



**Chesapeake Bay Program**  
*Science. Restoration. Partnership.*

# Point Source Data Project Update for WWTWG

**05 June 2018**

**Megan Thyng & Sucharith Ravi**

# Project goals & assumptions

## Goals

- Streamline data reporting process and final progress run data preparation
- Reduce burden of data reporting/quality assurance on jurisdictions and PS data manager
- Improve data quality, data management process, and documentation

## Assumptions

- Jurisdictions will use new tool to submit all final point source progress data to CBP
- New tool will use ICIS-NDPES as the initial source of all facility/point source data
- New tool will produce final point source progress data in required format for CBP model run
- Point source data manager will use the tool for reviewing jurisdictions submissions
- Final point source progress data will be maintained in a CBP-developed database

# Project status

Met with jurisdictions, as a group and individually to:

- Approve application workflow
- Confirm CBP's approach to data quality checks and fixes
- Identify state-specific data checks/fixes and issues

## Development progress

- Ning Zhou acted as a consultant to CBP for 6 months
- Finalized loading all historical point source data into application and database
- Continued build-out of application functionality

Action	Date	Responsibility
<b>Phase 1: Data review</b>	June 4 – July 13	CBP
<ul style="list-style-type: none"> <li>Refine data retrieval process to replicate jurisdiction-submitted data for 2017 Progress</li> </ul>		
<b>Phase 2: Requirements gathering &amp; application development</b>	July 16 – August 24	CBP & jurisdictions
<ul style="list-style-type: none"> <li>Resolve data issues identified in Phase 1</li> <li>Identify and build remaining QA checks</li> <li>Identify and build remaining data “fixes”</li> </ul>		
<b>Phase 3: Application development &amp; testing</b>	August 6 – October 5	CBP & jurisdictions
<ul style="list-style-type: none"> <li>Define and develop jurisdiction approval process</li> <li>Define and develop additional necessary reports</li> <li>Test application using 2018 progress data</li> </ul>		
<b>Phase 4: Application refinements</b>	October 8 – November 16	CBP & jurisdictions
<ul style="list-style-type: none"> <li>Implement application changes/updates based on state testing</li> </ul>		
<b>Phase 5: Final release</b>	November 19	CBP
<ul style="list-style-type: none"> <li>Use application to submit 2018 Progress data</li> </ul>		

# Discussion

- CBP is asking for jurisdiction commitment to project timeline, specifically working with CBP for 4 months (July – November) to test application, review data, and provide feedback required to complete development
- After 2018 progress submissions are complete, CBP will work with jurisdictions to add additional functionality to application

# Application demo

- Time allowing, we'll do a brief demo today; screen shots attached to presentation for review
- Important notes to keep in mind:
  - No self-registration; CBP will set up all user accounts
  - Not all fixes have been identified or created
  - Not all data checks have been identified or created
  - App is focused currently on submitting annual progress run data

# Application demo

<https://pointsource.chesapeakebay.net>

# Resources

Project lead: Megan Thyng (thyng.megan@epa.gov)

Data lead: Sucharith Ravi (sravi@chesapeakebay.net)

Application (beta site): <https://pointsource.chesapeakebay.net>

Documents:

<https://cbpo.sharepoint.com/sites/Intranet/gits/waterquality/WTWG/>





# Point Source

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## Welcome to CBP's Point Source Data Submission Application

This application allows jurisdictions for to report point source data for significant and insignificant facilities to CBP for use in its annual progress runs. It will also produce final point source progress data input decks in the required format for CBP's watershed model.

### Log In To Get Started

Email

Password

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

Select States...

