AlexRenew
1800 Limerick Street
Alexandria, VA 22314
alexrenew.com

March 31, 2026

RFP 26-011: Biosolids Thermal Dryer System
Addendum No. 1

Respondents shall acknowledge receipt of this Addendum on the RFP Checklist in Attachment C of the Request for Proposals (RFP) with submittal of the Proposal. Failure to do so may result in the rejection of the Proposal.

Addendum No. 1 to RFP-26-011 consists of the following:

- One page of text, including Response to Respondent's Question.
- Sign in-sheet and presentation from the Preproposal Conference held on March 17, 2026.

Response to Respondent's Question

Q1: The RFP specifies a thermal drum dryer. Would AlexRenew be willing to consider a thermal belt dryer?

A1: AlexRenew has specified a thermal drum dryer based on the technical constraints including, but not limited to, available space and ability to produce a pelletized product. Per Section 2.4 of the RFP, "Minimum system requirements are outlined in Attachment B, however, proposed solutions are not limited to the equipment specifically listed in Attachment B. Each Respondent may include in its Proposal any additional or alternative components necessary to ensure complete system functionality, performance, reliability, and safety."

End of Addendum No. 1

Meeting Sign-in

Meeting Title: Pre-Proposal meeting for RFP 26-011 Biosolids Thermal Dryer System
Date and Time: 3/17/2026 at 1:00 pm

No.	Name	Company	Virtual or in person
1	Keith Hamilton	Haarsav	Virtual
2	Lorenzo Borella	Berley-Falco	Virtual
3	Mike Teeter	Andritz Separation	Virtual
4	Steven Hagerty	Andritz Separation	Virtual
5	Dwinght Swan	Envirep	Virtual
6	Don Song	Stantec	Virtual
7	Sandy Gray	Stantec	Virtual
8	Brian Heckel	Stantec	Virtual
9	Igor Scherbakov	AlexRenew	In-person
10	Kevin Pilong	AlexRenew	In-person
11	Kyle Chan	AlexRenew	In-person
12	Felicia Glapion	AlexRenew	In-person
13	Marian Butler	AlexRenew	In-person
14	Caitlin Feehan	AlexRenew	In-person
15	Victoria Bates	Veolia	Virtual

AlexRenew

RFP 26-011: BIOSOLIDS THERMAL DRYER SYSTEM

PRE-PROPOSAL MEETING AND SITE TOUR | MARCH 17, 2026

Today’s presentation is for information only

1. Request for Proposals (RFP) will remain the governing document
2. Only an official addendum will modify the RFP
3. Any questions received at today’s Pre-proposal Meeting may be answered verbally. However, oral statements may not be relied upon and will not be binding.

Today’s Presenters

Procurement Manager

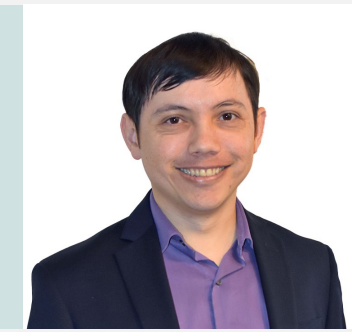
Igor Scherbakov

Igor joined AlexRenew in 2023 and serves as the Procurement Manager, responsible for AlexRenew’s procurement department.

Engineering Manager

Kevin Pilong

Kevin joined AlexRenew in 2023 and serves as the Engineering Manager, responsible for AlexRenew’s Engineering Department.



Engineer III

Kyle Chan

Kyle joined AlexRenew in 2020 and serves as an Engineer III, acting as Project Manager on AlexRenew’s Biosolids Diversification Project and other projects.

