

Application Type Renewal  
Facility Type Industrial  
Major / Minor Minor

**NPDES PERMIT FACT SHEET  
INDIVIDUAL INDUSTRIAL WASTE (IW)  
AND IW STORMWATER**

Application No. PA0110680  
APS ID 1011873  
Authorization ID 1306404

**Applicant and Facility Information**

Applicant Name	<u>Wood Mode LLC</u>	Facility Name	<u>Wood Mode Inc.</u>
Applicant Address	<u>1 Second Street</u> <u>Kreamer, PA 17833-5000</u>	Facility Address	<u>1 Second Street</u> <u>Kreamer, PA 17833-5000</u>
Applicant Contact	<u>Robert Gessner</u>	Facility Contact	<u>Robert Gessner</u>
Applicant Phone	<u>(570) 374-2711</u>	Facility Phone	<u>(570) 374-2711</u>
Client ID	<u>351282</u>	Site ID	<u>2760</u>
SIC Code	<u>2434</u>	Municipality	<u>Middlecreek Township</u>
SIC Description	<u>Manufacturing - Wood Kitchen Cabinets</u>	County	<u>Snyder</u>
Date Application Received	<u>February 19, 2020</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>March 3, 2020</u>	If No, Reason	<u></u>
Purpose of Application	<u>Application for the renewal of the existing individual NPDES permit.</u>		

**Summary of Review**

Wood Mode LLC has submitted an application for the renewal of the existing NPDES Permit PA0110680 for the Department's review. DEP will publish notice of the receipt of the NPDES permit application and a tentative decision to issue the individual NPDES permit in the *Pennsylvania Bulletin* in accordance with 25 Pa. Code § 92a.82. Upon publication in the *Pennsylvania Bulletin*, DEP will accept written comments from interested persons for a 30-day period (which may be extended for one additional 15-day period at DEP's discretion), which will be considered in making a final decision on the application. Any person may request or petition for a public hearing with respect to the application. A public hearing may be held if DEP determines that there is significant public interest in holding a hearing. If a hearing is held, notice of the hearing will be published in the *Pennsylvania Bulletin* at least 30 days prior to the hearing and in at least one newspaper of general circulation within the geographical area of the discharge.

Wood Mode, Inc. is a cabinet manufacturer that discharges treated boiler blowdown wastewater to Middle Creek.

Approve	Deny	Signatures	Date
X		<i>Jonathan P. Peterman</i> Jonathan P. Peterman / Project Manager	May 7, 2020
		Nicholas W. Hartranft, P.E. / Environmental Engineer Manager	

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.0006</u>
Latitude	<u>40° 48' 18.58"</u>	Longitude	<u>-76° 57' 40.02"</u>
Quad Name	<u>Freeburg</u>	Quad Code	<u>1230</u>
Wastewater Description: <u>IW Process Effluent without ELG (Boiler Blowdown)</u>			
Receiving Waters	<u>Middle Creek (TSF)</u>	Stream Code	<u>17701</u>
NHD Com ID	<u>54965497</u>	RMI	<u>7.55</u>
Drainage Area	<u>151.24</u>	Yield (cfs/mi <sup>2</sup> )	<u>0.1134</u>
Q <sub>7-10</sub> Flow (cfs)	<u>17.15</u>	Q <sub>7-10</sub> Basis	<u>Gage No. 1565000</u>
Elevation (ft)	<u>475</u>	Slope (ft/ft)	<u>0.0003</u>
Watershed No.	<u>6-A</u>	Chapter 93 Class.	<u>TSF</u>
Existing Use	<u>TSF</u>	Existing Use Qualifier	<u>N/A</u>
Exceptions to Use	<u>None.</u>	Exceptions to Criteria	<u>None.</u>
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>SILTATION</u>		
Source(s) of Impairment	<u>AGRICULTURE</u>		
TMDL Status	<u>Pending</u>	Name	<u>N/A</u>
Nearest Downstream Public Water Supply Intake	<u>United Water Pennsylvania</u>		
PWS Waters	<u>Susquehanna River</u>	Flow at Intake (cfs)	<u>2610</u>
PWS RMI	<u>79</u>	Distance from Outfall (mi)	<u>44.34</u>