Add New Facility

Clear Filters

Export to Excel

Drag a column header and drop it here to group by that column

State ▼	NPDES ID ▼	Facility ▼	Status ▼	Discharge Type ▼	Facility Type ▼	View/Edit
DC	DC0000019	WASH AQUEDUCT-DALECARLIA	Inactive	INDUSTRIAL	INSIG	
DC	DC0000035	GEORGETOWN 29K ACQUISITION	Active	INDUSTRIAL	INSIG	
DC	DC0000094	PEPCO - BENNING	Inactive	INDUSTRIAL	INSIG	
DC	DC0000141	WASHINGTON NAVY YARD	Active	INDUSTRIAL	INSIG	
DC	DC0000175	SUPER CONCRETE CORP.	Active	INDUSTRIAL	INSIG	
DC	DC0000337	WMATA-MISSISSIPPI AVE DPS	Active	INDUSTRIAL	INSIG	
DC	DC0000345	NATIONAL WORLD WAR II MEMORIAL	Active	INDUSTRIAL	INSIG	
DC	DC0000361	WALTER REED ARMY HOSPITAL	Inactive	INDUSTRIAL	INSIG	
DC	DC0021199	BLUE PLAINS	Active	MUNICIPAL	SIG	
DC	DC0022004	MIRANT POTOMAC RIVER L.L.C.	Inactive	INDUSTRIAL	INSIG	
DC	DC-CSO	WASHINGTON, D.C. COMBINED SEWER OVERFLOW	Inactive	MUNICIPAL	INSIG	
DC	DCRESERVE	DC RESERVE	Inactive	MUNICIPAL	INSIG	



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## EDIT FACILITY - BLUE PLAINS

\* Required field

Save

Return to List

Use All ICIS-NPDES Values: ☐

Show History

NPDES ID

DC0021199

Facility Name \*

BLUE PLAINS

☐ ICIS: D.C. WASA (BLUE PLAINS)

Facility Size \*

Major

TMDL Status

☒ Significant ☐ Insignificant

Street Address \*

☐ ICIS: 5000 OVERLOOK AVE, SW

SIC Code \*

4952-Sewerage Systems

☐ ICIS: 4952-Sewerage Systems

Discharge Type \*

MUNICIPAL

City \*

☐ ICIS: WASHINGTON

State \*

DC

☐ DC

Zip \*

20032

☐ 20372

Permit Status \*

Admin Continued

ICIS: Admin Continued

## Current Permit

Issue Date

Expiration Date

☐ ICIS: 09/30/2015

Facility Online Date

Facility Offline Date

TN Limit Effective Date

TP Limit Effective Date



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Issue Date	Expiration Date	Facility Online Date	Facility Offline Date	TN Limit Effective Date	TP Limit Effective Date
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	<input type="checkbox"/> ICIS: 09/30/2015				
Original Issue Date	Effective Date	TN Permit Limit	TP Permit Limit	Permit Issued With TMDL Limits Date	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	

## OUTFALLS

<div>+ Add Outfall</div> <div>Outfall Info</div>						
Discharge Point Code	Discharge Type Name	Latitude	Longitude	Status	Comment	Edit
001	MUNICIPAL	38.8162231	-77.02414	Active		
002	MUNICIPAL	38.8162231	-77.02414	Active		
1 - 2 of 2 items						







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Issue Date




Expiration Date




Facility Online Date




Facility Offline Date




TN Limit Effective Date




TP Limit Effective Date



Original Issue Date




Effective Date



TN Permit Limit

TP Permit Limit

Permit Issued With TMDL Limits Date



ICIS: 09/30/2015

OUTFALLS

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Outfall Info

Discharge Point Code	Discharge Type Name	Latitude	Longitude	Status	Comment	Edit
001	MUNICIPAL	38.8162231	-77.02414	Active		
002	MUNICIPAL	38.8162231	-77.02414	Active		

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Outfall List

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2. 019 - EXO

3. 002 - EXO



Issue Date

Expiration Date

Facility Online Date

Facility Offline Date

TN Limit Effective Date

TP Limit Effective Date

Original Issue Date

Effective Date

Permit Issued With TMDL Limits Date

ICIS: 09/30/2015

OUTFALLS

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001					
001	MUNICIPAL	38.816			
002	MUNICIPAL	38.8162231	-77.02414	Active	

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Add/Edit Outfall

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Discharge Point \*

001

Discharge Type \*

Select Discharge Type

Status \*

☐ Active ☒ Inactive

Update

Cancel



HOME FACILITIES DATA SETS REPORTS HOW TO ABOUT CONTACT US

## EDIT FACILITY - BLUE PLAINS

\* Required fields

NPDES ID

Facility Name

☐ ICIS: D.C.

