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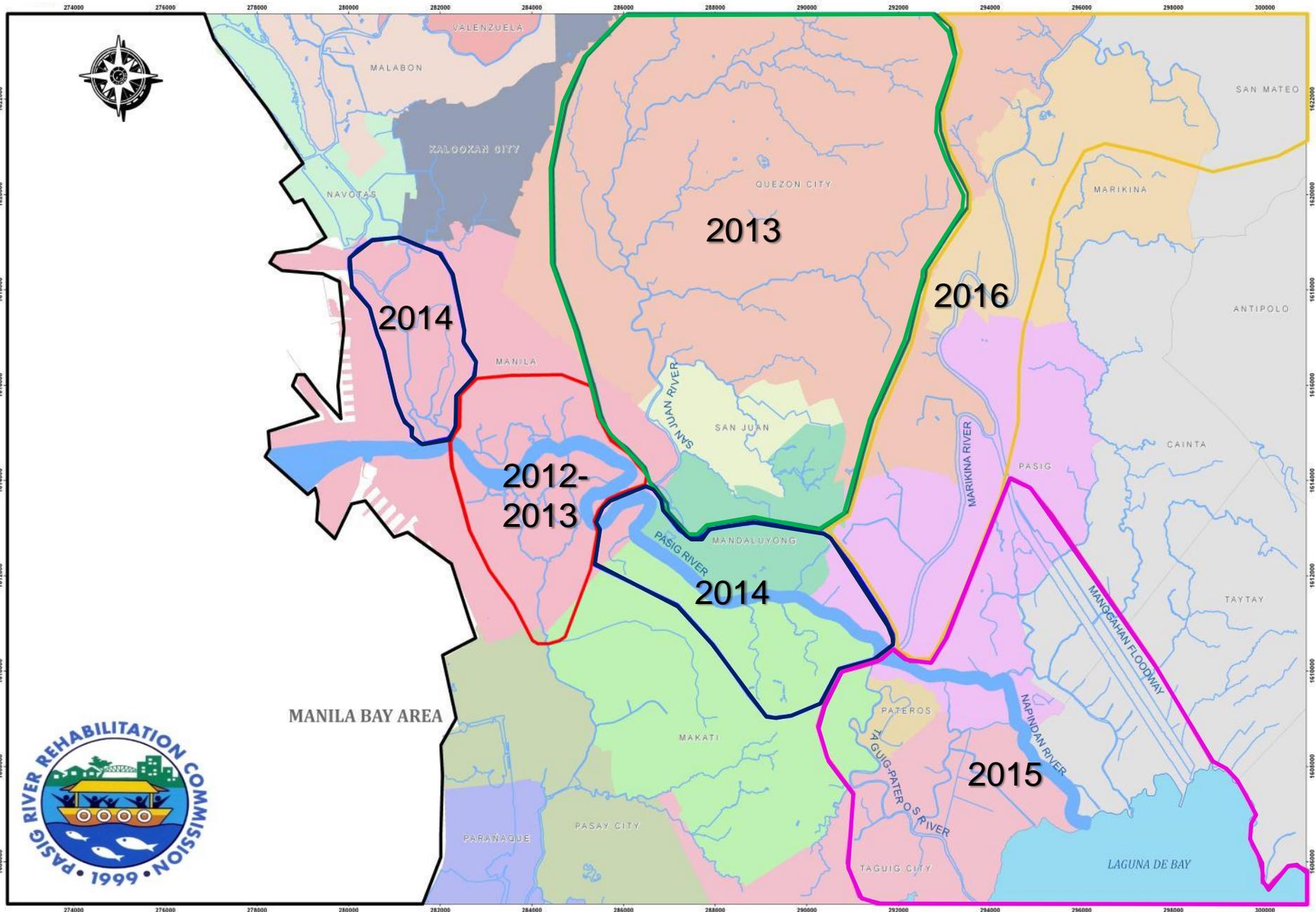
PRESENTER :

