

March 30th, 2015

Ms. Jacqueline Fuller, Drinking Water Supervisor
Safe Drinking Water Branch – Peterborough District
Ministry of Environment & Climate Change
300 Water Street South, 2nd Floor, South Tower K9J 8M5

Re: 2014 Performance Report for Minden Hills Wastewater Treatment Facility

Please find attached the 2014 Performance Report for the **Minden Hills Wastewater Treatment Facility** located at 1 Orde St in the Township of Minden Hills. This report has been completed in accordance with Condition No 4.4 cited in Certificate of Approval # 1327-54GR8J dated January 31, 2002 and issued to The Township of Minden Hills.

This report was prepared by the Ontario Clean Water Agency on behalf of The Township of Minden Hills based on the information we have in our records. The report covers the period from January 1, 2014 to December 31, 2014.

Sincerely,

Julie Preslie
Process Compliance Technician
Kawartha Hub
Ontario Clean Water Agency
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List of Appendices:

Appendix I: 2014 Performance Assessment Report, Seasonal Effluent Ammonia+Ammonium (N) Calculations & Annual Summary of Effluent Chlorine Residuals, pH & Temperature
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cc: D. Bradley, District Manager (A), Peterborough District MOECC
J. Manning, Operations Manager, OCWA
I. Ingram, Environmental & Property Operations Manager, Twp. of Minden Hills

2014 Performance Report for Minden Hills Wastewater Treatment Facility

The Certificate of Approval #1327-54GR8J, for the Minden Wastewater Treatment Facility stipulates that the operating authority for the following conditions shall maintain annual records including,

- (a) a summary of all monitoring data including an overview of the success and adequacy of the sewage treatment program;*
- (b) a comprehensive interpretation of all monitoring and analytical data obtained during the reporting period, and a comparison to the effluent quality and quantity criteria described in conditions 1.1 through 1.6 (1.7);*
- (c) a summary of any effluent quality assurance or control measures undertaken during the reporting period;*
- (d) a summary of all maintenance carried out on any major structure, equipment, apparatus, mechanism or thing forming a part of the works;*
- (e) an account of any environmental and operating problems encountered at the site of the sewage treatment plant and the mitigative measures taken during the reporting period;*
- (f) a summary of any alterations, extensions or replacements in the process or operation of the works which are considered for implementation over the next reporting period, especially those which may require approval under the Ontario Water Resources Act;*
- (g) a tabulation of the volume of sludge generated in the reporting period and an outline of anticipated volumes to be generated in the next reporting period;*
- (h) an outline of the proposed sludge handling methods and disposal areas to be utilized over the next reporting period;*
- (i) a summary of the calibration and maintenance procedures conducted on all monitoring equipment;*

and submit in an annual report to the Ministry of the Environment's District Office.

The following is a report from the records maintained by the Ontario Clean Water Agency for the Minden WWTP for the calendar year 2014:

(a,b) **Appendix I** attached, is a copy of the 2014 **Performance Assessment Report** for the Minden WWTP. The PAR contains: a tabulation of all monthly average raw sewage and final effluent sample results obtained during the reporting period, a tabulation of average daily flows, and monthly volumes for the reporting period, and a tabulation of calculated total loading of CBOD5, suspended solids, total phosphorus, and ammonia + ammonium as N concentrations in the final effluent. **Seasonal ammonia+ammonium calculations** and an annual summary of chlorine residuals, temperature and pH results are also provided in **Appendix I**.

The following tables show the effluent quality in comparison to the Certificate of Approval's effluent limits and objectives. The percent removal efficiencies of CBOD, suspended solids and phosphorus are also included. The plant performed very well and was able to meet the effluent objectives for CBOD, suspended solids, phosphorus, ammonia and pH.

Table 1
Effluent Limits and Objectives for CBOD5, Suspended Solids, Total Phosphorus, pH

Effluent Parameter	Limit Annual Average (mg/L)	Objective Annual Average (mg/L)	2014 Annual Average (mg/L)	Loading Limit Annual Average (kg/day)	Loading Objective Annual Average (kg/day)	2014 Annual Average (kg/day)	% Removal
CBOD5	15	10	3.42	14.18	9.45	2.38	95.2
Suspended Solids	15	10	3.7	14.18	9.45	2.62	95.5
Effluent Parameter	Limit Monthly Average (mg/L)	Objective Monthly Average (mg/L)	2014 Monthly Average Range (mg/L)	Loading Limit Annual Average (kg/day)	Loading Objective Annual Average (kg/day)	2014 Annual Average (kg/day)	% Removal
Total Phosphorus	0.5	0.3	0.05 – 0.12	0.47	0.28	0.05	96.3
Effluent Parameter	Limit 6.0 – 9.5, inclusive, at all times (no Objectives)						
pH	6.37 – 7.97						

Table 2
Effluent Limits and Objectives for Ammonia + Ammonium (Nitrogen)

Effluent Parameter Limit	Limit Seasonal Average (mg/L)	2014 Seasonal Average (mg/L)	Limit Loading Seasonal Average (kg/day)	2014 Seasonal Average Loading (kg/day)
Ammonia Oct 1-Apr 30	6	0.26	5.7	0.38
Ammonia May 1-Sep 30	12	0.23	11.3	0.33
Effluent Parameter Objective	Objective Seasonal Average (mg/L)	2014 Seasonal Average (mg/L)	Objective Loading Seasonal Average (kg/day)	2014 Seasonal Average Loading (kg/day)
Ammonia May 1-Nov 30	<3	0.32	<2.8	0.29
Ammonia Dec 1-Apr 30	<6	0.20	<5.7	0.47

The peak daily flow in 2014 was 1,804m³ on April 8, 2014 – approximately 53% of the max daily peak capacity of 3,410 m³ set in the Certificate of Approval Section 1.1. The average daily flow of sewage in 2014 was 692m³ well below the rated capacity of 945m³ set in Section 1.1. The plant operated at approximately 73% of its rated capacity throughout the calendar year.

The monthly geometric mean density of E. Coli in the final effluent did not exceed the 200 organisms/100 mL requirement of Condition 1.7 of the Certificate of Approval.

Attached as, **Appendix II** is a summary of **chemical usage** (alum and chlorine) for the year. The summary includes chlorine residual monthly averages and monthly maximums.