ALEXANDRIA'S WATER SYSTEM

Drinking water distribution system

Virginia American Water

Sanitary and combined sewer system

City of Alexandria

Wastewater treatment and combined sewer outfalls

AlexRenew

Stormwater system

City of Alexandria

AlexRenew

OVERVIEW

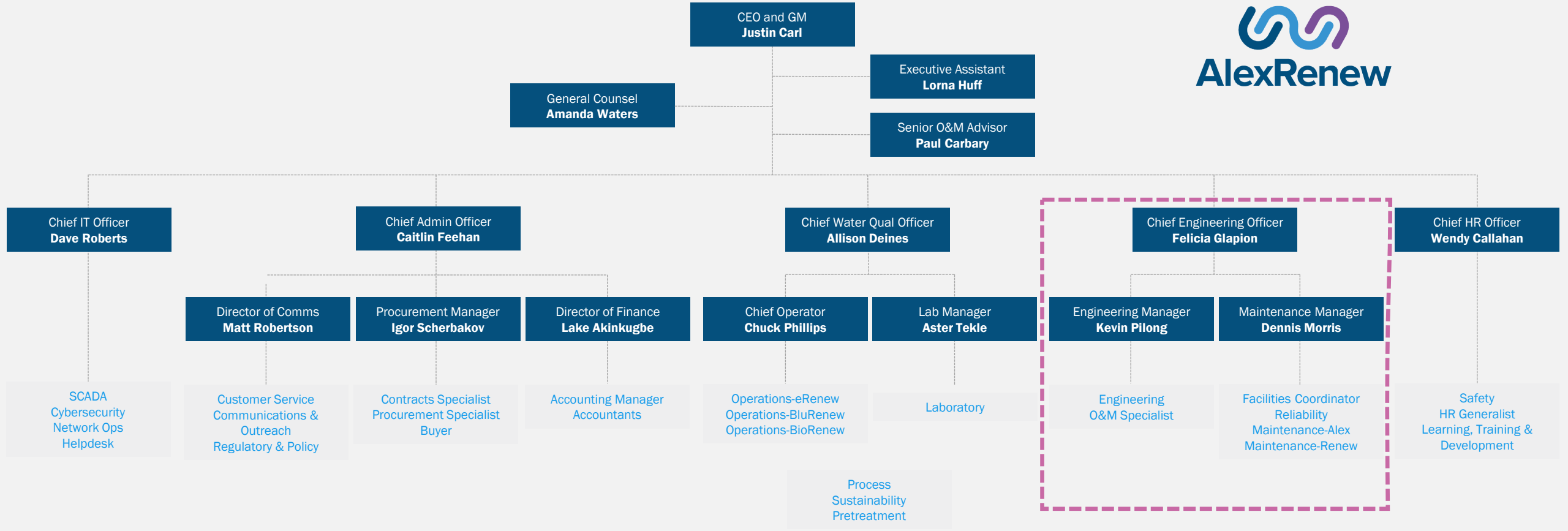
Purifies 13 billion gallons of wastewater each year

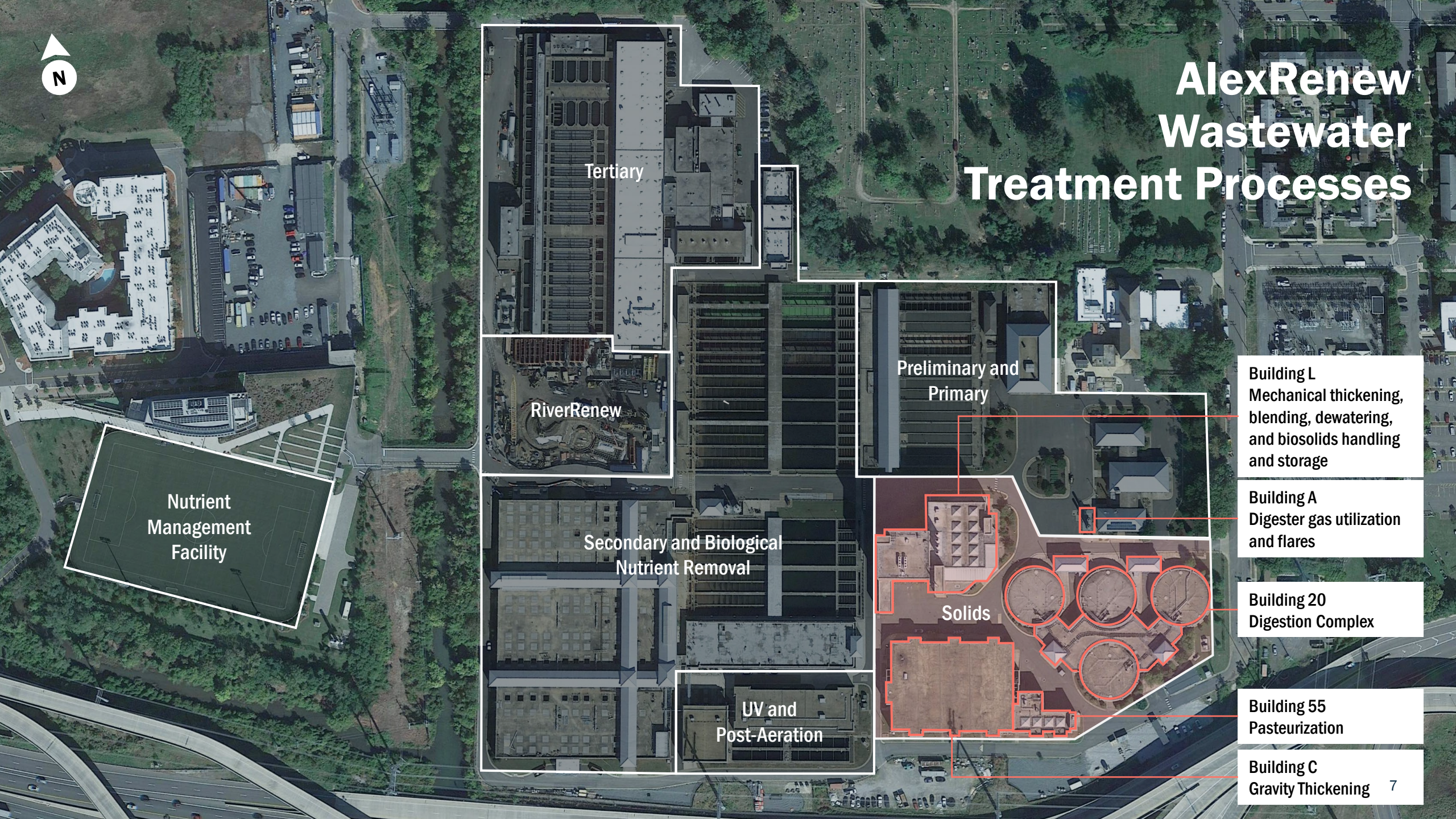
Serves a population of about 300,000 people in Alexandria and portions of Fairfax County

