

**KILLALOE WATER TREATMENT FACILITY
2007 ANNUAL REPORTS**

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**Ontario Clean Water Agency
Agence Ontarienne Des Eaux**

Foreword

This document contains three different annual reports for the Killaloe Water Treatment Facility.

- Section 11 Annual Report, as per Section 11 of Ontario Regulation 170/03
- Summary Report as per Schedule 22 of the Ontario Regulation 170/03
- Summary of the raw water values that were submitted to the Ministry of the Environment under the Ontario Regulation 387/04 (Water Taking and Transfer).

Section 12 of O.Reg 170/03, requires both the Summary Report and the Annual Report be made available for inspection by any member of the public during normal business hours, without charge. These reports are to be made available for inspection on the internet and at the office of the municipality.

Summary Report
2007

**KILLALOE WATER TREATMENT FACILITY
2007 SUMMARY REPORTS FOR MUNICIPALITIES**

Report

This report is a summary of water quality information for the Killaloe Water Treatment Facility, published in accordance with Schedule 22 of Ontario's Drinking-Water Systems Regulation for the reporting period of January 1, 2007 to December 31, 2007. The Killaloe Water Treatment Facility is categorized as a Large Municipal Residential Drinking Water System.

This report was prepared by the Ontario Clean Water Agency on behalf of the Township of Killaloe, Hagarty and Richards.

Who gets a copy of the Report:

- in the case of a drinking-water system owned by a municipality, the members of the municipal council;

What must the Report contain?

The report must,

- (a) list the requirements of the Act, the regulations, the system's approval and any order that the system **failed to meet** at any time during the period covered by the report and specify the duration of the failure; and
- (b) for each failure referred to in clause (a), describe the measures that were taken to correct the failure.

The following table lists the requirements that the system failed to meet and the measures taken to correct the failure:

Drinking Water Legislation	List the requirement(s) the system failed to meet	Specify the duration of the failure (i.e. date(s))	Describe the measures taken to correct the failure	Status (complete or outstanding)
Certificate of Approval	Recording a calculated UV dose every 4 hours	Since UV units were installed	An application for an amendment was submitted and approved to remove the calculated dose criteria. New Certificate of Approval #8497-79SRVZ issued on December 18, 2007.	Complete

What else must the Report contain?

The report must also include the following information for the purpose of enabling the owner of the system to assess the capability of the system to meet existing and planned uses of the system:

KILLALOE WATER TREATMENT FACILITY
2007 SUMMARY REPORTS FOR MUNICIPALITIES

1. A summary of the quantities and flow rates of the water supplied during the period covered by the report, including monthly average and maximum daily flows and daily instantaneous peak flow rates.
2. A comparison of the summary referred to in paragraph 1 to the rated capacity and flow rates approved in the system's approval.

Attached please find a copy of the Annual Record of Water Taking for the Killaloe Water Treatment Facility. This document contains all required flow information.

When Does the Report Get Submitted?

If a report is prepared for a system that supplies water to a municipality under the terms of a contract, the owner of the system shall give a copy of the report to the municipality by March 31.

End

Annual Record Of Ground Water Taking
Relevé annuel des prises d'eau de souterraine

Personal information contained on this form is collected under the authority of the Ontario Water Resources Act, Section 20. The Purpose of the form is to record details and information about the taking of water annually. Questions should be directed to the respective hub office in your area.

Les renseignements personnels qui figurent dans le présent formulaire sont recueillis en vertu de l'article 20 de la Loi sur les ressources en eau de l'Ontario. Ce formulaire sert à dossiers les détails et les renseignements concernant la prise d'eau annuelle. Prière d'adresser toutes questions au personnel du bureau régional de votre secteur.

