

People Engaged • Places Defined • Progress Driven

Official Plan officiel

Une collectivité qui s'engage • Un plan précis • La route du progrès

City of Greater Sudbury

Infrastructure Background Study

CHELMSFORD

Capacity Review

Infrastructure	Existing Condition	Natural Increase	In-Migration (2004-2024)	High In-Migration (2004-2024)
CHELMSFORD				
Chelmsford W.W.T.P.	●	●	●	●
Chelmsford Sanitary Lagoon	●	●	●	●
Sanitary Collection System	●	●	●	●
Main L.S.	●	●	●	●
Belanger L.S.	●	●	●	●
Charette L.S.	●	●	●	●
Radisson L.S.	●	●	●	●
Brookside L.S.	●	●	●	●
Whitson L.S.	●	●	●	●
Hazel L.S.	●	●	●	●
Keith L.S.	●	●	●	●
Azilda				
Azilda W.W.T.P.	●	●	●	●
Sanitary Collection System	●	●	●	●
Principal L.S.	●	●	●	●
Marier L.S.	●	●	●	●
Maple L.S.	●	●	●	●
Landry L.S.	●	●	●	●
Laurier L.S.	●	●	●	●

LEGEND

- Water Facilities**
 - Water Storage Tank
 - Booster Station
 - Well Pumphouse
 - Water Distribution System
- Wastewater Facilities**
 - Wastewater Treatment Plant
 - Sanitary Lagoon
 - Lift Station
 - Sanitary Collection System
- SUBDIVISION**
 - Designated Residential Lands for development as per existing Official Plan.
 - Priority Land - (S) for Sewer (W) for Water
 - # - Number of priority

AZILDA

NOTE

DENNIS CONSULTANTS
CIVIL ENGINEERS
a division of R. V. Anderson Associates Limited

DATE: JUNE 14/04
BY: S.N.S.
REVISIONS: PRELIMINARY RESULTS ISSUED FOR PUBLIC MEETINGS
REVISED FINAL REPORT

Greater Sudbury

INFRAStructure CONSTRAINTS

DRAWN BY: G.V. DATE: JUNE 2004 SCALE: N.T.S. FIGURE 4.3.2

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NOTE:
City Purchase Potable
Water from Inco
Qty: 22727m³ (max.)

**Levack
New Well Fields**
Rated Plant Capacity - 3,110 m³

LEVACK

Deep Well #3
INCO

Deep Wells #1&2
INCO

Levack (INCO)
Water Storage
Tank #1
579m³

Levack Fluoride
Building
#4401

Onaping River Receiving
Stream for Levack W.W.T.P.
Pump House

ONAPING

Fraser
Lift Station #45
Pert. #3401

**Onaping (Falconbridge)
Well Field**
Rated Plant Capacity - 6,540 m³

Onaping Water Tank
(Falconbridge)
1155m³

FALCO
Wickwas
Well #1&2

NOTE:
City Purchase Potable
Water from Falconbridge
Qty: 22537m³ (max.)

DOWLING

**Dowling Wastewater
Treatment Plant #2404**
Rated Plant Capacity
3,200 m³/day

Dowling Well Field
Rated Plant Capacity - 7,274m³

Lionel
Lift Station #70

Onaping River Receiving
Stream for Dowling W.W.T.P.

Lionel Well
#7401

Riverside Well
#7402

Dowling Elevated Storage Tank
#6401 (1391m³)

Infrastructure	Capacity Review			
	Existing Condition	Natural Increase	In-Migration (2004-2024)	High In-Migration (2004-2024)
LEVACK				
Levack W.W.T.P.	●	●	●	●
Levack Wells Fields	●	●	●	●
Onaping Wells Fields	●	●	●	●
Sanitary Collection System	●	●	●	●
Fraser L.S.	●	●	●	●
DOWLING				
Dowling W.W.T.P.	●	●	●	●
Dowling Wells Fields	●	●	●	●
Sanitary Collection System	●	●	●	●
Lionel L.S.	●	●	●	●
Lift Station (Dowling W.W.T.P.)	●	●	●	●
Capacity - No Constraint	●			
Capacity - Marginal	●			
Capacity - Failed	●			

LEGEND

Water Facilities

- Water Storage Tank
- Booster Station
- Well Pump House
- Water Distribution System

SUBDIVISION

PL-S&W
#19

Wastewater Facilities

- Wastewater Treatment Plant
- Sanitary Lagoon
- Lift Station
- Sanitary Collection System

Subdivision Activity Data
Designated Lands for development as per existing Official Plan.
Priority Land - (S) for Sewer (W) for Water
- Number of priority