Street Address

☐ ICIS: 500

City \*

☐ ICIS: WASHINGTON

☐ DC

☐ 20372

ICIS: Admin Continued

### Current Permit

Issue Date



Expiration Date



Facility Online Date



Facility Offline Date



TN Limit Effective Date



TP Limit Effective Date



☐ ICIS: 09/30/2015

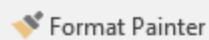
Facility History

Drag a column header and drop it here to group by that column

Facility ID	Field	Old Value	New Value	Modified Date	Modified By
9	Outfall-001-IsActive	False	True	Dec-01-2017	thyng.megan@epa.gov
9	Outfall-001-IsActive	True	False	Dec-01-2017	thyng.megan@epa.gov

1 - 2 of 2 items





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## ANNUAL DMR'S

State [Show All](#)

Select States...

+ Add Annual DMR

Clear Filters

Drag a column header and drop it here to group by that column

DMR Name	State ▼	DMR Status ▼	DMR Description ▼	Year ▼	Facility	DMR Data	Edit	Delete
MD2016	MD	DMR Data Final Approved	Phase6MD2016	2016	<a href="#">View</a>	<a href="#">View</a>	<a href="#">✎</a>	<a href="#">🗑</a>
WV1984	WV	DMR Data Final Approved	Phase6WV1984	1984	<a href="#">View</a>	<a href="#">View</a>	<a href="#">✎</a>	<a href="#">🗑</a>
VA1984	VA	DMR Data Final Approved	Phase6VA1984	1984	<a href="#">View</a>	<a href="#">View</a>	<a href="#">✎</a>	<a href="#">🗑</a>
PA1984	PA	DMR Data Final Approved	Phase6PA1984	1984	<a href="#">View</a>	<a href="#">View</a>	<a href="#">✎</a>	<a href="#">🗑</a>
NY1984	NY	DMR Data Final Approved	Phase6NY1984	1984	<a href="#">View</a>	<a href="#">View</a>	<a href="#">✎</a>	<a href="#">🗑</a>
MD1984	MD	DMR Data Final Approved	Phase6MD1984	1984	<a href="#">View</a>	<a href="#">View</a>	<a href="#">✎</a>	<a href="#">🗑</a>
DE1984	DE	DMR Data Final Approved	Phase6DE1984	1984	<a href="#">View</a>	<a href="#">View</a>	<a href="#">✎</a>	<a href="#">🗑</a>
DC1984	DC	DMR Data Final Approved	Phase6DC1984	1984	<a href="#">View</a>	<a href="#">View</a>	<a href="#">✎</a>	<a href="#">🗑</a>
WV2015	WV	DMR Data Final Approved	Phase6WV2015	2015	<a href="#">View</a>	<a href="#">View</a>	<a href="#">✎</a>	<a href="#">🗑</a>
VA2015	VA	DMR Data Final Approved	Phase6VA2015	2015	<a href="#">View</a>	<a href="#">View</a>	<a href="#">✎</a>	<a href="#">🗑</a>