Changes Since Last Permit Issuance: A comparative stream analysis was conducted using a comparative stream gage (1565000) based on basin characteristics. The updated Q<sub>7-10</sub> data was obtained from the updated stream gage information obtained from *Stuckey, M.H., and Roland, M.A., 2011, Selected Streamflow Statistics for Streamgage Locations In and Near Pennsylvania*. The Q<sub>7-10</sub> calculations, which are attached in Appendix A, indicate that the Q<sub>7-10</sub> is 17.15 cfs.

Other Comments:

**Treatment Facility Summary**

The treatment facility is comprised of blowdown pit with automated pH adjustment.

Changes Since Last Permit Issuance: None.

Other Comments: None.

**Anti-Backsliding**

In accordance with 40 CFR 122.44(l)(1) and (2), this permit does not contain effluent limitations, standards, or conditions that are less stringent than the previous permit.

**TMDL Impairment**

The Department's Geographical Information System indicates that there are no associated TMDLs for this segment of Middle Creek. However, the Department's eMapPA system indicates that Middle Creek is impaired for siltation due to agricultural activities. Given that the source of the impairment is identified, and the effluent will not contribute to the impairment or create an in-stream excursion above water quality standards.

**Chesapeake Bay Requirements**

This facility is classified as a "non-significant" IW given that the gross effluent discharges do not exceed 75 lbs/day of TN or 25 lbs/day of TP. The permittee will be not be required to monitor and report TN and TP throughout the permit term in accordance with the Phase II WIP Chesapeake Bay Strategy for non-significant industrial waste facilities. Non-significant IW dischargers should receive monitoring requirements in permits if there is any possibility of a net increase in nutrients as a result of facility processes, and monitoring frequencies should be established using the general guidance in the Phase II WIP Supplement. It was determined that there is no potential that the associated facility processes could create a net increase in TP.

**Existing Effluent Limitations and Monitoring Requirements**

**Outfall 001 - Existing Limits**

Discharge Parameter	Limitations						Monitoring	
	Mass (lb/day)		Concentration (mg/L)				Minimum Frequency	Sample Type
	Monthly Average	Daily Maximum	Minimum	Average Monthly	Daily Maximum	Instantaneous Maximum		
Flow (GPD)	Report	Report					1/day	Measured
pH (S.U.)			6.0			9.0	1/day	Grab
Temperature (°F)					110		1/month	I-S
Total Suspended Solids				30		60	1/week	24-Hr Composite
Oil and Grease				15		30	1/month	Grab

The existing effluent limits for Outfall 001 were based on a design flow of 0.0006 MGD.

**Development of Effluent Limitations**

<b>Outfall No.</b> 001	<b>Design Flow (MGD)</b> 0.0006
<b>Latitude</b> 40° 48' 17"	<b>Longitude</b> 76° 57' 43"
<b>Wastewater Description:</b> Boiler Blowdown	

**Technology-Based Limitations**

The following effluent standards for industrial waste will apply, subject to water quality analysis and BPJ where applicable:

Parameter	Limit (mg/l) (Average Monthly)	Limit (mg/l) (Daily Maximum)	Limit (mg/l) (Inst. Maximum)	Federal Regulation	State Regulation
Oil & Grease	15	-	30	-	95.2(2)(ii)
pH	6-9 at all times	-		§133.102(c)	§95.2

There are no applicable technology-based effluent limitations for boiler blowdown. However, 25 Pa. Code § 95.2 does set forth effluent standards for pH, dissolved iron, and oil and grease for discharges of industrial wastewater. The characteristics of the blowdown do not show a potential to negatively impact the receiving surface water.

**Water Quality-Based Limitations**

To establish whether or not water-quality based effluent limitations (WQBELs) are required, the Department models in-stream conditions. In order to determine limitations for toxics, the Department utilizes the PENTOXSD v2.0d model. However, given that there is only "Non-process water" discharged from this facility, a "Reasonable Potential Analysis" was not required and there were no candidates for Pentox modeling. The use of a WQM7.0 analysis is not required for this discharge type.

