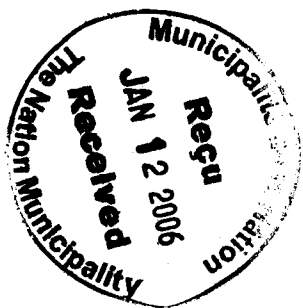




Ontario Clean Water Agency
Agence Ontarienne Des Eaux

2005 Client Monthly Operations Report The Nation Municipality

Limoges Sewage

Réunion Conseil
Council Mtg
16/01/06
D M YR
Action Reporte
Clerk
Greffier MM

Facility Description

Hub Name: Alfred Hub
 Facility Type: Municipal
 Classification: Class 2 Wastewater Collection, Class 1 Wastewater Treatment
 Title Holder: Municipality
 Operation Status: OCWA
 Operator Manager: Jacques Breen, (613) 679-4631
 Asst. Ops. Mgr. Harold Wilkinson, (613) 679-4631
 Client Service Rep. John Kingsbury, (613) 774-3663
 Capacity(m3/d): 1073
 Service Area: Village of Limoges
 Service Population: 2500
 Inservice Date: 2001

Operational Description:

Sewage Pumping Station No. 1 consists of a dry/wet well station, housing two (2) 51.9 L/s pumps and a standby diesel generator. Sewage Pumping Station No. 2 consists of a wet well with two (2) 7.25 L/s submersible pumps and a mixer. Sewage Pumping Station No. 3 consists of a wet well with two (2) 7.5 L/s submersible pumps and a mixer. Sewage Pumping Station No. 4 consists of a wet well with two (2) 4.8 L/s submersible pumps and a mixer. Sewage Treatment consists of a two-cell waste stabilization pond rated at 1073 m3/d average day flow, having a total volume of approximately 227,330 m3, an alum injection system, aeration to eliminate hydrogen sulphide gases, two (2) air blowers, a hydrograph controlled release system and an effluent outfall diffuser in Castor River.

Treatment Processes

Major Process:	Aerated cell
Phosphorus Removal:	Continuous
Additional Treatment:	
Discharge Mode:	Regulated discharge volume
Effluent Disinfection Practice:	No Disinfection
Sludge Stabilization:	
Sludge Disposal:	

Performance Data and Compliance

Influent Flow Data		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Limit
Avg Day Raw Flow m3	Avg	433.65	385.25	437.13	705.53	531.61	513.83	416.17	355.32	359.13	415.97	505.80	514.06	
Max Day Raw Flow m3	Max	455.00	401.00	893.00	893.00	749.00	699.00	445.00	382.00	391.00	509.00	581.00	601.00	
Tot Month Raw Flow m3	Total	13,443.00	10,787.00	13,551.00	21,166.00	16,480.00	15,415.00	12,485.00	11,015.00	10,774.00	12,895.00	15,174.00	15,936.00	
Influent Quality		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Limit
BOD5/CBOD5 (mg/L)	Avg	101.00	128.00	136.00	56.00	130.00	105.00	153.00	211.00	125.00	131.00	12.00	63.00	
SS (mg/L)	Avg	104.00	371.00	154.00	11.00	100.00	70.00	176.00	156.00	124.00	76.00	64.00	172.00	
TP (mg/L)	Avg	2.98	2.66	4.46	0.91	3.94	2.50	3.82	4.06	2.89	3.64	1.56	1.73	
Treated Flow Data		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Limit
Avg Day Final Eff Flow m3	Avg			9,799.67	7,449.46						8,052.93	3,918.64		
Max Day Final Eff Flow m3	Max			11,387.50	8,862.75						8,588.00	7,563.00		
Tot Month Final Eff Flow	Total			29,399.00	111,741.93						120,794.00	54,861.00		
Treated Quality		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Limit
BOD5/CBOD5 (mg/L)	Avg			10.00	15.25						5.00	4.00		
SS (mg/L)	Avg			16.00	30.00						18.33	31.00		
TP (mg/L)	Avg			0.29	0.28						0.11	0.26		



Ontario Clean Water Agency
Agence Ontarienne Des Eaux

2005 Client Monthly Operations Report The Nation Municipality

Limoges Sewage

Réunion Conseil 21/11/05
Council Mtg 21/11/05
Action reports
Clerk mp
Treasurer mp

Facility Description

Hub Name:	Alfred Hub
Facility Type:	Municipal
Classification	Class 2 Wastewater Collection, Class 1 Wastewater Treatment
Title Holder:	Municipality
Operation Status:	OCWA
Operator Manager:	Jacques Breen, (613) 679-4631
Asst. Ops. Mgr.	Harold Wilkinson, (613) 679-4631
Client Service Rep	John Kingsbury, (613) 774-3663
Capacity(m3/d):	1073
Service Area:	Village of Limoges
Service Population:	2500
Inservice Date:	2001

Operational Description:

Sewage Pumping Station No. 1 consists of a dry/wet well station, housing two (2) 51.9 L/s pumps and a standby diesel generator. Sewage Pumping Station No. 2 consists of a wet well with two (2) 7.25 L/s submersible pumps and a mixer. Sewage Pumping Station No. 3 consists of a wet well with two (2) 7.5 L/s submersible pumps and a mixer. Sewage Pumping Station No. 4 consists of a wet well with two (2) 4.8 L/s submersible pumps and a mixer. Sewage Treatment consists of a two-cell waste stabilization pond rated at 1073 m3/d average day flow, having a total volume of approximately 227,330 m3, an alum injection system, aeration to eliminate hydrogen sulphide gases, two (2) air blowers, a hydrograph controlled release system and an effluent outfall diffuser in Castor River.