Year(Année): 2007 Permit No.(N° de permis): 6713-62X4ER Source: Well Water
 Location: RW - Raw Water

Name of Permittee: Mailing Address:
 Nom du titulaire du permis Adresse postale

Location Of Taking: Twp. or Municipality: Concession: Lot:
 Lieu de la prise d'eau Canton ou municipalité
 Township of Killaloe Hagarty and Richards

Rated Capacity(m3/day) Peak Daily Rate Of Taking(L/sec) Peak Daily Rate of Taking (L/min)
 capacité nominal Debit de pointe journalier
 601.92 636.0

	Jan/2007	Feb/2007	Mar/2007	Apr/2007	May/2007	Jun/2007	Jul/2007	Aug/2007	Sep/2007	Oct/2007	Nov/2007	Dec/2007	<-- Total -->	<-- Avg. -->	<-- Max. -->	<-- Criteria-->
Total Hrs of Taking	152.5	143.5	144.9	108.4	141.2	157.8	197.3	226.6	171.5	143.8	132.0	153.8	1,873.3	156.11	226.6	
Total Amt of Taking(m3)	3,057.0	2,873.0	2,887.0	2,354.0	3,052.0	3,419.0	4,240.0	4,204.0	3,195.0	3,147.0	2,702.0	2,946.0	38,076.0	3,173.0	4,240.0	
Avg Daily Taking(m3)	98.61	102.61	93.13	78.47	98.45	113.97	136.77	135.61	106.5	101.52	90.07	95.03		104.23		601.92
%Rated Capacity(Avg. Daily Taking)	16.38	17.05	15.47	13.04	16.36	18.93	22.72	22.53	17.69	16.87	14.96	15.79				
Max Daily Flow(m3)	142.0	123.0	166.0	147.0	218.0	157.0	175.0	193.0	159.0	161.0	173.0	168.0			218.0	601.92
%Rated Capacity(Max Daily Flow)	23.59	20.43	27.58	24.42	36.22	26.08	29.07	32.06	26.42	26.75	28.74	27.91				
Avg Daily Rate of Taking(L/sec)	5.55	5.54	5.48	6.07	6.0	5.98	5.96	5.02	5.17	6.02	5.65	5.31		5.65		
Peak Daily Rate of Taking(L/min)	380.5	372.22	373.81	393.52	400.0	379.17	376.67	400.0	353.33	411.11	411.9	351.35			411.9	636.0
%Peak Daily Rate of Taking(L/min)	59.83	58.53	58.78	61.87	62.89	59.62	59.22	62.89	55.56	64.64	64.76	55.24				

Section 11 Annual Report
2007



Drinking-Water Systems Regulation O.Reg. 170/03
Section 11 Annual Report

System Information

Drinking Water System Name:	Killaloe Water Treatment Plant
Drinking Water System Number:	220006026
System Owner:	Township of Killaloe, Hagarty and Richards
Operating Authority:	Ontario Clean Water Agency
Drinking Water System Category:	Large Municipal Residential
Reporting Period:	January 1, 2007 – December 31, 2007

Summary Report (170/03 Schedule 22) will be available for inspection at:

Township of Killaloe, Hagarty and Richards 1 John Street Killaloe, ON K0J 2A0
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List all Drinking Water Systems which receive all of their drinking water from your system:

Name	Drinking Water System Number
No other systems receive water from this system	

Provide a brief description of the system:

Killaloe Water Treatment Plant is a single well, groundwater system equipped with greensand contactors that provide iron and manganese removal. Pre disinfection is provided using Ultraviolet light and post disinfection is provided by sodium hypochlorite. pH adjustment equipment is installed but not required or in service.

What Treatment Chemicals were used during the reporting year:

Chemical Name	Use	Supplier
Potassium Permanganate	Contactor	Cariox
Sodium Hypochlorite	Disinfection	D.H Jutzi

Summary of any reports made to the Ministry under subsection 18 (1) of the Act or section 16-4 of Schedule 16:

DATE	AWQI #	Cause			Corrective Action Taken
		Parameter	Result	Exceedance of	
There were no reportable incidents under this section of the act or regulation.					

Does your Drinking-Water System serve more that 10 000 people?

YES

NO

If yes, is your annual report available to the public at no charge on a web site on the internet?

YES

NO

Indicate how you notified system users that your annual report is available, and is free of charge?