The chlorine residual is not to exceed 0.5 mg/l as set out in Condition 1.4 of the Certificate of Approval. There were no instances in 2014 where the residual was recorded as greater than 0.5 mg/L as summarized in Table 3.

**Table 3
Disinfection**

Effluent Parameter	Limit (mg/L)	Objective (mg/L)	2014 Annual Average (mg/l)	2014 Annual Maximum (mg/l)
Total Chlorine Residual (mg/L)	0.5	0.2	0.14	0.48

(c) Effluent quality assurance is maintained several ways. Laboratory samples are sent to accredited laboratory (SGS Lakefield) for analysis of all effluent parameters. Sampling calendars issued to the operator denote frequency of sampling and these calendars are submitted to the Process Compliance Technician at the end of each month. Work orders illustrating all scheduled and preventative maintenance to be completed are issued to the operator and/or mechanic. Upon completion the work orders are sent to the Operations and Maintenance Team Lead, who updates OCWA's Hansen system (please see Maintenance Summary attached as Appendix III). OCWA conducts internal audits of the facility and develops Action Plans to ensure deficiencies are identified. The most recent Ministry of Environment Inspection was conducted at the facility on January 19th, 2010.

(d) Attached is **Appendix III: Maintenance Summary**. In 2014, one of the two blowers was replaced with a high efficiency unit. The spare pump for SPS #1 was installed and the piping in SPS #2 was replaced.

(e) Four tertiary filter by-pass events occurred in 2014. The Operations Event Forms and sampling results are provided in **Appendix IV**. All events were reported to MOH and MOE, monitored and all required samples were collected on each day of the bypass events. By-pass events occurred as follows:

- April 10, 2014 due to snow melt
- June 24, 2014 due to heavy rain
- September 21, 2014 power outage
- November 25, 2014 power outage

(f) Replacement of the existing comminuter is proposed for 2015 due to its age. The second of the two blowers is proposed for replacement in 2015 with a more efficient unit. A spare pump for SPS #2 was purchased in 2014 while a spare pump for SPS #1 is to be purchased in 2015. New chemical (alum) pumps and tertiary filter train overhaul are proposed for 2015.

(g) Attached is **Appendix V: Biosolids Summary** that contains quantities of organics, inorganics, e-coli and volumes of sludge generated for the reporting period - which was a total of 1,058m³. This is consistent with 2013 when 1,070m³ of sludge was hauled. The anticipated volume for the next reporting period is not expected to be appreciably different from this reporting period.

(h) No change expected from the current sludge handling methods and disposal areas currently utilized. Sewage Biosolids are currently removed by Shepherd Septic Services under Provisional Certificate of Approval Number A710160.

(i) Attached is **Appendix VI: Calibration reports** which contains the 2014 calibration report for monitoring equipment.

End.



Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Appendix I:
Performance Assessment Report
Seasonal Effluent Ammonia+Ammonium (N) Calculations
&
Annual Summary of Effluent Chlorine Residuals, pH &
Temperature



Ontario Clean Water Agency Performance Assessment Report Wastewater/Lagoon

From 01/01/2014 to 12/31/2014

Facility: [5839] - Minden Hills Wastewater Treatment Plant
Works: [110002390] - Minden Hills Wastewater Treatment Plant

	01/2014	02/2014	03/2014	04/2014	05/2014	06/2014	07/2014	08/2014	09/2014	10/2014	11/2014	12/2014	<-- Total -->	<-- Avg. -->	<-- Max. -->	<-- Criteria-->
Flow:																
Raw: Total Flow 1000 m3	16.467	13.516	15.608	36.801	26.954	20.594	25.964	17.603	16.334	18.598	22.847	21.186	252.472			
Raw: Avg. Day Flow 1000 m3/day	0.531	0.483	0.503	1.227	0.869	0.686	0.838	0.568	0.544	0.6	0.762	0.683		0.692		
Raw: Max. Day Flow 1000 m3/day	0.689	0.628	0.675	1.804	1.277	1.011	1.134	0.621	0.667	0.665	1.29	0.858			1.804	
Eff: Total Flow 1000 m3	16.467	13.516	15.608	36.801	26.954	20.594	25.964	17.603	16.334	18.598	22.847	21.186	252.472			
Eff: Avg. Day Flow 1000 m3/day	0.531	0.483	0.503	1.227	0.869	0.686	0.838	0.568	0.544	0.6	0.762	0.683		0.692		
Eff: Max. Day Flow 1000 m3/day	0.689	0.628	0.675	1.804	1.277	1.011	1.134	0.621	0.667	0.665	1.29	0.858			1.804	
Carbonaceous Biochemical Oxygen Demand:																
Raw: Avg. CBOD5 (mg/L)	201.0	106.0	100.0	85.0	33.0	155.0	25.0	182.0	88.5	66.0	61.0	133.0		102.958	201.0	
Raw: Number of Samples CBOD5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	13.0			
Eff: Avg. CBOD5 (mg/L)	4.0	2.0	4.0	4.0	2.0	2.0	4.0	4.0	3.0	4.0	4.0	4.0		3.417	4.0	15.0
Eff: Number of Samples CBOD5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	13.0			
CBOD5 Loading (kg/d)	2.125	0.965	2.014	4.907	1.739	1.373	3.35	2.271	1.633	2.4	3.046	2.734		2.38	4.907	
CBOD5 Percent Removal	98.01	98.113	96.0	95.294	93.939	98.71	84.0	97.802	96.61	93.939	93.443	96.992			98.71	
Suspended Solids:																
Raw: Avg. SS (mg/L)	250.0	124.0	122.0	142.0	24.0	159.0	40.0	148.0	134.5	43.0	34.0	107.0		110.625	250.0	
Raw: Number of Samples SS	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	13.0			
Eff: Avg. SS (mg/L)	5.0	3.0	3.0	7.0	2.0	2.0	2.0	2.0	9.5	3.0	3.0	3.0		3.708	16.0	15.0
Eff: Number of Samples SS	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	13.0			
SS Loading (kg/d)	2.656	1.448	1.51	8.587	1.739	1.373	1.675	1.136	5.172	1.8	2.285	2.05		2.619	8.587	
SS Percent Removal	98.0	97.581	97.541	95.07	91.667	98.742	95.0	98.649	92.937	93.023	91.176	97.196			98.742	
Phosphorus:																
Raw: Avg. Phos (mg/L)	3.457	2.113	2.953	0.889	2.479	3.109	1.691	3.599	2.339	2.164	1.36	1.647		2.317	6.88	
Raw: Number of Samples Phos	13.0	12.0	12.0	14.0	13.0	13.0	14.0	12.0	14.0	14.0	12.0	14.0	157.0			

Note: 1. The Total, Average, Max and Criteria summaries are not included in the wastewater XML files submitted to the MOE.