**Best Professional Judgement (BPJ) Limitations**

Comments: See below.

**Additional Considerations**

None.

**Proposed Effluent Limitations and Monitoring Requirements**

The limitations and monitoring requirements specified below are proposed for the draft permit and reflect the most stringent limitations amongst the abovementioned technology, water quality, and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). Sample frequencies and types are derived from the "NPDES Permit Writer's Manual" (362-0400-001) and/or BPJ.

**Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date**

**Outfall 001 - Proposed Limits**

Discharge Parameter	Limitations							Monitoring	
	Mass (lb/day)		Concentration (mg/L)				Minimum Frequency	Sample Type	
	Monthly Average	Daily Maximum	Minimum	Average Monthly	Daily Maximum	Instantaneous Maximum			
Flow (GPD)	Report	Report					1/day	Measured	
pH (S.U.)			6.0			9.0	1/day	Grab	
Temperature (°F)					110		1/month	I-S	
Total Suspended Solids				30		60	1/week	24-Hr Composite	
Oil and Grease				15		30	1/month	Grab	

The existing proposed limits for Outfall 001 were based on a design flow of 0.0006 MGD.

**Monitoring Frequencies and Sample Types**

The proposed monitoring frequencies and sample types correspond with the Technical Guidance for the Development and Specification of Effluent Limitations (362-0400-001) Table 6-4.

**Flow**

The existing monitoring frequency (1/Day) and sample type (Measured) for Flow correspond with the *Technical Guidance for the Development and Specification of Effluent Limitations* (362-0400-001) Table 6-4. Reporting of maximum daily flow and monthly average is appropriate for this type of facility and consistent with similar facility types.

**Total Suspended Solids (TSS)**

A previous determination using BPJ imposed TSS limits on this outfall. Upon review of the DMRs, it appears that these effluent limits are appropriate, the facility is consistently meeting this limit, and therefore, the limits shall remain.

**pH**

The existing permit limits for pH were implemented in accordance with 25 PA Code §95.2(1), which provide the basis of effluent limitations for pH, and shall remain. Additionally, the only treatment process associated with this outfall is a pH adjustment. Therefore, pH limitations shall remain and are appropriate.

**Oil and Grease**

It was previously determined that since the oil and grease concentrations reported in the previous applications were approaching the effluent standards for industrial waste, a reasonable potential existed that the effluent may exceed the industrial waste effluent standards for Oil and Grease as stipulated in 25 PA Code §95.2(2)(ii). Best professional judgment dictates that limits be imposed for this parameter and these shall remain.

**Temperature**

Since the effluent is comprised of thermally-elevated cooling water, the existing permit requires daily temperature sampling. Given the results and the characteristics of the discharge, the temperature spreadsheet does not require any effluent limits for temperature (°F) or heat load. However, the Department's *Implementation Guidance for Temperature Criteria* (391-2000-017) stipulates a daily maximum temperature limit of 110°F at any point accessible to the public. (Note: The 110°F limit does not apply to limits for internal monitoring points located within a facility.) This effluent limit will be applied in order to in order to protect public safety.

Other Comments: None.

**Stormwater Requirements**

The industrial activities associated with Wood Mode, Inc.'s facility are identified in 40 CFR 122.26(b)(14)(ix) and thus the facility required to obtain an NPDES permit to discharge stormwater into waters of the Commonwealth of Pennsylvania. The facility is classified under SIC Code 2434- Establishments primarily engaged in manufacturing wood kitchen cabinets and wood bathroom vanities, generally for permanent installation. Therefore, Appendix J [Monitoring Requirements and Best Management Practices (BMPs)] will be implemented. The following stormwater requirements will be incorporated into this permit:

DISCHARGE PARAMETER	UNITS	SAMPLE TYPE	MEASUREMENT FREQUENCY
TKN	mg/L	1 Grab	1/6 months
Total Iron	mg/L	1 Grab	1/6 months
Oil and Grease	mg/L	1 Grab	1/6 months
Total Suspended Solids (TSS)	mg/L	1 Grab	1/6 months

**Note:** A previous BPJ determination included monitoring for TKN and Total Nitrogen in the stormwater outfalls. Oil and Grease and TSS are Appendix J requirements. The abovementioned parameters will be applied in part A of the permit for each outfall.

