



# Large Construction Projects for Ashbridges Bay Treatment Plant

Presentation to  
**Neighbourhood Liaison Committee**

February 28, 2012

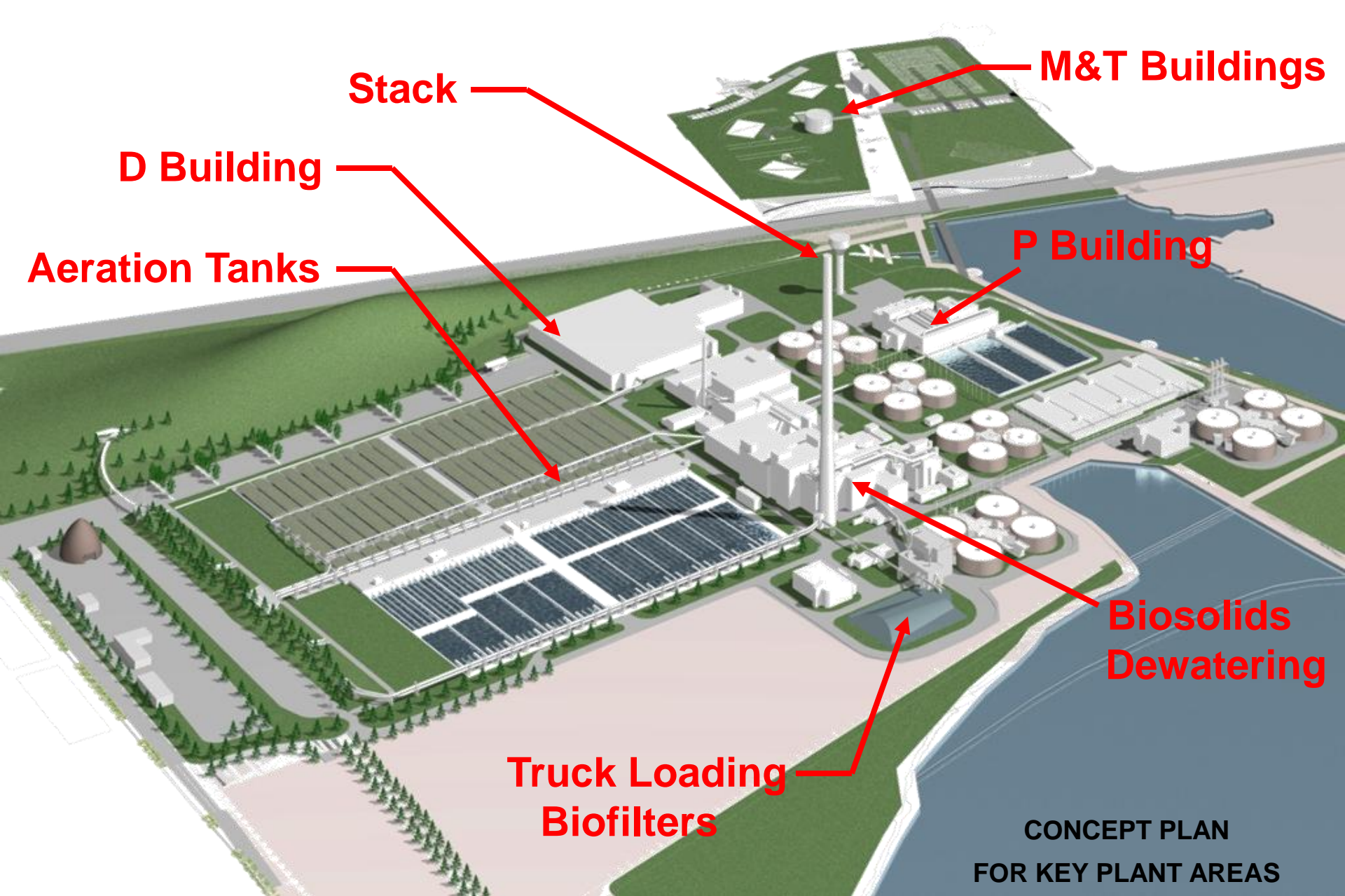


# Project Steps

- Conceptual Design
- Pre-Design
  - Air Management Study
- Detail Design
- MOE Certificate of Approval (C of A)
- Procurement
- Construction
- Post-Construction

