

Wastewater Treatment Plants

ENR Upgrade Status

(March 15, 2018)

Major WWTPs

Status Update:

Previous Meeting

56 facilities are in operation
8 facilities are under construction
2 facilities are under design
1 facilities are in planning
67 total

Current

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8 facilities are under construction
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Status Changes from Previous Meeting:

There is no change in status from the previous meeting. However, the following progress was noted:

- Patapsco has initiated process and equipment testing and they are currently on target to meet ENR by the end of the year.
- Leonardtown has been meeting ENR level of treatment since August. We will continue to monitor the performance and we may change its status to operation by the next meeting.
- City of Frederick requested \$8 million in additional loan and grant to address some of the issues and complete the construction. Currently, the project is scheduled to be completed in July with possible ENR optimization by the end of the year. The following are the two main issues:
 1. Unexpected subsurface conditions were encountered that required more subsurface stabilization to support the new structure.
 2. When the buried carbon steel air low pressure piping, which supplies air to the reactor, was uncovered during construction, unexpected deterioration was observed. The piping system has to be replaced.

Percentage completion for facilities under construction for ENR Upgrade:

<u>Facility</u>	<u>Percentage complete</u>
Cox Creek	98%
Freedom District	97%
Leonardtown	93%
Patapsco	93%
Conococheague	91%
City of Frederick	89%
Salisbury	89%
MCI	88%

Minor WWTPs

No.	Facility	County	Status	% Const.
1	Hancock	Washington	Planning	
2	Trout Run	Garrett	Planning	
3	Chesapeake City	Cecil	Planning	
4	Elk Neck State Park	Cecil	Planning	
5	Preston	Caroline	Design	
6	Smith Island	Somerset	Design	
7	Town of Secretary (Twin Cities)	Dorchester	Design	
8	Harbour View	Cecil	Design	
9	Oxford WWTP	Talbot	Construction	19%
10	Betterton	Kent	Construction	48%
11	Galena	Kent	Construction	99%
12	Sudlersville	Queen Anne's	Construction	99%
13	Greensboro	Caroline	Operation	100%
14	Queenstown	Queen Anne's	Operation	100%
15	Rising Sun	Cecil	Operation	100%
	Eastern Correctional Facility	Somerset	Operation	100%
	Boonsboro	Washington	Operation	100%
	Worton	Kent	Operation	100%

Status Changes from Previous Meeting:

- Harbour View signed the funding agreement.