



AQUA-AEROBIC SYSTEMS, INC.
A Metawater Company

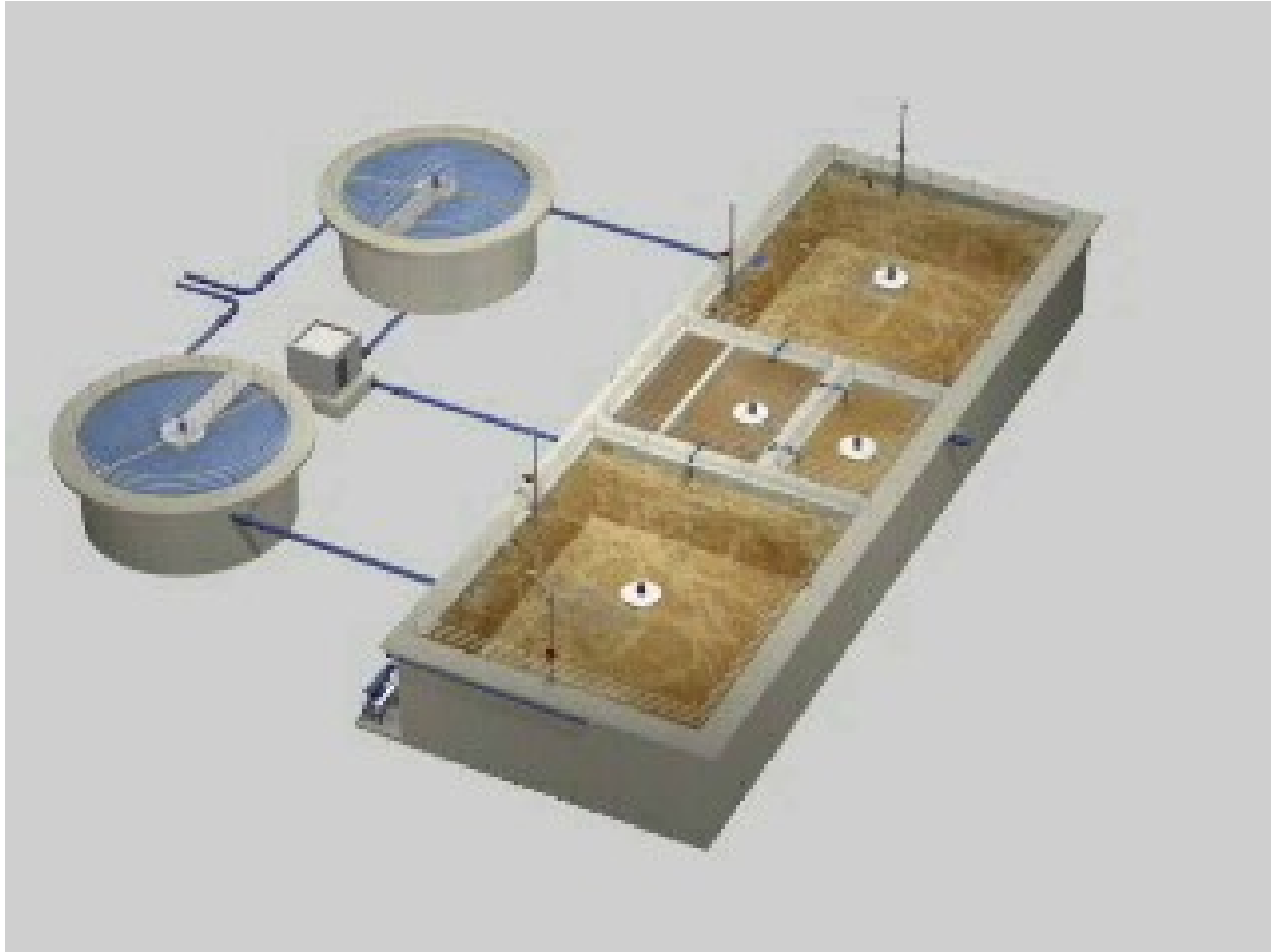
AquaPASS®

Phased Activated Sludge System