**Chemical Additives**

Wood Mode, Inc. has listed Guardian CSC products in their chemical additive usage sheet. The following chemical additives were listed on the usage sheet, previously approved, and on the approved chemical additive list: GCS-5452, GCS-5708, GCS-5420, and GCS-5644. However, GCS-5215 is listed on the usage sheet and it is not on the approved chemical additive list. The applicant will be notified of this potential non-compliance in the draft permit cover letter. Additionally, the permittee is proposing the use of sulfuric acid, which is on the approved chemical additive list. However, the applicant must supply the appropriate modeling/ calculations to ensure that the usage rate is appropriate. The compliance section will be notified of this issue. Additionally, Part "C" condition C 118 will remain in the permit to address chemical additives.

**Compliance History**

**Summary of Inspections** -The last facility inspection was conducted on 12/12/19 by the Department which reveals that there were no issues and the facility was operating normally. The boiler operator adjusted the sulfuric acid feed rate due to the violation listed below.

**WMS Query Summary** – A WMS Query was run at *Reports - Violations & Enforcements – Open Violations for Client Report* to determine whether there are any unresolved violations associated with the client that will affect issuance of the permit (per CSL Section 609). This query revealed one (1) open violations in the Air Quality Water program. The Safe Drinking Water program will be contacted, and this open violation will be resolved in the system prior to issuance of this permit.

**Summary of e-DMR-** A review of the e-DMR data over the permit term reveals a single violation listed in the compliance section below. The pH violation was a failure to properly control sulfuric acid feed equipment which has been addressed.

**Attachments**



Appendices

Compliance History

DMR Data for Outfall 001 (from February 1, 2019 to January 31, 2020)

Parameter	JAN-20	DEC-19	NOV-19	OCT-19	SEP-19	AUG-19	JUL-19	JUN-19	MAY-19	APR-19	MAR-19	FEB-19
Flow (GPD) Average Monthly	528	526	426	176	148				432	575	714	755
Flow (GPD) Daily Maximum	680	674	648	530	546				568	744	982	1060
pH (S.U.) Instantaneous Minimum	6.05	6.15										
pH (S.U.) Minimum			6.02	6.73	6.42				6.1	6.1	6.1	6.3
pH (S.U.) Instantaneous Maximum	8.94	9.30										
pH (S.U.) Maximum			8.98	8.94	8.31				8.9	8.9	8.9	8.9
Temperature (°F) Daily Maximum	50	46	57	65	64				60	56	58	42
TSS (mg/L) Average Monthly	< 5	5.4	5.5	7.5	25				5	5	6	7
TSS (mg/L) Instantaneous Maximum	6	7	7	14	25				5	5	8	8
Oil and Grease (mg/L) Average Monthly	< 2	2	2	2	E				E	2	2	2
Oil and Grease (mg/L) Instantaneous Maximum	< 2	2	2	2	E				E	2	2	2

DMR Data for Outfall 002 (from February 1, 2019 to January 31, 2020)

Parameter	JAN-20	DEC-19	NOV-19	OCT-19	SEP-19	AUG-19	JUL-19	JUN-19	MAY-19	APR-19	MAR-19	FEB-19
TSS (mg/L) Daily Maximum		GG										
TKN (mg/L) Daily Maximum		GG										
Total Iron (mg/L) Daily Maximum		GG										

**DMR Data for Outfall 003 (from February 1, 2019 to January 31, 2020)**

Parameter	JAN-20	DEC-19	NOV-19	OCT-19	SEP-19	AUG-19	JUL-19	JUN-19	MAY-19	APR-19	MAR-19	FEB-19
TSS (mg/L) Daily Maximum		GG										
TKN (mg/L) Daily Maximum		GG										
Total Iron (mg/L) Daily Maximum		GG										

