



Original via Electronic Mail

January 31, 2022

Mr. Charles Maguire, Director  
Water Quality Protection Division (6WD)  
U. S. Environmental Protection Agency  
1201 Elm Street, Suite 500  
Dallas, Texas 75202  
Maguire.Charles@epa.gov

Re: **Modified State Certification of Los Alamos National Laboratory Industrial Discharges Permit, NPDES Permit No. NM0028355**

Dear Director Maguire:

Enclosed, please find the modified state certification for the following proposed National Pollutant Discharge Elimination System (NPDES) permit NM0028355, Los Alamos National Laboratory Industrial Discharges Permit. Comments and conditions are enclosed on separate sheets.

The U.S. Environmental Protection Agency (EPA) proposes to regulate discharges under the above referenced NPDES Individual permit. A state Water Quality Certification is required by the federal Clean Water Act (CWA) Section 401 to ensure that the action is consistent with state law (New Mexico Water Quality Act, New Mexico Statutes Annotated (NMSA) 1978, §§ 74-6-1 to -17) and complies with State of New Mexico Water Quality Standards and the Water Quality Management Plan and Continuing Planning Process, including Total Maximum Daily Loads (TMDLs), and the Antidegradation Policy.

Pursuant to State regulations for permit certification [Section 20.6.2.2001 New Mexico Administrative Code (NMAC)], EPA jointly with the New Mexico Environment Department (NMED) issued a public notice of the draft permit and announced a public comment period posted on the previous NMED web site at <https://www.env.nm.gov/surface-water-quality/public-notices/> on November 17, 2019. The NMED public comment period ended on November 2, 2020. NMED received comments from the Buckman Direct Diversion Board, which were considered in this certification. NMED issued its original 401 Certification on November 30, 2020. Thirty days later, on December 30, 2020, the U.S. Department of Energy National Nuclear Security Administration and Triad National Security, LLC (collectively "DOE/Triad") submitted a petition for review of Conditions 1 and 2 of the original State Certification to the Secretary of the Environment Department. NMED issues this modified certification as a result of the petition for review and resulting Settlement Agreement between NMED and DOE/Triad.

Sincerely,

Shelly Lemon, Bureau Chief  
Surface Water Quality Bureau

cc: (w/ enclosures)

Evelyn Rosborough, USEPA (6WDPN), via email [Rosborough.Evelyn@epa.gov](mailto:Rosborough.Evelyn@epa.gov)  
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Rebecca Roose, Deputy Secretary, NMED, via e-mail [Rebecca.Roose@state.nm.us](mailto:Rebecca.Roose@state.nm.us)

Dr. Earthea Nance, Regional Administrator  
U.S. Environmental Protection Agency  
1201 Elm Street, Suite 500  
Dallas, TX 75202

January 31, 2022

## STATE CERTIFICATION

**RE: Los Alamos National Laboratory Industrial Discharges Permit, NPDES Permit No. NM0028355**

Dear Regional Administrator Nance:

The Cabinet Secretary of the New Mexico Environment Department (NMED) delegated signatory authority for state certifications of federal Clean Water Act permits to the Surface Water Quality Bureau Chief. NMED examined the proposed National Pollutant Discharge Elimination System (NPDES) permit referenced above. The following conditions are necessary to assure compliance with the applicable provisions of the Clean Water Act Sections 208(e), 301, 302, 303, 306, and 307, and with appropriate requirements of State law. Compliance with the terms and conditions of the permit and this certification will provide reasonable assurance that the permitted activities will be conducted in a manner that will not violate applicable State water quality standards and water quality management plan and will comply with the State's antidegradation policy.

The State of New Mexico

- certifies that the discharge will comply with the applicable provisions of Sections 208(e), 301, 302, 303, 306 and 307 of the Clean Water Act and with appropriate requirements of State law.
- certifies that the discharge will comply with the applicable provisions of Sections 208(e), 301, 302, 303, 306 and 307 of the Clean Water Act and with appropriate requirements of State law upon inclusion of the following conditions in the permit (see attachment).
- denies certification for the reasons stated in the attachment.
- waives its right to certify.

In order to meet the requirements of State law, including water quality standards and appropriate basin plan as may be amended by the water quality management plan, each of the conditions cited in the draft permit and the State certification shall not be made less stringent unless changes are in response to formal comments received by EPA, the changes are discussed with NMED, and NMED concurs with the changes prior to the finalization of the proposed permit.

The Department reserves the right to amend or revoke this certification if such action is necessary to ensure compliance with the State's water quality standards and water quality management plan.

