

BANGLADESH GULSHAN LAKE Purification Project



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가치를 ×



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The expert group that makes more values beyond the business.

A young boy in the foreground is drinking water from a tap. He has water on his face and is holding his hands under the stream. In the background, other children are visible, some looking towards the camera with expressions of concern or distress. The scene is set outdoors, likely at a public water source.

BANGLADESH GULSHAN LAKE Purification Project

"No Water!" " No Life! "

"Bad Water" " Bad Life! "

1. BANGLADESH DHAKA GULSHAN LAKE



1. LAKE Informations

- Location : Dhaka City (23°48' N and 90°25' E)
- Length : about 3.8km
- Width : about 140m
- Depth: about 2.5m (2~3m)

2. Water Volume : about 1,330,000m³

3. LAKE Purification Plan : ZONE 1 과 ZONE2 divide

- ZONE 1 (North. Lake) : Bad water condition
- ZONE 2 (South. Lake) :

4. Target water condition ;

- Clear with fish living condition
- No smell with grade # 3~4 water level

* WATER CONDITION SAMPLE

- DO : 6 over
- COD : 80 under
- BOD: 10 under
- T-N : 20 under
- T-P : 4 under

Gulshan Lake

BANGLADESH DHAKA GULSAN LAKE VIEW 1



Gulshan Lake

BANGLADESH DHAKA GULSHAN LAKE VIEW 2



Gulshan Lake

BANGLADESH DHAKA GULSAN LAKE VIEW 3



Gulshan Lake

BANGLADESH DHAKA GULSAN LAKE VIEW 4



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GULSHAN LAKE ZONE 1



1. LAKE Information;
 - Length : about 1.7km
 - Width : about 140m
 - Depth : about 2m
2. Water Volume : 476,000m³
3. Purification Working Time : 5 Month (150 day)
4. Water Purification System Capa. : 100 Ton/day
5. Purification System : 30 Sys.

Gulshan Lake

GULSHAN LAKE ZONE 1 Purification working Plan



** 설치 간격 : 110 M ---

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GULSHAN LAKE ZONE 2



1. LAKE Information;
 - Length : about 2.1km ,
 - Width : about 140m ,
 - Depth : about 3.0m
2. Water Volume: about 882,000m³
3. Purification Working Time : 5 Month (150 day)
4. Water Purification System Capa. : 100 Ton/day
5. Purification System : 60 Sys.
 - Zone 1 system move to Zone 2

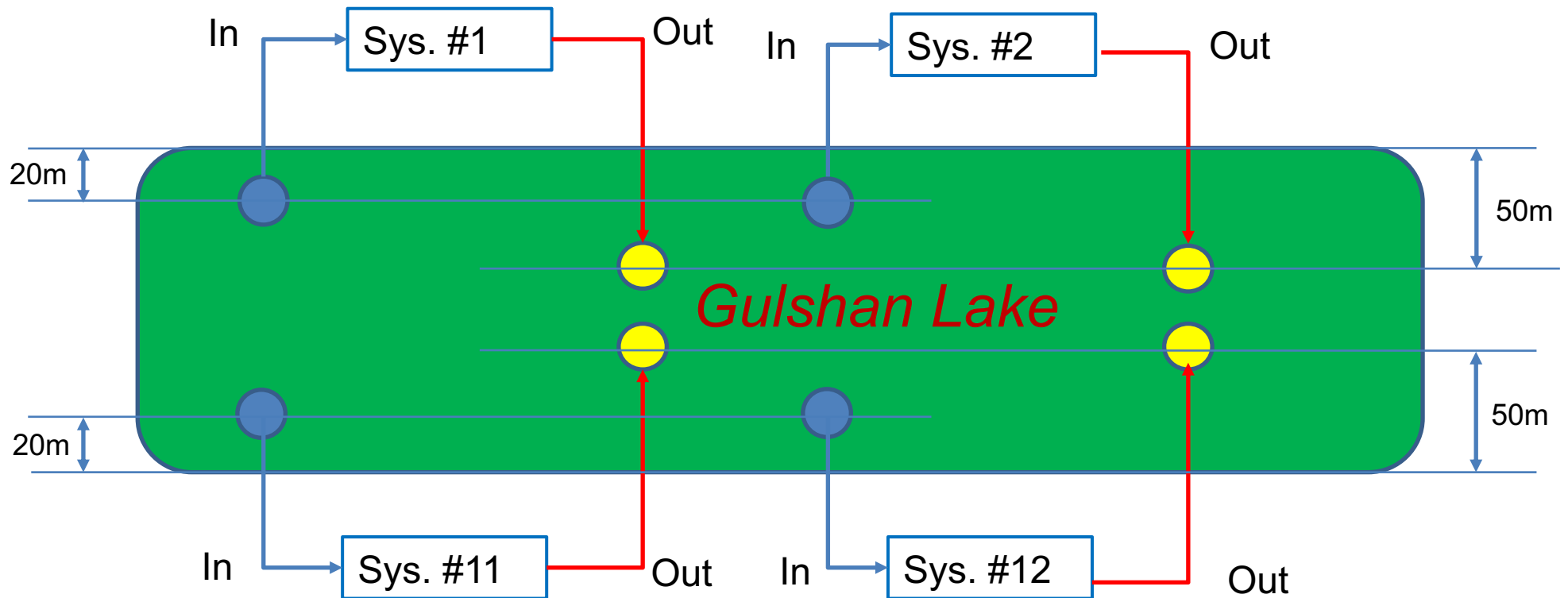
GULSHAN LAKE ZONE 2 Purification Working Plan



** 설치 간격 : 70 M ---

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Purification Working Plan : System setting



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Thank You!!

❖ *Memo : This is sample and basic working plan*



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