

SANTA BARBARA COUNTY

Resource Recovery &


Waste Management Division

Innovative Environmental Solutions



Project Status

Option Pursued

- Relocation of Anaerobic Digestion Facility (ADF) outside of Coastal Zone
 - Project redesign requested with updated cost proposal
 - Proposal reviewed and currently under negotiations
 - Pursuing necessary planning & permitting adjustments
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COUNTY OWNED PROPERTY (BARON RANCH)
APN: 081-150-032

AD

CMU

COUNTY OWNED PROPERTY
APN: 081-150-019

MODIFIED WASTE DISPOSAL FACILITY
OVERLAY BOUNDARY COINCIDENTAL TO
SWFP OPERATIONAL AREA BOUNDARY

WASTE DISPOSAL FACILITY
OVERLAY BOUNDARY
COINCIDENTAL TO COASTAL
ZONE BOUNDARY

COUNTY OWNED PROPERTY
APN: 081-150-026

MRF

AD


COUNTY OWNED PROPERTY
APN: 081-150-042

PRIVATELY OWNED PROPERTY



Recommended Changes

No operational changes:

- Same amount of tonnage
 - Same number of vehicles
 - Same operating hours
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Recommended Changes

- Installation of improved landfill gas engines
 - Upgrade 20 year old engines
 - Energy produced will provide most of the facility's energy needs
 - Located adjacent to MRF
 - Excess heat from engines to be used at MRF to dry paper

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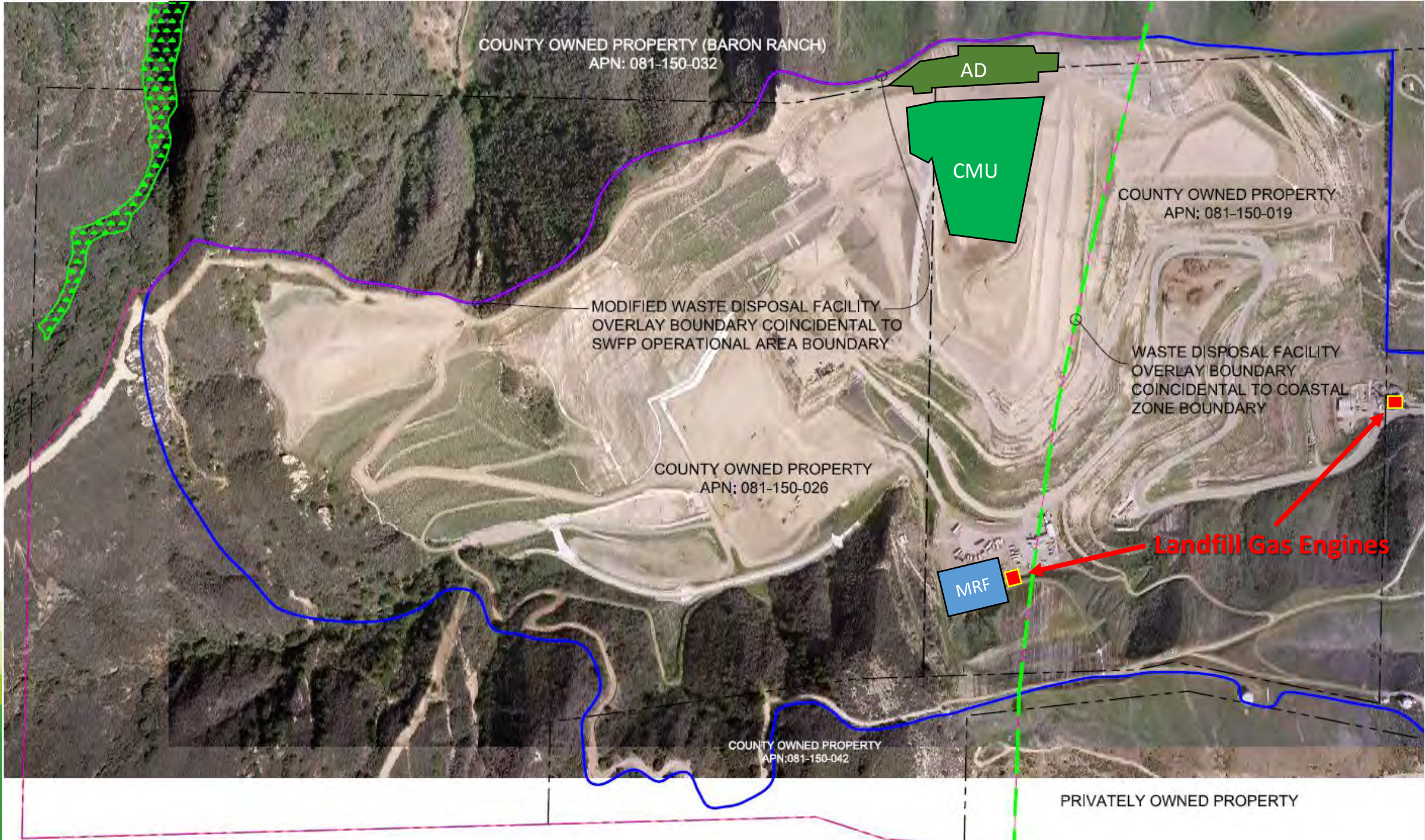
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Landfill Gas Engines

MRF

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Required Planning Adjustments

- Amend the Solid Waste Overlay (SWO) of the County's Comprehensive Plan
 - Proposed redesign is contained within the County's existing Solid Waste Facility Permit boundaries but need to update County's Solid Waste Overlay in the County Comprehensive Plan