Treatment Process

Major Process:	Aerated cell
Phosphorus Removal:	Continuous
Additional Treatment:	
Discharge Mode:	Regulated discharge volume
Effluent Disinfection Practice:	No Disinfection
Sludge Stabilization:	
Sludge Disposal:	

14.1 (vi)



2005 Client Monthly Operations Report
The Nation Municipality
Limoges Sewage

Réunion Conseil 22/08/05
Council Mtg D M YR
Action: reports
Clerk: MPH
Greffier: MPH



Facility Description

Hub Name:	Alfred Hub
Facility Type:	Municipal
Classification:	Class 2 Wastewater Collection, Class 1 Wastewater Treatment
Title Holder:	Municipality
Operation Status:	OOWA
Operator Manager:	Jacques Breen, (613) 679-4631
Asst. Ops. Mgr:	Harold Wilkinson, (613) 679-4631
Client Service Rep	John Kingsbury, (613) 774-3663
Capacity(m3/d):	1073
Service Area:	Village of Limoges
Service Population:	2500
Inservice Date:	2001

Operational Description:

Sewage Pumping Station No. 1 consists of a dry/wet well station, housing two (2) 51.9 L/s pumps and a standby diesel generator. Sewage Pumping Station No. 2 consists of a wet well with two (2) 7.25 L/s submersible pumps and a mixer. Sewage Pumping Station No. 3 consists of a wet well with two (2) 7.5 L/s submersible pumps and a mixer. Sewage Pumping Station No. 4 consists of a wet well with two (2) 4.8 L/s submersible pumps and a mixer. Sewage Treatment consists of a two-cell waste stabilization pond rated at 1073 m3/d average day flow, having a total volume of approximately 227,330 m3, an alum injection system, aeration to eliminate hydrogen sulphide gases, two (2) air blowers, a hydrograph controlled release system and an effluent outfall diffuser in Castor River.

Treatment Process

Major Process:	Aerated cell
Phosphorus Removal:	Continuous
Additional Treatment:	
Discharge Mode:	Regulated discharge volume
Effluent Disinfection Practice:	No Disinfection
Sludge Stabilization:	
Sludge Disposal:	



2005 Client Monthly Operations Report The Nation Municipality

Limoges Sewage



Réunion Conseil 16 10505
Council Mtg 0 1 M 1 YR
Action reports
Clerk MM
Greiffier MM

Facility Description

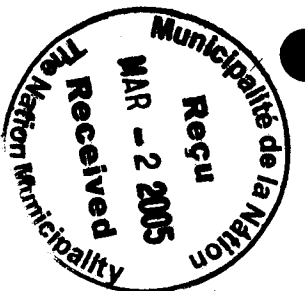
Hub Name: Alfred Hub
Facility Type: Municipal
Classification: Class 2 Wastewater Collection, Class 1 Wastewater Treatment
Title Holder: Municipality
Operation Status: OCWA
Operator Manager: Jacques Breen, (613) 679-4631
Ast. Ops. Mgr. Harold Wilkinson, (613) 679-4631
Client Service Rep John Kingsbury, (613) 774-3663
Capacity(m3/d): 1073
Service Area: Village of Limoges
Service Population: 2500
Inservice Date: 2001

Operational Description:

Treatment Process

Major Process:	Aerated cell
Phosphorus Removal:	Continuous
Additional Treatment:	
Discharge Mode:	Regulated discharge volume
Effluent Disinfection Practice:	No Disinfection
Sludge Stabilization:	
Sludge Disposal:	

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Ontario Clean Water Agency
Agence Ontarienne Des Eaux

2005 Client Monthly Operations Report The Nation Municipality

Limoges Sewage

Réunion Conseil

Council Mtg

14/03/05
D M YR

Action

Reports

Clerk

Greffier

MM

Facility Description

Hub Name: Alfred Hub
Facility Type: Municipal
Classification: Class 2 Wastewater Collection, Class 1 Wastewater Treatment
Title Holder: Municipality
Operation Status: OCWA
Operator Manager: Jacques Breen, (613) 679-4631
Asst. Ops. Mgr. Harold Wilkinson, (613) 679-4631
Client Service Rep John Kingsbury, (613) 774-3663
Capacity(m3/d): 1073
Service Area: Village of Limoges
Service Population: 2500
Inservice Date: 2001

Operational Description:

Treatment Process

Major Process:	Aerated cell
Phosphorus Removal:	Continuous
Additional Treatment:	
Discharge Mode:	Regulated discharge volume
Effluent Disinfection Practice:	No Disinfection
Sludge Stabilization:	
Sludge Disposal:	

[illegible]



Ontario Clean Water Agency
Agence Ontarienne Des Eaux

2004 Client Monthly Operations Report The Nation Municipality

Limoges Sewage

Réunion Conseil
Council Mtg 14/02/05
D M YR

Action Reports
Clerk MPH
Greiffier MPH

Facility Description

Hub Name:	Alfred Hub
Facility Type:	Municipal
Classification	Class 2 Wastewater Collection, Class 1 Wastewater Treatment
Title Holder:	Municipality
Operation Status:	OCWA
Operator Manager:	Jacques Breen, (613) 679-4631
Ast. Ops. Mgr.	Harold Wilkinson, (613) 679-4631
Client Service Rep	John Kingsbury, (613) 774-3663
Capacity(m3/d):	1073
Service Area:	Village of Limoges
Service Population:	2500
Inservice Date:	2001

Operational Description:

Treatment Process

Major Process:	Aerated cell
Phosphorus Removal:	Continuous
Additional Treatment:	
Discharge Mode:	Regulated discharge volume
Effluent Disinfection Practice:	No Disinfection
Sludge Stabilization:	
Sludge Disposal:	

Performance Data and Compliance

Influent Flow Data		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Limit
Avg Raw Flow (m3/d)	Avg	401.84	346.14	439.19	487.40	441.45	384.23	369.84	374.74	413.20	349.42	367.70	412.61	0.00
Max Raw Flow (m3/d)	Max	459.00	392.00	523.00	513.00	504.00	409.00	386.00	423.00	622.00	367.00	444.00	455.00	0.00
Total Raw Flow (m3/d)	Total	12,457.00	10,038.00	13,615.00	14,622.00	13,685.00	11,527.00	11,465.00	11,617.00	12,396.00	10,832.00	11,031.00	12,791.00	0.00
Influent Quality		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Limit
BOD5/CBOD5 (mg/L)	Avg	90.00	281.00	127.00	99.00	107.00	77.00	144.00	154.00	79.00	152.00	165.00	84.00	0.00
SS (mg/L)	Avg	136.00	260.00	128.00	116.00	196.00	200.00	96.00	110.00	64.00	88.00	120.00	56.00	0.00
TP (mg/L)	Avg	2.28	1.83	3.48	2.30	2.78	2.85	3.33	151.00	1.63	1.90	2.78	2.30	0.00
Treated Flow Data		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Limit
AVG Final Eff. Flow m3/d	Avg			2,070.94	4,239.76						4,842.92			0.00
Max Final Eff. Flow m3/d	Max			8,835.00	7,970.00						7,318.00			0.00
Total Final Eff Flow m3/d	Total			35,206.00	93,274.75						140,444.80			0.00
Treated Quality		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Limit
BOD5/CBOD5 (mg/L)	Avg			6.50	10.33						5.00	0.00		0.00
SS (mg/L)	Avg			10.50	14.33						7.25	7.00		0.00
TP (mg/L)	Avg			0.43	0.20						0.11	0.13		0.00

Comments

<Operation Highlights>

[01/01/2004] Started aeration blowers at the lagoon site.