2. The annual average concentrations are calculated by taking the arithmetic mean of the monthly average concentration in the effluent calculated for any particular calendar year.

Parameters List: OCWA PDC - MEWS

CBOD5 - Carbonaceous Biochemical Oxygen Demand 5 Day; BOD5 - Biochemical Oxygen Demand, 5 Day, Total Demand; Suspended Solids - Residue, Particulate; NH3 + NH4 as N - Ammonium + Ammonia, Total Unfil. React. ; Total Phosphorus - Phosphorus, Unfiltered Total
TKN - Nitrogen, Total Kjeldahl Unf. Tot; Nitrate as N - Nitrate, Unfiltered Reactive; Nitrite as N - Nitrite, Unfiltered Reactive; E coli - Escherichia Coli MF

Legend:

Tag group:

Dis-Disinfection, Eff-Final Effluent, Raw-Raw Sewage



Ontario Clean Water Agency Performance Assessment Report Wastewater/Lagoon

From 01/01/2014 to 12/31/2014

Facility: [5839] - Minden Hills Wastewater Treatment Plant
Works: [110002390] - Minden Hills Wastewater Treatment Plant

	01/2014	02/2014	03/2014	04/2014	05/2014	06/2014	07/2014	08/2014	09/2014	10/2014	11/2014	12/2014	<-- Total -->	<-- Avg. -->	<-- Max. -->	<-- Criteria-->
Phosphorus:																
Eff: Avg. Phos (mg/L)	0.118	0.068	0.053	0.064	0.046	0.087	0.071	0.122	0.089	0.091	0.055	0.064	0.077	0.27	0.5	
Eff: Number of Samples Phos	13.0	12.0	12.0	14.0	13.0	13.0	14.0	12.0	14.0	14.0	12.0	14.0	157.0			
Phos. Loading (kg/d)	0.063	0.033	0.027	0.079	0.04	0.06	0.06	0.069	0.049	0.055	0.042	0.043	0.052	0.079		
Total Phos Percent Removal	96.573	96.805	98.194	92.765	98.138	97.204	95.775	96.62	96.183	95.774	95.956	96.141		98.194		
Nitrogen Series:																
Eff: Avg. NH3 + NH4 (mg/L)	0.2	1.0	0.2	0.1	0.1	0.1	0.4	0.6	0.1	0.1	0.1	0.1	0.258	1.0	6.0	
Eff: Number of Samples NH3 + NH4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	13.0			
NH3 + NH4 Loading (kg/d)	0.106	0.483	0.101	0.123	0.087	0.069	0.335	0.341	0.054	0.06	0.076	0.068	0.159	0.483		
Raw: Avg. TKN (mg/L)	30.1	24.9	39.9	19.5	11.9	24.4	7.5	30.2	24.2	21.1	15.9	24.4	22.833	39.9		
Raw: # of SamplesTKN	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	13.0			
Disinfection:																
Eff: Geometric Mean E. Coli per 100 ml	2.0	10.0	2.0	2.0	2.0	4.0	128.0	10.0	27.495	8.0	8.0	62.0	8.977	128.0	200.0	
Eff: Number of Samples E. Coli per 100 ml	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0				

Note: 1. The Total, Average, Max and Criteria summaries are not included in the wastewater XML files submitted to the MOE.

2. The annual average concentrations are calculated by taking the arithmetic mean of the monthly average concentration in the effluent calculated for any particular calendar year.

Parameters List: OCWA PDC - MEWS

CBOD5 - Carbonaceous Biochemical Oxygen Demand 5 Day; BOD5 - Biochemical Oxygen Demand, 5 Day, Total Demand; Suspended Solids - Residue, Particulate; NH3 + NH4 as N - Ammonium + Ammonia, Total Unfil. React. ; Total Phosphorus - Phosphorus, Unfiltered Total
TKN - Nitrogen, Total Kjeldahl Unf. Tot; Nitrate as N - Nitrate, Unfiltered Reactive; Nitrite as N - Nitrite, Unfiltered Reactive; E coli - Escherichia Coli MF

Legend:

Tag group:

Dis-Disinfection, Eff-Final Effluent, Raw-Raw Sewage

Minden Sewage Treatment Plant
 Ammonia + Ammonium Nitrogen - Seasonal Calculations
 Year: 20014

Ammonia + Ammonium Nitrogen - Limit				
Month	Season Oct 1 - Apr 30		Season May 1 - Sep 30	
	concentration mg/L	loading calculations flow 1000m ³	concentration mg/L	loading calculations flow 1000m ³
Jan	0.2	16.467		
Feb	1	13.516		
Mar	0.2	15.608		
Apr	0.1	36.801		
				flow
			May	0.1 26.954
			Jun	0.1 20.594
			Jul	0.4 25.965
			Aug	0.6 17.603
			Sep	0.1 16.334
			Sep	0.1
Oct	0.1	18.598	Ave mg/L	0.23
Nov	0.1	22.847	Total flow	107.45
Dec	0.1	21.186	# of days	153
Ave mg/L	0.26		ave daily seasonal flow	0.702
Total flow		145.023	ave seasonal concentration	0.23
# of days		212	seasonal loading	0.332
ave daily seasonal flow		0.684		
ave seasonal concentration		0.26		
seasonal loading		0.376		

