	Deficiency?
00	Enteric Virus: Pending results from Lab. Hard copy sent to ADEQ	N
01	Dry Well	N
02	Lab Error	Y
03	No Sample Taken/ Analysis Not Conducted	Y
05	No Flow / No Discharge	N
06	Down for Repairs	Y
07	Not Constructed	N
08	Suspended	N
9	In Ambient Phase	N
10	Weekend/Holiday	N
12	4 Sample Requirement Met Fecal/E.coli, Coliform Parameter Only	N
13	Phase Monitoring - Not at this stage	N
14	Contingency Monitoring Not Required <i>(Use only on Contingency Parameters)</i>	N

SMRFs are due 30 days after the Reporting period

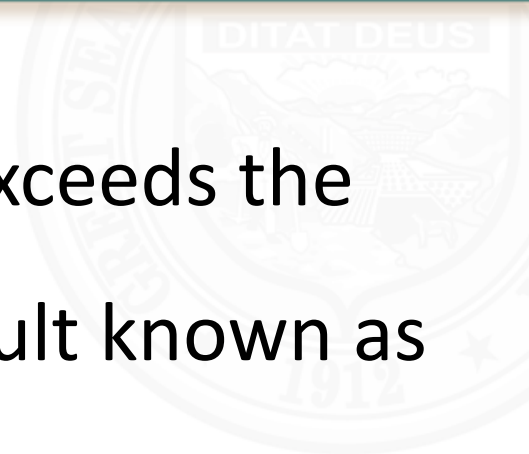
Monitoring conducted during quarter:	Quarterly Report due by:
January-March	April 30
April-June	July 30
July-September	October 30
October-December	January 30

Monitoring conducted:	Report due by:
Semi-annual: January-June	July 30
Semi-annual: July-December	January 30
Annual: January-December	January 30

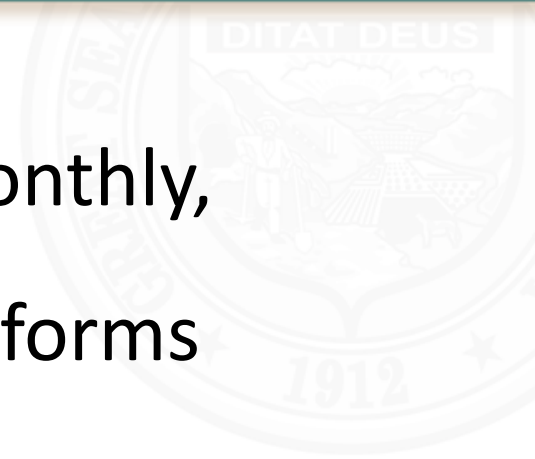
ADEQ must **receive** reports by the due date



- Paper forms
 - Usually the facility either reports late or does not send in the rest of SMRF.
- myDEQ prevents the partial submitting of SMRFs.



- Reporting a non-detect results that exceeds the permit can be revised using a Lab result known as the Method Detection Limit (MDL)
 - The Lab conducts a calculation of the sample
- The report should indicate that a MDL was established for the Reporting Limit (RL)



- Reporting a non-detect results for Monthly, Quarterly etc. for E. Coli or Fecal Coliforms
 - The database will not allow a “<” sign for the Limits
- Report the E. Coli or Fecal Coliforms as “0” and in the comments annotate:

“Result <1 CFU (or <2.2 MPN) Non-detect compliant per permit”

- The Lab report will list results as ND
 - The database will only allow a numeric value for the results
 - Unless it is a self inspection then Y\N will only be accepted
 - Use the Reporting Limit (RL) for the ND

- Leaving results blank is a missed sample

- Most occurs on Daily reporting
- Use the proper SMRF Code

myDEQ will not allow a blank result to be submitted the SMRF Code is considered a result

Once received, review the reports for accuracy.

