

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER**CHEMICAL ADDITIVES NOTIFICATION FORM**

Use this form to notify the DEP regional office that issued the NPDES permit of the new or increased use of chemical additives that were not reported in the NPDES permit application and are on DEP's Approved List (see [www.dep.pa.gov/chemicaladditives](http://www.dep.pa.gov/chemicaladditives)). Use one form per chemical additive and discharge point.

<b>Permittee Name:</b>	<u>Constellation Energy Generation LLC</u>	<b>Facility Name:</b>	<u>CCEC</u>
<b>Permit No.:</b>	<u>PA0009920</u>	<b>Municipality:</b>	<u>Londonderry Twp</u>
<b>Permit Effective Date:</b>	<u>Nov 1, 2007</u>	<b>County:</b>	<u>Dauphin County</u>
<b>Permit Expiration Date:</b>	<u>Administratively extended</u>		

<b>Trade Name of Chemical Additive:</b>	<u>Klaraid IC1172</u>		
<b>Manufacturer Name:</b>	<u>Veolia</u>		
<b>Intended Use(s):</b>	<u>Reverse Osmosis, deionized water, ultrafiltration treatment systems</u>		
<b>Location(s) of Use:</b>	<u>Reverse Osmosis, deionized water, ultrafiltration</u>		
<b>Frequency of Use:</b>	<u>as-needed</u>		
<b>Method of Introduction:</b>	<u>Manual</u>		
<b>Treatment Following Introduction:</b>	<u>N/A</u>		
<b>Discharge Point (Outfall No.):</b>	<u>001</u>		
<b>Design Flow of Discharge (MGD):</b>	<u>25.3</u>		
<b>Receiving Water Body Name:</b>	<u>Susquehanna River</u>		
<b>Q<sub>7-10</sub> Flow of Stream (cfs):</b>	<u>2,640 (USGS StreamStats- <a href="https://streamstats.usgs.gov/ss/">https://streamstats.usgs.gov/ss/</a> , Workspace ID PA20241107193706422000 )</u>		
<b>Calculated WQBEL (mg/L):</b>	<u>34.7</u>		
<b>Maximum Usage Rate:</b>	<u>17,570</u>	<b>Units:</b>	<u>gallons per day</u>

**Will Other Chemical Additives Be Introduced at the Same Time?** ☒ YES ☐ NO If YES, Number: Varies; as-needed

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Name/Title Principal Executive Officer

Phone: 734-934-7279Signature of Principal Executive  
Officer or Authorized AgentClint R. Six / Vice PresidentDate: 18 Aug 2025

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Permit Expiration Date:	<u>Administratively extended</u>		

Trade Name of Chemical Additive:	<u>Sodium Hydroxide</u>		
Manufacturer Name:	<u>Univar</u>		
Intended Use(s):	<u>pH Control - various</u>		
Location(s) of Use:	<u>Pre-treatment</u>		
Frequency of Use:	<u>As-needed</u>		
Method of Introduction:	<u>Pumped</u>		
Treatment Following Introduction:	<u>N/A</u>		
Discharge Point (Outfall No.):	<u>001</u>		
Design Flow of Discharge (MGD):	<u>25.3</u>		
Receiving Water Body Name:	<u>Susquehanna River</u>		
Q <sub>7-10</sub> Flow of Stream (cfs):	<u>2,640 (USGS StreamStats- <a href="https://streamstats.usgs.gov/ss/">https://streamstats.usgs.gov/ss/</a> , Workspace ID PA20241107193706422000 )</u>		
Calculated WQBEL (mg/L):	<u>3.39</u>		
Maximum Usage Rate:	<u>1,717</u>	Units:	<u>gallons per day</u>

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Trade Name of Chemical Additive:	Hypersperse MDC714		
Manufacturer Name:	Veolia		
Intended Use(s):	Antiscalant for RO membranes		
Location(s) of Use:	Reverse Osmosis Unit		
Frequency of Use:	For 24 hours at a time for 1-2 days per month		
Method of Introduction:	Pumped		
Treatment Following Introduction:	N/A		
Discharge Point (Outfall No.):	001		
Design Flow of Discharge (MGD):	25.3		
Receiving Water Body Name:	Susquehanna River		
Q <sub>7-10</sub> Flow of Stream (cfs):	2,640 (USGS StreamStats- <a href="https://streamstats.usgs.gov/ss/">https://streamstats.usgs.gov/ss/</a> , Workpace ID PA20241107193706422000 )		
Calculated WQBEL (mg/L):	3,645		
Maximum Usage Rate:	125,757	Units:	gallons per day

Will Other Chemical Additives Be Introduced at the Same Time? ☒ YES ☐ NO If YES, Number: Varies; as-needed

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