Ammonia + Ammonium Nitrogen - Objective				
Month	Season Dec 1 - Apr 30		Season May 1 - Nov 30	
	concentration mg/L	loading calculations flow 1000m ³	concentration mg/L	loading calculations flow 1000m ³
Jan	0.2	16.467	May	0.1 26.954
Feb	1	13.516	Jun	0.1 20.594
Mar	0.2	15.608	Jul	0.4 25.965
Apr	0.1	36.801	Aug	0.6 17.603
Dec	0.1	21.186	Sep	0.1 16.334
Ave mg/L	0.32	103.578	Sep	0.1
Total flow			Oct	0.1 18.598
# of days		151	Nov	0.1 22.847
ave daily seasonal flow		0.686	Ave mg/L	0.2
ave seasonal concentration		0.32	Total flow	148.895
seasonal loading		0.467	# of days	214
			ave daily seasonal flow	0.696
			ave seasonal concentration	0.2
			seasonal loading	0.287



Ontario Clean Water Agency Monthly Process Data Report

Municipality: Township of Anson Minden Hills
 Facility: [5839] - Minden Hills Wastewater Treatment Plant
 Works: [110002390] - Minden Hills Wastewater Treatment Plant
 Classification: Class 2 Wastewater Collection, Class 2 Wastewater Treatment
 Receiver: Gull River

Period: 01/01/2014 to 12/31/2014
 Serviced Population: 1,300
 Total Design Capacity(m³/day): 3,410.0

	Jan/2014	Feb/2014	Mar/2014	Apr/2014	May/2014	Jun/2014	Jul/2014	Aug/2014	Sep/2014	Oct/2014	Nov/2014	Dec/2014	<-- Summary -->
Disinfection\Disinfection - Disinfection													
Total Chlorine Res. (mg/L)													
Cnt	16.0	12.0	15.0	14.0	14.0	13.0	15.0	12.0	13.0	13.0	13.0	14.0	164.0
Max	0.21	0.17	0.22	0.32	0.48	0.3	0.16	0.19	0.29	0.25	0.22	0.17	0.48
Min	0.07	0.07	0.1	0.07	0.06	0.07	0.04	0.05	0.09	0.06	0.05	0.06	0.04
Final Effluent\Effluent - Final Effluent													
pH													
Cnt	14.0	12.0	12.0	15.0	13.0	13.0	14.0	12.0	13.0	15.0	12.0	15.0	160.0
Max	7.69	7.81	7.86	7.97	7.36	7.71	7.26	7.76	7.3	7.48	7.61	7.94	7.97
Min	6.78	7.46	7.58	6.81	6.85	6.84	6.95	6.87	6.37	7.1	7.25	6.62	6.37
Temperature (C)													
Cnt	14.0	12.0	12.0	15.0	13.0	13.0	14.0	12.0	13.0	15.0	12.0	15.0	160.0
Max	8.9	4.8	5.6	6.7	9.2	12.4	13.5	15.4	14.4	13.0	9.7	8.6	15.4
Min	4.2	3.9	4.3	4.7	6.8	9.6	10.9	12.7	9.6	9.8	6.8	5.9	3.9

Note: ? Calculation not verifiable. At least one result reported as < and at least one result reported >.



Appendix II:
Chemical Usage



Ontario Clean Water Agency Monthly Process Data Report

Municipality: Township of Anson Minden Hills
 Facility: [5839] - Minden Hills Wastewater Treatment Plant
 Works: [110002390] - Minden Hills Wastewater Treatment Plant
 Classification: Class 2 Wastewater Collection, Class 2 Wastewater Treatment
 Receiver: Gull River

Period: 01/01/2014 to 12/31/2014
 Serviced Population: 1,300
 Total Design Capacity(m³/day): 3,410.0

	Jan/2014	Feb/2014	Mar/2014	Apr/2014	May/2014	Jun/2014	Jul/2014	Aug/2014	Sep/2014	Oct/2014	Nov/2014	Dec/2014	<-- Summary -->
Phosphorus Removal\Chem. Add													
Coagulant (kg)													
Avg	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Sum	775.0	700.0	775.0	750.0	775.0	750.0	775.0	775.0	750.0	775.0	750.0	775.0	9,125.0
Dosage (mg/L)													
Avg	47.387	52.171	50.032	21.427	29.477	37.267	30.774	44.174	46.053	41.826	33.813	37.123	39.245
Sum	1,469.0	1,460.8	1,551.0	642.8	913.8	1,118.0	954.0	1,369.4	1,381.6	1,296.6	1,014.4	1,113.7	14,285.1
Disinfection\Disinfection - Disinfection													
Hypochlorite Dosage (mg/L)													
Avg	4.381	5.292	4.796	2.32	2.892	3.747	3.331	4.793	4.922	4.175	3.458	3.81	3.987
Sum	135.8	148.18	148.69	69.61	89.65	112.4	103.25	148.59	147.67	129.41	103.73	118.12	1,455.1
Hypochlorite as Chlorine (kg)													
Avg	2.317	2.557	2.368	2.72	2.526	2.552	2.73	2.714	2.68	2.486	2.59	2.585	2.568
Sum	71.83	71.6	73.42	81.61	78.3	76.57	84.64	84.13	80.4	77.08	77.7	80.12	937.4
Total Chlorine Res. (mg/L)													
Avg	0.127	0.113	0.152	0.17	0.16	0.172	0.103	0.123	0.149	0.137	0.13	0.106	0.137
Max	0.21	0.17	0.22	0.32	0.48	0.3	0.16	0.19	0.29	0.25	0.22	0.17	0.48

Note: ? Calculation not verifiable. At least one result reported as < and at least one result reported >.



Appendix III:
Maintenance Summary

Facility Work Order Summary

MINDEN WWTP [5839]

Scheduled Date from Jan 1, 2014 to Dec 31, 2014

WO #	Equipment #	Equipment Description	Activity Code	Activity Description	Maint. Freq	Scheduled Date	Completion Date
3009232	0000158722	ALARM DIALER OCWA MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009233	0000168290	BLOWER POS DISP 01 AERATION	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009234	0000158716	BLOWER POS DISP 02 AERATION	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009235	0000168273	CLARIFIER SECONDARY CIRCULAR	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009236	0000168302	ENGINE DIESEL MAIN SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009237	0000168280	FILTER SAND TERTIARY TREATMENT	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009238	0000168268	GRINDER COMMUNUTOR 01 MINDEN WWTP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009239	0000168265	MCC MINDEN WWTP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009240	0000168343	METER FLOW EFFLUENT PLANT	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009241	0000168300	PANEL CONTROL ALUM PUMPS	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009242	0000168279	PANEL CONTROL FILTER BRIDGE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009243	0000168305	PANEL CONTROL PUMPS SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009244	0000168303	PANEL TRANSFER/CONTROL SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009245	0000158720	PUMP CENT FILTER BACKWASH	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009246	0000158719	PUMP CENT FILTER SKIMMER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009247	0000168299	PUMP DIAPH 01 ALUM	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009248	0000168298	PUMP DIAPH 02 ALUM	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009249	0000158723	PUMP DIAPH CHLORINE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009250	0000168288	PUMP SUBM BACKWASH WASTE MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014