- Via Township of Killaloe, Hagarty and Richards internet website

Regulatory Sample Results Summary

Microbiological Testing (170/03, Sch.10, Sch.11 or Sch.12):

	# of E-coli Samples Taken	E-Coli Results (min-max)	# of Total Coliform Samples Taken	Total Coliform Results (min-max)	# of HPC Samples Taken	HPC Results (min-max)
Raw	52	0-0	52	0-0	N/A	N/A
Treated	52	0-0	52	0-0	52	0-33
Distribution	108	0-0	108	0-0	108	0-115

Operational Testing (170/03, Sch.7, Sch.8 or Sch.9):

NOTE: 8760 samples indicates an on-line analyzer

	# of grab samples taken	Range of Results (min # - max #)
Treated Turbidity	8760	0.04 - 0.94 NTU
Treated Turbidity	249	0.09 - 0.12 NTU
Treated Free Chlorine	8760	0.22 – 2.79 mg/L
Treated Free Chlorine	249	0.55 – 1.68 mg/L
Distribution Free Chlorine	8760	0.05 – 1.95 mg/L
Distribution Free Chlorine	108	0.3 – 1.02 mg/L
Fluoride	Fluoride is not added at this facility	

Summary of additional samples:

Legal Document	Date of Issuance	Parameter	Date Sampled	Result	Unit of measure
Certificate of Approval #4496-6BSK5K	13-May-05	Backwash Suspended Solids	01/16/07	<2.0	mg/L
			02/20/07	6.0	mg/L
			03/19/07	<2.0	mg/L
			04/17/07	<2.0	mg/L
			05/15/07	<2.0	mg/L
			06/19/07	<2.0	mg/L
			07/17/07	5	mg/L
			08/21/07	5	mg/L
			09/18/07	<2.0	mg/L
			10/16/07	<2.0	mg/L
			11/20/07	<2.0	mg/L
			12/18/07	<2.0	mg/L
		Backwash pH	01/16/07	8.02	no units
			02/20/07	7.96	no units
			03/19/07	7.86	no units
			04/17/07	8.08	no units
			05/15/07	7.92	no units
			06/19/07	8.09	no units
			07/17/07	8.14	no units
			08/21/07	7.98	no units
			09/18/07	7.97	no units
			10/16/07	7.86	no units
			11/20/07	7.93	no units
12/18/07	7.78	no units			

Summary of inorganic parameters tested or most recent sample result:

MAC = Maximum Allowable Concentration as per O.Reg 169/03

Parameter	Sample Date	Result	Unit of Measure	Exceedence of MAC	Exceedence of ½ MAC
Antimony	16-Jan-07	<1.0	ug/L	No	No
Arsenic	16-Jan-07	<0.1	ug/L	No	No
Barium	16-Jan-07	10.0	ug/L	No	No
Boron	16-Jan-07	20.0	ug/L	No	No
Cadmium	16-Jan-07	<0.1	ug/L	No	No
Chromium	16-Jan-07	1.0	ug/L	No	No
Mercury	16-Jan-07	<0.1	ug/L	No	No

Selenium	16-Jan-07	<0.1	ug/L	No	No
Sodium	10-Jun-03	29.7	mg/L	Yes	Yes
Uranium	16-Jan-07	<0.1	ug/L	No	No
Fluoride	08-Jul-03	0.4	mg/L	No	No
1 st Quarter Nitrite	02-Jan-07	<0.1	mg/L	No	No
2 nd Quarter Nitrite	03-Apr-07	<0.1	mg/L	No	No
3 rd Quarter Nitrite	03-Jul-07	<0.1	mg/L	No	No
4 th Quarter Nitrite	01-Oct-07	<0.1	mg/L	No	No
1 st Quarter Nitrate	02-Jan-07	<0.1	mg/L	No	No
2 nd Quarter Nitrate	03-Apr-07	<0.1	mg/L	No	No
3 rd Quarter Nitrate	03-Jul-07	<0.1	mg/L	No	No
4 th Quarter Nitrate	01-Oct-07	<0.1	mg/L	No	No