[03/09/2004] Preliminary samples collected.

[03/17/2004] Started lagoon discharge of Cell #2.

[04/22/2004] Last Day of the Semi-Annual Lagoon discharge. All 5 sets of samples have been collected.

[11/03/2004] Last Day of Semi-Annual Lagoon Discharge. Total Volume Discharged = 151401m3



Ontario Clean Water Agency
Agence Ontarienne Des Eaux

2004 Client Monthly Operations Report The Nation Municipality

Limoges Sewage

Réunion Conseil

Council Mtg 24/01/05
0 M YR

Action

Clerk

Greffier

Reporte
MPR



Facility Description

Hub Name:	Alfred Hub
Facility Type:	Municipal
Classification	Class 2 Wastewater Collection, Class 1 Wastewater Treatment
Title Holder:	Municipality
Operation Status:	OCWA
Operator Manager:	Jacques Breen, (613) 679-4631
Asst. Ops. Mgr.	Harold Wilkinson, (613) 679-4631
Client Service Rep	John Kingsbury, (613) 774-3663
Capacity(m3/d):	1073
Service Area:	Village of Limoges
Service Population:	2500
Inservice Date:	2001

Operational Description:

Treatment Process

Major Process:	Aerated cell
Phosphorus Removal:	Continuous
Additional Treatment:	
Discharge Mode:	Regulated discharge volume
Effluent Disinfection Practice:	No Disinfection
Sludge Stabilization:	
Sludge Disposal:	

Performance Data and Compliance

Influent Flow Data		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Limit
Avg Raw Flow (m3/d)	Avg	401.84	346.14	439.19	487.40	441.45	384.23	369.84	374.74	413.20	349.42	367.70		0.00
Max Raw Flow (m3/d)	Max	459.00	392.00	523.00	513.00	504.00	409.00	386.00	423.00	622.00	367.00	444.00		0.00
Total Raw Flow (m3/d)	Total	12,457.00	10,038.00	13,615.00	14,622.00	13,685.00	11,527.00	11,465.00	11,617.00	12,396.00	10,832.00	11,031.00		0.00
Influent Quality		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Limit
BOD5/CBOD5 (mg/L)	Avg	90.00	281.00	127.00	99.00	107.00	77.00	144.00	154.00	79.00	152.00	165.00		0.00
SS (mg/L)	Avg	136.00	260.00	128.00	116.00	196.00	200.00	96.00	110.00	64.00	88.00	120.00		0.00
TP (mg/L)	Avg	2.28	1.83	3.48	2.30	2.78	2.85	3.33	151.00	1.63	1.90	2.78		0.00
Treated Flow Data		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Limit
AVG Final Eff. Flow m3/d	Avg			2,070.94	4,239.76						4,842.92			0.00
Max Final Eff. Flow m3/d	Max			8,835.00	7,970.00						7,318.00			0.00
Total Final Eff Flow m3/d	Total			35,206.00	93,274.75						140,444.80			0.00
Treated Quality		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Limit
BOD5/CBOD5 (mg/L)	Avg			6.50	10.33						5.00	0.00		0.00
SS (mg/L)	Avg			10.50	14.33						7.25	7.00		0.00
TP (mg/L)	Avg			0.43	0.20						0.11	0.13		0.00
Comments														

<Operation Highlights>

[01/01/2004] Started aeration blowers at the lagoon site.

[03/09/2004] Preliminary samples collected.

[03/17/2004] Started lagoon discharge of Cell #2.

[04/22/2004] Last Day of the Semi-Annual Lagoon discharge. All 5 sets of samples have been collected.

[11/03/2004] Last Day of Semi-Annual Lagoon Discharge. Total Volume Discharged = 151401m3



2004 Client Monthly Operations Report
The Nation Municipality

Limoges Sewage



Réunion Conseil
Council Mtg

6/12/04
D M YR

Action Report
Clerk MM
Greiffier MM

Facility Description

Hub Name: Alfred Hub
Facility Type: Municipal
Classification: Class 2 Wastewater Collection, Class 1 Wastewater Treatment
Title Holder: Municipality
Operation Status: OCWA
Operator Manager: Jacques Breen, (613) 679-4631
Asst. Ops. Mgr: Harold Wilkinson, (613) 679-4631
Client Service Rep: John Kingsbury, (613) 774-3663
Capacity(m3/d): 1073
Service Area: Village of Limoges
Service Population: 2500
Inservice Date: 2001

Operational Description:

Treatment Process

Major Process:	Aerated cell
Phosphorus Removal:	Continuous
Additional Treatment:	
Discharge Mode:	Regulated discharge volume
Effluent Disinfection Practice:	No Disinfection
Sludge Stabilization:	
Sludge Disposal:	

Performance Data and Compliance

Influent Flow Data		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Limit
Avg Raw Flow (m3/d)	Avg	401.84	346.14	439.19	487.40	441.45	384.23	369.84	374.74	413.20	349.42			0.00
Max Raw Flow (m3/d)	Max	459.00	392.00	523.00	513.00	504.00	409.00	386.00	423.00	622.00	367.00			0.00
Total Raw Flow (m3/d)	Total	12,457.00	10,038.00	13,615.00	14,622.00	13,685.00	11,527.00	11,465.00	11,617.00	12,396.00	10,832.00			0.00
Influent Quality		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Limit
BOD5/CBOD5 (mg/L)	Avg	90.00	281.00	127.00	99.00	107.00	77.00	144.00	154.00	79.00	152.00			0.00
SS (mg/L)	Avg	136.00	260.00	128.00	116.00	196.00	200.00	96.00	110.00	64.00	88.00			0.00
TP (mg/L)	Avg	2.28	1.83	3.48	2.30	2.78	2.85	3.33	151.00	1.63	1.90			0.00
Treated Flow Data		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Limit
AVG Final Eff. Flow m3/d	Avg			2,070.94	4,239.76						4,842.92			0.00
Max Final Eff. Flow m3/d	Max			8,835.00	7,970.00						7,318.00			0.00
Total Final Eff Flow m3/d	Total			35,206.00	93,274.75						140,444.80			0.00
Treated Quality		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Limit
BOD5/CBOD5 (mg/L)	Avg			6.50	10.33						5.00			0.00
SS (mg/L)	Avg			10.50	14.33						7.25			0.00
TP (mg/L)	Avg			0.43	0.20						0.11			0.00
Comments														

<Operation Highlights>

[01/01/2004] Started aeration blowers at the lagoon site.