City Administrator Ric De Guzman
City Engineer Armando L. Andres

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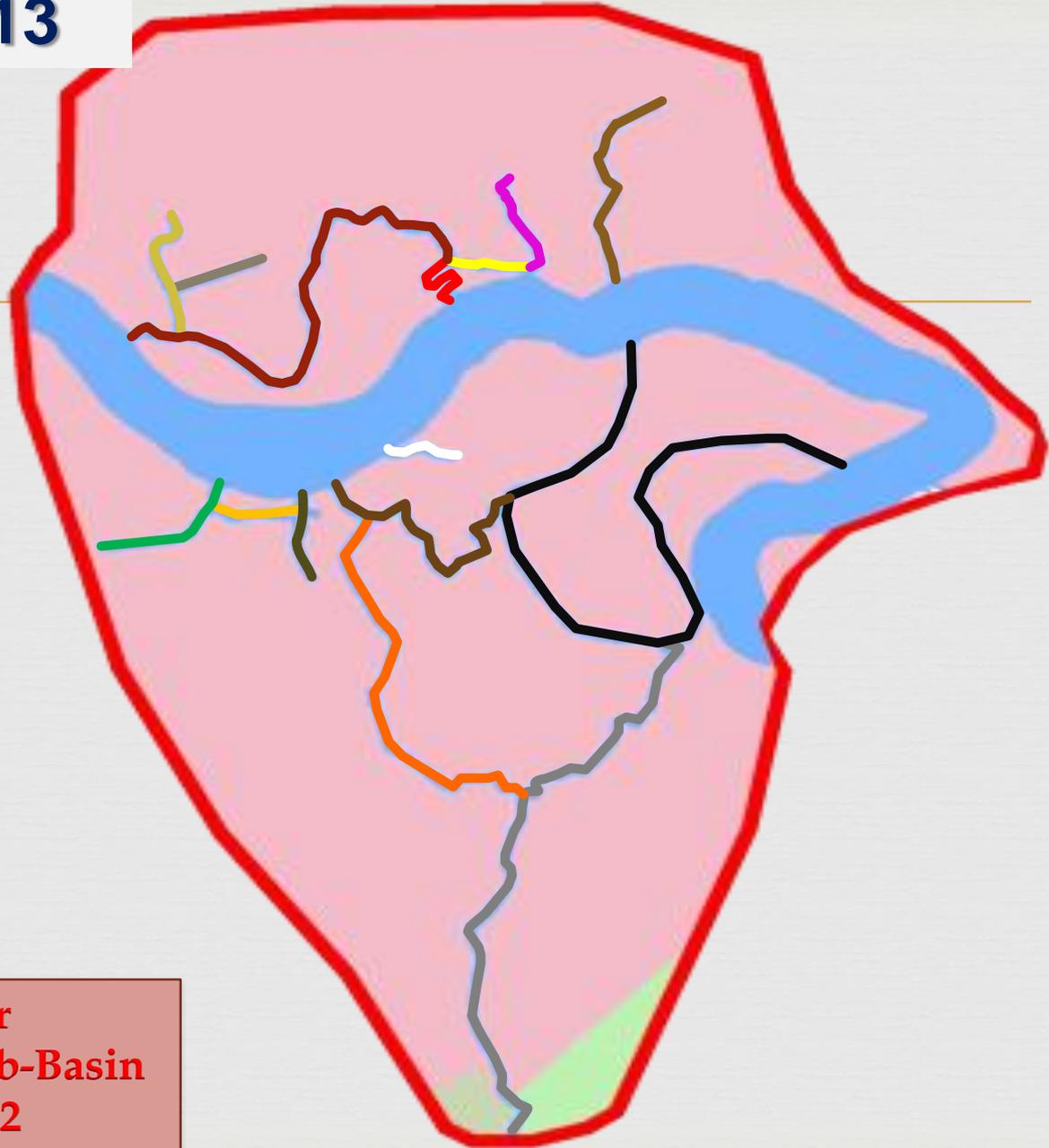
CLUSTERING OF ESTEROS BY CLUSTER

PASIG RIVER SYSTEM



FY2012 - 2013

- Estero De Quiapo
- Estero De San Sebastian
- Estero De San Miguel
- Estero De Uli-Uli
- Estero De Aviles
- Estero De Valencia
- Estero De Paco
- Estero De Sampaloc



**Pasig River
Downstream Sub-Basin
Cluster 1 & 2**



EXISTING CONDITION:



Estero De San Miguel (RMMW-EDSM-01) City of Manila

Length = 2,314 m
Ave. Width = 15.27m
Ave. Depth =
No. of Identified ISF = 1,539

Proposed Development:

1. Dredging / Desilting Works
2. Bank Improvement
3. Floating Active Edge
4. Bioremediation
5. Surface Artificial Island Reactor
6. Linear Park Development