Summary of Organic parameters tested or most recent result

MAC = Maximum Allowable Concentration as per O.Reg 169/03

BDL = Below the laboratory detection level

Parameter	Sample Date	Result	Unit of measure	Exceedence of MAC	Exceedence of ½ MAC
Alachlor	10-Jan-07	<0.5	ug/L	No	No
Aldicarb	10-Jan-07	<9.0	ug/L	No	BDL
Aldrin + Dieldrin	10-Jan-07	<0.012	ug/L	No	No
Atrazine + N-Dealkylated metabolites	10-Jan-07	<0.2	ug/L	No	No
Azinphos-methyl	10-Jan-07	<2.0	ug/L	No	No
Bendiocarb	10-Jan-07	<2.0	ug/L	No	No
Benzene	10-Jan-07	<0.5	ug/L	No	No
Benzo<a>pyrene	10-Jan-07	<0.01	ug/L	No	BDL
Bromoxynil	10-Jan-07	<0.5	ug/L	No	No
Carbaryl	10-Jan-07	<5.0	ug/L	No	No
Carbofuran	10-Jan-07	<5.0	ug/L	No	No
Carbon Tetrachloride	10-Jan-07	<0.5	ug/L	No	No
Chlordane (Total)	10-Jan-07	<0.018	ug/L	No	No
Chlorpyrifos	10-Jan-07	<1.0	ug/L	No	No
Cyanazine	10-Jan-07	<1.0	ug/L	No	No
Diazinon	10-Jan-07	<1.0	ug/L	No	No
Dicamba	10-Jan-07	<1.0	ug/L	No	No
1,2-Dichlorobenzene	10-Jan-07	<0.4	ug/L	No	No
1,4-Dichlorobenzene	10-Jan-07	<0.4	ug/L	No	No
Dichlorodiphenyltrichloroethane (DDT) + metabolites	10-Jan-07	<0.024	ug/L	No	No
1,2-Dichloroethane	10-Jan-07	<0.5	ug/L	No	No
1,1-Dichloroethylene (vinylidene chloride)	10-Jan-07	<0.5	ug/L	No	No
Dichloromethane	10-Jan-07	<0.4	ug/L	No	No
2,4-Dichlorophenol	10-Jan-07	<0.5	ug/L	No	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	10-Jan-07	<1.0	ug/L	No	No
Diclofop-methyl	10-Jan-07	<0.9	ug/L	No	No
Dimethoate	10-Jan-07	<2.5	ug/L	No	No

Dinoseb	10-Jan-07	<1.0	ug/L	No	No
Diquat	10-Jan-07	<7.0	ug/L	No	No
Diuron	10-Jan-07	<10.0	ug/L	No	No
Glyphosate	10-Jan-07	<10.0	ug/L	No	No
Heptachlor + Heptachlor Epoxide	10-Jan-07	<0.012	ug/L	No	No
Lindane (Total)	10-Jan-07	<0.006	ug/L	No	No
Malathion	10-Jan-07	<5.0	ug/L	No	No
Methoxychlor	10-Jan-07	<0.024	ug/L	No	No
Metolachlor	10-Jan-07	<0.5	ug/L	No	No
Metribuzin	10-Jan-07	<5.0	ug/L	No	No
Monochlorobenzene	10-Jan-07	<0.2	ug/L	No	No
Paraquat	10-Jan-07	<1.0	ug/L	No	No
Parathion	10-Jan-07	<1.0	ug/L	No	No
Pentachlorophenol	10-Jan-07	<0.5	ug/L	No	No
Phorate	10-Jan-07	<0.5	ug/L	No	No
Picloram	10-Jan-07	<5.0	ug/L	No	No
Polychlorinated Biphenyls (PCB)	10-Jan-07	<0.1	ug/L	No	No
Prometryne	10-Jan-07	<0.25	ug/L	No	No
Simazine	10-Jan-07	<1.0	ug/L	No	No
THM (Treated) (NOTE: show latest annual average)	16-Oct-07	65.7	ug/L	No	N/A
THM (Distribution) (NOTE: show latest annual average)	16-Oct-07	85.5	ug/L	No	N/A
Temephos	10-Jan-07	<10.0	ug/L	No	No
Terbufos	10-Jan-07	<0.4	ug/L	No	No
Tetrachloroethylene	10-Jan-07	<0.3	ug/L	No	No
2,3,4,6-Tetrachlorophenol	10-Jan-07	<0.5	ug/L	No	No
Triallate	10-Jan-07	<1.0	ug/L	No	No
Trichloroethylene	10-Jan-07	<0.3	ug/L	No	No
2,4,6-Trichlorophenol	10-Jan-07	<0.5	ug/L	No	No
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	10-Jan-07	<1.0	ug/L	No	No
Trifluralin	10-Jan-07	<0.4	ug/L	No	No
Vinyl Chloride	10-Jan-07	<0.2	ug/L	No	No