[03/09/2004] Preliminary samples collected.

[03/17/2004] Started lagoon discharge of Cell #2.

[04/22/2004] Last Day of the Semi-Annual Lagoon discharge. All 5 sets of samples have been collected.



Ontario Clean Water Agency
Agence Ontarienne Des Eaux

2004 Client Monthly Operations Report The Nation Municipality - Limoges Sewage

Limoges Sewage

Réunion Conseil
Council Mtg 18/10/04
D / M / YR
Action separate
Clerk MPM
Greiffier MPM

Facility Description

Hub Name:	Alfred Hub
Facility Type:	Municipal
Classification	Class 2 Wastewater Collection, Class 1 Wastewater Treatment
Title Holder:	Municipality
Operation Status:	OCWA
Operator Manager:	Jacques Breen, (613) 679-4631
Asst. Ops. Mgr.	Harold Wilkinson, (613) 679-4631
Client Service Rep	John Kingsbury, (613) 774-3663
Capacity(m3/d):	1073
Service Area:	Village of Limoges
Service Population:	2500
Inservice Date:	2001

Operational Description:

Treatment Process

Major Process:	Aerated cell
Phosphorus Removal:	Continuous
Additional Treatment:	
Discharge Mode:	Regulated discharge volume
Effluent Disinfection Practice:	No Disinfection
Sludge Stabilization:	
Sludge Disposal:	

Performance Data and Compliance

Influent Flow Data		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Limit
Avg Raw Flow (m3/d)	Avg	401.84	346.14	439.19	487.40	441.45	384.23	369.84	374.74					0.00
Max Raw Flow (m3/d)	Max	459.00	392.00	523.00	513.00	504.00	409.00	386.00	423.00					0.00
Total Raw Flow (m3/d)	Total	12,457.00	10,038.00	13,615.00	14,622.00	13,685.00	11,527.00	11,465.00	11,617.00					0.00
Influent Quality		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Limit
BOD5/CBOD5 (mg/L)	Avg	90.00	281.00	127.00	99.00	107.00	77.00	144.00	154.00					0.00
SS (mg/L)	Avg	136.00	260.00	128.00	116.00	196.00	200.00	96.00	110.00					0.00
TP (mg/L)	Avg	2.28	1.83	3.48	2.30	2.78	2.85	3.33	151.00					0.00
Treated Flow Data		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Limit
AVG Final Eff. Flow m3/d	Avg			2,070.94	4,239.76									0.00
Max Final Eff. Flow m3/d	Max			8,835.00	7,970.00									0.00
Total Final Eff Flow m3/d	Total			35,206.00	93,274.75									0.00
Treated Quality		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Limit
BOD5/CBOD5 (mg/L)	Avg			6.50	10.33									0.00
SS (mg/L)	Avg			10.50	14.33									0.00
TP (mg/L)	Avg			0.43	0.20									0.00
Comments														

<Operation Highlights>

[01/01/2004] Started aeration blowers at the lagoon site.

[03/09/2004] Preliminary samples collected.

[03/17/2004] Started lagoon discharge of Cell #2.

[04/22/2004] Last Day of the Semi-Annual Lagoon discharge. All 5 sets of samples have been collected.



CC - Cécile

Limoges Sewage
Cost Plus Client Report
For the period of January 1, 2003 to December 31, 2003

Org. # : 5202
Project # :
Date : 02/10/2004

	2002 Actuals	2003 Estimate	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Y-T-D Budget	Y-T-D Actuals	Variance Favourable/ (Unfavourable)
OPERATING CHARGES									
Salaries	21,714	23,996	5,762	5,180	3,712	8,154	23,996	22,808	1,188
Benefits	4,262	5,599	1,180	1,021	826	1,943	5,599	4,969	630
Transportation and Communications	944	1,800	0	471	(0)	656	1,800	1,127	673
Services	11,882	9,615	1,539	8,622	1,690	6,769	9,615	18,620	(9,005)
Sludge Haulage and Disposal	489	0	0	0	0	0	0	0	0
Supplies and Equipment	6,906	6,700	766	1,189	2,787	1,344	6,700	6,087	613
Electricity	13,536	12,500	3,587	9,855	3,111	(29)	12,500	16,504	(4,004)
TOTAL DIRECT COSTS	59,714	60,210	12,814	26,337	12,126	18,837	60,210	70,114	(9,904)
Management Fee	11,446	11,446	2,862	2,862	2,862	2,862	11,446	11,446	0
TOTAL OPERATING CHARGES	71,160	71,656	15,676	29,198	14,987	21,699	71,656	81,560	(9,904)



Limoges Sewage
Cost Plus Client Report
For the period of January 1, 2003 to November 30, 2003

Org. # : 5202
Project # :
Date : 12/22/2003

	2002 Actuals	2003 Estimate	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Y-T-D Budget	Y-T-D Actuals	Variance Favourable/ (Unfavourable)
OPERATING CHARGES									
Salaries	21,714	23,996	5,762	5,180	3,712	4,518	22,011	19,171	2,840
Benefits	4,262	5,599	1,180	1,021	826	1,224	5,137	4,251	886
Transportation and Communications	944	1,800	0	471	(0)	491	1,650	962	688
Services	11,882	9,615	1,539	8,622	1,690	1,061	8,811	12,913	(4,102)
Sludge Haulage and Disposal	469	0	0	0	0	0	0	0	0
Supplies and Equipment	6,906	6,700	766	1,189	2,787	116	6,138	4,858	1,280
Electricity	13,536	12,500	3,567	9,855	3,111	853	11,462	17,386	(5,924)
TOTAL DIRECT COSTS	59,714	60,210	12,814	26,337	12,126	8,264	55,209	59,541	(4,332)
Management Fee	11,446	11,446	2,862	2,862	2,862	1,908	10,492	10,492	0
TOTAL OPERATING CHARGES	71,160	71,656	15,676	29,198	14,987	10,172	65,701	70,033	(4,332)