AquaPASS[®] System



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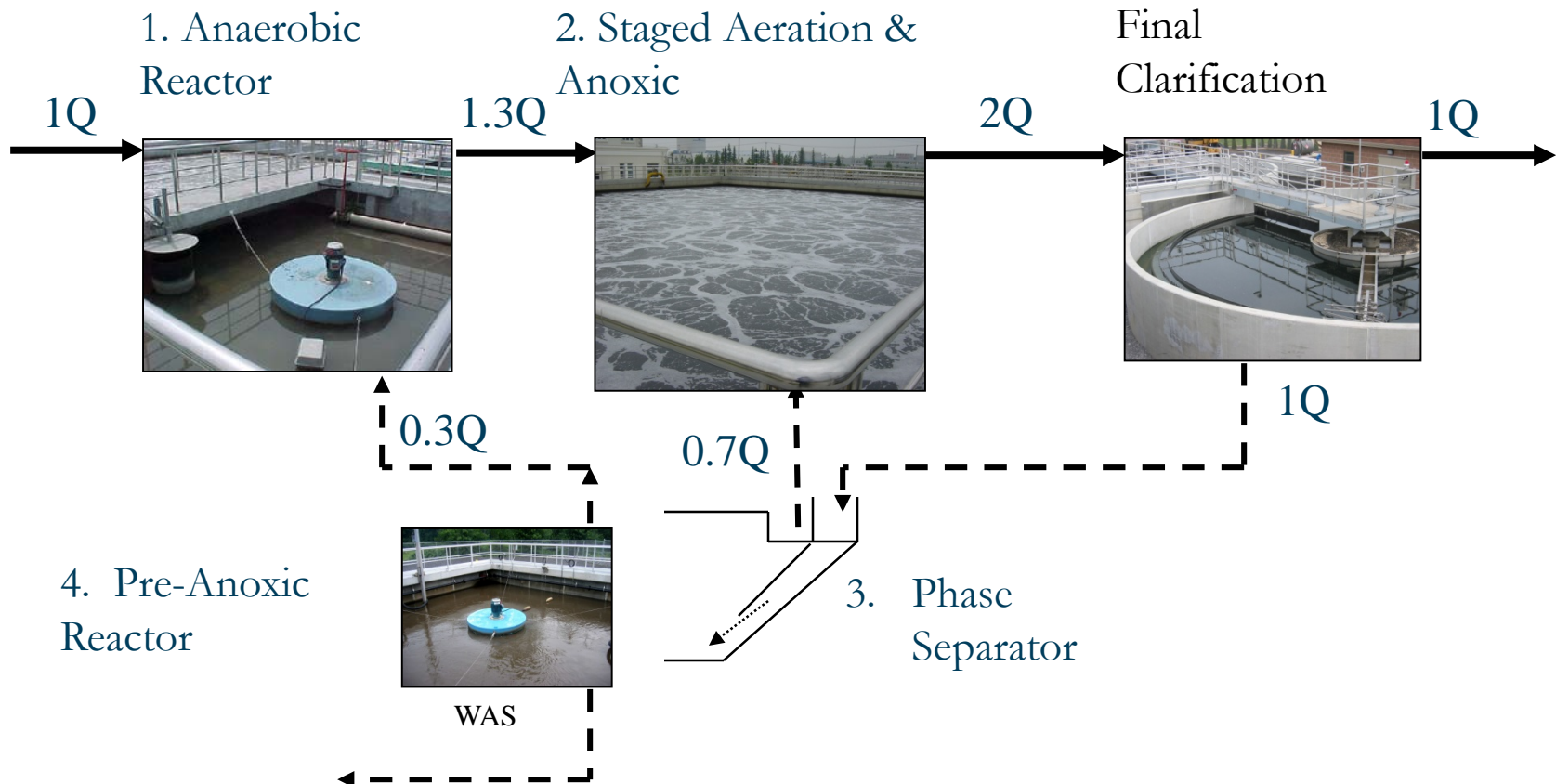