Accomplishments		Current		Next Steps	
Conceptual	Pre-Design	Detail Design	Permit	Procurement	Construction

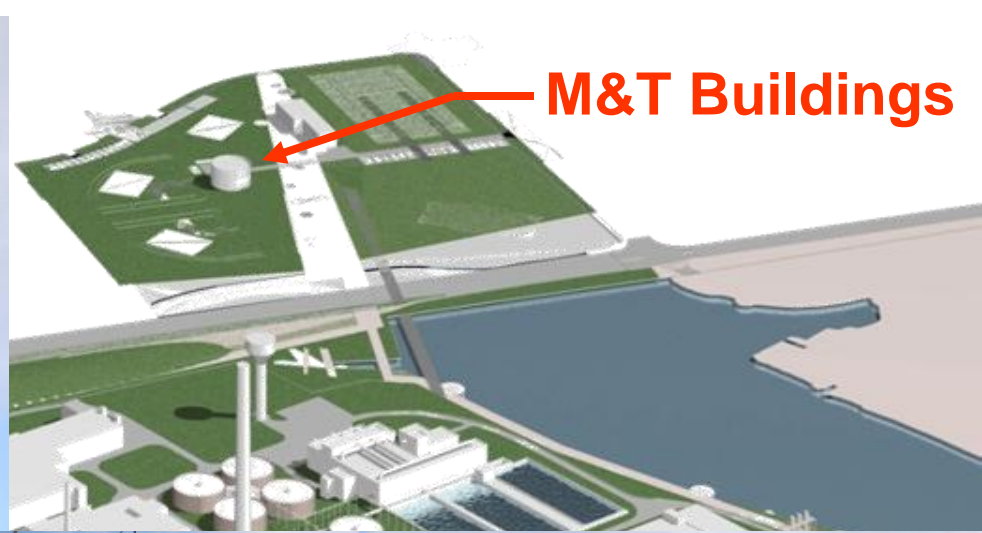




CONCEPT PLAN  
FOR KEY PLANT AREAS



M



M&T Buildings



T





# M & T Building



## Current Status

- Contract Value: \$10.7M
- M Building – In Operation
- T Building - Commissioning HVAC
- Completion - April 2012

Conceptual

PreDesign

Detail Design

Permit

Procurement

Construction





## D Building



### Current Status

- Contract Value: \$81M
- New Screens
- Improve De-gritting
- New Grit Truck Loading Facility
- New Biofilter
- Completion – July 2013

Conceptual

Pre-Design

Detail Design

Permit

Procurement

Construction









# P Building Upgrade



## Scope

- New Screens
- Improve De-gritting
- New Grit Truck Loading Facility
- New Biofilter
- New HVAC
- New Electrical

## Next Steps

- Procurement – Summer/Fall 2012
- Construction – Winter 2012
- Construction Duration – 3 Years

Conceptual	Pre-Design	Detail Design	Permit	Procurement	Construction
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EXISTING  
CAUSEWAY

EX.  
WATER  
TOWER

EX. ELECTRICAL  
SUBSTATION

EXISTING  
'EAST GATE'

