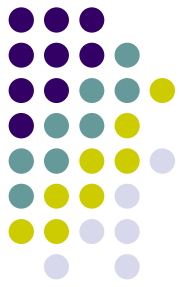


# Bac Ninh Water Supply and Sewerage Company General Data 2007



Prepared by Mr. Hiep - Company Director

# General information



- WSSC is established by the decision No 12/UB of Bac Ninh PPC, dated October 17, 1997
- Business registration No 21.04.000013 was issued by department of planning and investment on December 29<sup>th</sup> 2006
- Operating under business law issued on the decision No 60/2005/QH11 on November 29<sup>th</sup>, 2005



# Main fields of action

- Produce and distribute clean water
- Construct water supply and sewerage system
- Construct voltage system up to 35KV
- Construct remote and urban infrastructures (remote and urban roads, road lights , housing up to second level, canals...)
- Design small and medium scale water supply and sewerage system .



- Manage and operate sewerage and drainage of Bac Ninh City
- **Project Management:**
  - Widen water supply project
  - Lim town water supply project (DBL)-WB
  - Thua town water supply project-USAID
  - Wastewater treatment and sewerage in Bac Ninh city (KFW)

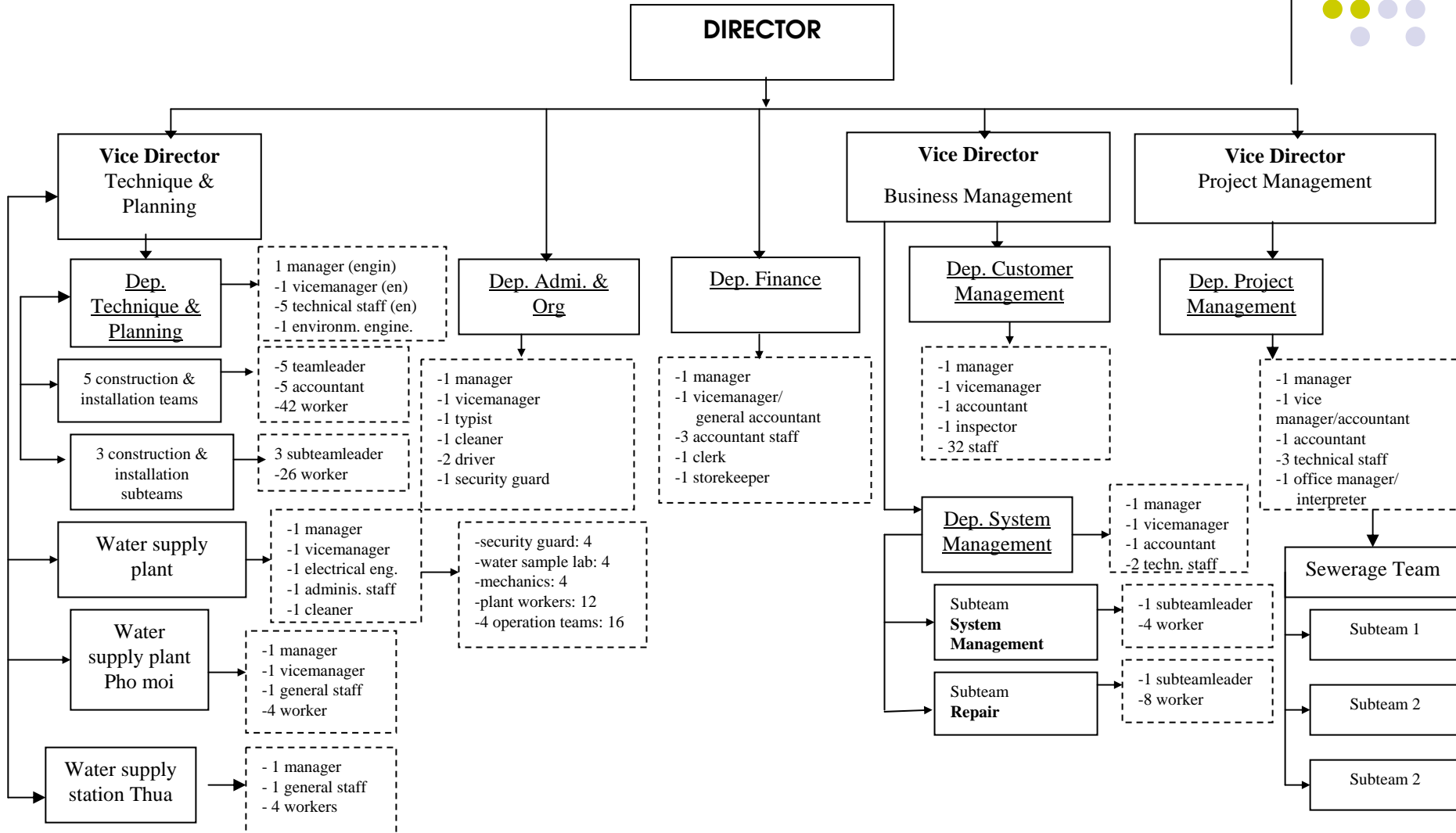
# Organizational Structure

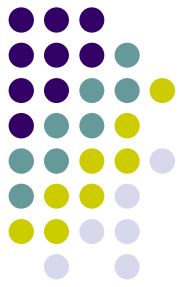


- Consisting of 9 departments
  - 1- Department of Technical and Planning
  - 2- Department of Administration and Personnel
  - 3- Department of Finance
  - 4- Department of Customer Management
  - 5- Bac Ninh Water Supply plant
  - 6- Department of Water Supply and Sewerage Projects Management
  - 7- Pho Moi Water Supply Station
  - 8- Department of System Management
  - 9- Thua Town Water Supply Station ( Luong Tai District)

# Company Structure

## Bac Ninh Water SUPPLY and Sewerage company 2007





# Number of staff

- Total staff: 287 people
  - Engineers and bachelor staff : 53
  - Junior college graduated : 15
  - Technical worker : 147
  - Simple labors : 72

Total of female staff : 73

Total of male staff : 214