Please contact Susan A. Lucas Kamat at (505) 946-8924 if you have any questions concerning this certification.

Sincerely,

Shelly Lemon, Bureau Chief  
Surface Water Quality Bureau

**State of New Mexico Modified Clean Water Act Section 401 State Certification  
Los Alamos National Laboratory Industrial Discharges Permit  
NPDES Permit No. NM0028355  
January 31, 2022**

The following conditions ensure that discharges allowed under the National Pollutant Discharge Elimination System (NPDES) permit will comply with State of New Mexico water quality standards (WQS) adopted in accordance with Section 303 of the Clean Water Act (CWA) and the New Mexico Water Quality Act, New Mexico Statutes Annotated (NMSA) 1978, §§ 74-6-1 to -17. State of New Mexico (State) WQS are codified in Title 20, Chapter 6, Part 4 of the New Mexico Administrative Code (20.6.4 NMAC), *Standards for Interstate and Intrastate Surface Waters*, as amended by the New Mexico Water Quality Control Commission (WQCC) on May 22, 2020 and approved by the U.S. Environmental Protection Agency (EPA or USEPA) on July 24, 2020. Additional state WQS are published in Title 20, Chapter 6, Part 2 of the New Mexico Administrative Code (20.6.2 NMAC), *Ground and Surface Water Protection*, as amended by the WQCC on December 21, 2018.

NPDES regulations at 40 Code of Federal Regulations (C.F.R.) 122.44(d)(l)(i) require that permit "...limitations must control all pollutants or pollutant parameters... which the Director determines are or may be discharged at a level which will cause, have the reasonable potential to cause, or contribute to an excursion above any State water quality standard including State narrative criteria for water quality..."

40 C.F.R. 124.53(e)(1) states that, "State certification shall be in writing and shall include: (1) Conditions which are necessary to assure compliance with the applicable provisions of CWA Sections 208(e), 301, 302, 303, 306 and 307 and with appropriate requirements of State law..."

This modified certification does not include any changes to the background and regulatory support for the following conditions.

These conditions include the following modifications to the State's CWA Section 401 Certification of Los Alamos National Laboratory's (LANL) Industrial Discharge Permit, NPDES Permit No. NM0028355 dated November 30, 2020:

<b>Original Certification</b>	<b>Topic</b>	<b>Modified Certification</b>
Condition #1	Related to PFAS Monitoring	Deleted
Condition #2	Related to PCBs	Condition #1
Condition #3	Other limitations	Condition #2
Comments	Various	Added Comment #3

Included below are the following two attachments, which assist in organizing the information related to Condition #1 below:

- Attachment 1: PCB Monitoring Data for NPDES NM0028355 Permitted Outfall 051
- Attachment 2: Page 14 of Form 2Cs from the 2019 NPDES Permit Re-Application

**Condition #1 – related to PCBs:**

- (a) The U.S. Department of Energy National Nuclear Security Administration and Triad National Security, LLC (collectively “DOE/Triad”) have discharge monitoring data (using EPA Method 1668) for Outfall 051 from sampling performed in June 2019 and March 2020 (see Attachment 1). Analytical data is not available for the other outfalls; however, the 2019 Permit Re-Application Form 2Cs for these outfalls indicated that PCBs were “Believed Absent” based upon the composition of the water discharged (see Attachment 2). Table 1 below provides the basis for reasonable potential at each outfall.
- (b) Where reasonable potential exists (“Yes”), DOE/Triad shall monitor for Total PCBs in effluent from Outfalls 001, 13S, and 03A027 once per year (see Table 1).
- (c) The ten (10) outfalls identified in Table 1 discharge to PCB-impaired surface waters; however, water quality data are only available for a sub-set of the outfalls. Therefore, where reasonable potential may exist (“Unknown”), DOE/Triad shall confirm that PCBs are absent from the discharges by sampling for Total PCBs in effluent from Outfalls 03A048, 03A113, 03A160, 03A181, 03A199, and 03A022 once during the first year of coverage, or when the facility next discharges if no discharge occurs during the first year (see Table 1).
- (d) Samples shall be analyzed by an accredited lab for Total PCBs in accordance with EPA Method 1668C or later revisions. Method and analysis shall be sufficiently sensitive to evaluate the data against the New Mexico water quality standard (Total PCB < 0.00064 ug/L).
- (e) If data from the confirmation sampling indicate that reasonable potential exists (RP = “Yes”) at one or more of the outfalls identified in Table 1, then DOE/Triad shall monitor for Total PCBs once per year at the outfall(s) for the remainder of the permit term. If data indicate “No” RP, then no additional monitoring is required.