AquaPASS[®] System

Process Flow



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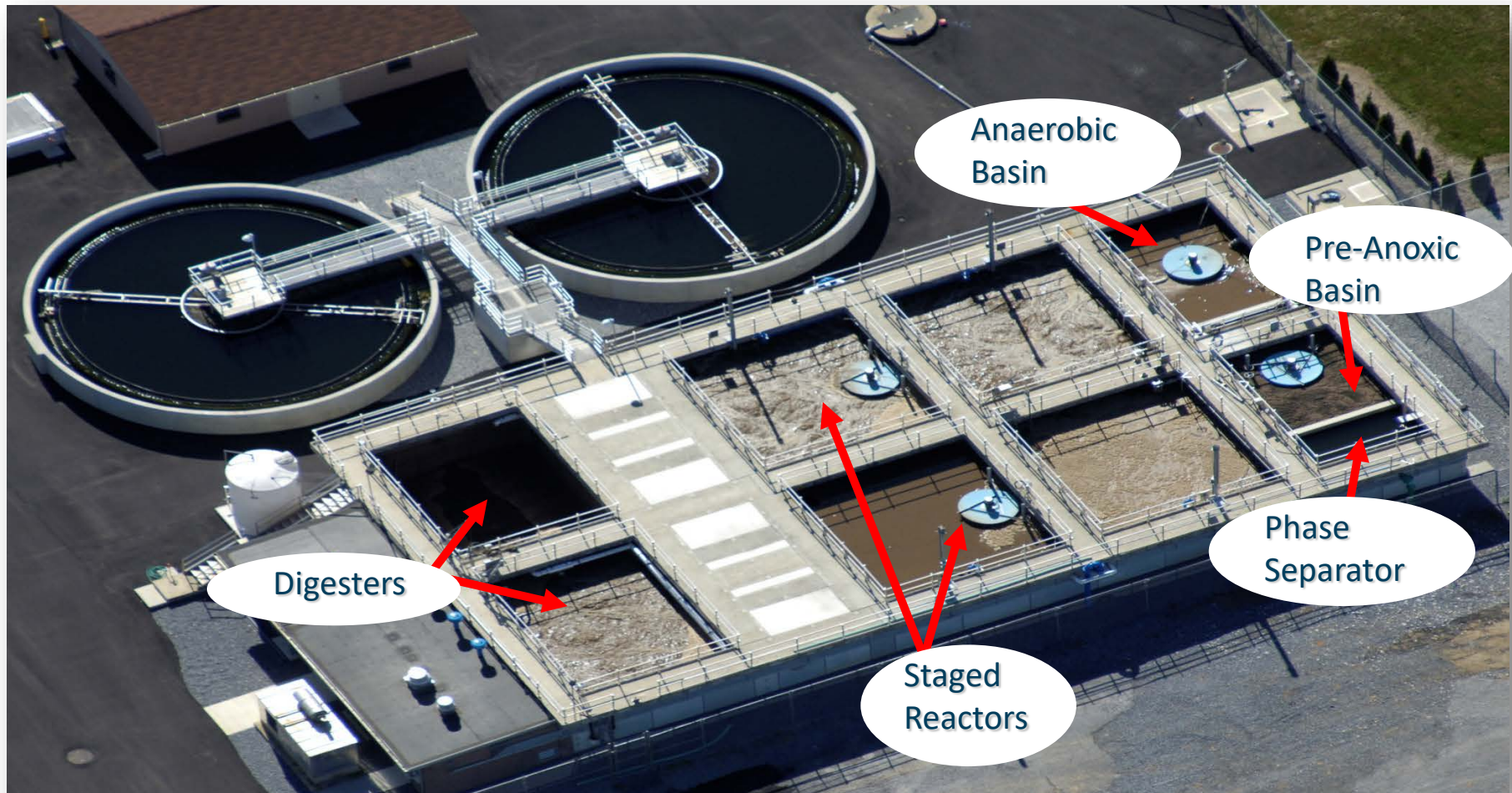