# Current performances of company

## A- Produce and distribute water

- - Manage and operate Bac Ninh water supply plant with capacity of 16.000 c/d
- -Manage and operate Pho Moi water supply station with capacity of 1.200 c/d
- - Manage and operate water supply system with the total length nearly 200 km ( D 32mm-500mm)
- -Customer management of more than 21.000 customers

# Current performances of company



## B- Project management

- Wide - open water supply project, upgrading capacity to 16.000c/d (Total investment: about 30 billion VND)
- Lim water supply project with capacity of 1.200c/d ( Total investment: CHF1.088.000)
- Bac Ninh City wastewater sewerage and treatment project with capacity of 20.000c/d  
(Total investment: EUR16 million)

# Current performances of company



## C- Construction and installation

( *Typical projects* )

- Bac Ninh city water supply system
- Infrastructure of Ngoc Lan II - lake, Kinh Bac, remote water supply projects
- Head office of Luong Tai, Yen Phong tax branch
- Infrastructure of Thi Cau resettlement, urban streets...

# Current performances of company



## D- Water sewerage system management

*(Wastewater / sewerage system is handed over to the company from Bac Ninh urban environment company under decision No 179/QD-CT on January 31<sup>st</sup>, officially transferred from June 1<sup>st</sup>, 2005)*

- Manage, operate, dredge, maintain more than 30km of sewerage pipes with length of more than 30 km, 52 lines with D400-1500mm, 1500 manholes.

# Annual turnover (Billion VND)



No	Year	Total Detail	Turnover from water	Turnover from construction
1	2000	8.943	1.969	6.974
2	2001	10.057	2.834	7.222
3	2002	12.695	3.560	9.135
4	2003	19.437	5.437	14.000
5	2004	20.150	6.150	14.000
6	2005	22.000	9.000	13.000
7	2006	26.000	10.000	16.000

# Number of customers and loss ratio



No	Year	Number of customers	Loss ratio(%)
1	2000	9.947	30,7
2	2001	12.500	28,9
3	2002	13.625	27
4	2003	15.699	26,84
5	2004	16.930	24,97
6	2005	18.500	21
7	2006	22600	20