EXISTING CHAIN L  
WITH DOUBLE SWI

EXISTING OPEN  
GRASSED AREA

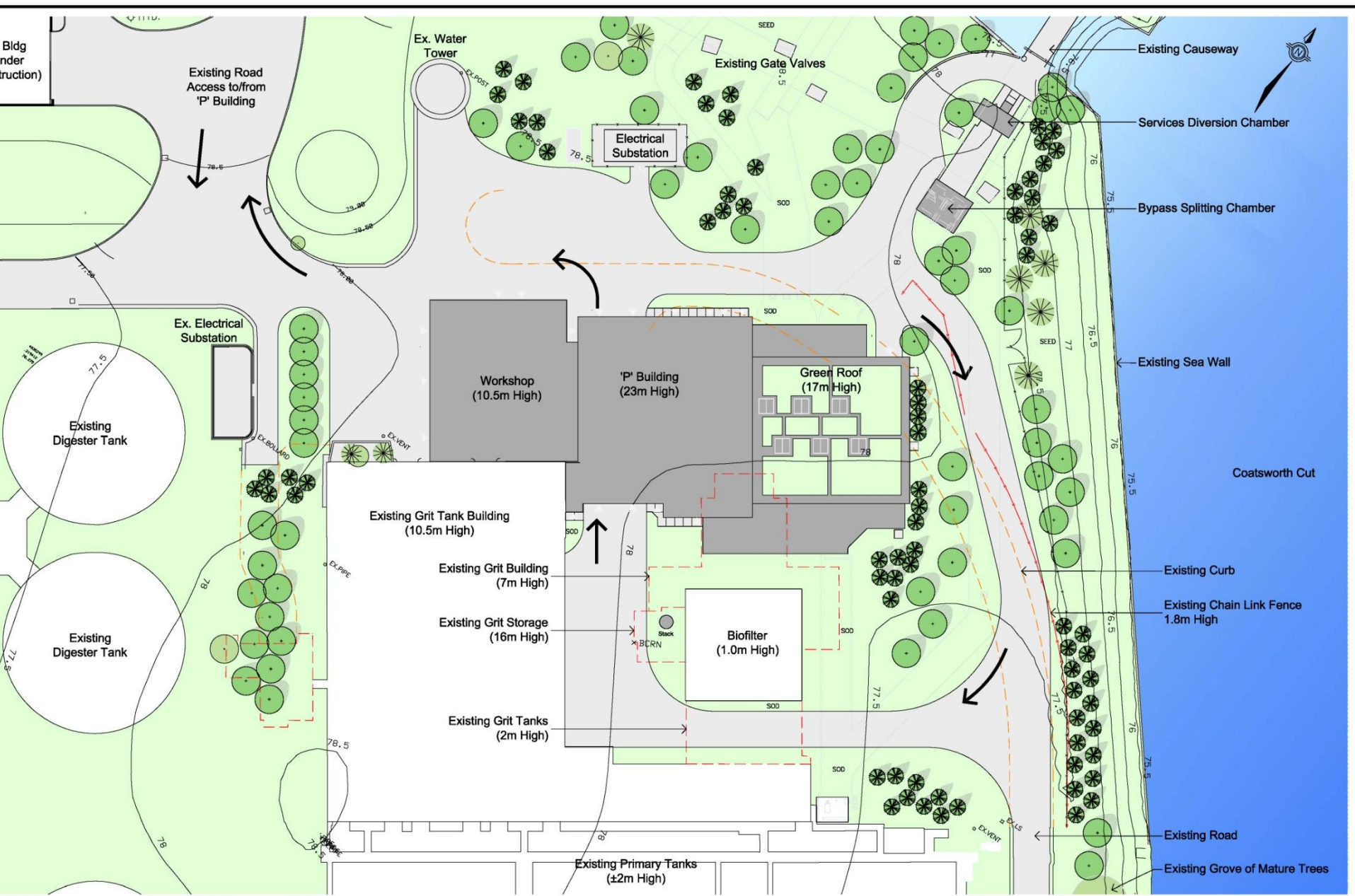
## QUESTION TANKS

EXISTING  
'P' BUILDING  
WEST

EXISTING  
P' BUILDING  
EAST

C O A -







**SOUTH ELEVATION**  
SCALE 1:125



**EAST ELEVATION**  
SCALE 1:125



## Aeration Tanks



2010/08/27 08:32

# Aeration Tanks Odour Control



## Current Status

- Contract Value: \$20M
- Removal of the existing Ventilation System
- New Ventilation Ducting
- New Fans
- Exhaust Through Incinerator Stack
- Completion - Spring/Summer 2013