Ontario Clean Water Agency
Agence Ontarienne Des Eaux

2003 Client Monthly Operations Report
The Nation Municipality - Limoges Sewage

Limoges Sewage

Facility Description

Hub Name: Alfred Hub
Facility Type: Municipal
Classification: Class 2 Wastewater Collection, Class 1 Wastewater Treatment
Title Holder: Municipality
Operation Status: OCWA
Operator Manager: Jacques Breen, (613) 679-4631
Asst. Ops. Mgr. Harold Wilkinson, (613) 679-4631
Client Service Rep John Kingsbury, (613) 774-3663
Capacity(m3/d): 1073
Service Area: Village of Limoges
Service Population: 2500
Inservice Date: 2001

Operational Description:

Treatment Process

Major Process: Aerated cell
Phosphorus Removal: Continuous
Additional Treatment:
Discharge Mode: Regulated discharge volume
Effluent Disinfection Practice: No Disinfection
Sludge Stabilization:
Sludge Disposal:

Performance Data and Compliance

Influent Flow Data

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Limit
Max Raw Flow (m3/d)	380.00	396.00	507.00	564.00	566.00	523.00	475.00	404.00	382.00	484.00	494.00		0.00
Total Raw Flow (m3/d)	11,184.00	10,298.00	13,018.00	14,656.00	16,124.00	14,060.00	12,052.00	11,832.00	10,663.00	12,630.00	13,596.00		0.00
Avg Raw Flow (m3/d)	360.13	367.82	419.94	488.63	520.13	468.67	388.77	381.68	356.43	407.42	453.20		0.00

Influent Quality

BOD5/CBOD5 (mg/L)	Avg	119.00	103.00	56.00	165.00	96.00	33.00	72.00	126.00	111.00	76.00		0.00
SS (mg/L)	Avg	188.00	116.00	72.00	224.00	96.00	62.00	412.00	114.00	88.00	76.00		0.00
TP (mg/L)	Avg	6.90	4.67	2.00	5.92	2.54	0.66	3.50	6.20	2.32	2.06		0.00

Treated Flow Data

AVG Final Eff. Flow m3/d	Avg			4,181.89						2,618.70			0.00
Max Final Eff. Flow m3/d	Max			5,016.00						2,877.80			0.00
Total Final Eff Flow m3/d	Total			37,637.95						68,086.10			0.00

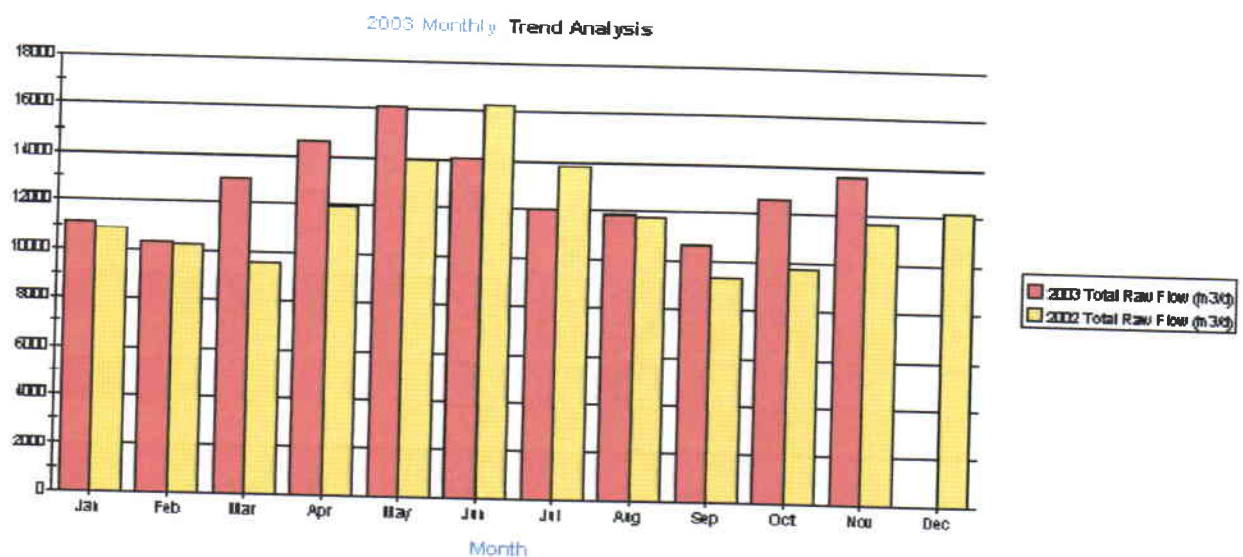
Treated Quality

BOD5/CBOD5 (mg/L)	Avg			7.00						11.40			0.00
SS (mg/L)	Avg			16.00						27.00			0.00
TP (mg/L)	Avg			0.21						0.13			0.00

Comments

<General>

[10/06/2003] Started lagoon discharge of cell #2 as of Oct. 5
[11/05/2003] End of Lagoon discharge





2003 Client Monthly Operations Report

The Nation Municipality - Limoges Sewage

Limoges Sewage

Facility Description

Hub Name: Alfred Hub
Facility Type: Municipal
Classification: Class 2 Wastewater Collection, Class 1 Wastewater Treatment
Title Holder: Municipality
Operation Status: OCWA
Operator Manager: Jacques Breen, (613) 679-4631
Asst. Ops. Mgr.: Harold Wilkinson, (613) 679-4631
Client Service Rep: John Kingsbury, (613) 774-3663
Capacity(m³/d): 1073
Service Area: Village of Limoges
Service Population: 2500
Inservice Date: 2001

Operational Description:

Treatment Process

Major Process:	Aerated cell
Phosphorus Removal:	Continuous
Additional Treatment:	
Discharge Mode:	Regulated discharge volume
Effluent Disinfection Practice:	No Disinfection
Sludge Stabilization:	
Sludge Disposal:	