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3009251	0000168342	PUMP SUBM SLUDGE LOADING MINDEN	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009252	0000208215	PUMP SUBM 01 SPS 02 MINDEN	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009253	0000208216	PUMP SUBM 02 SPS 02 MINDEN	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009254	0000168274	TANK AERATION 1A/1B/2	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009255	0000208169	VALVE BACK PREV WATER METER 01	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009256	0000208264	PUMP SUBM 02 MAIN SPS 01	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009257	0000073586	OUTPOST 5 MINDEN WWTP	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009258	0000073577	OUTPOST 5 MINDEN SPS1	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009259	0000168282	GEAR DRIVE FILTER BRIDGE	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009260	0000168270	GEAR DRIVE CLARIFIER	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009261	0000192283	METER FLOW POTABLE WATER	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009262	0000192285	METER LEVEL WET WELL SPS01	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009263	0000192286	METER LEVEL WET WELL SPS02	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009264	0000192276	ENGINE DIESEL PORTABLE	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009265	0000168304	BATTERY CHARGER MAIN SPS 1	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009266	0000192275	PUMP CENT EFFLUENT PUMP	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009267	0000192278	SAMPLER EFFLUENT SEWAGE	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009268	0000208003	PANEL CONTROL PUMPS SPS 2	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009269	0000158717	PUMP SUBM 01 SPS 01	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009270	0000168301	GENERATOR ELECTRIC MAIN SPS 1	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009271	0000192277	GENERATOR ELECTRIC	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009272	0000192757	FILTER AIR BLOWER 01	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014

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3009273	0000192758	FILTER AIR BLOWER 02	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009274	0000204816	RECORDER DATA LOGGER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009275	0000192962	PUMP SUBM DECANT	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	01/01/2014	01/30/2014
3009710	0000158722	ALARM DIALER OCWA MINDEN	F8722A	ALARM DIALER	Annually	01/01/2014	01/07/2015
3009711	0000158722	ALARM DIALER OCWA MINDEN	F8722M	ALARM DIALER	Monthly	01/01/2014	01/14/2014
3009713	0000168297	TANK ALUM	G8297A	TANK ALUM	Annually	01/01/2014	01/14/2014
3009716	0000168302	ENGINE DIESEL MAIN SPS 1	G8302M	ENGINE DIESEL	Monthly	01/01/2014	01/14/2014
3009717	0000168318	LIFTING DEVICE ELEC PORTABLE	G8318A	LIFTING DEVICE	Annually	01/01/2014	04/28/2014
3009718	0000168343	METER FLOW EFFLUENT PLANT	G8343A	METER FLOW	Annually	05/01/2014	06/11/2014
3009719	0000192276	ENGINE DIESEL PORTABLE	J2276M	ENGINE DIESEL	Monthly	01/01/2014	01/14/2014
3009721	0000192285	METER LEVEL WET WELL SPS01	J2285A	METER FLOW	Annually	05/01/2014	06/11/2014
3009722	0000192286	METER LEVEL WET WELL SPS02	J2286A	METER FLOW	Annually	05/01/2014	06/11/2014
3009723	0000192467	SPILL KIT 25	J2467S	SPILL KIT	Semi-annually	01/01/2014	01/14/2014
3009724	0000204816	RECORDER DATA LOGGER	K4816A	RECORDER DATA LOGGER	Annually	05/01/2014	06/11/2014
3009728		Facility	OG36M	MONTHLY EMERG LIGHTING TE		01/01/2014	01/14/2014
3009729		Facility	OG01	BUILDING & GROUND MAINTEN	OG01	01/01/2014	01/14/2014
3009731		Facility	OG32	1ST AID/EYE WASH	OG32	01/01/2014	01/14/2014
3009733		Facility	OG35	FACILITY EMERGENCY PLAN R	OG35	01/01/2014	06/30/2014
3035588	0000158722	ALARM DIALER OCWA MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035589	0000168290	BLOWER POS DISP 01 AERATION	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035590	0000158716	BLOWER POS DISP 02 AERATION	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035591	0000168273	CLARIFIER SECONDARY CIRCULAR	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035592	0000168302	ENGINE DIESEL MAIN SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035593	0000168280	FILTER SAND TERTIARY TREATMENT	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035594	0000168268	GRINDER COMMUNOTOR 01 MINDEN WWTP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035595	0000168265	MCC MINDEN WWTP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035596	0000168343	METER FLOW EFFLUENT PLANT	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014

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3035597	0000168300	PANEL CONTROL ALUM PUMPS	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035598	0000168279	PANEL CONTROL FILTER BRIDGE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035599	0000168305	PANEL CONTROL PUMPS SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035600	0000168303	PANEL TRANSFER/CONTROL SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035601	0000158720	PUMP CENT FILTER BACKWASH	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035602	0000158719	PUMP CENT FILTER SKIMMER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035603	0000168299	PUMP DIAPH 01 ALUM	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035604	0000168298	PUMP DIAPH 02 ALUM	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035605	0000158723	PUMP DIAPH CHLORINE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035606	0000168288	PUMP SUBM BACKWASH WASTE MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035607	0000168342	PUMP SUBM SLUDGE LOADING MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035608	0000208215	PUMP SUBM 01 SPS 02 MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035609	0000208216	PUMP SUBM 02 SPS 02 MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035610	0000168274	TANK AERATION 1A/1B/2	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035611	0000208169	VALVE BACK PREV WATER METER 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035612	0000208264	PUMP SUBM 02 MAIN SPS 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035613	0000073586	OUTPOST 5 MINDEN WWTP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035614	0000073577	OUTPOST 5 MINDEN SPS1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035615	0000168282	GEAR DRIVE FILTER BRIDGE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035616	0000168270	GEAR DRIVE CLARIFIER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035617	0000192283	METER FLOW POTABLE WATER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035618	0000192285	METER LEVEL WET WELL SPS01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014