Established in 1952 as an independent authority

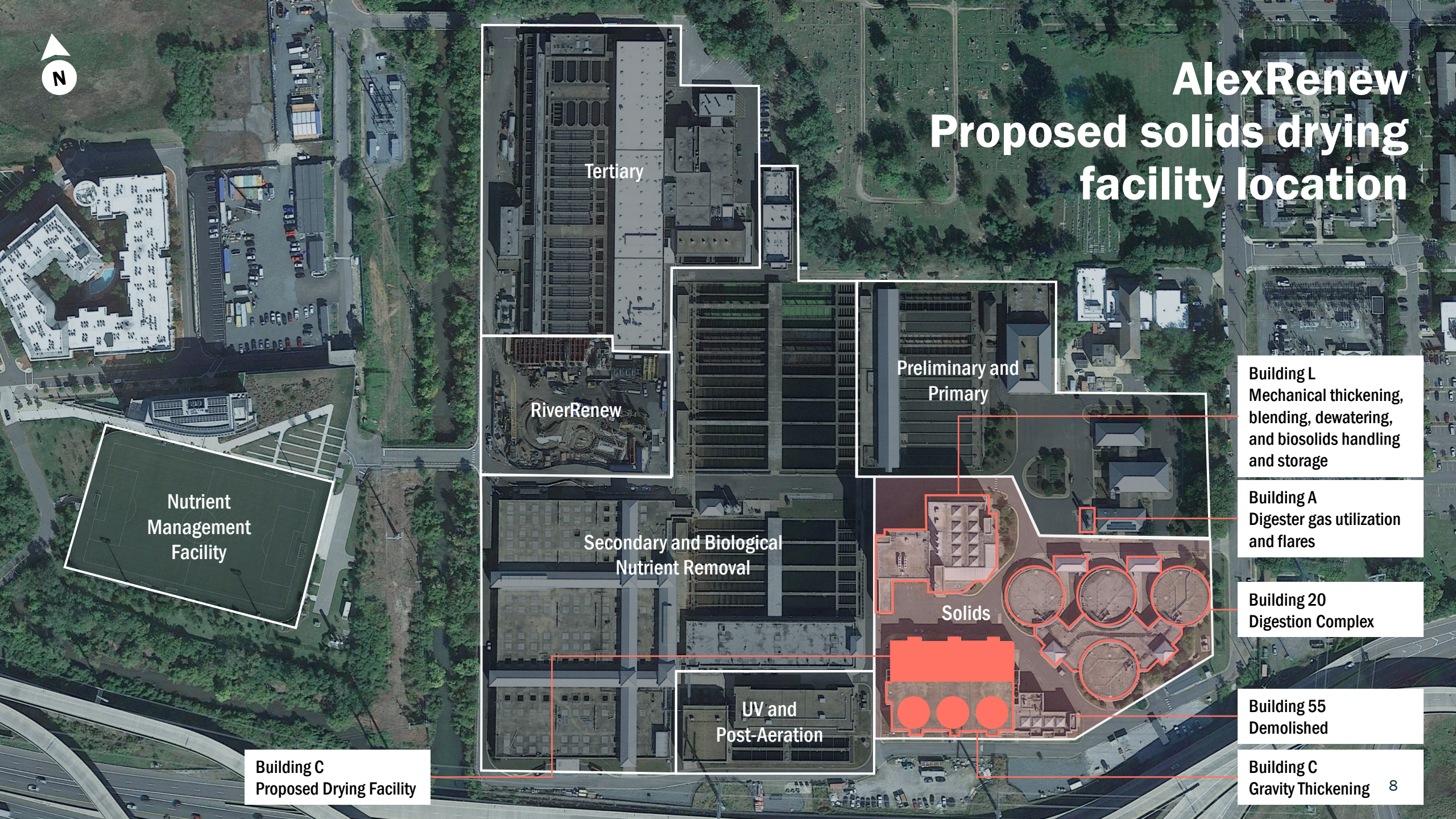
Governed by a 5-member citizen Board

AlexRenew Organizational Chart





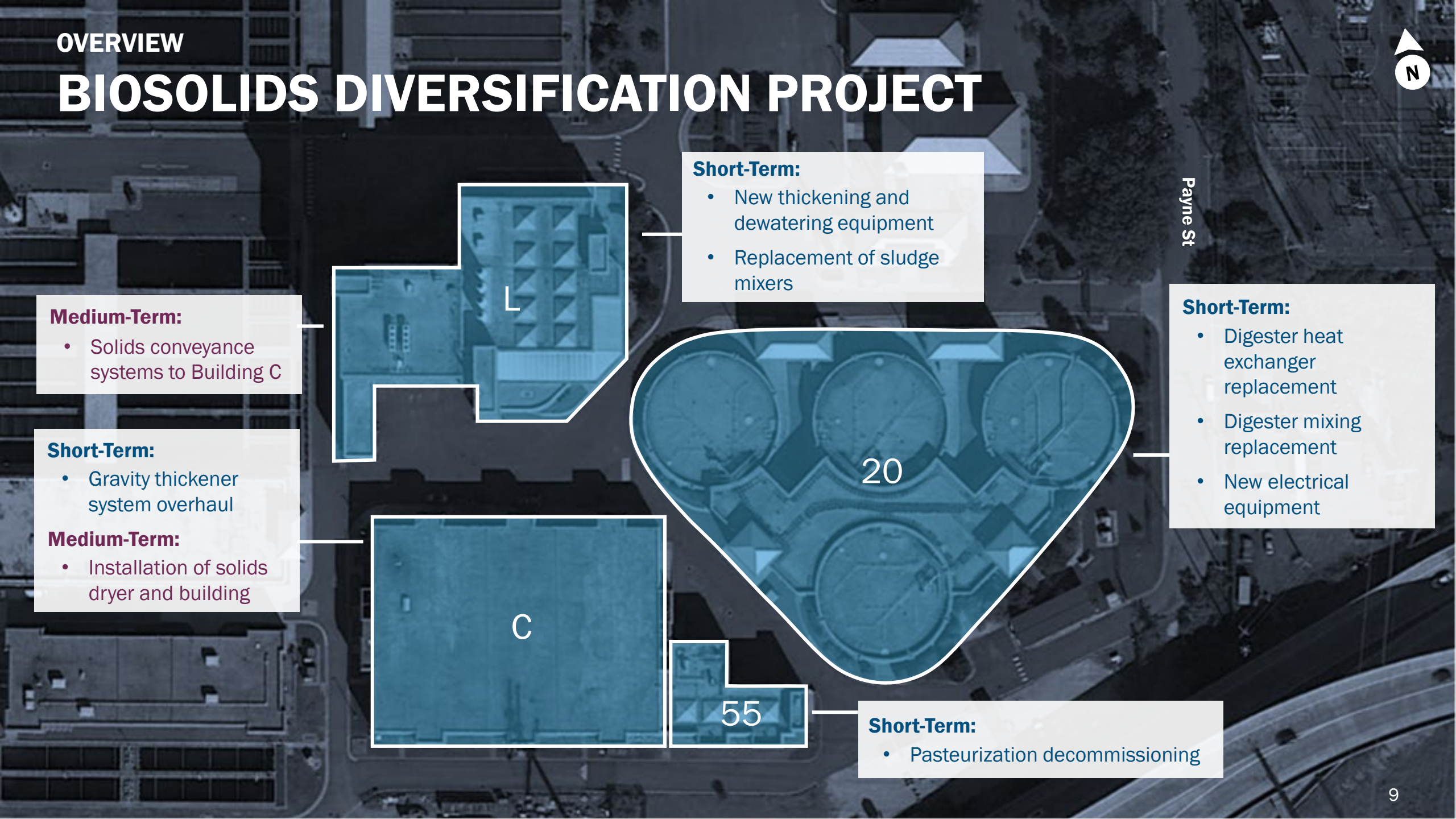
AlexRenew Wastewater Treatment Processes



AlexRenew Proposed solids drying facility location

OVERVIEW

BIOSOLIDS DIVERSIFICATION PROJECT



Short-Term:

- New thickening and dewatering equipment
- Replacement of sludge mixers

Medium-Term:

- Solids conveyance systems to Building C

Short-Term:

- Digester heat exchanger replacement
- Digester mixing replacement
- New electrical equipment

Short-Term:

- Gravity thickener system overhaul

Medium-Term:

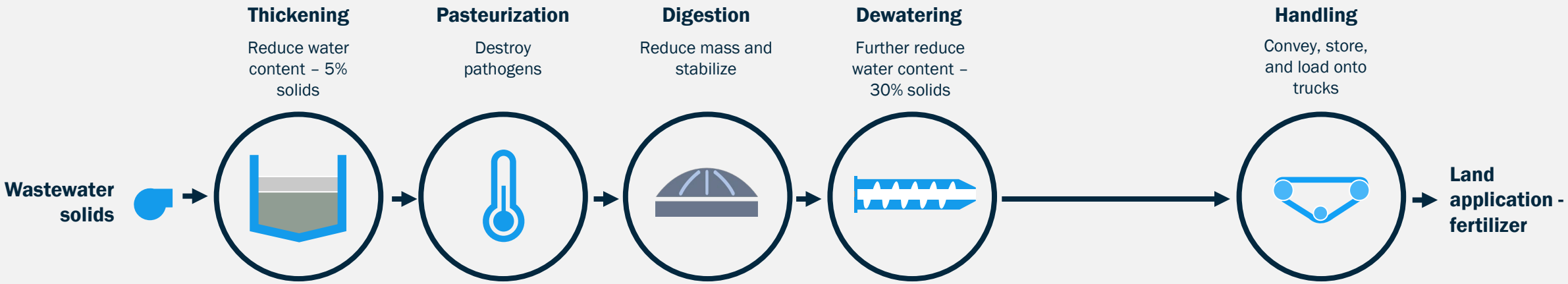
- Installation of solids dryer and building

Short-Term:

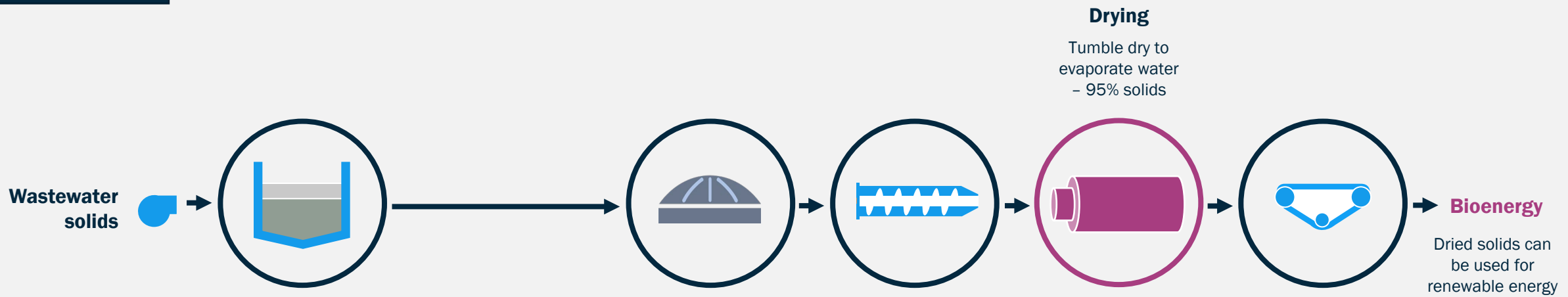
- Pasteurization decommissioning

AlexRenew Solids Process (current and future)