Table 1. Summary of Reasonable Potential (RP) Information for PCBs at NPDES Outfalls						
Outfall ID	Long-Term Average (ug/L) <sup>a</sup>	RP Y/N	Basis of RP Determination	Total PCB Maximum Discharge Limitation (ug/L) <sup>b</sup>	Monitoring Requirements	Monitoring Frequency
001	0.002654	Yes	<ul style="list-style-type: none"> <li>DMR Monitoring Data using EPA 1668</li> <li>“Believed Present”</li> </ul>	0.00064	24-hour composite	1/Year
13S	ND	Yes	<ul style="list-style-type: none"> <li>“Believed Present”</li> </ul>	0.00064	24-hour composite	1/Year
03A027	0.001335	Yes	<ul style="list-style-type: none"> <li>DMR Monitoring Data using EPA 1668</li> <li>“Believed Present”</li> </ul>	0.00064	Grab sample	1/Year
051	0.000000	No	<ul style="list-style-type: none"> <li>DMR Monitoring Data using EPA 1668</li> <li>“Believed Absent”</li> </ul>	N/A	None – data indicate no RP	N/A
03A048	ND	UNK	<ul style="list-style-type: none"> <li>No data</li> <li>Composition of the discharge is potable water and water treatment chemicals that <i>do not</i> contain PCBs</li> <li>“Believed Absent”</li> <li>Impaired</li> </ul>	0.00064	“Believed Absent” confirmation sample required for impairment.	1/permit term <sup>c</sup>
03A113	ND	UNK		0.00064	“Believed Absent” confirmation sample required for impairment.	1/permit term <sup>c</sup>
03A160	ND	UNK		0.00064	“Believed Absent” confirmation sample required for impairment.	1/permit term <sup>c</sup>
03A181	ND	UNK		0.00064	“Believed Absent” confirmation sample required for impairment.	1/permit term <sup>c</sup>

Table 1. Summary of Reasonable Potential (RP) Information for PCBs at NPDES Outfalls						
Outfall ID	Long-Term Average (ug/L) <sup>a</sup>	RP Y/N	Basis of RP Determination	Total PCB Maximum Discharge Limitation (ug/L) <sup>b</sup>	Monitoring Requirements	Monitoring Frequency
03A199	ND	UNK		0.00064	"Believed Absent" confirmation sample required for impairment.	1/permit term <sup>c</sup>
03A022	ND	UNK	<ul style="list-style-type: none"> <li>No data</li> <li>Composition of the discharge is potable water and water treatment chemicals that <i>do not</i> contain PCBs, and stormwater from a roof</li> <li>"Believed Absent"</li> <li>Impaired</li> </ul>	0.00064	"Believed Absent" confirmation sample required for impairment.	1/permit term <sup>c</sup>

a. Long-Term Average based upon monitoring data collected at the outfall during the current permit term and analyzed using EPA Method 1668.  
 b. NMWQS = 0.00064 ug/L  
 c. If data indicate that reasonable potential exists, then TRIAD/DOE shall monitor for Total PCBs once per year for the remainder of the permit term. If data indicate no RP, then no additional monitoring is required.  
 NMWQS = New Mexico Water Quality Standard; ND = no data; UNK = Unknown; RP = Reasonable Potential

**Condition #2: Other Limitations**

Based on NMED’s review of the Reasonable Potential (RP) spreadsheets public noticed with the draft permit and data submitted to EPA by the Permittees, it appears that limitations for Thallium are necessary at several outfalls. Monitoring requirements shall exist in the final permit at outfalls where there is an impairment in the receiving waterbody, regardless of whether RP exists.

Outfall	Required Limits/Monitoring based on Reasonable Potential (RP)	Monitoring Frequency
001	Add limit for thallium; monitoring for temperature – compliance schedule ok.	1/year
13S	Add limit for thallium; monitoring for gross alpha.	1/year
03A027	No additional limits or monitoring.	N/A
03A048	Add monitoring for impairments: gross alpha; cyanide; total mercury; total selenium (PCB monitoring under Condition #1)	1/year
03A113	No additional limits or monitoring.	N/A
03A160	No additional limits or monitoring.	N/A
03A181	RP must be determined for copper. Add limits and/or monitoring requirements based on RP determination.	1/year if RP determined
03A199	Add limit for thallium.	1/year
03A022	Retain monitoring requirements for copper.	1/year
05A055	No additional limits or monitoring.	N/A
051	Add limit for thallium.	1/year