Conceptual

Pre-Design

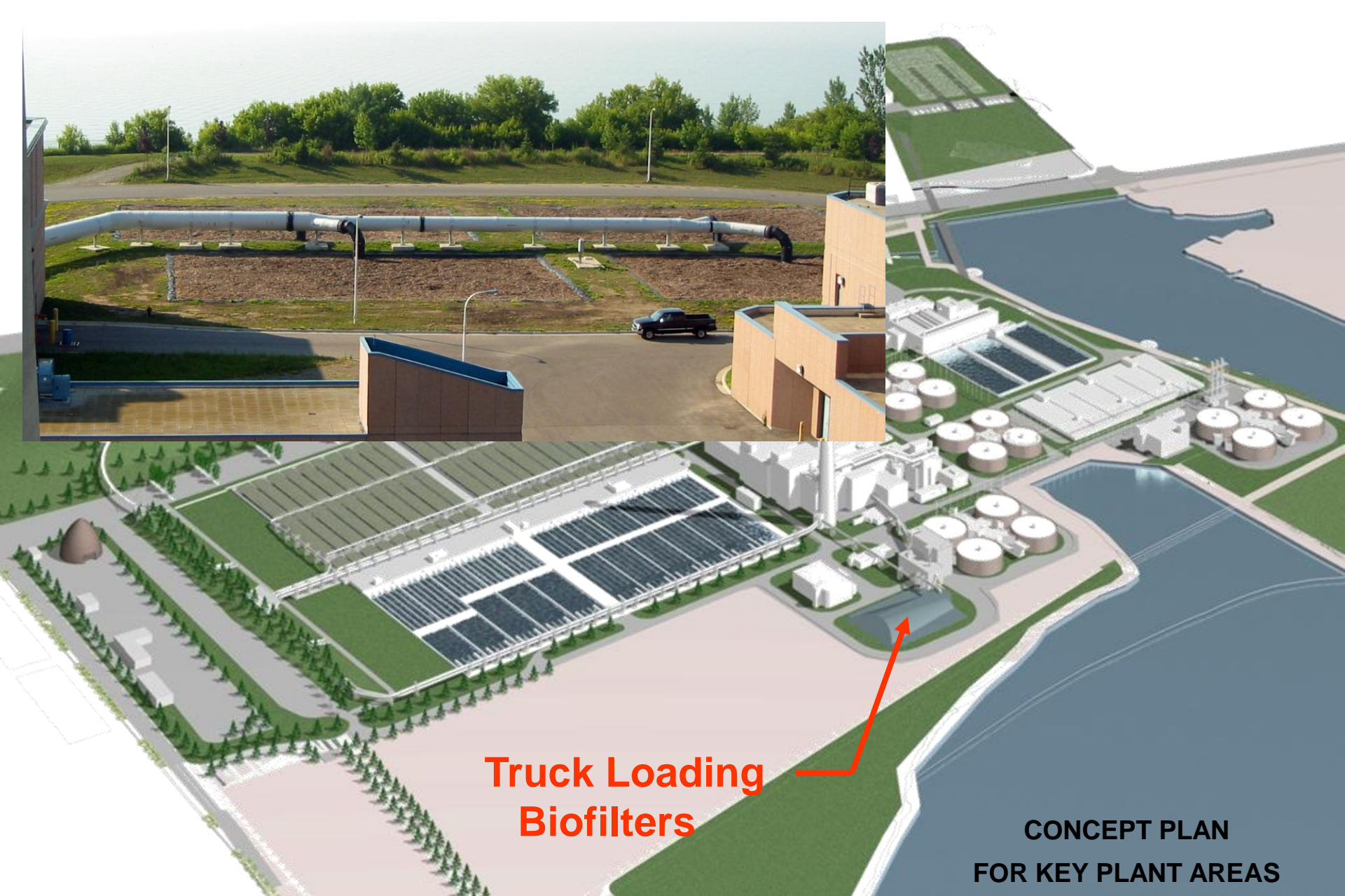
Permit

Detail Design

Procurement

Construction





**Truck Loading  
Biofilters**

**CONCEPT PLAN  
FOR KEY PLANT AREAS**



# Truck Loading Biofilter



## Accomplishments

- Conceptual Design
  - Biofilter Replacement
  - Pellitizer Odourous Air
- Permit (CofA)

## Next Steps

- Selection of Engineering Firm
- Detail Design
- Construction

Conceptual

Pre-Design

Detail Design

Permit

Procurement

Construction





# QUESTIONS?