Proposed amendment to the Waste Disposal Overlay

Not to Scale



Looking Easterly at the area to be added to the
Waste Disposal Overlay



Looking Westerly from the Baron
Ranch at the Area to be removed from
the Waste Disposal Overlay

ADDED TO WDFO (4.48 acres)

COUNTY OWNED PROPERTY (BARON RANCH)
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REMOVED FROM WDFO
(55 acres)

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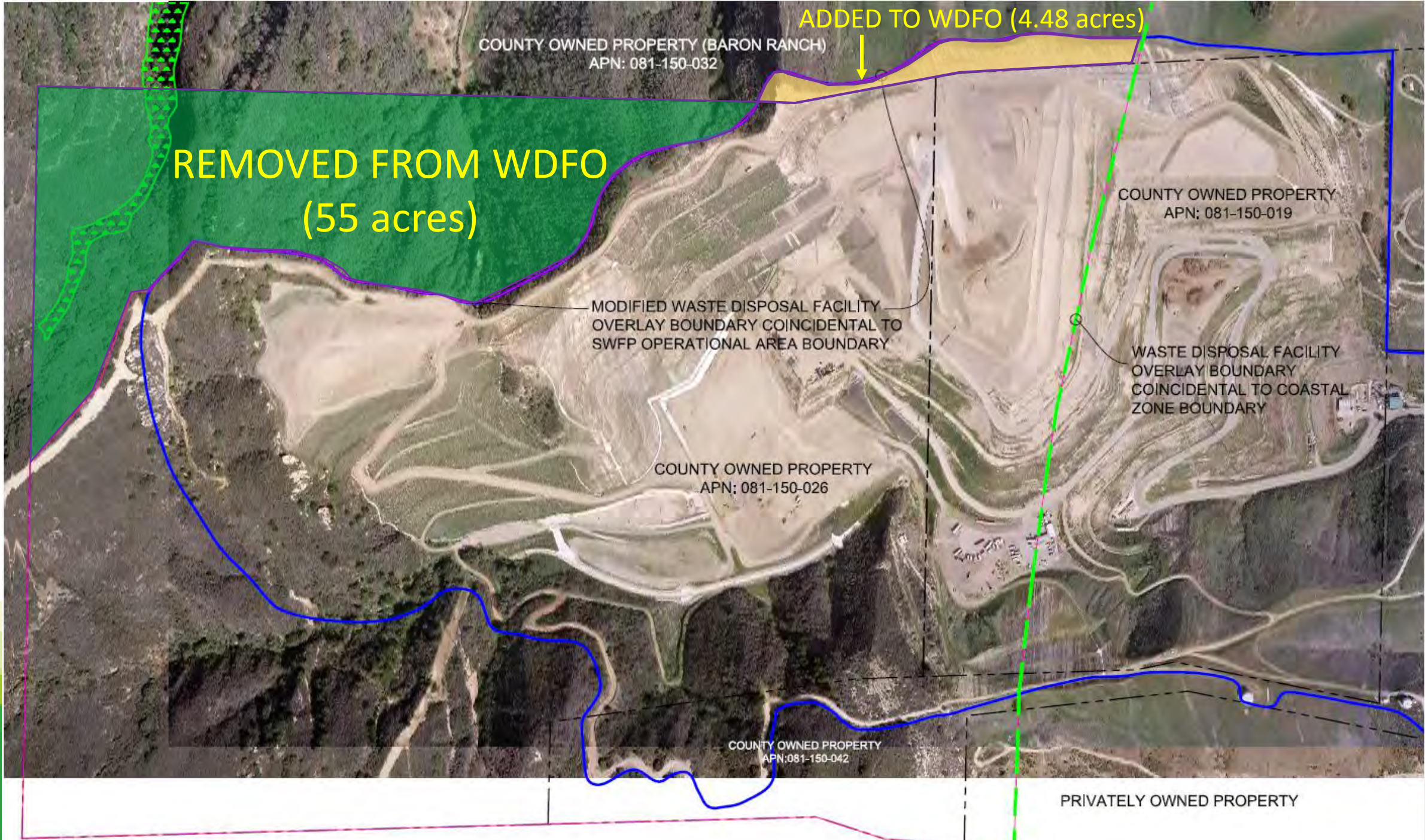
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Required Planning Adjustments

- Proposed Amendment Results:
 - 55.5 Acres removed from SWO – protecting it from future landfill development
 - 4.5 acres of previously graded area will be added to the SWO to accommodate the ADF
 - Net reduction of 51 acres

Recent Hearing

- County Planning Commission approved (August 30th)
 - Amendment to Comprehensive Plan to modify the Solid Waste Overlay
 - Revised Finding of Comprehensive Plan Conformity (65402)

Next Steps


- Board of Supervisors to consider in the Fall of 2017
 - Environmental review document per CEQA requirements
 - Comprehensive Plan Amendment and CEQA findings and adoption of resolution to amend Comprehensive Plan
 - Second Amendment to our vendor's development and operational contract
 - Direction to proceed with public financing

Next Steps

- Anticipate financing project in January/February 2018
- Complete construction 24 months after financing is completed
- Project is operational in early 2020



Conclusion

- County has identified and is pursuing a feasible solution
 - Project will provide necessary infrastructure to meet our community's waste processing needs
 - Largest reducer of greenhouse gases countywide & will produce renewable energy
 - Continued collaboration will provide the most cost-effective service to our ratepayers
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Thank you!



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