Capacity Review				
Infrastructure	Existing Condition	Natural Increase	In-Migration (2004-2024)	High In-Migration (2004-2024)
FALCONBRIDGE				
Falconbridge W.W.T.P.	●	●	●	●
Falconbridge Well Field	●	●	●	●
Sanitary Collection System	●	●	●	●
GARSON				
Garson Sewage Lagoons	●	●	●	●
Garson Well Field	●	●	●	●
Sanitary Collection System	●	●	●	●
O'Neil L.S.	●	●	●	●
Penman L.S.	●	●	●	●
Gar-Con L.S.	●	●	●	●
CONISTON				
Coniston W.W.T.P.	●	●	●	●
Sanitary Collection System	●	●	●	●
Edward L.S.	●	●	●	●
Government L.S.	●	●	●	●
WAHNAPITAE				
Wahnapitae Sewage Lagoon	●	●	●	●
Wanapitel W.T.P.	●	●	●	●
Sanitary Collection System	●	●	●	●
Riverside L.S.	●	●	●	●
Capacity - No Constraint	●			
Capacity - Marginal	●			
Capacity - Failed	●			

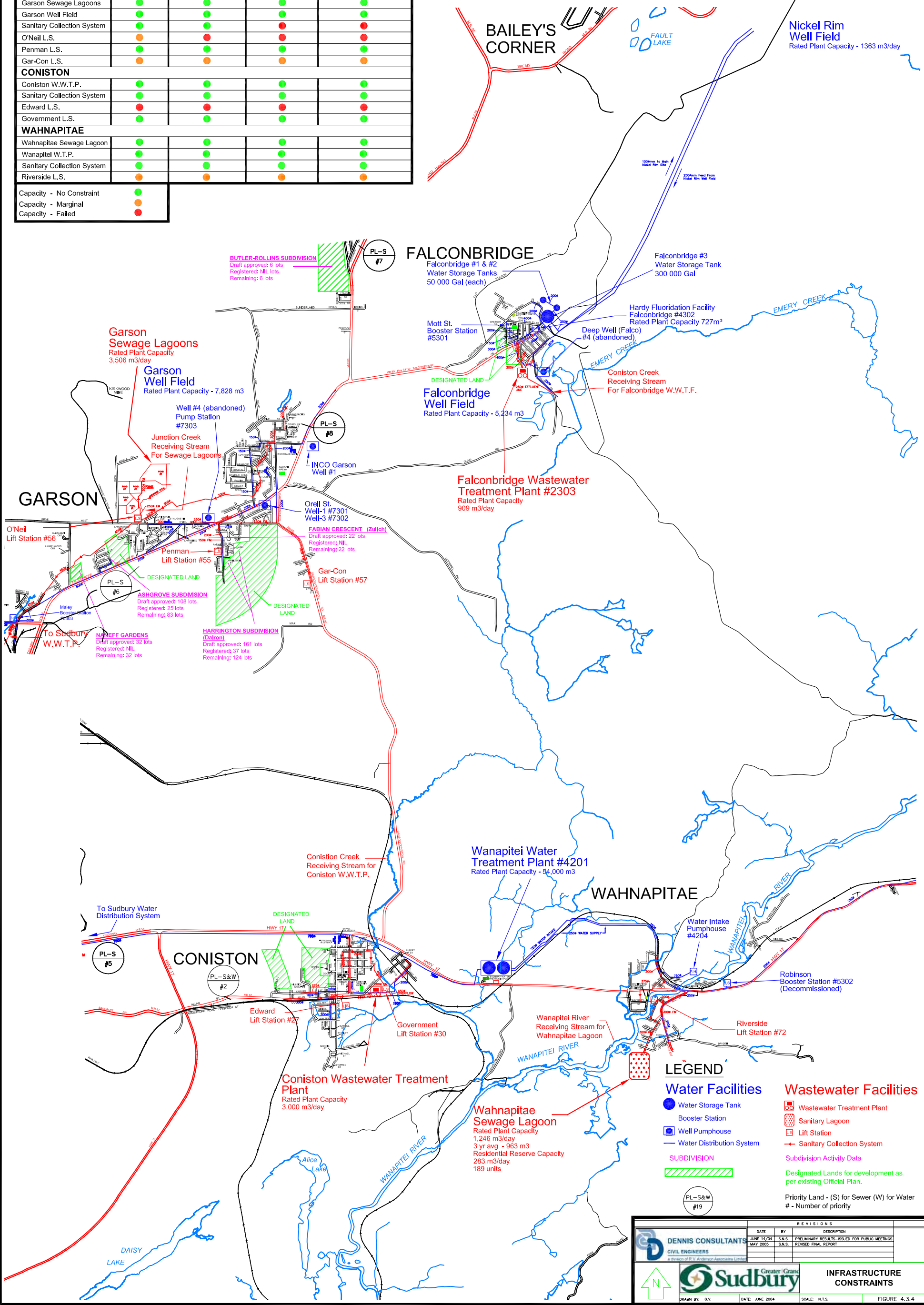
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Capacity Review				
Infrastructure	Existing Condition	Natural Increase	In-Migration (2004-2024)	High In-Migration (2004-2024)
COPPER CLIFF				
Copper Cliff W.W.T.P.	●	●	●	●
Sanitary Collection System	●	●	●	●
Nickel L.S.	●	●	●	●
Orford Street L.S.	●	●	●	●
LIVELY				
Lively W.W.T.P.	●	●	●	●
Vermillion W.T.P.	●	●	●	●
Sanitary Collection System	●	●	●	●
Anderson L.S.	●	●	●	●
WALDEN				
Walden W.W.T.P.	●	●	●	●
Sanitary Collection System	●	●	●	●
Magill L.S.	●	●	●	●
Vagnini L.S.	●	●	●	●
Jacob L.S.	●	●	●	●
Simon Lk. East L.S.	●	●	●	●
Simon Lk. East L.S.	●	●	●	●
Oja L.S.	●	●	●	●
Capacity - No Constraint	●			
Capacity - Marginal	●			
Capacity - Failed	●			

