

RESOLUTION NO. 1934
AS AMENDED ON JUNE 14, 2010

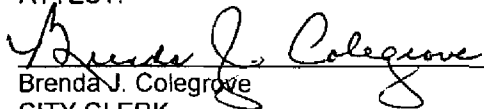
A RESOLUTION OF THE COUNCIL OF THE CITY OF SALISBURY, MARYLAND
SELECTING SUPPORTING SUBMISSION OF THE ADMINISTRATION'S
RECOMMENDATION OF THE CONVENTIONAL FOUR STAGE BARDENPHO
WASTEWATER TREATMENT PROCESS FOR SUBMISSION TO MARYLAND
DEPARTMENT OF THE ENVIRONMENT AS THE TREATMENT PROCESS FOR
THE CORRECTIVE ACTION PLAN FOR THE WASTEWATER TREATMENT
FACILITY.


- WHEREAS, ~~the~~ Council of the City of Salisbury is committed to compliance with nutrient reduction goals of the Chesapeake Bay Program; and
- WHEREAS, the existing alternative technology treatment facility is not capable of meeting these strict nutrient removal limits and requires substantial redesign and upgrade; and
- WHEREAS, the City desires the most reliable and most proven process to be presented as the treatment process for the waste water treatment plant; and
- WHEREAS, time is of the essence to design, construct, and commission a reliable and effective nutrient removal process; and
- WHEREAS, Brown and Caldwell Engineers, Inc. have conducted a preliminary assessment of the existing plant, have evaluated alternative treatment processes, and have recommended to the City the four stage Bardenpho process as the most effective and efficient alternative available; and
- WHEREAS, the City Council, Mayor, and City Staff and the City's consultant Enos Stover have reviewed and evaluated the alternatives presented by Brown and Caldwell Engineers, Inc. for nutrient removal efficiency and reliability, proven past performance, constructability and cost and have come to agreement with the recommendation of Brown and Caldwell;

NOW, THEREFORE, BE IT RESOLVED that the Mayor and Council of the City of Salisbury, Maryland select Brown and Caldwell's Alternative #2, the Conventional Four Stage Bardenpho Wastewater Treatment Process, as the desired design for the Corrective Action Plan submission to Maryland Department of the Environment.

THE ABOVE RESOLUTION was introduced and duly passed at a meeting of the Council of the City of Salisbury, Maryland held on June 14, 2010 and is to become effective immediately upon adoption.

ATTEST:


Brenda J. Colegrove
CITY CLERK


Louise Smith
PRESIDENT, City Council

APPROVED by me

this 15th day of June, 2010


James Meton, Jr.
MAYOR, City of Salisbury

City of Salisbury



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PUBLIC WORKS
TERESA GARDNER, P.E.
DIRECTOR

JAMES IRETON, JR.
MAYOR

JOHN R. PICK
CITY ADMINISTRATOR

LORÉ CHAMBERS
ASSISTANT CITY ADMINISTRATOR

MARYLAND

Date: June 14, 2010
To: Mayor and City Council
From: Teresa Gardner, PE, Director SPW *tg*
Re: Resolution Selecting WWTP Process

Please approve the attached resolution accepting the Conventional Four Stage Bardenpho Wastewater Treatment Process as the preferred selection for submission to the Maryland Department of the Environment as our preferred treatment process for the Corrective Action Plan.

In 2005 construction began on the upgrade of the Salisbury Wastewater Treatment Facility to advance treatment from secondary treatment with phosphorus removal to full Enhanced Nutrient Removal Standards. This upgrade was conducted under a consent judgment that required meeting ENR nutrient limits by December of 2008. By September of 2009 the process failed. The City entered into a revised consent judgment which required an interim program to optimize the new process to the extent possible and to present by June 30, 2010 a Corrective Action Plan that will meet ENR limits by July 1, 2013.

Brown and Caldwell Engineers, Inc was selected to evaluate the current treatment process and determine alternative upgrades to the facility that are capable of meeting the new limits. Three alternatives were presented in the Work Session on June 7, 2010. These alternatives consist of the following:

IFAS Four Stage Bardenpho
Conventional Four Stage Bardenpho
Anoxic MBBR

Based on the desire to select a process with the most proven technology, at a reasonable relative cost, Brown and Caldwell and the City Staff recommend Alternative 2, the Conventional Four Stage Bardenpho process. Concensus of the Mayor and Council is desired to move the Corrective Action Plan on schedule to the Maryland Department of the Environment. Adoption of the attached resolution will provide a strong commitment to MDE.