Data reported to ADEQ

Type of violation

SMRF Potential Deficiencies Report

MONITORING POINT	MONITORING POINT ID#	SAMPLE FREQUENCY	PARAMETER	SAMPLE DATE	RESULTS	UNITS	SMRF CODE	PERMIT LIMITS			NON COMPLIANCE
								ALERT LEVELS	DISCHARGE LIMITS		
DM - DECHLORINATION UNIT	145158	Twice Yearly Monitoring	TRIHALO METHANE (TTHM)	02/15/2017	0.19	MG/L		.08	.1		Permit Limit Exceedance
								AQL	pH MIN	pH MAX	
								NOT APPLICABLE			

SMRFs may be revised if reporting errors occur

- A revision is a new SMRF submission
- Revisions must be submitted on the paper SMRF forms along with the Certification
- You only need to revise the mistaken results
 - **Please do not fill out the entire page or SMRF**
- Laboratory documents may be required if requested
- Revisions may be emailed to the Inspections & Compliance Unit

Example Revision

Sampling/Reporting Frequencies: Quarterly Monitoring/QUARTERLY

WTORET: 77128 Permit Limit: AL: 80 DL: 100 AQL: N/A MIN: MAX
Chemical: STYRENE Units: UG/L

Sample Date	Result	Comments
/ /		

WTORET: 81551 Permit Limit: AL: 8000 DL: 10000 AQL: N/A MIN: MAX
Chemical: TOTAL XYLENE Units: UG/L

Sample Date	Result	Comments
/ /		

WTORET: 85810 Permit Limit: AL: 80 DL: 100 AQL: N/A MIN: MAX
Chemical: TRANS-1,2-DICHLORO ETHYLENE Units: UG/L

Sample Date	Result	Comments
02/12/2018	< 1.00	

WTORET: M05EN Permit Limit: AL: 80 DL: 100 AQL: N/A MIN: MAX
Chemical: MONOCHLORO BENZENE Units: UG/L

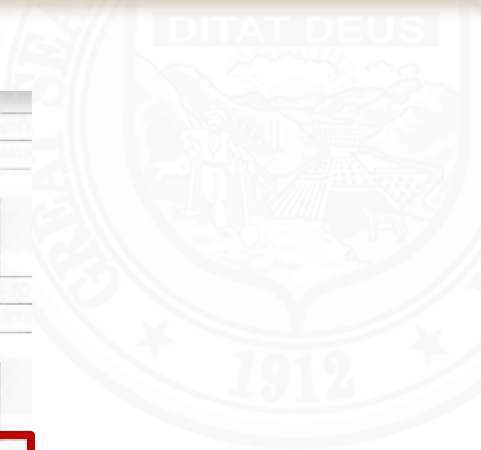
Sample Date	Result	Comments
02/12/2018	< 1.00	

WTORET: ODBEN Permit Limit: AL: 480 DL: 600 AQL: N/A MIN: MAX
Chemical: O-DICHLORO BENZENE Units: UG/L

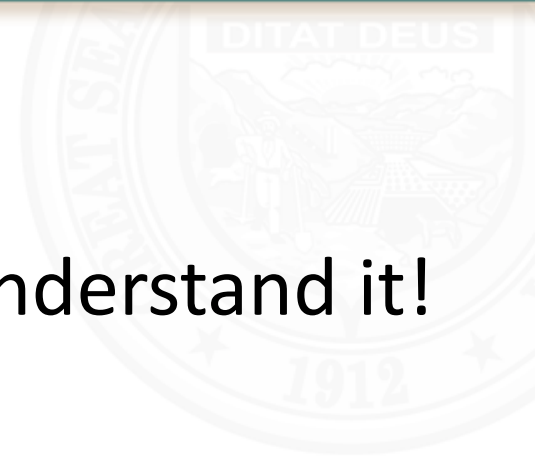
Sample Date	Result	Comments
02/12/2018	< 1.00	

WTORET: PDBEN Permit Limit: AL: 60 DL: 75 AQL: N/A MIN: MAX
Chemical: PARA-DICHLORO BENZENE Units: UG/L

Sample Date	Result	Comments
/ /		



- Your permit is your guide: work to understand it!
- Communicate when violations happen either as a Revision or Contingency
- We are here to help



Data compliance questions? Please call!

- Tracy Bunch
 - (602) 771 4571
 - Bunch.Tracy@azdeq.gov