Current



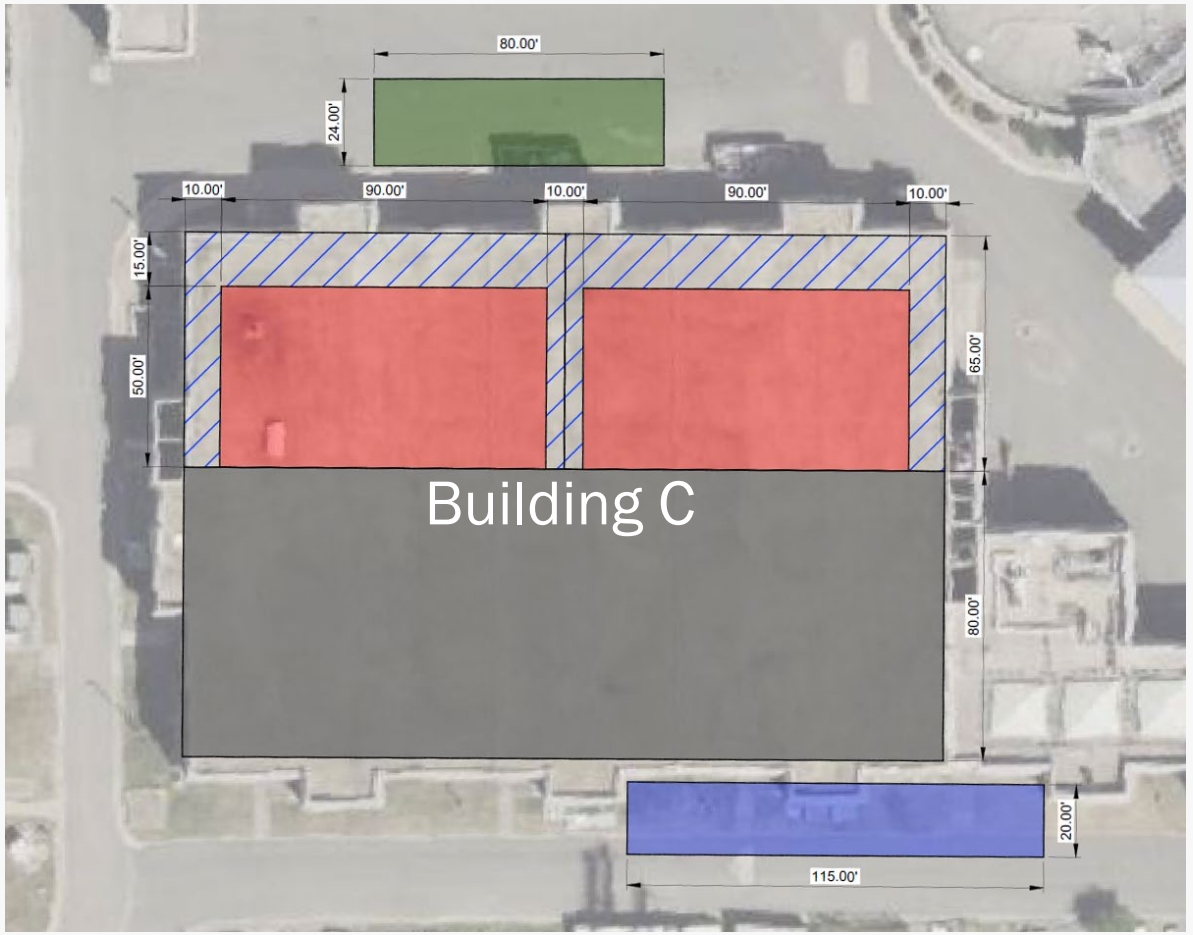
Future



Biosolids Thermal Drying System Scope of Supply

The Biosolids Thermal Drying System will supply equipment for a new plant process to diversify biosolids end uses. The anticipated scope of supply includes the following major items.

- **Triple pass rotary drum drying system.** Furnish complete system including, but not limited to:
  1. Two (2) wet material bins with live bottom screws, each with two (2) cake pumps (total of four cake pumps)
  2. Two (2) complete drum drying and pelletization systems with emissions controls
  3. Two (2) pneumatic product transport systems
  4. Two (2) dry product storage silos
  5. One (1) nitrogen storage tank and vaporizer system



Allocated building footprint, final location of equipment to be determined as part of design

Biosolids Thermal Drying System Technical Requirements

The proposed solution shall comply with the Technical Requirements summarized below and detailed in Attachment B of the RFP.

Table 2.1 Dewatered Sludge Feedstock Design Criteria

Parameter	Specification/Value
Feed sludge type	Municipal, dewatered cake, anaerobically digested, screened, amended with ferric chloride
Feed cake total solids content (minimum/ maximum)	20% TS/ 27% TS
Dry product total solids content (minimum/ maximum	92% TS/ 95% TS

Table 2.2 Biosolids Thermal Dryer Design Criteria

Parameter	Specification/Value
Dryer type	Rotary drum
Number of dryer trains (duty/ standby)	2 total (1 duty/ 1 standby)
Required runtime	24 hours/ day; 7 days/week
Minimum turndown	30% of design capacity
Design evaporative capacity per dryer train	13,228 lbs H2O/hr
Fuel type	Dual fuel (natural gas and digester gas)
Emissions	Facility is located in an area of ozone-non-attainment. Air pollution controls for VOCs and ultra-low NOx will potentially be required

Biosolids Thermal Drying System Scope of Services

The Biosolids Thermal Drying System scope of services is expected to occur in three phases

- **Phase 1: Design Services.** Preparation and submission of shop drawings, design calculations, control narratives, equipment data, and other engineering documentation required for review and coordination with the project design.
- **Phase 2: Fabrication and Delivery.** Manufacture, factory testing, and delivery of the biosolids thermal drying system and associated equipment.
- **Phase 3: Field Services and Commissioning.** Provide technical field support for installation, testing, commissioning, start-up, and training. Option for short-term operations contract (e.g. 1 year) may be requested during negotiations
- **Assignment to CMAR:** Upon completion of Phase 1, the contract will be assigned to the CMAR such that the Successful Respondent's contract obligations for Phases 2 and 3 will be directly with the CMAR.