**DMR Data for Outfall 004 (from February 1, 2019 to January 31, 2020)**

Parameter	JAN-20	DEC-19	NOV-19	OCT-19	SEP-19	AUG-19	JUL-19	JUN-19	MAY-19	APR-19	MAR-19	FEB-19
TSS (mg/L) Daily Maximum		GG										
TKN (mg/L) Daily Maximum		GG										
Total Iron (mg/L) Daily Maximum		GG										

**DMR Data for Outfall 005 (from February 1, 2019 to January 31, 2020)**

Parameter	JAN-20	DEC-19	NOV-19	OCT-19	SEP-19	AUG-19	JUL-19	JUN-19	MAY-19	APR-19	MAR-19	FEB-19
TSS (mg/L) Daily Maximum		GG										
TKN (mg/L) Daily Maximum		GG										
Total Iron (mg/L) Daily Maximum		GG										

**DMR Data for Outfall 006 (from February 1, 2019 to January 31, 2020)**

Parameter	JAN-20	DEC-19	NOV-19	OCT-19	SEP-19	AUG-19	JUL-19	JUN-19	MAY-19	APR-19	MAR-19	FEB-19
TSS (mg/L) Daily Maximum		GG										
TKN (mg/L) Daily Maximum		GG										
Total Iron (mg/L) Daily Maximum		GG										



**DMR Data for Outfall 007 (from February 1, 2019 to January 31, 2020)**

Parameter	JAN-20	DEC-19	NOV-19	OCT-19	SEP-19	AUG-19	JUL-19	JUN-19	MAY-19	APR-19	MAR-19	FEB-19
TSS (mg/L) Daily Maximum		GG										
TKN (mg/L) Daily Maximum		GG										
Total Iron (mg/L) Daily Maximum		GG										

**DMR Data for Outfall 008 (from February 1, 2019 to January 31, 2020)**

Parameter	JAN-20	DEC-19	NOV-19	OCT-19	SEP-19	AUG-19	JUL-19	JUN-19	MAY-19	APR-19	MAR-19	FEB-19
TSS (mg/L) Daily Maximum		GG										
TKN (mg/L) Daily Maximum		GG										
Total Iron (mg/L) Daily Maximum		GG										

**DMR Data for Outfall 009 (from February 1, 2019 to January 31, 2020)**

Parameter	JAN-20	DEC-19	NOV-19	OCT-19	SEP-19	AUG-19	JUL-19	JUN-19	MAY-19	APR-19	MAR-19	FEB-19
TSS (mg/L) Daily Maximum		GG										
TKN (mg/L) Daily Maximum		GG										
Total Iron (mg/L) Daily Maximum		GG										

**DMR Data for Outfall 010 (from February 1, 2019 to January 31, 2020)**

Parameter	JAN-20	DEC-19	NOV-19	OCT-19	SEP-19	AUG-19	JUL-19	JUN-19	MAY-19	APR-19	MAR-19	FEB-19
TSS (mg/L) Daily Maximum		GG										
TKN (mg/L) Daily Maximum		GG										
Total Iron (mg/L) Daily Maximum		GG										

**DMR Data for Outfall 011 (from February 1, 2019 to January 31, 2020)**

Parameter	JAN-20	DEC-19	NOV-19	OCT-19	SEP-19	AUG-19	JUL-19	JUN-19	MAY-19	APR-19	MAR-19	FEB-19
TSS (mg/L) Daily Maximum		GG										
TKN (mg/L) Daily Maximum		GG										
Total Iron (mg/L) Daily Maximum		GG										

**DMR Data for Outfall 012 (from February 1, 2019 to January 31, 2020)**

Parameter	JAN-20	DEC-19	NOV-19	OCT-19	SEP-19	AUG-19	JUL-19	JUN-19	MAY-19	APR-19	MAR-19	FEB-19
TSS (mg/L) Daily Maximum		GG										
TKN (mg/L) Daily Maximum		GG										
Total Iron (mg/L) Daily Maximum		GG										