Year of Implementation: **2012**
Estimated Cost: **Php 47,853,355.44**



EXISTING CONDITION:



Estero de Aviles (RMMW-EDAVI-03) City of Manila

Length	=	503.08 m
Ave. Width	=	6.02 m
Ave. Depth	=	
No. of Identified ISF	=	32

Proposed Development:

1. Dredging / Desilting Works
2. Bank Improvement
3. Floating Active Edge
4. Bioremediation
5. Surface Artificial Island Reactor
6. Linear Park Development

Year of Implementation: **2012**

ESTIMATED COST: **PHP 16,150,000.00**



EXISTING CONDITION:



Estero De Uli-Uli (RMMW-EDU-02) City of Manila

Length = 596.83 m

Ave. Width = 8.39 m

Ave. Depth =

No. of Identified ISF = 129

Proposed Development:

1. Dredging / Desilting Works
2. Bank Improvement
3. Floating Active Edge
4. Bioremediation
5. Surface Artificial Island Reactor
6. Linear Park Development

Year of Implementation: 2012

Estimated Cost: **PHP 24,096,000.00**



EXISTING CONDITION:



Estero De Quiapo (RMMW-EDQ-04) City of Manila

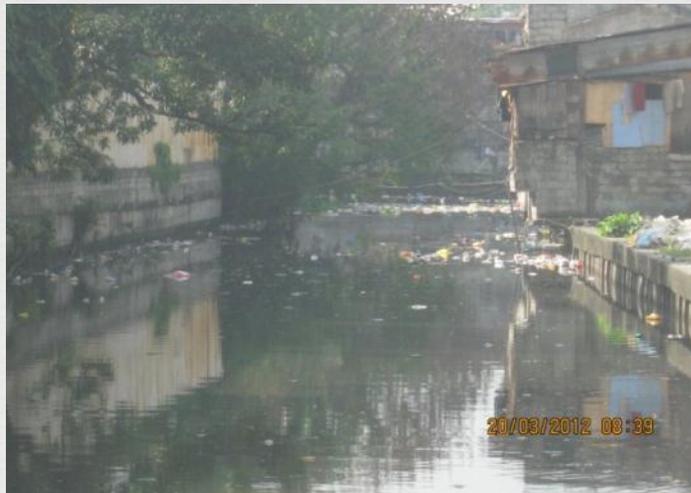
Length = 745.20 m
Ave. Width = 13.71 m
Ave. Depth =
No. of Identified ISF = 426

Proposed Development:

1. Dredging / Desilting Works
2. Bank Improvement
3. Floating Active Edge
4. Bioremediation
5. Surface Artificial Island Reactor
6. Linear Park Development

Year of Implementation: **2012**

Estimated Cost: **PHP 30,181,000.00**



EXISTING CONDITION:



Estero De San Sebastian (RMMW-EDSS-05)

Length	=	377.53 m
Ave. Width	=	10.04 m
Ave. Depth	=	
No. of Identified ISF	=	141

Proposed Development:

1. Dredging / Desilting Works
2. Bank Improvement
3. Floating Active Edge
4. Bioremediation
5. Surface Artificial Island Reactor
6. Linear Park Development

Year of Implementation: **2012**

Estimated Cost: **PHP 14,352,000.00**



EXISTING CONDITION:



Estero De Sampaloc (RMMW-EDSAM-06)

Length = 1,139 m
Ave. Width = 15.90 m
Ave. Depth =
No. of Identified ISF = 82

Proposed Development:

1. Dredging / Desilting Works
2. Bank Improvement
3. Floating Active Edge
4. Bioremediation
5. Surface Artificial Island Reactor
6. Linear Park Development

Year of Implementation: **2012**

Estimated Cost: **PHP 44,272,000.00**



EXISTING CONDITION:



Estero De Valencia (RMMW-EDVAL-07) City of Manila

Length	=	1,121.73 m
Ave. Width	=	7.71 m
Ave. Depth	=	
No. of Identified ISF	=	200

Proposed Development:

1. Dredging / Desilting Works
2. Bank Improvement
3. Floating Active Edge
4. Bioremediation
5. Surface Artificial Island Reactor
6. Linear Park Development

Year of Implementation: **2012**

Estimated Cost: **PHP 44,206,000.00**



Thank you!



**Linisin at Ikarangal ang
Maynila**