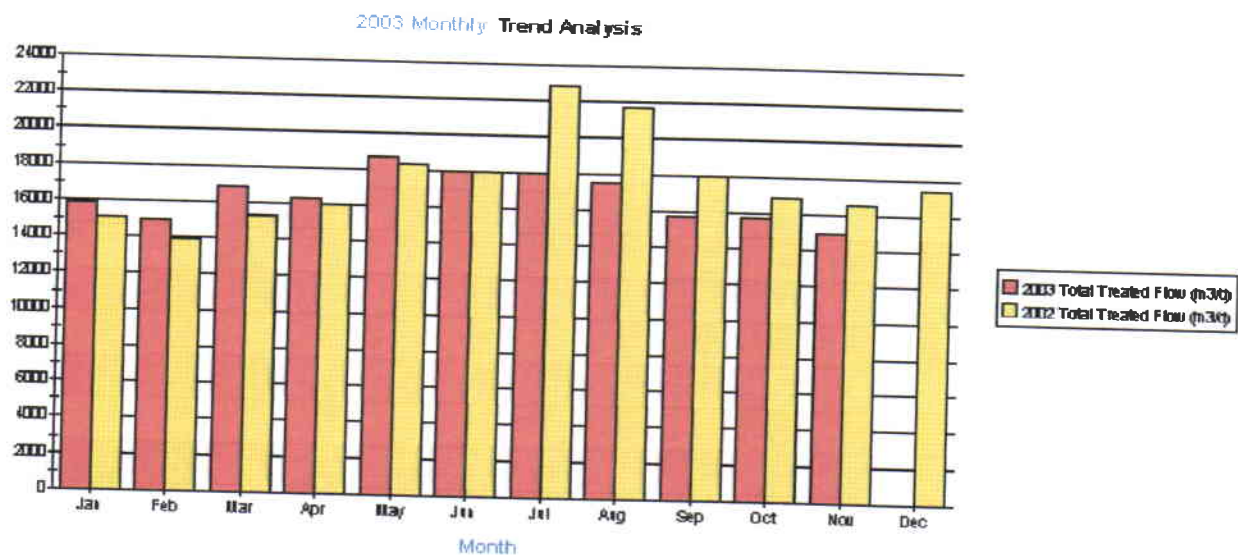
Performance Data and Compliance

Influent Flow Data		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Limit
Max Raw Flow (m3/d)	Max	390.00	396.00	507.00	564.00	566.00	523.00	475.00	404.00	382.00	484.00	494.00		0.00
Total Raw Flow (m3/d)	Total	11,164.00	10,299.00	13,018.00	14,656.00	16,124.00	14,060.00	12,052.00	11,832.00	10,663.00	12,630.00	13,596.00		0.00
Avg Raw Flow (m3/d)	Avg	360.13	367.82	419.94	488.53	520.13	468.67	388.77	381.68	355.43	407.42	453.20		0.00
Influent Quality		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Limit
BOD5/CBOD5 (mg/L)	Avg	119.00	103.00	56.00	165.00	95.00	33.00	72.00	126.00		111.00	76.00		0.00
SS (mg/L)	Avg	168.00	116.00	72.00	224.00	96.00	52.00	412.00	114.00		88.00	78.00		0.00
TP (mg/L)	Avg	6.90	4.67	2.00	5.92	2.54	0.66	3.50	6.20		2.32	2.06		0.00
Treated Flow Data		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Limit
AVG Final Eff. Flow m3/d	Avg				4,181.99						2,618.70			0.00
Max Final Eff. Flow m3/d	Max				5,016.00						2,877.80			0.00
Total Final Eff Flow m3/d	Total				37,637.95						68,086.10			0.00
Treated Quality		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Limit
BOD5/CBOD5 (mg/L)	Avg			7.00	7.00						11.40	15.00		0.00
SS (mg/L)	Avg			16.00	11.50						27.00	22.00		0.00
TP (mg/L)	Avg			0.21	0.27						0.13	0.18		0.00

Comments

<General>

[10/06/2003] Started lagoon discharge of cell #2 as of Oct. 5
[11/05/2003] End of Lagoon discharge





Limoges Sewage
Cost Plus Client Report
For the period of January 1, 2003 to November 30, 2003

Org. #: 5202
Project #:
Date: 12/22/2003

	2002 Actuals	2003 Estimate	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Y-T-D Budget	Y-T-D Actuals	Variance Favourable/ (Unfavourable)
OPERATING CHARGES									
Salaries	21,714	23,996	5,762	5,180	3,712	4,518	22,011	19,171	2,840
Benefits	4,262	5,599	1,180	1,021	826	1,224	5,137	4,251	886
Transportation and Communications	944	1,800	0	471	(0)	491	1,650	962	688
Services	11,882	9,615	1,539	8,622	1,690	1,061	8,811	12,913	(4,102)
Sludge Haulage and Disposal	469	0	0	0	0	0	0	0	0
Supplies and Equipment	6,906	6,700	766	1,189	2,787	116	6,138	4,858	1,280
Electricity	13,536	12,500	3,567	9,855	3,111	853	11,462	17,388	(5,924)
TOTAL DIRECT COSTS	59,714	60,210	12,814	26,337	12,126	8,264	55,209	59,541	(4,332)
Management Fee	11,446	11,446	2,862	2,862	2,862	1,908	10,492	10,492	0
TOTAL OPERATING CHARGES	71,160	71,656	15,676	29,198	14,987	10,172	65,701	70,033	(4,332)



2003 Client Monthly Operations Report

The Nation Municipality - Limoges Sewage

Limoges Sewage

Facility Description

Hub Name:	Alfred Hub
Facility Type:	Municipal
Classsification	Class 2 Wastewater Collection, Class 1 Wastewater Treatment
Title Holder:	Municipality
Operation Status:	OCWA
Operator Manager:	Jacques Breen, (613) 679-4631
Asst. Ops. Mgr.	Harold Wilkinson, (613) 679-4631
Client Service Rep	John Kingsbury, (613) 774-3663
Capacity(m3/d):	1073
Service Area:	Village of Limoges
Service Population:	2500
Inservice Date:	2001

Operational Description:

Treatment Process

Major Process:	Aerated cell
Phosphorus Removal:	Continuous
Additional Treatment:	
Discharge Mode:	Regulated discharge volume
Effluent Disinfection Practice:	No Disinfection
Sludge Stabilization:	
Sludge Disposal:	