# Bac Ninh water plant



# Pictures of Bac Ninh water treatment plan



# Circle of treatment



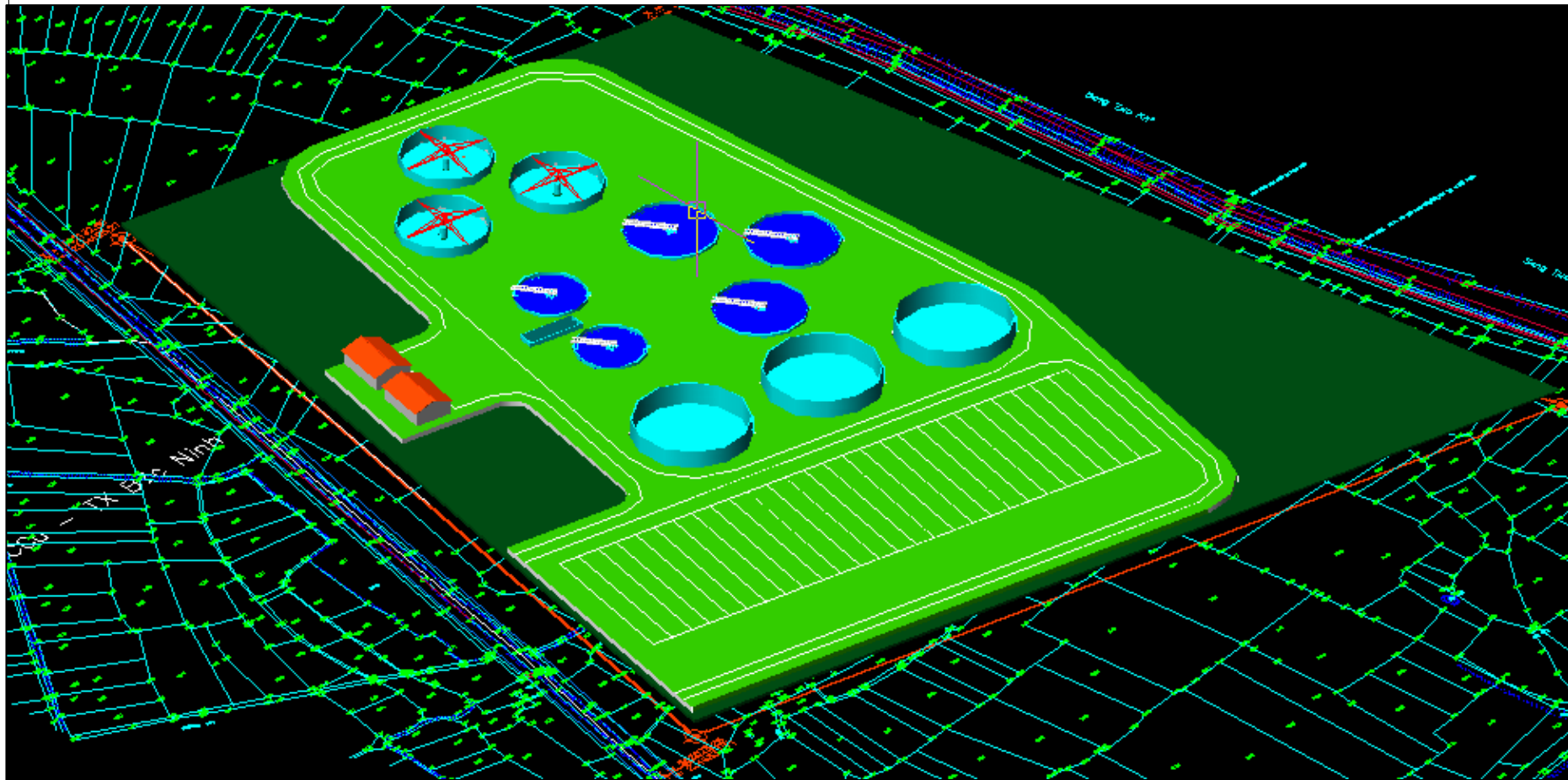
# WASTE WATER - SEWERAGE SYSTEM



Prepared by Mr. Hiep - Company Director

# New design wastewater treatment plan

## Sludge Treatment





# Thua town water supply station- Luong Tai district



# Pho Moi water supply station – Que Vo