AquaPASS® System

Layout Example



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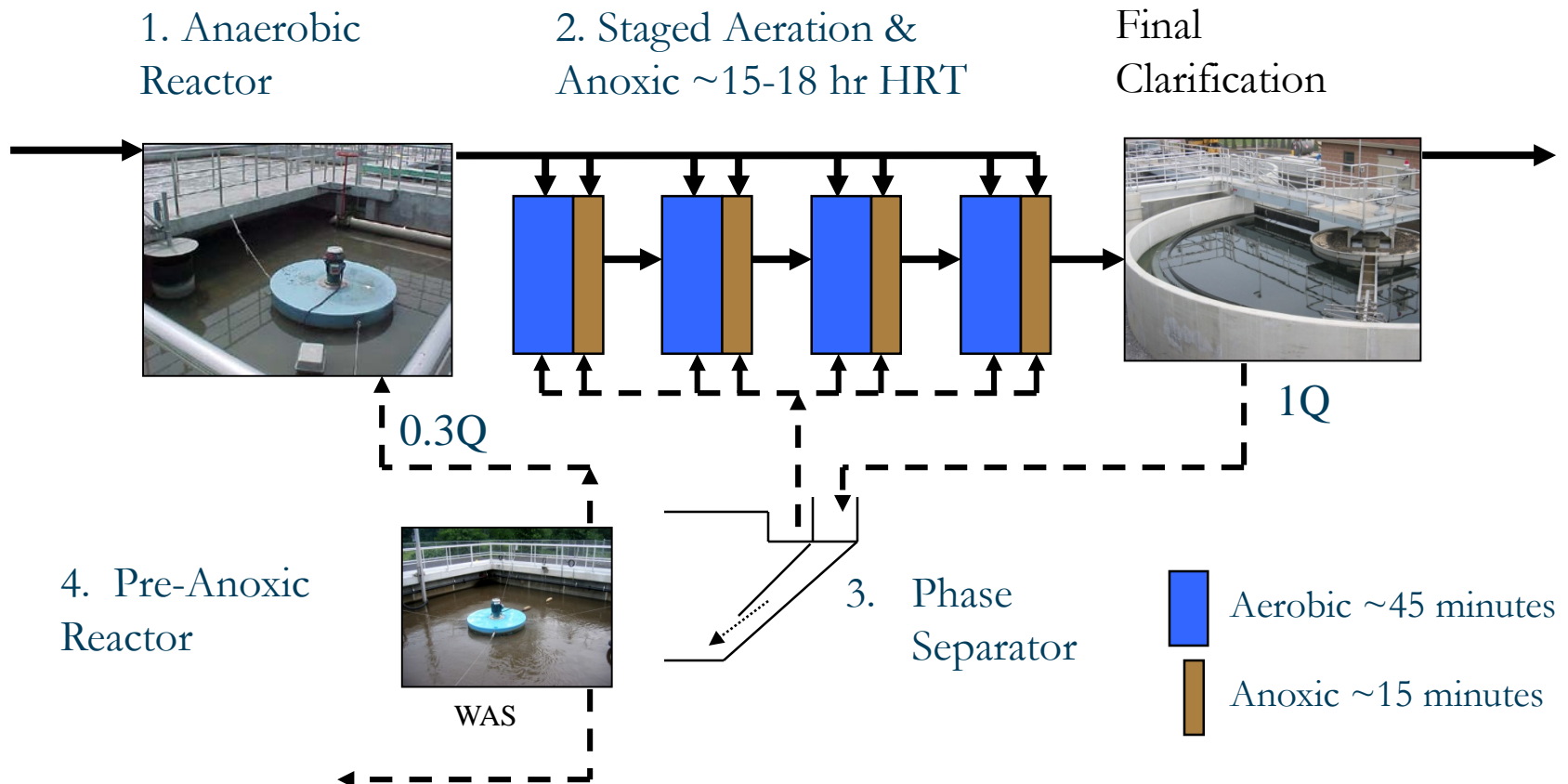