**Comments that are not Conditions of Certification:**

**Comment 1:**

There appears to be a typo in Footnote 5 for Outfall 001. Propose revision to delete last sentence "6T3 Temperature of 20°C (68°F) shall not be exceeded for six or more consecutive hours in a 24-hour period on more than three consecutive days. ~~Daily maximum temperature shall be determined by 6T3 temperature record when 6T3 temperature.~~"



**Comment 2:**

Please ensure that all of the notices of change submitted by LANL since the 2019 NPDES Permit Re-Application (submitted on March 26, 2019) are incorporated:

- Revision 3 to Outfall 03A048 fact sheet to add a Chlorine monitoring system, submitted July 14, 2020 (EPC-DO: 20-222)
- Revision 3 to the Outfall 001 Flow Diagram which addresses improvements made to reduce the temperature of effluent discharged to the outfall as follows:
  - Piping modification to allow for effluent stored in the Reuse Tank to be routed (as needed) to the power plant cooling tower prior to discharge.
  - Piping modification to allow for blowdown associated with the Strategic Computing Complex (SCC) Cooling Towers to be routed to the Reuse Tank where (as needed) it can either be recycled to SERF or routed to the power plant cooling tower prior to discharge.

This change will not increase the volume or impact the effluent quality (i.e., no new chemicals) other than to reduce the temperature. This change was submitted as a notice of change on July 16, 2020 (EPC-DO: 20-221).

- Renovation of the power plant. This change was submitted as a notice of change on November 26, 2019 (EPC-DO: 19-430). This will increase the volumes at Outfall 001 as indicated below, and were incorporated into the antidegradation calculations.

Potential Future Source	Frequency		Flow Rates and Volumes				Duration (days)
	Days/Week	Months	Average (MGD)	Maximum (MGD)	Average Volume (GPD)	Maximum Volume (GPD)	
SCC Cooling Towers <sup>a, b</sup>	7.0	12	0.074	0.201	74,436	201,056	365
<u>Power Plant Co-Generation Renovation</u>	<u>7.0</u>	<u>12</u>	<u>0.170</u>	<u>0.220</u>	<u>169,920</u>	<u>220,320</u>	<u>365</u>
<u>TA-55-006 Cooling Towers<sup>9</sup></u>	<u>7.0</u>	<u>12</u>	<u>0.009</u>	<u>0.032</u>	<u>9,365</u>	<u>31,986</u>	<u>365</u>
Future Outfall 001 <u>Total</u> <sup>c</sup>	7.0	12	<u>0.311</u>	<u>0.751</u>	<u>310,595</u>	<u>752,463</u>	365

a. See the permit section provided for Outfall 03A027 for a schematic showing this change.

b. Cooling tower blowdown calculated for the operation of 15 towers.

b-c. Total volume estimate for four source facilities: SWWS Effluent; SERF Effluent; SCC Cooling Towers; and Power Plant Co-Generation Renovation. All four facilities are hydraulically connected and eventually discharge water to Outfall 001 regardless of flow path.

- Startup of 5 additional Cooling Towers at the SCC. This modification was included as a future change in the 2019 NPDES Permit Application submitted March 26, 2019 (see EPC-DO: 19-106).

**Comment 3:**

NMED suggests that the downstream user Pueblo of San Ildefonso be included in the reporting requirements as found in Part I.C Reporting of Monitoring Results (Major Discharger), Part II.B 24-hour Oral Reporting, and for any noncompliance which may endanger public health or the environment. The contact information for Pueblo of San Ildefonso is:

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 Director of Environment and Cultural Preservation  
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 505-455-4127