Maintenance Summary

Summary of expenses incurred for install, repair or replace

Brief Description
Replaced pre-chlorine line pressure relief and back pressure valve
Dehumidifier repaired to reduce moisture in facility
Replaced battery pack for diesel generator
Purchase and install UPS backup for clearwell level milltronics
Purchase backup jockey pump in case of emergency
Replacement of light ballast

Water Taking and Transfer
Submitted Data
2007

Location: **WTRS / WT DATA / Input WT Record**

WTRS-WT-00E

Water Taking Data submitted successfully.**Confirmation:**

Thank you for submitting your water taking data online.

Permit Number: 6713-62X4ER

Permit Holder: TOWNSHIP OF KILLALOE, HAGARTY, RICHARDS.

Received on: Feb 1, 2008 8:29 AM

This confirmation indicates that your data has been received by the Ministry, but should not be construed as acceptance of this data if it differs from that specified on the Permit Number, assigned to the Permit Holder stated above.

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TOWNSHIP2 KILLALOE2 | 2008/02/01

version: 2006. v0.8.0.2.030a

Last modified: 2006/03/23

Annual Water Taking and Transfer Report
For the Year 2007
Raw Flow: Sum (m3/d)

Municipality: Village of Killaloe
Facility: [6069] - Killaloe Water Treatment Plant
Works: [220006026] - Killaloe Water Treatment Plant
Classification: Class 2 Water Treatment

Year: 2007
Water Source: Well Water
Total Design Capacity (m3/day): 602.00
Population Served: 656

Max. Vol.	January	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
RW - Raw Water																
601.920		91.000	133.000	102.000	102.000	99.000	99.000	99.000	142.000	92.000	92.000	92.000	121.000	121.000	121.000	54.000
Max. Vol.	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
RW - Raw Water																
601.920	87.000	87.000	87.000	97.000	97.000	97.000	115.000	86.000	86.000	86.000	116.000	116.000	116.000	50.000	87.000	87.000
Max. Vol.	February	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
RW - Raw Water																
601.920		87.000	115.000	115.000	115.000	70.000	103.000	103.000	103.000	117.000	117.000	117.000	70.000	97.000	97.000	97.000
Max. Vol.	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
RW - Raw Water																
601.920	118.000	118.000	118.000	67.000	92.000	92.000	92.000	123.000	123.000	123.000	82.000	101.000	101.000			
Max. Vol.	March	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
RW - Raw Water																
601.920		101.000	118.000	118.000	118.000	44.000	99.000	99.000	147.000	78.000	78.000	78.000	166.000	91.000	91.000	91.000
Max. Vol.	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
RW - Raw Water																
601.920	76.000	76.000	76.000	156.000	71.000	71.000	71.000	76.000	76.000	76.000	157.000	82.000	82.000	82.000	71.000	71.000

Annual Water Taking and Transfer Report
For the Year 2007
Raw Flow: Sum (m3/d)

Municipality: Village of Killaloe
Facility: [6069] - Killaloe Water Treatment Plant
Works: [220006026] - Killaloe Water Treatment Plant
Classification: Class 2 Water Treatment

Year: 2007
Water Source: Well Water
Total Design Capacity (m3/day): 602.00
Population Served: 656