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+ Add Annual DMR

Clear Filters

Drag a column header and drop it here to group by that column

DMR Name	State ▼	DMR Status ▼	DMR Description ▼	Year ▲ ▼	Facility	DMR Data	Edit	Delete
DC2004	DC	DMR Data Final Approved	Phase6DC2004	2004	<a href="#">View</a>	<a href="#">View</a>	<a href="#">✎</a>	<a href="#">🗑</a>
DC2005	DC	DMR Data Final Approved	Phase6DC2005	2005	<a href="#">View</a>	<a href="#">View</a>	<a href="#">✎</a>	<a href="#">🗑</a>
DC2006	DC	DMR Data Final Approved	Phase6DC2006	2006	<a href="#">View</a>	<a href="#">View</a>	<a href="#">✎</a>	<a href="#">🗑</a>
DC2007	DC	DMR Data Final Approved	Phase6DC2007	2007	<a href="#">View</a>	<a href="#">View</a>	<a href="#">✎</a>	<a href="#">🗑</a>
DC2008	DC	DMR Data Final Approved	Phase6DC2008	2008	<a href="#">View</a>	<a href="#">View</a>	<a href="#">✎</a>	<a href="#">🗑</a>
DC2009	DC	DMR Data Final Approved	Phase6DC2009	2009	<a href="#">View</a>	<a href="#">View</a>	<a href="#">✎</a>	<a href="#">🗑</a>
DC2010	DC	DMR Data Final Approved	Phase6DC2010	2010	<a href="#">View</a>	<a href="#">View</a>	<a href="#">✎</a>	<a href="#">🗑</a>
DC2011	DC	DMR Data Final Approved	Phase6DC2011	2011	<a href="#">View</a>	<a href="#">View</a>	<a href="#">✎</a>	<a href="#">🗑</a>
DC2012	DC	DMR Data Final Approved	Phase6DC2012	2012	<a href="#">View</a>	<a href="#">View</a>	<a href="#">✎</a>	<a href="#">🗑</a>
DC2013	DC	DMR Data Final Approved	Phase6DC2013	2013	<a href="#">View</a>	<a href="#">View</a>	<a href="#">✎</a>	<a href="#">🗑</a>

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## ANNUAL DMR'S

State Show All

DC x

+ Add Annual DMR Clear Filters

Drag a column header and drop it here to group by that col

DMR Name	State	DMR Status	Facility	DMR Data	Edit	Delete
DC2002	DC	DMR Data Final App	View	View		
DC2003	DC	DMR Data Final App	View	View		
DC2004	DC	DMR Data Final App	View	View		
DC2005	DC	DMR Data Final App	View	View		
DC2006	DC	DMR Data Final App	View	View		
DC2007	DC	DMR Data Final App	View	View		
DC2008	DC	DMR Data Final App	View	View		
DC2009	DC	DMR Data Final App	View	View		
DC2010	DC	DMR Data Final Approved	Phase6DC2010	2010	View	View
DC2011	DC	DMR Data Final Approved	Phase6DC2011	2011	View	View

Add/Edit Annual DMR

\* Required field

Annual DMR Name \*

DMR Description

State \*  
Select State

DMR Year \*  
Select DMR Year

Sig/Insig  
Both Sig and Insig

Discharge Type  
All

Comments

Update

Cancel

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## ANNUAL DMR'S

State Show All

DC x

+ Add Annual DMR

Clear Filters

Drag a column header and drop it here to group by that col

DMR Name	State	DMR Status
DC2002	DC	DMR Data Final App
DC2003	DC	DMR Data Final App
DC2004	DC	DMR Data Final App
DC2005	DC	DMR Data Final App
DC2006	DC	DMR Data Final App
DC2007	DC	DMR Data Final App
DC2008	DC	DMR Data Final App
DC2009	DC	DMR Data Final App
DC2010	DC	DMR Data Final Approved
DC2011	DC	DMR Data Final Approved

## Add/Edit Annual DMR

\* Required field

Annual DMR Name \* Testing DC 2016 SIG

DMR Description

State \* DC

DMR Year \* 2016

Sig/Insig Significant

Discharge Type All

Comments

✓ Update

⊗ Cancel



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## ANNUAL DMR'S

State Show All

DC x

+ Add Annual DMR

Clear Filters

Drag a column header and drop it here to group by that column

DMR Name	State ▼	DMR Status ▼	DMR Description ▼	Year ▼	Facility	DMR Data	Edit	Delete
Testing DC 2016 SIG	DC	Ready For Facilities Validation		2016	<a href="#">Check</a>			
DC2013	DC	DMR Data Final Approved	Phase6DC2013	2013	<a href="#">View</a>	View		
DC2012	DC	DMR Data Final Approved	Phase6DC2012	2012	<a href="#">View</a>	View		
DC2011	DC	DMR Data Final Approved	Phase6DC2011	2011	<a href="#">View</a>	View		
DC2010	DC	DMR Data Final Approved	Phase6DC2010	2010	<a href="#">View</a>	View		
DC2009	DC	DMR Data Final Approved	Phase6DC2009	2009	<a href="#">View</a>	View		
DC2008	DC	DMR Data Final Approved	Phase6DC2008	2008	<a href="#">View</a>	View		
DC2007	DC	DMR Data Final Approved	Phase6DC2007	2007	<a href="#">View</a>	View		
DC2006	DC	DMR Data Final Approved	Phase6DC2006	2006	<a href="#">View</a>	View		