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3035619	0000192286	METER LEVEL WET WELL SPS02	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035620	0000192276	ENGINE DIESEL PORTABLE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035621	0000168304	BATTERY CHARGER MAIN SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035622	0000192275	PUMP CENT EFFLUENT PUMP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035623	0000192278	SAMPLER EFFLUENT SEWAGE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035624	0000208003	PANEL CONTROL PUMPS SPS 2	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035625	0000158717	PUMP SUBM 01 SPS 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035626	0000168301	GENERATOR ELECTRIC MAIN SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035627	0000192277	GENERATOR ELECTRIC	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035628	0000192757	FILTER AIR BLOWER 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035629	0000192758	FILTER AIR BLOWER 02	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035630	0000204816	RECORDER DATA LOGGER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3035631	0000192962	PUMP SUBM DECANT	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	02/03/2014	02/27/2014
3036256	0000158722	ALARM DIALER OCWA MINDEN	F8722M	ALARM DIALER	Monthly	02/03/2014	02/19/2014
3036257	0000168302	ENGINE DIESEL MAIN SPS 1	G8302M	ENGINE DIESEL	Monthly	02/03/2014	02/19/2014
3036258	0000192276	ENGINE DIESEL PORTABLE	J2276M	ENGINE DIESEL	Monthly	02/03/2014	02/20/2014
3036261		Facility	OG36M	MONTHLY EMERG LIGHTING TE		02/03/2014	02/19/2014
3036262		Facility	OG01	BUILDING & GROUND MAINTEN	OG01	02/03/2014	02/26/2014
3036263		Facility	OG32	1ST AID/EYE WASH	OG32	02/03/2014	02/27/2014
3043118	0000168265	MCC MINDEN WWTP	OG02	CAPITAL PROJECT	OG02		03/03/2014
3045616		Facility	OG02	CAPITAL PROJECT	OG02	02/14/2014	04/29/2014
3055628	0000158722	ALARM DIALER OCWA MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055629	0000168290	BLOWER POS DISP 01 AERATION	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055630	0000158716	BLOWER POS DISP 02 AERATION	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055631	0000168273	CLARIFIER SECONDARY CIRCULAR	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014

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3055632	0000168302	ENGINE DIESEL MAIN SPS 1	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055633	0000168280	FILTER SAND TERTIARY TREATMENT	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055634	0000168268	GRINDER COMMUNOTOR 01 MINDEN WWTP	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055635	0000168265	MCC MINDEN WWTP	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055636	0000168343	METER FLOW EFFLUENT PLANT	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055637	0000168300	PANEL CONTROL ALUM PUMPS	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055638	0000168279	PANEL CONTROL FILTER BRIDGE	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055639	0000168305	PANEL CONTROL PUMPS SPS 1	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055640	0000168303	PANEL TRANSFER/CONTROL SPS 1	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055641	0000158720	PUMP CENT FILTER BACKWASH	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055642	0000158719	PUMP CENT FILTER SKIMMER	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055643	0000168299	PUMP DIAPH 01 ALUM	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055644	0000168298	PUMP DIAPH 02 ALUM	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055645	0000158723	PUMP DIAPH CHLORINE	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055646	0000168288	PUMP SUBM BACKWASH WASTE MINDEN	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055647	0000168342	PUMP SUBM SLUDGE LOADING MINDEN	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055648	0000208215	PUMP SUBM 01 SPS 02 MINDEN	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055649	0000208216	PUMP SUBM 02 SPS 02 MINDEN	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055650	0000168274	TANK AERATION 1A/1B/2	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055651	0000208169	VALVE BACK PREV WATER METER 01	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055652	0000208264	PUMP SUBM 02 MAIN SPS 01	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055653	0000073586	OUTPOST 5 MINDEN WWTP	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014

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3055654	0000073577	OUTPOST 5 MINDEN SPS1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055655	0000168282	GEAR DRIVE FILTER BRIDGE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055656	0000168270	GEAR DRIVE CLARIFIER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055657	0000192283	METER FLOW POTABLE WATER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055658	0000192285	METER LEVEL WET WELL SPS01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055659	0000192286	METER LEVEL WET WELL SPS02	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055660	0000192276	ENGINE DIESEL PORTABLE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055661	0000168304	BATTERY CHARGER MAIN SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055662	0000192275	PUMP CENT EFFLUENT PUMP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055663	0000192278	SAMPLER EFFLUENT SEWAGE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055664	0000208003	PANEL CONTROL PUMPS SPS 2	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055665	0000158717	PUMP SUBM 01 SPS 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055666	0000168301	GENERATOR ELECTRIC MAIN SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055667	0000192277	GENERATOR ELECTRIC	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055668	0000192757	FILTER AIR BLOWER 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055669	0000192758	FILTER AIR BLOWER 02	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055670	0000204816	RECORDER DATA LOGGER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3055671	0000192962	PUMP SUBM DECANT	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	03/03/2014	03/24/2014
3056039	0000158722	ALARM DIALER OCWA MINDEN	F8722M	ALARM DIALER	Monthly	03/03/2014	03/20/2014
3056040	0000168302	ENGINE DIESEL MAIN SPS 1	G8302M	ENGINE DIESEL	Monthly	03/03/2014	03/21/2014
3056041	0000192276	ENGINE DIESEL PORTABLE	J2276M	ENGINE DIESEL	Monthly	03/03/2014	03/13/2014
3056042		Facility	OG36M	MONTHLY EMERG LIGHTING TE		03/03/2014	03/17/2014
3056043		Facility	OG01	BUILDING & GROUND MAINTEN	OG01	03/03/2014	03/04/2014
3056044		Facility	OG32	1ST AID/EYE WASH	OG32	03/03/2014	03/13/2014