**DMR Data for Outfall 013 (from February 1, 2019 to January 31, 2020)**

Parameter	JAN-20	DEC-19	NOV-19	OCT-19	SEP-19	AUG-19	JUL-19	JUN-19	MAY-19	APR-19	MAR-19	FEB-19
TSS (mg/L) Daily Maximum		GG										
TKN (mg/L) Daily Maximum		GG										
Total Iron (mg/L) Daily Maximum		GG										

**DMR Data for Outfall 014 (from February 1, 2019 to January 31, 2020)**

Parameter	JAN-20	DEC-19	NOV-19	OCT-19	SEP-19	AUG-19	JUL-19	JUN-19	MAY-19	APR-19	MAR-19	FEB-19
TSS (mg/L) Daily Maximum		GG										
TKN (mg/L) Daily Maximum		GG										
Total Iron (mg/L) Daily Maximum		GG										

**DMR Data for Outfall 015 (from February 1, 2019 to January 31, 2020)**

Parameter	JAN-20	DEC-19	NOV-19	OCT-19	SEP-19	AUG-19	JUL-19	JUN-19	MAY-19	APR-19	MAR-19	FEB-19
TSS (mg/L) Daily Maximum		GG										
TKN (mg/L) Daily Maximum		GG										
Total Iron (mg/L) Daily Maximum		GG										

DMR Data for Outfall 016 (from February 1, 2019 to January 31, 2020)

Parameter	JAN-20	DEC-19	NOV-19	OCT-19	SEP-19	AUG-19	JUL-19	JUN-19	MAY-19	APR-19	MAR-19	FEB-19
TSS (mg/L) Daily Maximum		GG										
TKN (mg/L) Daily Maximum		GG										
Total Iron (mg/L) Daily Maximum		GG										

DMR Data for Outfall 017 (from February 1, 2019 to January 31, 2020)

Parameter	JAN-20	DEC-19	NOV-19	OCT-19	SEP-19	AUG-19	JUL-19	JUN-19	MAY-19	APR-19	MAR-19	FEB-19
TSS (mg/L) Daily Maximum		GG										
TKN (mg/L) Daily Maximum		GG										
Total Iron (mg/L) Daily Maximum		GG										

DMR Data for Outfall 018 (from February 1, 2019 to January 31, 2020)

Parameter	JAN-20	DEC-19	NOV-19	OCT-19	SEP-19	AUG-19	JUL-19	JUN-19	MAY-19	APR-19	MAR-19	FEB-19
TSS (mg/L) Daily Maximum		GG										
TKN (mg/L) Daily Maximum		GG										
Total Iron (mg/L) Daily Maximum		GG										

**Compliance History**

**Effluent Violations for Outfall 001, from: March 1, 2019 To: January 31, 2020**

<b>Parameter</b>	<b>Date</b>	<b>SBC</b>	<b>DMR Value</b>	<b>Units</b>	<b>Limit Value</b>	<b>Units</b>
pH	12/31/19	IMAX	9.30	S.U.	9.0	S.U.
pH	12/31/19	IMAX	9.30	S.U.	9.0	S.U.