AquaPASS[®] System

SAR - Aerobic/Anoxic



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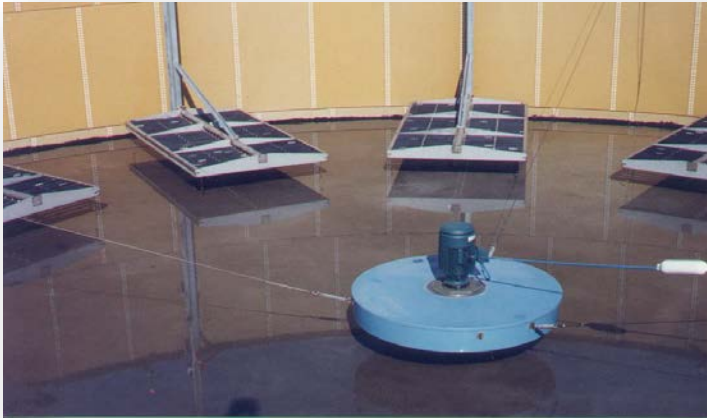


AquaPASS® Components

Unequaled Quality



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Aqua MixAir®



Phase Separator



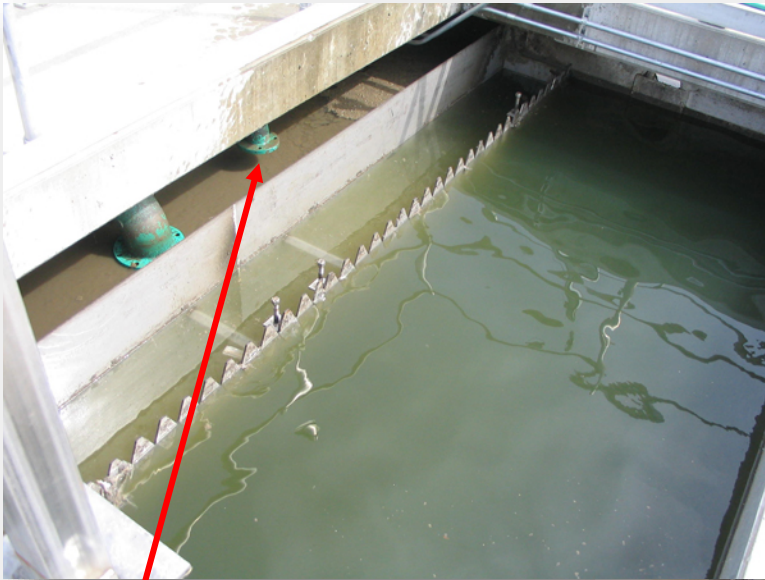
Aqua-Aerobic Control Solutions

AquaPASS®

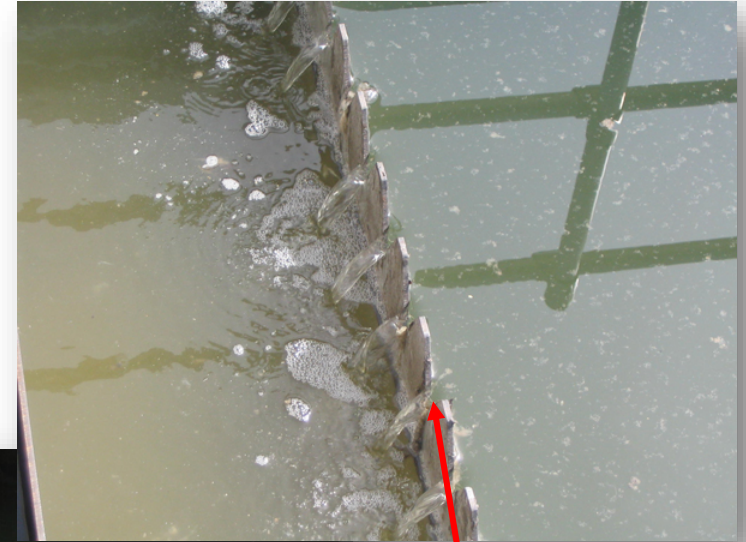
Phase Separator



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RAS from Clarifier



Return to Staged
Aeration Reactor



Installation Profile

Monticello, IN



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1.6 MGD Average / 3.6 MGD peak / 0.5 mg/L effluent TP