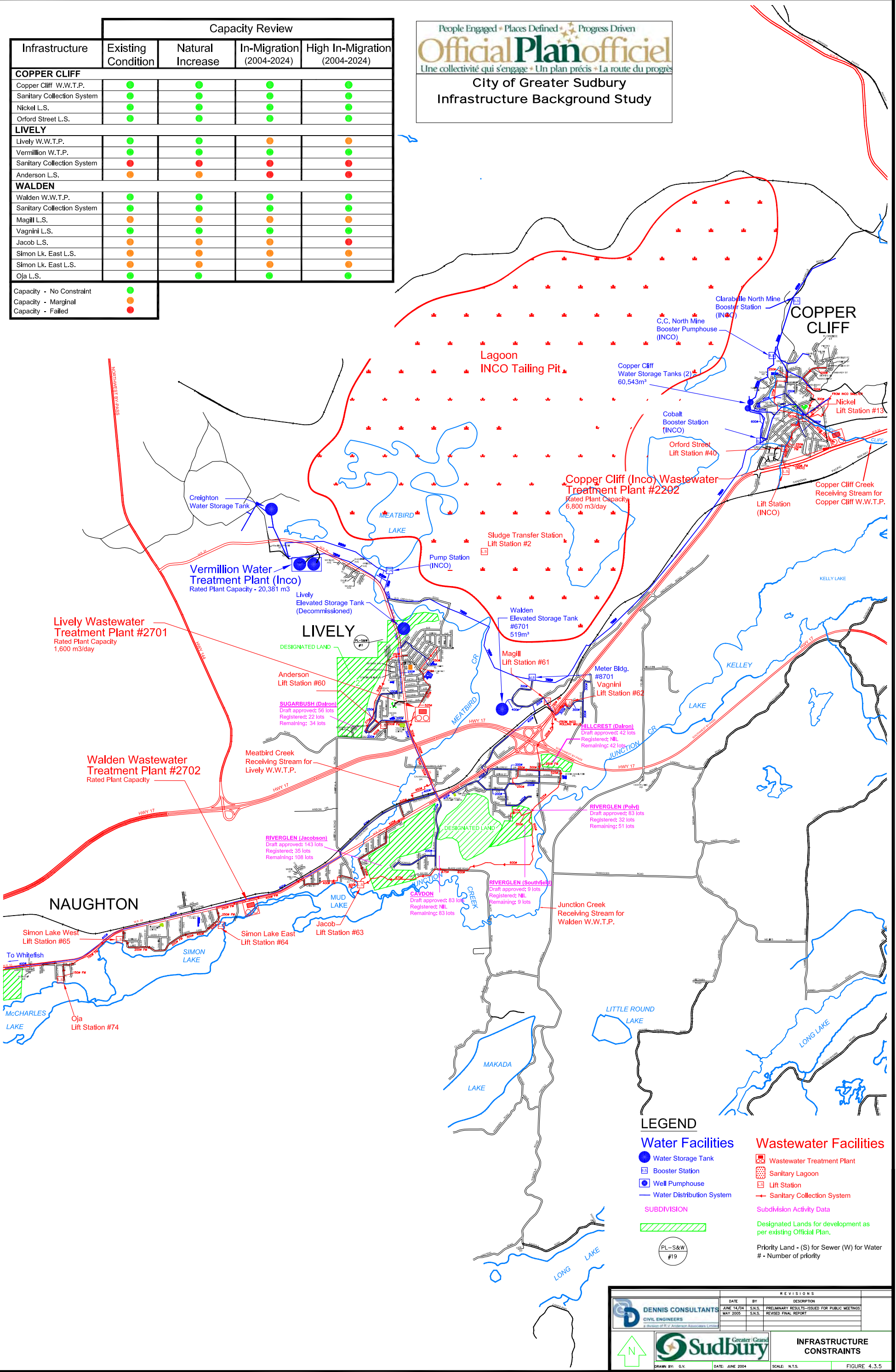
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DESCRIPTION
PRELIMINARY RESULTS - ISSUED FOR PUBLIC MEETINGS
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INFRASTRUCTURE CONSTRAINTS

DRAWN BY: G.V. DATE: JUNE 2004 SCALE: N.T.S. FIGURE 4.3.5