## **ATTACHMENT 1**

### **PCB Monitoring Data for NPDES NM0028355 Permitted Outfall 051**



**Outfall 051: Discharge Monitoring Data for PCBs using EPA 1668 (Congener Method)**

Field Sample ID	Location ID	Sample Date	Parameter Name	Report Result	Report Units	Lab Qualifier	Detected	Sample Matrix	Sample Purpose	Filtered	COC #	Lab Method	Report Detection Limit
NP051-20-195070	NPDES Outfall 051051	03/10/2020	Total PCB	0	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	
NP051-20-195070	NPDES Outfall 051051	03/10/2020	Total triCB	0	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	
NP051-20-195070	NPDES Outfall 051051	03/10/2020	Total tetraCB	0	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	
NP051-20-195070	NPDES Outfall 051051	03/10/2020	Total pentaCB	0	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	
NP051-20-195070	NPDES Outfall 051051	03/10/2020	Total octaCB	0	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	
NP051-20-195070	NPDES Outfall 051051	03/10/2020	Total nonaCB	0	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	
NP051-20-195070	NPDES Outfall 051051	03/10/2020	Total monoCB	0	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	
NP051-20-195070	NPDES Outfall 051051	03/10/2020	Total hexaCB	0	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	
NP051-20-195070	NPDES Outfall 051051	03/10/2020	Total heptaCB	0	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	
NP051-20-195070	NPDES Outfall 051051	03/10/2020	Total diCB	0	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	
NP051-20-195070	NPDES Outfall 051051	03/10/2020	Total decaCB	0	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-99	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-98/PCB-102	0.000209	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000209
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-96	0.000157	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000157
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-95	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-94	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-93/PCB-100	0.000209	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000209
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-92	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-90/PCB-101/PCB-113	0.000314	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000314
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-9	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-89	0.000157	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000157
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-88/PCB-91	0.000209	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000209
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-86/87/97/109/119/125	0.000628	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000628
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-85/PCB-116/PCB-117	0.000314	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000314
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-84	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-83	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-82	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-81	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-80	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-8	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-79	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-78	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-77	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-73	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-72	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-7	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-68	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-67	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-66	0.000209	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000209
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-64	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-63	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-61/PCB-70/PCB-74/PCB-76	0.000419	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000419
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-60	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-6	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-59/PCB-62/PCB-75	0.000314	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000314

**Outfall 051: Discharge Monitoring Data for PCBs using EPA 1668 (Congener Method)**

Field Sample ID	Location ID	Sample Date	Parameter Name	Report Result	Report Units	Lab Qualifier	Detected	Sample Matrix	Sample Purpose	Filtered	COC #	Lab Method	Report Detection Limit
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-58	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-57	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-56	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-55	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-54	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-52	0.000209	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000209
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-50/PCB-53	0.000209	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000209
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-5	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-49/PCB-69	0.000209	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000209
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-48	0.000157	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000157
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-46	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-45/PCB-51	0.000209	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000209
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-44/PCB-47/PCB-65	0.000314	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000314
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-43	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-42	0.000157	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000157
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-41	0.000157	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000157
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-40/PCB-71	0.000209	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000209
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-4	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-39	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-38	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-37	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-36	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-35	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-34	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-32	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-31	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-3	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-27	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-26/PCB-29	0.000209	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000209
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-25	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-24	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-23	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-22	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-21/PCB-33	0.000209	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000209
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-209	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-208	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-207	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-206	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-205	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-204	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-203	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-202	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-201	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-20/PCB-28	0.000209	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000209
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-2	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105

**Outfall 051: Discharge Monitoring Data for PCBs using EPA 1668 (Congener Method)**

Field Sample ID	Location ID	Sample Date	Parameter Name	Report Result	Report Units	Lab Qualifier	Detected	Sample Matrix	Sample Purpose	Filtered	COC #	Lab Method	Report Detection Limit
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-198/PCB-199	0.000209	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000209
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-197/PCB-200	0.000209	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000209
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-196	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-195	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-194	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-192	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-191	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-190	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-19	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-189	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-188	0.000157	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000157
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-187	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-186	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-184	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-183/PCB-185	0.000209	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000209
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-182	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-181	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-180/PCB-193	0.000209	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000209
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-18/PCB-30	0.000209	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000209
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-179	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-178	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-177	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-176	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-175	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-174	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-172	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-171/PCB-173	0.000209	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000209
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-170	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-17	0.000157	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000157
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-169	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-167	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-165	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-164	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-162	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-161	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-160	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-16	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-159	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-158	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-156/PCB-157	0.000209	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000209
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-155	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-154	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-153/PCB-168	0.000209	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000209
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-152	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-150	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105

**Outfall 051: Discharge Monitoring Data for PCBs using EPA 1668 (Congener Method)**

Field Sample ID	Location ID	Sample Date	Parameter Name	Report Result	Report Units	Lab Qualifier	Detected	Sample Matrix	Sample Purpose	Filtered	COC #	Lab Method	Report Detection Limit
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-15	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-148	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-147/PCB-149	0.000209	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000209
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-146	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-145	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-144	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-143	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-142	0.000157	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000157
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-141	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-14	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-139/PCB-140	0.000209	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000209
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-137	0.000157	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000157
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-136	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-135/PCB-151	0.000209	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000209
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-134	0.000157	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000157
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-133	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-132	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-131	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-130	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-129/PCB-138/PCB-163	0.000314	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000314
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-128/PCB-166	0.000209	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000209
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-127	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-126	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-123	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-122	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-121	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-120	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-12/PCB-13	0.000209	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000209
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-118	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-114	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-112	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-111	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-110/PCB-115	0.000209	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000209
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-11	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-108/PCB-124	0.000209	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000209
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-107	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-106	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-105	0.000157	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000157
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-104	0.000209	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000209
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-103	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-10	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-20-195070	NPDES Outfall 051051	03/10/2020	PCB-1	0.000105	ug/L	U	N	W	REG	N	2020-578	EPA:1668C	0.000105
NP051-19-181618	NPDES Outfall 051051	06/18/2019	Total PCB	0	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	
NP051-19-181618	NPDES Outfall 051051	06/18/2019	Total triCB	0	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	
NP051-19-181618	NPDES Outfall 051051	06/18/2019	Total tetraCB	0	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	