Performance Data and Compliance

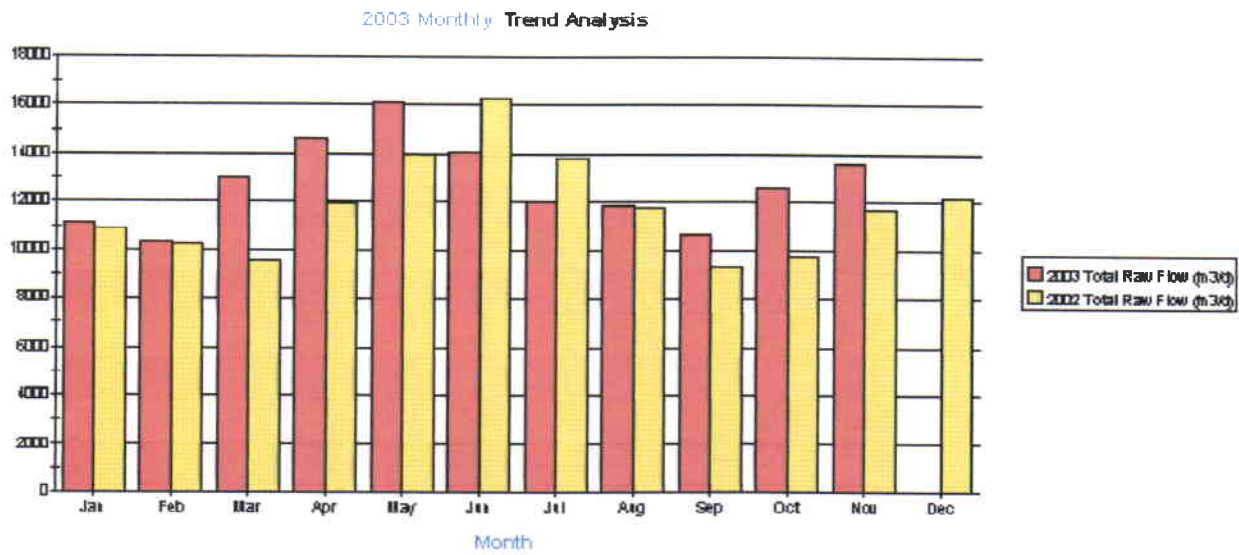
Influent Flow Data		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Limit
Max Raw Flow (m3/d)	Max	390.00	396.00	507.00	564.00	566.00	523.00	475.00	404.00	382.00	484.00	494.00		0.00
Total Raw Flow (m3/d)	Total	11,164.00	10,299.00	13,018.00	14,656.00	16,124.00	14,060.00	12,052.00	11,832.00	10,663.00	12,630.00	13,596.00		0.00
Avg Raw Flow (m3/d)	Avg	360.13	367.82	419.94	488.53	520.13	468.67	388.77	381.68	365.43	407.42	453.20		0.00
Influent Quality		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Limit
BOD5/CBOD5 (mg/L)	Avg	119.00	103.00	56.00	165.00	95.00	33.00	72.00	126.00		111.00	75.00		0.00
SS (mg/L)	Avg	168.00	116.00	72.00	224.00	96.00	52.00	412.00	114.00		88.00	78.00		0.00
TP (mg/L)	Avg	6.90	4.67	2.00	5.92	2.54	0.66	3.50	6.20		2.32	2.06		0.00
Treated Flow Data		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Limit
AVG Final Eff. Flow m3/d	Avg				4,181.99						2,618.70			0.00
Max Final Eff. Flow m3/d	Max				5,016.00						2,877.80			0.00
Total Final Eff Flow m3/d	Total				37,637.95						68,086.10			0.00
Treated Quality		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Limit
BOD5/CBOD5 (mg/L)	Avg			7.00	7.00						11.40	15.00		0.00
SS (mg/L)	Avg			16.00	11.50						27.00	22.00		0.00
TP (mg/L)	Avg			0.21	0.27						0.13	0.18		0.00

Comments

<General>

[10/06/2003] Started lagoon discharge of cell #2 as of Oct. 5

[11/05/2003] End of Lagoon discharge





Ontario Clean Water Agency

May 2003 Operations Report

The Nation Municipality - Limoges Sewage

Limoges Sewage



Facility Description

Hub Name:	Alfred Hub
Classification:	Facility Type: Class 2 Wastewater Collection, Class 1 Wastewater Treatment
Municipal:	
Title Holder:	Municipality
Operation Status:	OCWA
Operator Manager:	Jacques Breen, (613) 679-4631
	Asst. Ops. Mgr. Harold Wilkinson, (613) 679-4631
Client Service Rep:	John Kingsbury, (613) 774-3663
Capacity(m3/d):	1073
Service Area:	Village of Limoges
Service Population:	2500
Inservice Date:	2001

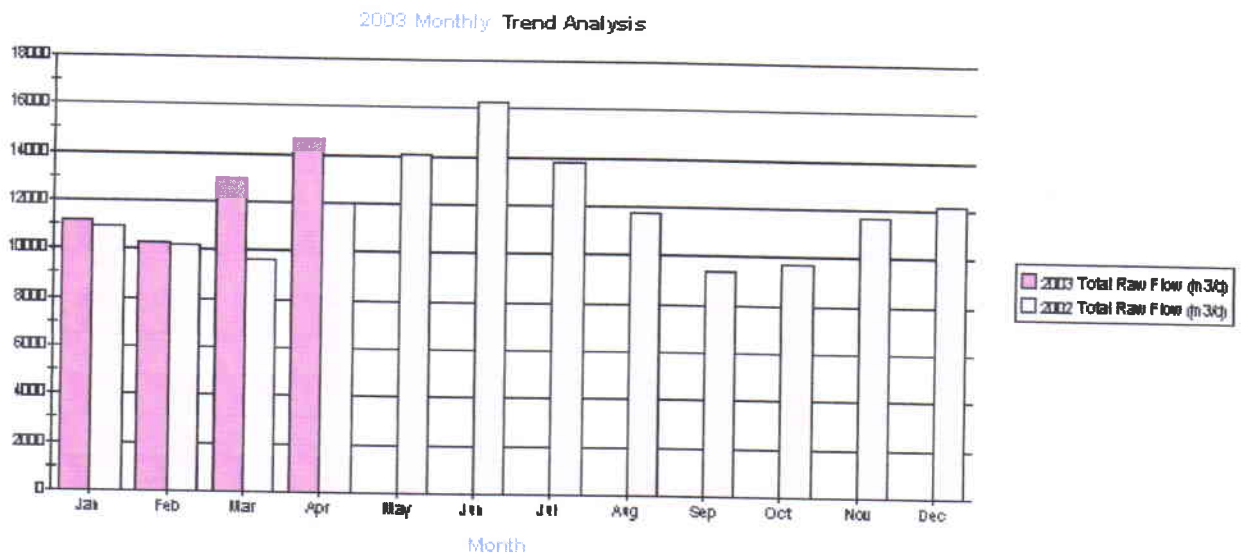
Treatment Process

Major Process:	Aerated cell
Phosphorus Removal:	Continuous
Additional Treatment:	
Discharge Mode:	Regulated discharge volume
Effluent Disinfection Practice:	No Disinfection
Sludge Stabilization:	
Sludge Disposal:	