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3075023	0000158722	ALARM DIALER OCWA MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075024	0000168290	BLOWER POS DISP 01 AERATION	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075025	0000158716	BLOWER POS DISP 02 AERATION	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075026	0000168273	CLARIFIER SECONDARY CIRCULAR	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075027	0000168302	ENGINE DIESEL MAIN SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075028	0000168280	FILTER SAND TERTIARY TREATMENT	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075029	0000168268	GRINDER COMMUNOTOR 01 MINDEN WWTP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075030	0000168265	MCC MINDEN WWTP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075031	0000168343	METER FLOW EFFLUENT PLANT	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075032	0000168300	PANEL CONTROL ALUM PUMPS	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075033	0000168279	PANEL CONTROL FILTER BRIDGE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075034	0000168305	PANEL CONTROL PUMPS SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075035	0000168303	PANEL TRANSFER/CONTROL SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075036	0000158720	PUMP CENT FILTER BACKWASH	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075037	0000158719	PUMP CENT FILTER SKIMMER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075038	0000168299	PUMP DIAPH 01 ALUM	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075039	0000168298	PUMP DIAPH 02 ALUM	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075040	0000158723	PUMP DIAPH CHLORINE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075041	0000168288	PUMP SUBM BACKWASH WASTE MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075042	0000168342	PUMP SUBM SLUDGE LOADING MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075043	0000208215	PUMP SUBM 01 SPS 02 MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075044	0000208216	PUMP SUBM 02 SPS 02 MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014

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3075045	0000168274	TANK AERATION 1A/1B/2	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075046	0000208169	VALVE BACK PREV WATER METER 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075047	0000208264	PUMP SUBM 02 MAIN SPS 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075048	0000073586	OUTPOST 5 MINDEN WWTP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075049	0000073577	OUTPOST 5 MINDEN SPS1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075050	0000168282	GEAR DRIVE FILTER BRIDGE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075051	0000168270	GEAR DRIVE CLARIFIER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075052	0000192283	METER FLOW POTABLE WATER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075053	0000192285	METER LEVEL WET WELL SPS01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075054	0000192286	METER LEVEL WET WELL SPS02	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075055	0000192276	ENGINE DIESEL PORTABLE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075056	0000168304	BATTERY CHARGER MAIN SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075057	0000192275	PUMP CENT EFFLUENT PUMP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075058	0000192278	SAMPLER EFFLUENT SEWAGE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075059	0000208003	PANEL CONTROL PUMPS SPS 2	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075060	0000158717	PUMP SUBM 01 SPS 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075061	0000168301	GENERATOR ELECTRIC MAIN SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075062	0000192277	GENERATOR ELECTRIC	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075063	0000192757	FILTER AIR BLOWER 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075064	0000192758	FILTER AIR BLOWER 02	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075065	0000204816	RECORDER DATA LOGGER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014
3075066	0000192962	PUMP SUBM DECANT	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	04/01/2014	04/30/2014

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3075435	0000158722	ALARM DIALER OCWA MINDEN	F8722M	ALARM DIALER	Monthly	04/01/2014	04/04/2014
3075436	0000168302	ENGINE DIESEL MAIN SPS 1	G8302M	ENGINE DIESEL	Monthly	04/01/2014	04/27/2014
3075437	0000192276	ENGINE DIESEL PORTABLE	J2276M	ENGINE DIESEL	Monthly	04/01/2014	04/23/2014
3075442		Facility	OG36M	MONTHLY EMERG LIGHTING TE		04/01/2014	04/23/2014
3075443		Facility	OG01	BUILDING & GROUND MAINTEN	OG01	04/01/2014	04/23/2014
3075444		Facility	OG32	1ST AID/EYE WASH	OG32	04/01/2014	04/30/2014
3095029	0000158722	ALARM DIALER OCWA MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095030	0000168290	BLOWER POS DISP 01 AERATION	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095031	0000158716	BLOWER POS DISP 02 AERATION	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095032	0000168273	CLARIFIER SECONDARY CIRCULAR	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095033	0000168302	ENGINE DIESEL MAIN SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095034	0000168280	FILTER SAND TERTIARY TREATMENT	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095035	0000168268	GRINDER COMMUNOTOR 01 MINDEN WWTP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095036	0000168265	MCC MINDEN WWTP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095037	0000168343	METER FLOW EFFLUENT PLANT	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095038	0000168300	PANEL CONTROL ALUM PUMPS	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095039	0000168279	PANEL CONTROL FILTER BRIDGE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095040	0000168305	PANEL CONTROL PUMPS SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095041	0000168303	PANEL TRANSFER/CONTROL SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095042	0000158720	PUMP CENT FILTER BACKWASH	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095043	0000158719	PUMP CENT FILTER SKIMMER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095044	0000168299	PUMP DIAPH 01 ALUM	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095045	0000168298	PUMP DIAPH 02 ALUM	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095046	0000158723	PUMP DIAPH CHLORINE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014

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3095047	0000168288	PUMP SUBM BACKWASH WASTE MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095048	0000168342	PUMP SUBM SLUDGE LOADING MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095049	0000208215	PUMP SUBM 01 SPS 02 MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095050	0000208216	PUMP SUBM 02 SPS 02 MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095051	0000168274	TANK AERATION 1A/1B/2	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095052	0000208169	VALVE BACK PREV WATER METER 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095053	0000208264	PUMP SUBM 02 MAIN SPS 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095054	0000073586	OUTPOST 5 MINDEN WWTP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095055	0000073577	OUTPOST 5 MINDEN SPS1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095056	0000168282	GEAR DRIVE FILTER BRIDGE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095057	0000168270	GEAR DRIVE CLARIFIER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095058	0000192283	METER FLOW POTABLE WATER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095059	0000192285	METER LEVEL WET WELL SPS01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095060	0000192286	METER LEVEL WET WELL SPS02	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095061	0000192276	ENGINE DIESEL PORTABLE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095062	0000168304	BATTERY CHARGER MAIN SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095063	0000192275	PUMP CENT EFFLUENT PUMP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095064	0000192278	SAMPLER EFFLUENT SEWAGE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095065	0000208003	PANEL CONTROL PUMPS SPS 2	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095066	0000158717	PUMP SUBM 01 SPS 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095067	0000168301	GENERATOR ELECTRIC MAIN SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095068	0000192277	GENERATOR ELECTRIC	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014