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## FACILITIES - Testing DC 2016 SIG

[Return to List](#)

Select Annual DMR

Testing DC 2016 SIG ▼

[Clear Filters](#)[Export to Excel](#)

Drag a column header and drop it here to group by that column

NPDES ID ▼	Facility ▼	Status ▼	Discharge Type ▼	Facility Type ▼
DC0021199	BLUE PLAINS - 001	Active	MUNICIPAL	Significant
DC0021199	BLUE PLAINS - 002	Active	MUNICIPAL	Significant



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## ANNUAL DMR'S




















State [Show All](#)

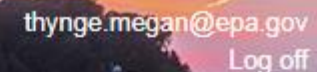
Select States...

+ Add Annual DMR

Clear Filters

Drag a column header and drop it here to group by that column

DMR Name	State ▼	DMR Status ▼	DMR Description ▼	Year ▼	Facility	DMR Data	Edit	Delete
Testing DC 2016 SIG	DC	Facilities Check Complete		2016	Check View Fail	 Run Data Set		
MD2016	MD	DMR Data Final Approved	Phase6MD2016	2016	View	View		
WV1984	WV	DMR Data Final Approved	Phase6WV1984	1984	View	View		
VA1984	VA	DMR Data Final Approved	Phase6VA1984	1984	View	View		
PA1984	PA	DMR Data Final Approved	Phase6PA1984	1984	View	View		
NY1984	NY	DMR Data Final Approved	Phase6NY1984	1984	View	View		
MD1984	MD	DMR Data Final Approved	Phase6MD1984	1984	View	View		
DE1984	DE	DMR Data Final Approved	Phase6DE1984	1984	View	View		
DC1984	DC	DMR Data Final Approved	Phase6DC1984	1984	View	View		

[Export to Excel](#)

Facility	NPDES ID	Monitoring ...	...	Val	Parameter	Fz	Se...	Fix
▶ Facilities With "Below Detection Limit - No Detection - B" - (Count : 2)								Fix All
▶ Facilities With "No Discharge" - (Count : 20)								Fix All
▶ Value Not Found for BOD5 - (Count : 5)								Fix All
BLUE PLAINS - 001	DC0021199	Mar-31-2016	80082		BOD5 - Biochemical Oxygen Demand, 5 Day	SIG	Error	
BLUE PLAINS - 001	DC0021199	Oct-31-2016	80082		BOD5 - Biochemical Oxygen Demand, 5 Day	SIG	Error	
BLUE PLAINS - 001	DC0021199	Nov-30-2016	80082		BOD5 - Biochemical Oxygen Demand, 5 Day	SIG	Error	
BLUE PLAINS - 001	DC0021199	Jun-30-2016	80082		BOD5 - Biochemical Oxygen Demand, 5 Day	SIG	Error	
BLUE PLAINS - 001	DC0021199	Sep-30-2016	80082		BOD5 - Biochemical Oxygen Demand, 5 Day	SIG	Error	
▶ Value Not Found For DO - (Count : 12)								Fix All
▶ Value Not Found for NH3 - (Count : 13)								Fix All





Clear Filters Group By Severity

[Export to Excel](#)