Max. Vol.	April	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
RW - Raw Water																
601.920		71.000	106.000	73.000	73.000	67.000	67.000	67.000	67.000	67.000	99.000	68.000	68.000	73.000	73.000	73.000
Max. Vol.	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
RW - Raw Water																
601.920	91.000	85.000	85.000	85.000	66.000	66.000	66.000	147.000	83.000	83.000	83.000	63.000	63.000	63.000	113.000	
Max. Vol.	May	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
RW - Raw Water																
601.920		81.000	81.000	81.000	57.000	57.000	57.000	218.000	133.000	133.000	133.000	95.000	95.000	95.000	101.000	73.000
Max. Vol.	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
RW - Raw Water																
601.920	73.000	73.000	88.000	88.000	88.000	88.000	48.000	122.000	122.000	75.000	75.000	75.000	181.000	122.000	122.000	122.000
Max. Vol.	June	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
RW - Raw Water																
601.920		66.000	66.000	66.000	147.000	88.000	88.000	88.000	64.000	64.000	64.000	123.000	122.000	122.000	122.000	150.000
Max. Vol.	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
RW - Raw Water																
601.920	150.000	150.000	147.000	147.000	147.000	147.000	111.000	111.000	111.000	91.000	140.000	140.000	157.000	115.000	115.000	

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Year: 2007
Water Source: Well Water
Total Design Capacity (m3/day): 602.00
Population Served: 656

Max. Vol.	July	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
RW - Raw Water																
601.920		115.000	115.000	96.000	120.000	120.000	151.000	151.000	151.000	113.000	134.000	134.000	134.000	123.000	123.000	123.000
Max. Vol.	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
RW - Raw Water																
601.920	162.000	139.000	139.000	139.000	128.000	128.000	128.000	148.000	151.000	151.000	151.000	143.000	143.000	143.000	175.000	169.000
Max. Vol.	August	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
RW - Raw Water																
601.920		169.000	169.000	154.000	154.000	154.000	154.000	145.000	145.000	145.000	128.000	128.000	128.000	72.000	127.000	127.000
Max. Vol.	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
RW - Raw Water																
601.920	124.000	124.000	124.000	124.000	102.000	132.000	132.000	132.000	155.000	155.000	155.000	193.000	112.000	112.000	112.000	117.000
Max. Vol.	September	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
RW - Raw Water																
601.920		117.000	117.000	117.000	81.000	81.000	81.000	105.000	105.000	105.000	134.000	73.000	73.000	73.000	159.000	159.000
Max. Vol.	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
RW - Raw Water																
601.920	159.000	90.000	101.000	101.000	101.000	111.000	111.000	111.000	106.000	83.000	83.000	83.000	125.000	125.000	125.000	

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Total Design Capacity (m3/day): 602.00
Population Served: 656

Max. Vol.	October	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
RW - Raw Water																
601.920		74.000	112.000	112.000	112.000	120.000	120.000	120.000	120.000	87.000	114.000	114.000	111.000	111.000	111.000	155.000
Max. Vol.	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
RW - Raw Water																
601.920	91.000	91.000	91.000	81.000	81.000	81.000	161.000	75.000	75.000	75.000	95.000	95.000	95.000	117.000	75.000	75.000
Max. Vol.	November	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
RW - Raw Water																
601.920		75.000	124.000	124.000	124.000	71.000	71.000	107.000	107.000	75.000	75.000	75.000	75.000	150.000	63.000	63.000
Max. Vol.	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
RW - Raw Water																
601.920	77.000	77.000	77.000	173.000	86.000	86.000	86.000	76.000	76.000	76.000	152.000	68.000	68.000	68.000	77.000	
Max. Vol.	December	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
RW - Raw Water																
601.920		77.000	77.000	158.000	68.000	68.000	68.000	81.000	81.000	81.000	158.000	88.000	88.000	88.000	68.000	68.000
Max. Vol.	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
RW - Raw Water																
601.920	68.000	168.000	78.000	78.000	78.000	128.000	128.000	128.000	90.000	90.000	90.000	121.000	100.000	100.000	100.000	84.000