Tools and References Used to Develop Permit	
<input checked="" type="checkbox"/>	Q7-10 Analysis and Stream Data (see Appendix A)
<input type="checkbox"/>	WQM 7.0 Model Input/Output (see Appendix )
<input type="checkbox"/>	Toxics Screening Analysis v2.4 (see Appendix)
<input type="checkbox"/>	PENTOXSD v2.0d Model Input/Output (see Appendix)
<input checked="" type="checkbox"/>	Facility Map and Schematic (see Appendix A)
<input type="checkbox"/>	TRC Evaluation Spreadsheet (see Appendix)
<input type="checkbox"/>	Lake Model Output (see Appendix )
<input type="checkbox"/>	WETT Spreadsheet (see Appendix )
<input checked="" type="checkbox"/>	Water Quality Toxics Management Strategy, 361-0100-003, 4/06.
<input checked="" type="checkbox"/>	Technical Guidance for the Development and Specification of Effluent Limitations, 362-0400-001, 10/97.
<input type="checkbox"/>	Policy for Permitting Surface Water Diversions, 362-2000-003, 3/98.
<input checked="" type="checkbox"/>	Policy for Conducting Technical Reviews of Minor NPDES Renewal Applications, 362-2000-008, 11/96.
<input type="checkbox"/>	Technology-Based Control Requirements for Water Treatment Plant Wastes, 362-2183-003, 10/97.
<input type="checkbox"/>	Technical Guidance for Development of NPDES Permit Requirements Steam Electric Industry, 362-2183-004, 12/97.
<input type="checkbox"/>	Pennsylvania CSO Policy, 385-2000-011, 9/08.
<input type="checkbox"/>	Water Quality Antidegradation Implementation Guidance, 391-0300-002, 11/03.
<input type="checkbox"/>	Implementation Guidance Evaluation & Process Thermal Discharge (316(a)) Federal Water Pollution Act, 391-2000-002, 4/97.
<input checked="" type="checkbox"/>	Determining Water Quality-Based Effluent Limits, 391-2000-003, 12/97.
<input type="checkbox"/>	Implementation Guidance Design Conditions, 391-2000-006, 9/97.
<input type="checkbox"/>	Technical Reference Guide (TRG) WQM 7.0 for Windows, Wasteload Allocation Program for Dissolved Oxygen and Ammonia Nitrogen, Version 1.0, 391-2000-007, 6/2004.
<input type="checkbox"/>	Interim Method for the Sampling and Analysis of Osmotic Pressure on Streams, Brines, and Industrial Discharges, 391-2000-008, 10/1997.
<input type="checkbox"/>	Implementation Guidance for Section 95.6 Management of Point Source Phosphorus Discharges to Lakes, Ponds, and Impoundments, 391-2000-010, 3/99.
<input checked="" type="checkbox"/>	Technical Reference Guide (TRG) PENTOXSD for Windows, PA Single Discharge Wasteload Allocation Program for Toxics, Version 2.0, 391-2000-011, 5/2004.
<input checked="" type="checkbox"/>	Implementation Guidance for Section 93.7 Ammonia Criteria, 391-2000-013, 11/97.
<input type="checkbox"/>	Policy and Procedure for Evaluating Wastewater Discharges to Intermittent and Ephemeral Streams, Drainage Channels and Swales, and Storm Sewers, 391-2000-014, 4/2008.
<input checked="" type="checkbox"/>	Implementation Guidance Total Residual Chlorine (TRC) Regulation, 391-2000-015, 11/1994.
<input checked="" type="checkbox"/>	Implementation Guidance for Temperature Criteria, 391-2000-017, 4/09.
<input type="checkbox"/>	Implementation Guidance for Section 95.9 Phosphorus Discharges to Free Flowing Streams, 391-2000-018, 10/97.
<input type="checkbox"/>	Implementation Guidance for Application of Section 93.5(e) for Potable Water Supply Protection Total Dissolved Solids, Nitrite-Nitrate, Non-Priority Pollutant Phenolics and Fluorides, 391-2000-019, 10/97.
<input type="checkbox"/>	Field Data Collection and Evaluation Protocol for Determining Stream and Point Source Discharge Design Hardness, 391-2000-021, 3/99.
<input type="checkbox"/>	Implementation Guidance for the Determination and Use of Background/Ambient Water Quality in the Determination of Wasteload Allocations and NPDES Effluent Limitations for Toxic Substances, 391-2000-022, 3/1999.
<input checked="" type="checkbox"/>	Design Stream Flows, 391-2000-023, 9/98.
<input type="checkbox"/>	Field Data Collection and Evaluation Protocol for Deriving Daily and Hourly Discharge Coefficients of Variation (CV) and Other Discharge Characteristics, 391-2000-024, 10/98.
<input type="checkbox"/>	Evaluations of Phosphorus Discharges to Lakes, Ponds and Impoundments, 391-3200-013, 6/97.
<input checked="" type="checkbox"/>	Pennsylvania's Chesapeake Bay Tributary Strategy Implementation Plan for NPDES Permitting, 4/07.
<input type="checkbox"/>	Other: <span style="background-color: yellow;">                    </span>