

Wastewater Quality Assurance Plans

QUALITY ASSURANCE PROJECT PLANS Quality Assurance Project Plans (QAPPs) for the collection and use of environmental data are required from the seven watershed jurisdictions. These QAPPs document how jurisdictions are reporting implementation data for progress scenarios and need to be up to date to assist in facilitation of the grant monitoring process by CBIG and CBRAP project officers – as well as to accommodate work of the CBP BMP Verification Review Panel and CBP BMP Verification Committee, specifically each jurisdiction's BMP verification program plans. Additionally, jurisdictions are expected to update their QAPPs when new data sources become available which enable them to enhance reporting of existing or newly approved BMPs. QAPPs are required for all data described in this document.

On **page 1** of the Chesapeake Bay Program Grant Guidance Attachment 6 - Chesapeake Bay Program Wastewater Facility and BMP Implementation Data Submission Specifications and Requirements

<https://www.epa.gov/sites/production/files/2016-01/documents/attachment6pointnonpointsourcedata.pdf>

This document also serves as a key manual for jurisdictions to process and report high quality wastewater progress data.

Wastewater Quality Assurance Plans

	Draft Submitted
NY	Yes
PA	Yes
MD	Yes
WV	Yes
DC	Due by ?
DE	Due by 10/15 2016
VA	Due by 7/1/2016

NY	http://www.chesapeakebay.net/documents/NY_Draft_Point_Source_Data_QAPP.pdf
PA	http://www.chesapeakebay.net/documents/PA_Draft_Point_Source_Data_QAPP.pdf
MD	http://www.chesapeakebay.net/documents/Approved_-_MDE_WMA_ICIS_(WWTP)_QAPP.pdf
	http://www.chesapeakebay.net/documents/Approved_-_MDE_SSA_ENR_Data_QAPP.pdf
WV	http://www.chesapeakebay.net/channel_files/23281/wvdep_point_source_qapp_revised_11-5-15.pdf

All QAPP documents are/will be posted at
http://www.chesapeakebay.net/about/programs/bmp/additional_resources

Data Submission Status for New Sources

	Spray Irrigation		Rapid Infiltration	Large Monitored OWST
	Ag land	non-Ag land		
NY				
PA				
MD	Yes	Yes	Yes	NA
DC	NA	NA	NA	NA
DE				
WV	Yes	NA	NA	NA
VA	Yes	Yes		

Facility Upgrade Information

Status of Major WWTP Upgrading Projects for Meeting the Bay TMDL goals														
					2015 data			Upgrade Status			Upgrade Design (optional)			
STATE	TYPE	FACILITY	NPDES	OUTFALL	FLOW (mgd)	TN_C (mg/l)	TP_C (mg/l)	Completed (Yes or No)	Date Completed	Date To Be Completed	Treatment Process	Effluent TN (mg/l)	Effluent TP (mg/l)	Comments
DC	MUNICIPAL	BLUE PLAINS	DC0021199	002	288.61	2.97	0.07							
DE	MUNICIPAL	BRIDGEVILLE	DE0020249	001	0.03	42.43	6.72							
DE	MUNICIPAL	LAUREL	DE0020125	001	0.32	5.32	0.67							
DE	MUNICIPAL	SEAFORD	DE0020265	001	1.05	7.85	1.24							
DE	INDUSTRIAL	INVISTA (DUPONT-SEAFORD)	DE0000035	001	8.94	0.00	0.00							
MD	MUNICIPAL	ABERDEEN	MD0021563	001	2.00	2.27	0.13							
MD	MUNICIPAL	ABERDEEN PROVING GROUNDS-AE	MD0021237	001	0.58	5.43	0.11							
MD	MUNICIPAL	ABERDEEN PROVING GROUNDS-ED	MD0021229	001	0.89	5.18	0.30							
MD	MUNICIPAL	ANNAPOLIS	MD0021814	001	8.47	5.46	0.22							
MD	MUNICIPAL	BACK RIVER	MD0021555	001	143.29	7.59	0.15							
MD	MUNICIPAL	BALLENGER CREEK	MD0021822	001	6.19	3.78	0.24							
MD	MUNICIPAL	BELTSVILLE USDA EAST	MD0020842	001	0.24	4.18	0.69							
MD	MUNICIPAL	BOONSBORO	MD0020231	001	0.34	2.78	0.39							
MD	MUNICIPAL	BOWIE	MD0021628	001	1.87	3.26	0.10							

Template: http://www.chesapeakebay.net/channel_files/23281/wwtp_upgrade_status_2016.xlsx

Due by May 6, 2016

Data Received as of June 7, 2016: MD, WV

Estimated Current Level of Effort for the Wastewater Data Processing on Both the State and CBPO Sides

	Pulling data together	QAQC	Total Communication time on QAQC between CBPO and States	Input Deck Development
NY	1 week	2 week	2 week	
PA	1 week	4 weeks	2 week	
MD	1 week	4 weeks	3 week	
DC	1 day	1 week	1 week	
DE	1 week	1 week	1 week	
WV	1 week	2 week	1 week	
VA	1 week	3 week	2 week	
CBPO	1 week	1 month		1 week

Estimated Future Level of Effort for the Wastewater Data Processing on Both the State and CBPO Sides With the new Point Source Data Submission System

Strawman

	Pulling data together	QAQC	Total Communication time on QAQC between CBPO and States	Input Deck Development
NY	1 day	1 week	1 week	
PA	1 day	2 weeks	1 week	
MD	3 day	2 weeks	1 week	
DC	0 day	1 day	0 week	
DE	0 day	3 day	1/2 week	
WV	3 day	1 week	1/2 week	
VA	0 day	1 week	1/2 week	
CBPO	0 day	1 week		0 week