Facility	NPDES ID	Monitoring ...	...	Val	Parameter	Fz	Se...	Fix
<b>Facilities With "Below Detection Limit - No Detection - B" - (Count : 2)</b>								Fix All
<b>Facilities With "No Discharge" - (Count : 20)</b>								Fix All
<b>Value Not Found for BOD5</b>								Fix All
<b>Value Not Found for BOD5 - (Count : 5)</b>								Fix All
BLUE PLAINS - 001	DC0021199	Mar-31-2016	80082		BOD5 - Biochemical Oxygen Demand, 5 Day	SIG	E	
BLUE PLAINS - 001	DC0021199	Oct-31-2016	80082		BOD5 - Biochemical Oxygen Demand, 5 Day	SIG	E	
BLUE PLAINS - 001	DC0021199	Nov-30-2016	80082		BOD5 - Biochemical Oxygen Demand, 5 Day	SIG	Error	
BLUE PLAINS - 001	DC0021199	Jun-30-2016	80082		BOD5 - Biochemical Oxygen Demand, 5 Day	SIG	Error	
BLUE PLAINS - 001	DC0021199	Sep-30-2016	80082		BOD5 - Biochemical Oxygen Demand, 5 Day	SIG	Error	
<b>Value Not Found For DO - (Count : 12)</b>								Fix All
<b>Value Not Found for NH3 - (Count : 13)</b>								Fix All

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Clear Filters

Group By Severity

Export to Excel

Facility NPDES ID Monitoring ... Val Parameter Se... Fix

Facilities With "Below Detection Limit - No Detection - B" - (Count : 2)

Fix All

Facilities With "No Discharge" - (Count : 1)

Fix All

Value Not Found for BOD5 - (Count : 5)

Fix All

BLUE PLAINS - 001

BLUE PLAINS - 001

BLUE PLAINS - 001

BLUE PLAINS - 001

BLUE PLAINS - 001

Enter a user submitted value and then click Save

User Submitted Value

45

QAQC Comment

comment

Save

Cancel

Dissolved Oxygen

SIG

Error



Dissolved Oxygen

SIG

Error



Dissolved Oxygen

SIG

Error



Demand, 5 Day

BOD5 - Biochemical Oxygen  
Demand, 5 Day

SIG

Error

BOD5 - Biochemical Oxygen  
Demand, 5 Day

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Value Not Found For DO - (Count : 12)

Fix All

Value Not Found for NH3 - (Count : 13)

Fix All



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NPDES ID	FacilityName	FacilityType	Outfall	Discharge	MonitoringPer	FLOW	BOD5	DO	NH3	NO23	TN	PO4	TP	TSS	TON	TOP	FLOWSou	BOD5Sou
DC0021199	BLUE PLAINS - 001	Significant	001	MUNICIPAL	1/31/2016	0.16	13.1				12.44		0.56	30		0.56	Used DMR	Used DMR
DC0021199	BLUE PLAINS - 001	Significant	001	MUNICIPAL	2/29/2016	5.61	44.86				20.01		1.39	52.84		1.39	Used DMR	Used DMR
DC0021199	BLUE PLAINS - 001	Significant	001	MUNICIPAL	3/31/2016	0											Used DMR	No Disch
DC0021199	BLUE PLAINS - 001	Significant	001	MUNICIPAL	4/30/2016	0.25	259				29.5		2.21	42		2.21	Used DMR	Used DMR
DC0021199	BLUE PLAINS - 001	Significant	001	MUNICIPAL	5/31/2016	1.3	88.23				23.46		1.86	43.46		1.86	Used DMR	Used DMR
DC0021199	BLUE PLAINS - 001	Significant	001	MUNICIPAL	6/30/2016	0											Used DMR	No Disch
DC0021199	BLUE PLAINS - 001	Significant	001	MUNICIPAL	7/31/2016	0.17	9.06				10		0.81	21		0.81	Used DMR	Used DMR
DC0021199	BLUE PLAINS - 001	Significant	001	MUNICIPAL	8/31/2016	0.15	29.2				21.7		1.88	23		1.88	Used DMR	Used DMR
DC0021199	BLUE PLAINS - 001	Significant	001	MUNICIPAL	9/30/2016	0.14											Used DMR	Insuffici
DC0021199	BLUE PLAINS - 001	Significant	001	MUNICIPAL	10/31/2016	0											Used DMR	No Disch
DC0021199	BLUE PLAINS - 001	Significant	001	MUNICIPAL	11/30/2016	0											Used DMR	No Disch
DC0021199	BLUE PLAINS - 001	Significant	001	MUNICIPAL	12/31/2016	0.58	88.8				23.97		2.62	64		2.62	Used DMR	Used DMR
DC0021199	BLUE PLAINS - 002	Significant	002	MUNICIPAL	1/31/2016	284	1.55	8.1	0.05		2.92		0.07	1.45	1.55	0.07	Used DMR	Used DMR
DC0021199	BLUE PLAINS - 002	Significant	002	MUNICIPAL	2/29/2016	342	1.91	7.5			3.17	0.07	0.08	1.16	1.57	0.01	Used DMR	Used DMR
DC0021199	BLUE PLAINS - 002	Significant	002	MUNICIPAL	3/31/2016	291	2.01	9	0.13		2.79	0.08	0.08	1.35	1.44	0	Used DMR	Used DMR
DC0021199	BLUE PLAINS - 002	Significant	002	MUNICIPAL	4/30/2016	279	1.91	8.6	0.18		2.94	0.08	0.09	1.15	1.6	0.01	Used DMR	Used DMR
DC0021199	BLUE PLAINS - 002	Significant	002	MUNICIPAL	5/31/2016	316	1.58	8.3	0.26		3.61	0.06	0.09	1.28	1.64	0.03	Used DMR	Used DMR
DC0021199	BLUE PLAINS - 002	Significant	002	MUNICIPAL	6/30/2016	279	0.63	6.9	0.07		2.9	0.07	0.09	1.01	1.64	0.02	Used DMR	Used DMR
DC0021199	BLUE PLAINS - 002	Significant	002	MUNICIPAL	7/31/2016	273	1.23	7.3	0.1		2.99	0.09	0.09	0.76	1.59	0	Used DMR	Used DMR
DC0021199	BLUE PLAINS - 002	Significant	002	MUNICIPAL	8/31/2016	259	0.76	7.4	0.23		3.11	0.13	0.16	0.95	1.55	0.03	Used DMR	Used DMR