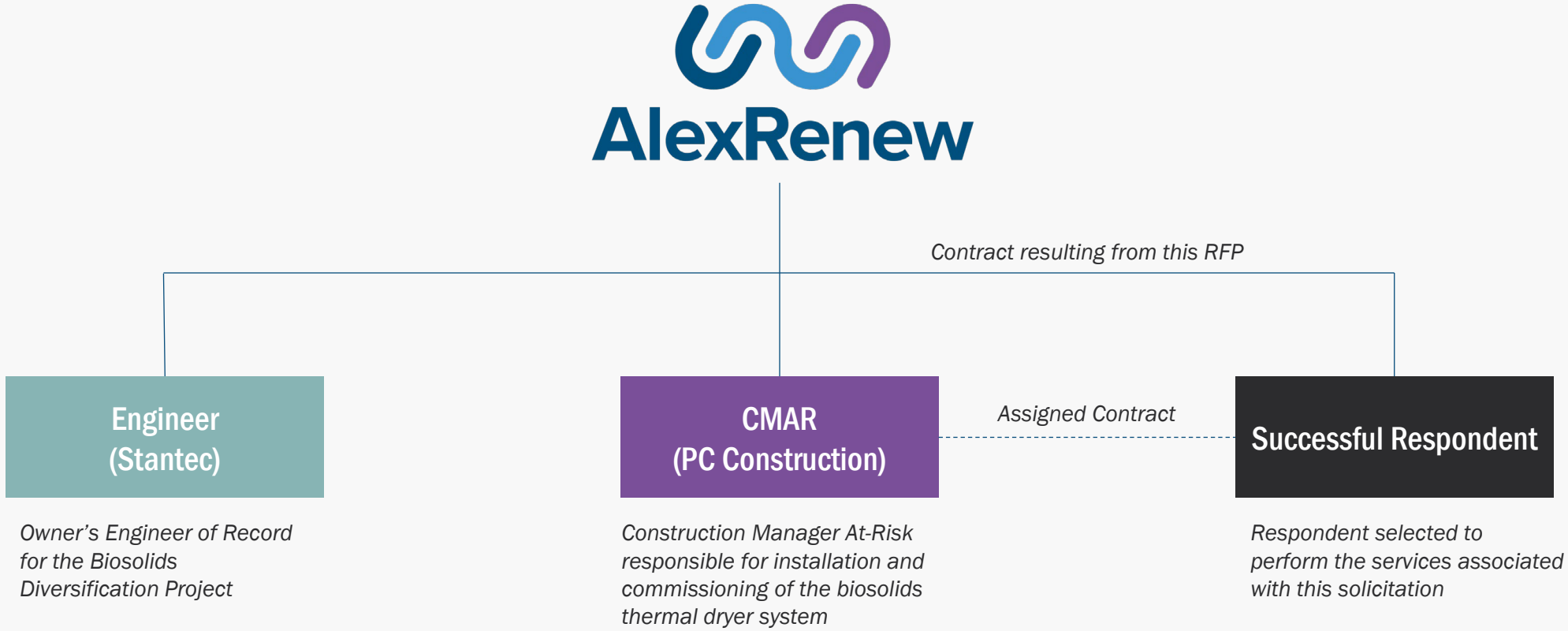
Dewatered biosolids product

Biosolids conveyer

Dried biosolids pellets

Biosolids Thermal Drying System Contract Arrangement

AlexRenew will enter into a Contract with the Successful Respondent to perform the scope of services. Upon completion of Phase 1, the Contract will be assigned to the CMAR.



Biosolids Thermal Drying System

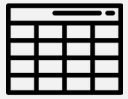
RFP-26-011 EVALUATION CRITERIA

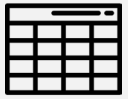
Manufacturer and Support Capabilities

20

Narrative, team structure, technical support process, and support personnel

3-5 Key Personnel with resumes

 Design staff

 Service and Maintenance Staff

Technical and Operational Performance

40

Scope of supply, layout drawings, equipment and spares list, operations contract, typical commissioning plan, draft warranty certification:

Meets requirements of Attachment B

Demonstrated Experience

40

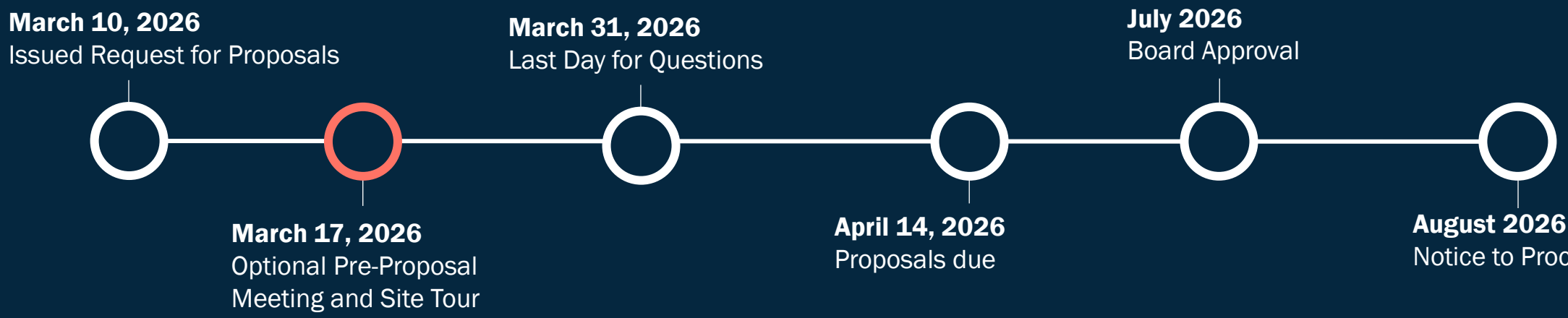
Narrative, the below table, and list of USA installations

6 Example projects in the last **10** years

 Example Projects

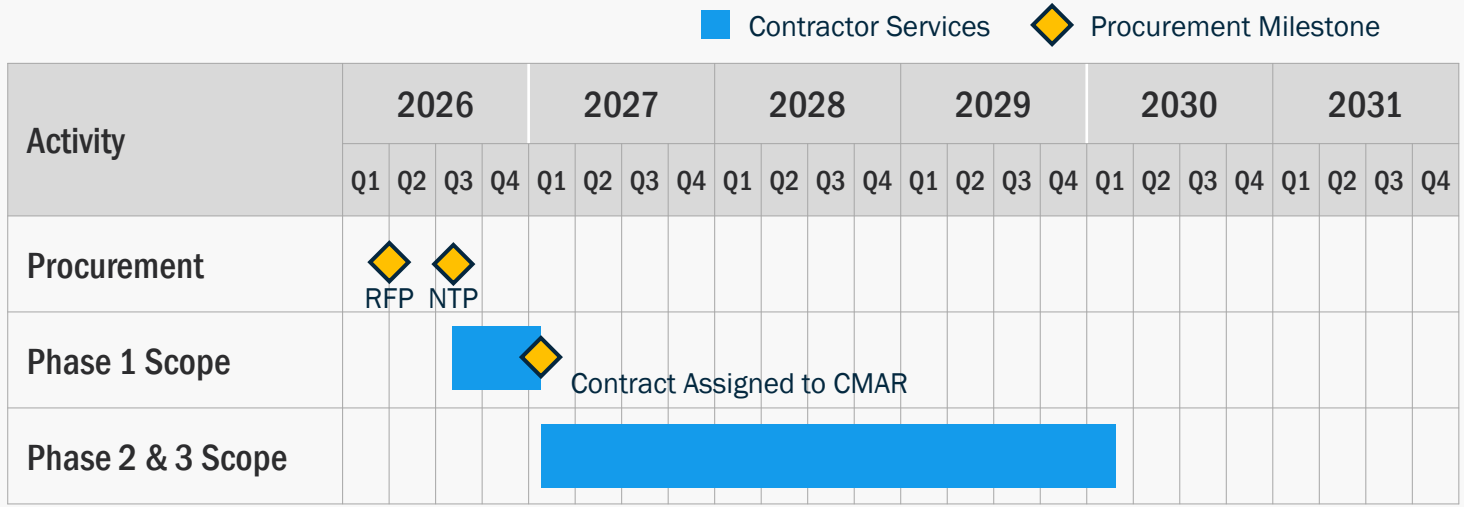
Other Required Documents/Forms / SCC Registration / RFP 26-011 Checklist

RFP 26-011 Procurement Timeline



Anticipated Project Schedule

Timing of the project, highlighting procurement milestones and expected duration of services.



The schedule dates are approximate and are non-binding. They are provided for Respondents' information only. However, similar dates and durations as well as milestones may be included in the Contract between AlexRenew and Successful Respondent.

AlexRenew's gravity thickeners inside Building C

Next Steps

- Presentation will be posted on AlexRenew's website
- Submit questions via dryer-26-011@alexrenew.com
- Last day for questions March 31, 2026
- Submit proposals April 14, 2026 by 2:00 PM
- Notifications of Shortlist by May 28, 2026
- Anticipated Contract Award and Issue Notice-to-Proceed by August 2026

AlexRenew's Truck Loading Area in Building L


AlexRenew