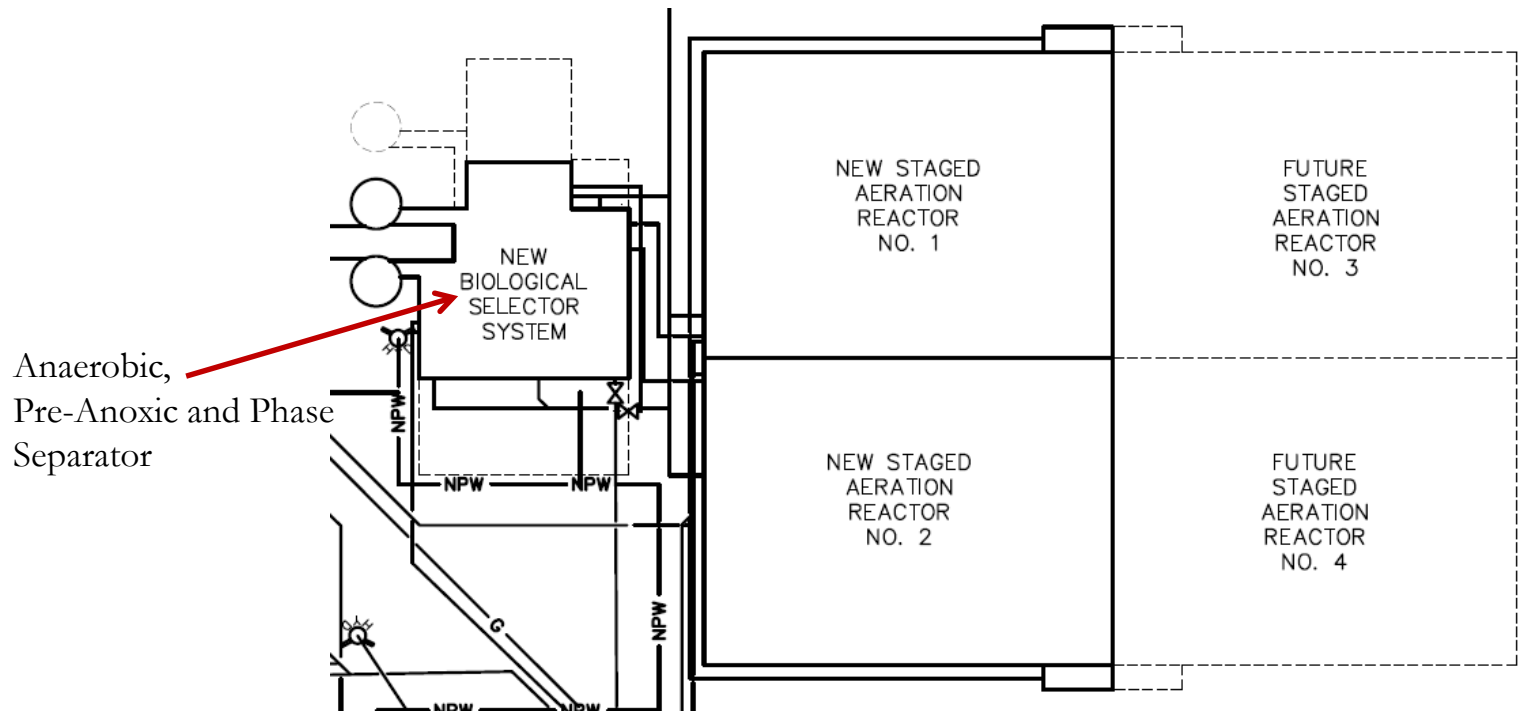
Installation Profile

Monticello, IN



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- 1.6 MGD Average / 3.6 MGD Max
- 10/10/1/0.5 (CBOD/TSS/NH₃/TP) effluent