**Outfall 051: Discharge Monitoring Data for PCBs using EPA 1668 (Congener Method)**

Field Sample ID	Location ID	Sample Date	Parameter Name	Report Result	Report Units	Lab Qualifier	Detected	Sample Matrix	Sample Purpose	Filtered	COC #	Lab Method	Report Detection Limit
NP051-19-181618	NPDES Outfall 051051	06/18/2019	Total pentaCB	0	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	
NP051-19-181618	NPDES Outfall 051051	06/18/2019	Total octaCB	0	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	
NP051-19-181618	NPDES Outfall 051051	06/18/2019	Total nonaCB	0	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	
NP051-19-181618	NPDES Outfall 051051	06/18/2019	Total monoCB	0	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	
NP051-19-181618	NPDES Outfall 051051	06/18/2019	Total hexaCB	0	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	
NP051-19-181618	NPDES Outfall 051051	06/18/2019	Total heptaCB	0	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	
NP051-19-181618	NPDES Outfall 051051	06/18/2019	Total diCB	0	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	
NP051-19-181618	NPDES Outfall 051051	06/18/2019	Total decaCB	0	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-99	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-98/PCB-102	0.000207	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.00021
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-96	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-95	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-94	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-93/PCB-100	0.000207	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.00021
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-92	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-90/PCB-101/PCB-113	0.00031	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.00031
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-9	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-89	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-88/PCB-91	0.000207	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.00021
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-86/87/97/109/119/125	0.00062	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.00062
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-85/PCB-116/PCB-117	0.00031	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.00031
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-84	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-83	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-82	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-81	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-80	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-8	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-79	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-78	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-77	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-73	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-72	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-7	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-68	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-67	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-66	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-64	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-63	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-61/PCB-70/PCB-74/PCB-76	0.000413	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.00041
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-60	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-6	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-59/PCB-62/PCB-75	0.00031	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.00031
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-58	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-57	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-56	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001

**Outfall 051: Discharge Monitoring Data for PCBs using EPA 1668 (Congener Method)**

Field Sample ID	Location ID	Sample Date	Parameter Name	Report Result	Report Units	Lab Qualifier	Detected	Sample Matrix	Sample Purpose	Filtered	COC #	Lab Method	Report Detection Limit
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-55	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-54	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-52	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-50/PCB-53	0.000207	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.00021
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-5	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-49/PCB-69	0.000207	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.00021
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-48	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-46	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-45/PCB-51	0.000207	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.00021
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-44/PCB-47/PCB-65	0.00031	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.00031
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-43	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-42	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-41	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-40/PCB-71	0.000207	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.00021
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-4	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-39	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-38	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-37	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-36	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-35	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-34	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-32	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-31	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-3	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-27	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-26/PCB-29	0.000207	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.00021
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-25	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-24	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-23	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-22	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-21/PCB-33	0.000207	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.00021
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-209	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-208	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-207	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-206	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-205	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-204	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-203	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-202	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-201	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-20/PCB-28	0.000207	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.00021
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-2	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-198/PCB-199	0.000207	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.00021
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-197/PCB-200	0.000207	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.00021
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-196	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001

**Outfall 051: Discharge Monitoring Data for PCBs using EPA 1668 (Congener Method)**

Field Sample ID	Location ID	Sample Date	Parameter Name	Report Result	Report Units	Lab Qualifier	Detected	Sample Matrix	Sample Purpose	Filtered	COC #	Lab Method	Report Detection Limit
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-195	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-194	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-192	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-191	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-190	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-19	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-189	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-188	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-187	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-186	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-184	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-183/PCB-185	0.000207	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.00021
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-182	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-181	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-180/PCB-193	0.000207	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.00021
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-18/PCB-30	0.000207	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.00021
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-179	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-178	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-177	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-176	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-175	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-174	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-172	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-171/PCB-173	0.000207	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.00021
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-170	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-17	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-169	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-167	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-165	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-164	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-162	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-161	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-160	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-16	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-159	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-158	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-156/PCB-157	0.000207	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.00021
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-155	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-154	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-153/PCB-168	0.000207	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.00021
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-152	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-150	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-15	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-148	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-147/PCB-149	0.000207	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.00021