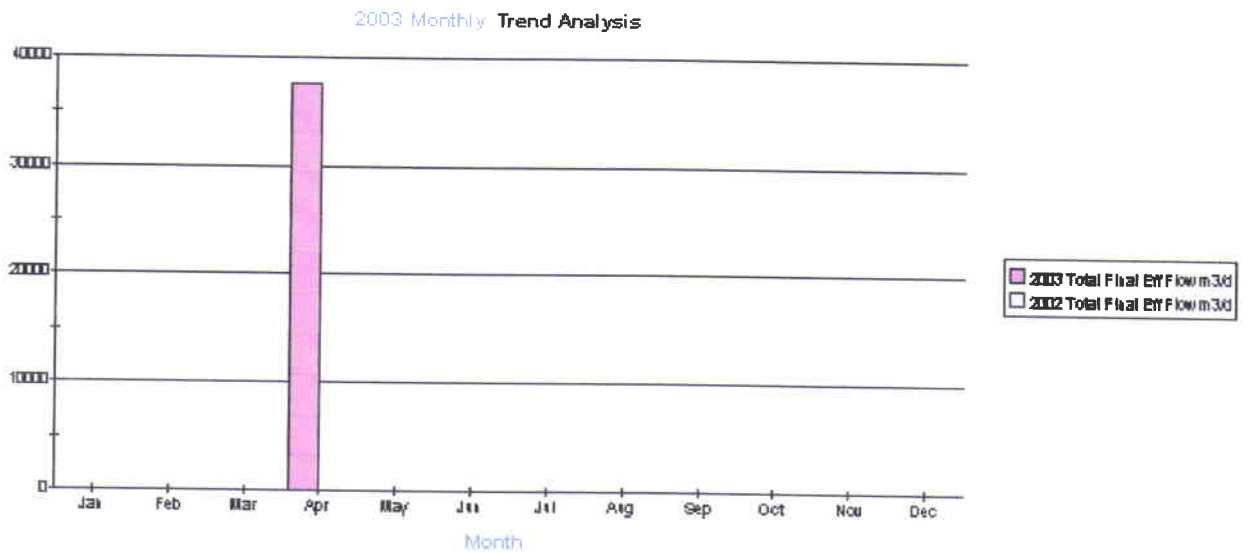
Performance Data and Compliance

Influent Flow Data		Jan	Feb	Mar	Apr
Max Raw Flow (m3/d)	Max	390.00	396.00	507.00	564.00
Total Raw Flow (m3/d)	Total	11,164.00	10,299.00	13,018.00	14,656.00
Avg Raw Flow (m3/d)	Avg	360.13	367.82	419.94	488.53
Influent Quality		Jan	Feb	Mar	Apr
BOD5/CBOD5 (mg/L)	Avg	119.00	103.00	56.00	165.00
SS (mg/L)	Avg	168.00	116.00	72.00	224.00
TP (mg/L)	Avg	6.90	4.67	2.00	5.92
Treated Flow Data		Jan	Feb	Mar	Apr
AVG Final Eff. Flow m3/d	Avg				4,181.99
Max Final Eff. Flow m3/d	Max				5,016.00
Total Final Eff Flow m3/d	Total				37,637.95
Treated Quality		Jan	Feb	Mar	Apr
BOD5/CBOD5 (mg/L)	Avg			7.00	7.00
SS (mg/L)	Avg			16.00	11.50
TP (mg/L)	Avg			0.21	0.27

Raw Sewage Flows



Treated Sewage Flows





Limoges Sewage
Cost Plus Client Report
 For the period of January 1, 2003 to March 31, 2003

Org. # : 5202
 Project # :
 Date : 04/25/2003

	2002 Actuals	2003 Estimate	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Y-T-D Budget	Y-T-D Actuals	Variance Favourable/ (Unfavourable)
OPERATING CHARGES									
Salaries	21,714	23,996	5,762	0	0	0	6,003	5,762	241
Benefits	4,262	5,599	1,180	0	0	0	1,401	1,180	221
Transportation and Communications	944	1,800	0	0	0	0	450	0	450
Services	11,882	9,615	1,539	0	0	0	2,403	1,539	864
Sludge Haulage and Disposal	469	0	0	0	0	0	0	0	0
Supplies and Equipment	6,906	6,700	766	0	0	0	1,674	766	908
Electricity	13,536	12,500	3,567	0	0	0	3,126	3,567	(441)
TOTAL DIRECT COSTS	59,714	60,210	12,814	0	0	0	15,057	12,814	2,243
Management Fee	11,401	11,401	2,850	0	0	0	2,850	2,850	0
TOTAL OPERATING CHARGES	71,115	71,611	15,665	0	0	0	17,907	15,665	2,243



2003 Monthly Operations Report

The Nation Municipality - Limoges Sewage

Limoges Sewage

Facility Description

Hub Name: Alfred Hub
Classification: Facility Type: Class 2 Wastewater Collection, Class 1 Wastewater Treatment Municipal
Title Holder: Municipality
Operation Status: OCVMA
Operator Manager: Jacques Breen, (613) 679-4631
Client Service Rep: John Kingsbury, (613) 774-3663
Capacity(m3/d): Asst. Ops. Mgr. Harold Wilkinson, (613) 679-4631
Service Area: 1073
Service Population: Village of Limoges
Inservice Date: ~~2500~~ 1000
Operational Description: 2001

Treatment Process

Major Process: Aerated cell
Phosphorous Removal: Continuous
Additional Treatment: Regulated discharge volume
Discharge Mode: No Disinfection
Effluent Disinfection Practice:
Sludge Stabilization:
Sludge Disposal:

Performance Data and Compliance

Influent Flow Data

Max Raw Flow (m3/d)	390.00	396.00	507.00
Total Raw Flow (m3/d)	11,164.00	10,299.00	13,018.00
Avg Raw Flow (m3/d)	360.13	367.82	419.94

Influent Quality

BOD5/CBOD5 (mg/L)			
SS (mg/L)	119.00	103.00	56.00
TP (mg/L)	168.00	116.00	72.00
	6.90	4.67	2.00

2003 Monthly Trend Analysis