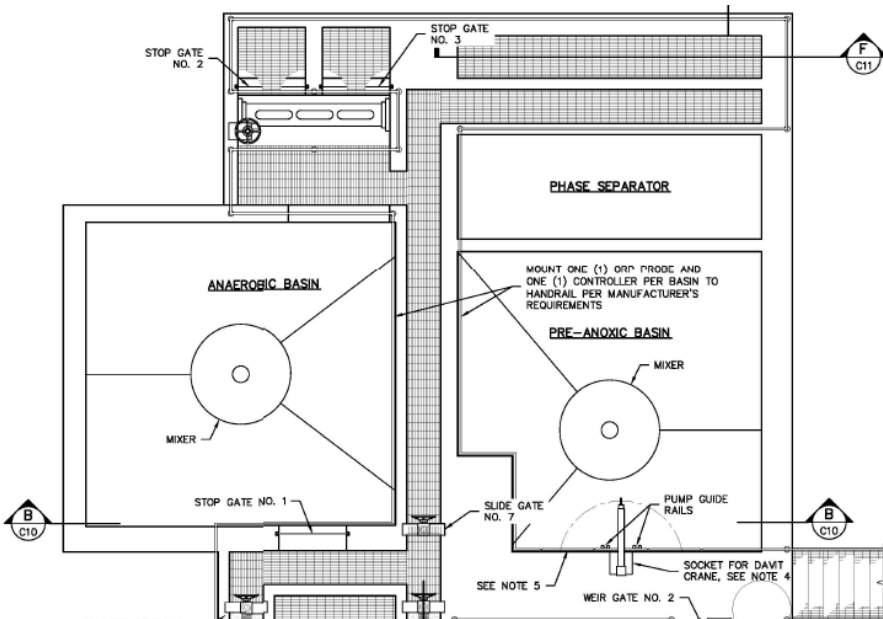


Installation Profile

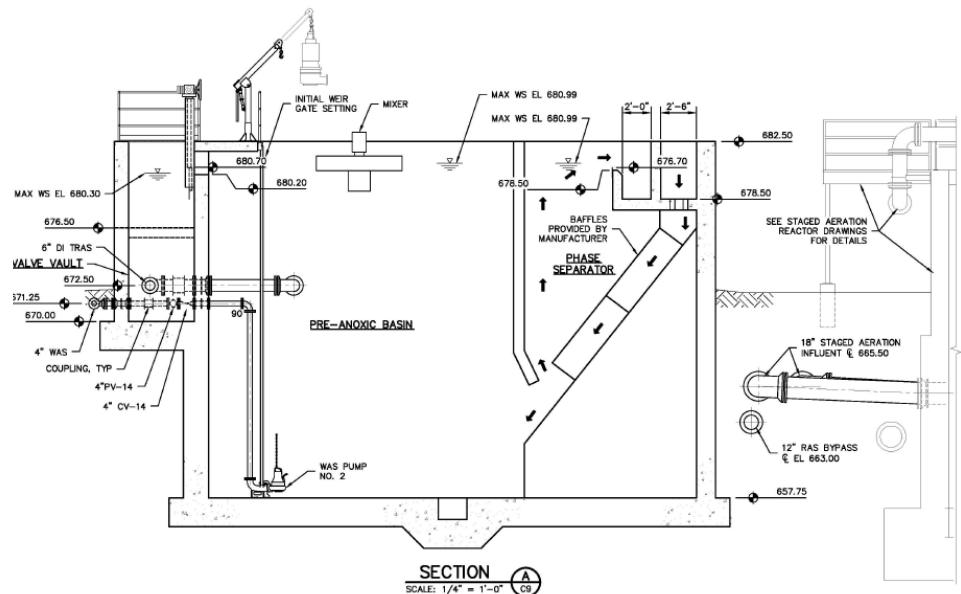
Monticello, IN



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Planview



Section

Installation Profile

Salisbury Township WWTP, PA - Retrofit



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Expansion of an existing activated sludge system to meet new BNR requirements.

Installation Profile



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Salisbury Township WWTP, PA - Retrofit

Avg. Flow 0.58 MGD / Peak Flow 1.16 MGD			
Loading	Design Influent (mg/l)	Design Effluent (mg/l)	Avg. Effluent (mg/l)*
BOD	250	15	2.5
TSS	215	30	4.6
TKN	35	---	2.6
NH3-N	---	1	0.42
Total N	---	6.9	4.5
Total P	6	0.86	0.25

*Based on data from 01/2011 - 04/2012



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