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State	Reason	Check Type	Severity	Description
ALL	Facilities With "Below Detection Limit - No Detection - B"	DMR Data	Warning	Facilities with "Below Detection Limit - No Detection - B"
ALL	Value Not Found For DO	DMR Data	Error	Value Not Found for DO
PA	Facilities With "No Discharge"	DMR Data	Warning	Facilities with "No Discharge"
ALL	Value Not Found for PO4	DMR Data	Error	Value Not Found for PO4
ALL	Failed Condition TKN >= NH3	DMR Data	Error	Failed Condition TKN >= NH3
ALL	Failed Condition TKN + NO2/NO3 = TN	DMR Data	Error	Failed Condition TKN + NO2/NO3 = TN
ALL	Species Value Exists for No flow	DMR Data	Error	Species Value Exists for No Flow
ALL	Value Not Found for FLOW	DMR Data	Error	Value Not Found for FLOW
ALL	Value Not Found for BOD5	DMR Data	Error	Value Not Found for BOD5
ALL	Value Not Found for NH3	DMR Data	Error	Value Not Found for NH3
ALL	Value Not Found for NO23	DMR Data	Error	Value Not Found for NO23
ALL	Value Not Found for TN	DMR Data	Error	Value Not Found for TN
ALL	Value Not Found for TP	DMR Data	Error	Value Not Found for TP

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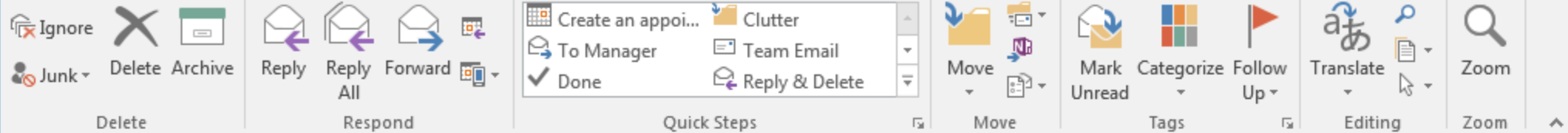
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