

**MATANUSKA-SUSITNA BOROUGH  
WASTEWATER AND SEPTAGE ADVISORY BOARD  
RESOLUTION SERIAL NO. 18-02**

A RESOLUTION OF THE MATANUSKA-SUSITNA BOROUGH WASTEWATER AND SEPTAGE ADVISORY BOARD (WSAB) RECOMMENDING THE EXPLORATION OF WASTE-TO-ENERGY ANAEROBIC DIGESTION AS A PUBLIC-PRIVATE PARTNERSHIP.

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WHEREAS, in 2011 the Borough Assembly adopted resolution 11-087 establishing the wastewater and septage advisory board, for the purpose of advising the assembly on issues relating to wastewater and septage issues within the borough; and

WHEREAS, in 2012 the Matanuska-Susitna Borough's Wastewater and Septage Advisory Board passed Resolution 12-01 in support of acquiring land for the construction of a regional wastewater and septage treatment facility which the Assembly provided funding for in August 2014 through Resolution 14-084; and

WHEREAS, in May 2012 the Matanuska-Susitna Borough Wastewater and Septage Advisory Board passed Resolution 12-02 in support of conducting a site feasibility study for a regional wastewater and septage treatment facility which the Assembly approved in July 2012 through Resolution 12-083; and

WHEREAS, in October 2014 the Matanuska-Susitna Borough Wastewater and Septage Advisory Board passed Resolution 14-04 recommending co-treatment of leachate and septage in a combined facility which the Assembly approved in December 2014 through Resolution 14-117; and

WHEREAS, in October 2014, the Wastewater and Septage Advisory Board recommended the Borough Assembly authorize a loan application to the State of Alaska, Department of Environmental Conservation, Alaska Clean Water Fund which the Assembly authorized through Resolution 14-110 in the amount of \$22,000,000 for design and construction of a septage and leachate treatment

and disposal facility; and

WHEREAS, the Matanuska-Susitna Borough will be allowed to apply for \$5,000,000 of the Alaska Clean Water Fund per year; and

WHEREAS, in October 2015, a \$5,000,000 loan application and Alaska Clean Water Fund agreement was initiated; and

WHEREAS, in August 2017, the Matanuska-Susitna Borough received the first loan of the Alaska Clean Water Fund in the amount of \$5,000,000 for preconstruction expenditures (e.g., planning, design and related tasks); and

WHEREAS, in 2017, Clark Engineering initiated and completed a Preliminary Engineering Report (PER); and

WHEREAS, the Wastewater and Septage Advisory Board reviewed the PER; and

WHEREAS, the cost to build a Leachbuster Septage Facility does not provide clear financial advantage compared to other alternatives evaluated; and

WHEREAS, the PER includes a discussion of potential waste-to-energy facilities to convert septage and organic solid waste to a biogas fuel; and

WHEREAS, the fuel could be used to create heat, electricity and other valuable commodities that generate revenue; and

WHEREAS, diversion of solid waste could extend the life of the landfill and therefore reduce tipping fees; and

WHEREAS, a public-private minimizes the costs and risks to the Matanuska-Susitna Borough.

NOW, THEREFORE, BE IT RESOLVED that the Matanuska-Susitna Borough Wastewater and Septage Advisory Board respectfully requests that the Matanuska-Susitna Borough Assembly approve the exploration of waste-to-energy anaerobic digestion as a public-private partnership.

ADOPTED by the Matanuska-Susitna Borough Wastewater and  
Septage Advisory Board this 2<sup>nd</sup> day of May, 2018.

  
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Mr. Mike Campfield, P.E., Chair

ATTEST:

  
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Debbie Passmore, Board Administration