**Outfall 051: Discharge Monitoring Data for PCBs using EPA 1668 (Congener Method)**

Field Sample ID	Location ID	Sample Date	Parameter Name	Report Result	Report Units	Lab Qualifier	Detected	Sample Matrix	Sample Purpose	Filtered	COC #	Lab Method	Report Detection Limit
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-146	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-145	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-144	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-143	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-142	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-141	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-14	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-139/PCB-140	0.000207	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.00021
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-137	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-136	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-135/PCB-151	0.000207	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.00021
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-134	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-133	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-132	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-131	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-130	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-129/PCB-138/PCB-163	0.00031	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.00031
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-128/PCB-166	0.000207	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.00021
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-127	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-126	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-123	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-122	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-121	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-120	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-12/PCB-13	0.000207	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.00021
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-118	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-114	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-112	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-111	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-110/PCB-115	0.000207	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.00021
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-11	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-108/PCB-124	0.000207	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.00021
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-107	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-106	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-105	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-104	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-103	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-10	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001
NP051-19-181618	NPDES Outfall 051051	06/18/2019	PCB-1	0.000103	ug/L	U	N	W	REG	N	2019-2225	EPA:1668C	0.0001

**ATTACHMENT 2**

**Page 14 of Form 2Cs from the 2019 NPDES Permit Re-Application**

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
NM0890010515	001

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1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – PESTICIDES (continued)															
17P. Heptachlor Epoxide (1024-57-3)			X	<0.07	<2E-04	(F)				1	ug/L	lbs	NA	NA	NA
18P. PCB-1242 (53469-21-9)		X		<0.0422	<1E-04	(F, J, O)				1	ug/L	lbs	NA	NA	NA
19P. PCB-1254 (11097-69-1)		X		<0.0422	<1E-04	(F, J, O)				1	ug/L	lbs	NA	NA	NA
20P. PCB-1221 (11104-28-2)		X		<0.0422	<1E-04	(F, J, O)				1	ug/L	lbs	NA	NA	NA
21P. PCB-1232 (11141-16-5)		X		<0.0422	<1E-04	(F, J, O)				1	ug/L	lbs	NA	NA	NA
22P. PCB-1248 (12672-29-6)		X		<0.0422	<1E-04	(F, J, O)				1	ug/L	lbs	NA	NA	NA
23P. PCB-1260 (11096-82-5)		X		<0.0422	<1E-04	(F, J, O)				1	ug/L	lbs	NA	NA	NA
24P. PCB-1016 (12674-11-2)		X		<0.0422	<1E-04	(F, J, O)				1	ug/L	lbs	NA	NA	NA
25P. Toxaphene (8001-35-2)			X	<1.58	<4E-03	(G)				1	ug/L	lbs	NA	NA	NA

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EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
NM0890010515	13S

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1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – PESTICIDES (continued)															
17P. Heptachlor Epoxide (1024-57-3)			X	<0.007	<2e-05	(G)				1	ug/L	lbs	NA	NA	NA
18P. PCB-1242 (53469-21-9)		X		<0.0333	<1e-04	(G, K, P)				1	ug/L	lbs	NA	NA	NA
19P. PCB-1254 (11097-69-1)		X		<0.0333	<1e-04	(G, K, P)				1	ug/L	lbs	NA	NA	NA
20P. PCB-1221 (11104-28-2)		X		<0.0333	<1e-04	(G, K, P)				1	ug/L	lbs	NA	NA	NA
21P. PCB-1232 (11141-16-5)		X		<0.0333	<1e-04	(G, K, P)				1	ug/L	lbs	NA	NA	NA
22P. PCB-1248 (12672-29-6)		X		<0.0333	<1e-04	(G, K, P)				1	ug/L	lbs	NA	NA	NA
23P. PCB-1260 (11096-82-5)		X		<0.0333	<1e-04	(G, K, P)				1	ug/L	lbs	NA	NA	NA
24P. PCB-1016 (12674-11-2)		X		<0.0333	<1e-04	(G, K, P)				1	ug/L	lbs	NA	NA	NA
25P. Toxaphene (8001-35-2)			X	<0.16	<6e-04	(G)				1	ug/L	lbs	NA	NA	NA

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EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
NM0890010515	03A027

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1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – PESTICIDES (continued)															
17P. Heptachlor Epoxide (1024-57-3)			X	<0.00739	<6e-6	(G)				1	ug/L	lbs	NA	NA	NA
18P. PCB-1242 (53469-21-9)		X		<0.0362	<3e-5	(G, K, P)				1	ug/L	lbs	NA	NA	NA
19P. PCB-1254 (11097-69-1)		X		<0.0362	<3e-5	(G, K, P)				1	ug/L	lbs	NA	NA	NA
20P. PCB-1221 (11104-28-2)		X		<0.0362	<3e-5	(G, K, P)				1	ug/L	lbs	NA	NA	NA
21P. PCB-1232 (11141-16-5)		X		<0.0362	<3e-5	(G, K, P)				1	ug/L	lbs	NA	NA	NA
22P. PCB-1248 (12672-29-6)		X		<0.0362	<3e-5	(G, K, P)				1	ug/L	lbs	NA	NA	NA
23P. PCB-1260 (11096-82-5)		X		<0.0362	<3e-5	(G, K, P)				1	ug/L	lbs	NA	NA	NA
24P. PCB-1016 (12674-11-2)		X		<0.0362	<3e-5	(G, K, P)				1	ug/L	lbs	NA	NA	NA
25P. Toxaphene (8001-35-2)			X	<0.167	<1e-4	(G)				1	ug/L	lbs	NA	NA	NA

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EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
NM0890010515	051

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1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – PESTICIDES (continued)															
17P. Heptachlor Epoxide (1024-57-3)			X	<0.00739	<2e-06	(G)				1	ug/L	lbs	NA	NA	NA
18P. PCB-1242 (53469-21-9)			X	<0.0351	<1e-05	(G)				1	ug/L	lbs	NA	NA	NA
19P. PCB-1254 (11097-69-1)			X	<0.0351	<1e-05	(G)				1	ug/L	lbs	NA	NA	NA
20P. PCB-1221 (11104-28-2)			X	<0.0351	<1e-05	(G)				1	ug/L	lbs	NA	NA	NA
21P. PCB-1232 (11141-16-5)			X	<0.0351	<1e-05	(G)				1	ug/L	lbs	NA	NA	NA
22P. PCB-1248 (12672-29-6)			X	<0.0351	<1e-05	(G)				1	ug/L	lbs	NA	NA	NA
23P. PCB-1260 (11096-82-5)			X	<0.0351	<1e-05	(G)				1	ug/L	lbs	NA	NA	NA
24P. PCB-1016 (12674-11-2)			X	<0.0351	<1e-05	(G)				1	ug/L	lbs	NA	NA	NA
25P. Toxaphene (8001-35-2)			X	<0.1670	<6e-05	(G)				1	ug/L	lbs	NA	NA	NA

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EPA I.D. NUMBER <i>(copy from Item 1 of Form 1)</i>	OUTFALL NUMBER
NM0890010515	03A199

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1. POLLUTANT AND CAS NUMBER <i>(if available)</i>	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE <i>(optional)</i>			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE <i>(if available)</i>		c. LONG TERM AVRG. VALUE <i>(if available)</i>		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – PESTICIDES <i>(continued)</i>															
17P. Heptachlor Epoxide (1024-57-3)			X	<0.007	<4e-06	(G)				1	ug/L	lbs	NA	NA	NA
18P. PCB-1242 (53469-21-9)			X	<0.0354	<2e-05	(G)				1	ug/L	lbs	NA	NA	NA
19P. PCB-1254 (11097-69-1)			X	<0.0354	<2e-05	(G)				1	ug/L	lbs	NA	NA	NA
20P. PCB-1221 (11104-28-2)			X	<0.0354	<2e-05	(G)				1	ug/L	lbs	NA	NA	NA
21P. PCB-1232 (11141-16-5)			X	<0.0354	<2e-05	(G)				1	ug/L	lbs	NA	NA	NA
22P. PCB-1248 (12672-29-6)			X	<0.0354	<2e-05	(G)				1	ug/L	lbs	NA	NA	NA
23P. PCB-1260 (11096-82-5)			X	<0.0354	<2e-05	(G)				1	ug/L	lbs	NA	NA	NA
24P. PCB-1016 (12674-11-2)			X	<0.0354	<2e-05	(G)				1	ug/L	lbs	NA	NA	NA
25P. Toxaphene (8001-35-2)			X	<0.158	<1e-04	(G)				1	ug/L	lbs	NA	NA	NA

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