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3095069	0000192757	FILTER AIR BLOWER 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095070	0000192758	FILTER AIR BLOWER 02	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095071	0000204816	RECORDER DATA LOGGER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095072	0000192962	PUMP SUBM DECANT	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	05/01/2014	05/30/2014
3095557	0000158722	ALARM DIALER OCWA MINDEN	F8722M	ALARM DIALER	Monthly	05/01/2014	05/22/2014
3095558	0000168302	ENGINE DIESEL MAIN SPS 1	G8302M	ENGINE DIESEL	Monthly	05/01/2014	05/22/2014
3095561	0000192276	ENGINE DIESEL PORTABLE	J2276M	ENGINE DIESEL	Monthly	05/01/2014	05/22/2014
3095562		Facility	OG36M	MONTHLY EMERG LIGHTING TE		05/01/2014	05/22/2014
3095563		Facility	OG01	BUILDING & GROUND MAINTEN	OG01	05/01/2014	05/26/2014
3095564		Facility	OG32	1ST AID/EYE WASH	OG32	05/01/2014	05/06/2014
3109318		Facility	KHFEPA	FEP ANNUAL REVIEW	Annually	06/02/2014	06/30/2014
3110149	0000158722	ALARM DIALER OCWA MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110150	0000168290	BLOWER POS DISP 01 AERATION	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110151	0000158716	BLOWER POS DISP 02 AERATION	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110152	0000168273	CLARIFIER SECONDARY CIRCULAR	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110153	0000168302	ENGINE DIESEL MAIN SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110154	0000168280	FILTER SAND TERTIARY TREATMENT	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110155	0000168268	GRINDER COMMINUTOR 01 MINDEN WWTP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110156	0000168265	MCC MINDEN WWTP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110157	0000168343	METER FLOW EFFLUENT PLANT	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110158	0000168300	PANEL CONTROL ALUM PUMPS	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110159	0000168279	PANEL CONTROL FILTER BRIDGE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110160	0000168305	PANEL CONTROL PUMPS SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110161	0000168303	PANEL TRANSFER/CONTROL SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014

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3110162	0000158720	PUMP CENT FILTER BACKWASH	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110163	0000158719	PUMP CENT FILTER SKIMMER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110164	0000168299	PUMP DIAPH 01 ALUM	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110165	0000168298	PUMP DIAPH 02 ALUM	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110166	0000158723	PUMP DIAPH CHLORINE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110167	0000168288	PUMP SUBM BACKWASH WASTE MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110168	0000168342	PUMP SUBM SLUDGE LOADING MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110169	0000208215	PUMP SUBM 01 SPS 02 MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110170	0000208216	PUMP SUBM 02 SPS 02 MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110171	0000168274	TANK AERATION 1A/1B/2	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110172	0000208169	VALVE BACK PREV WATER METER 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110173	0000208264	PUMP SUBM 02 MAIN SPS 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110174	0000073586	OUTPOST 5 MINDEN WWTP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110175	0000073577	OUTPOST 5 MINDEN SPS1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110176	0000168282	GEAR DRIVE FILTER BRIDGE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110177	0000168270	GEAR DRIVE CLARIFIER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110178	0000192283	METER FLOW POTABLE WATER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110179	0000192285	METER LEVEL WET WELL SPS01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110180	0000192286	METER LEVEL WET WELL SPS02	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110181	0000192276	ENGINE DIESEL PORTABLE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110182	0000168304	BATTERY CHARGER MAIN SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110183	0000192275	PUMP CENT EFFLUENT PUMP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014

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3110184	0000192278	SAMPLER EFFLUENT SEWAGE	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110185	0000208003	PANEL CONTROL PUMPS SPS 2	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110186	0000158717	PUMP SUBM 01 SPS 01	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110187	0000168301	GENERATOR ELECTRIC MAIN SPS 1	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110188	0000192277	GENERATOR ELECTRIC	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110189	0000192757	FILTER AIR BLOWER 01	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110190	0000192758	FILTER AIR BLOWER 02	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110191	0000204816	RECORDER DATA LOGGER	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3110192	0000192962	PUMP SUBM DECANT	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	06/02/2014	06/29/2014
3111878	0000158722	ALARM DIALER OCWA MINDEN	F8722M	ALARM DIALER	Monthly	06/02/2014	06/27/2014
3111879	0000168302	ENGINE DIESEL MAIN SPS 1	G8302M	ENGINE DIESEL	Monthly	06/02/2014	06/10/2014
3111880	0000192276	ENGINE DIESEL PORTABLE	J2276M	ENGINE DIESEL	Monthly	06/02/2014	06/10/2014
3111881		Facility	OG36M	MONTHLY EMERG LIGHTING TE		06/02/2014	06/10/2014
3111882		Facility	OG01	BUILDING & GROUND MAINTEN	OG01	06/02/2014	06/11/2014
3111883		Facility	OG32KA	1ST AID/EYE WASH/FIRE SYS	Annually	06/02/2014	06/10/2014
3117411		Facility	OG02	CAPITAL PROJECT	OG02	06/02/2014	01/21/2015
3127470	0000168302	ENGINE DIESEL MAIN SPS 1	G8302A	ENGINE DIESEL	Annually	07/01/2014	09/10/2014
3127471	0000192276	ENGINE DIESEL PORTABLE	J2276A	ENGINE DIESEL	Annually	07/01/2014	09/10/2014
3127500	0000204816	RECORDER DATA LOGGER	K4816M	RECORDER DATA LOGGER	Monthly	07/01/2014	07/31/2014
3127681	0000158722	ALARM DIALER OCWA MINDEN	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127682	0000168290	BLOWER POS DISP 01 AERATION	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127683	0000158716	BLOWER POS DISP 02 AERATION	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127684	0000168273	CLARIFIER SECONDARY CIRCULAR	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127685	0000168302	ENGINE DIESEL MAIN SPS 1	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127686	0000168280	FILTER SAND TERTIARY TREATMENT	WEEKKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014

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3127687	0000168268	GRINDER COMMUNOTOR 01 MINDEN WWTP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127688	0000168265	MCC MINDEN WWTP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127689	0000168343	METER FLOW EFFLUENT PLANT	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127690	0000168300	PANEL CONTROL ALUM PUMPS	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127691	0000168279	PANEL CONTROL FILTER BRIDGE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127692	0000168305	PANEL CONTROL PUMPS SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127693	0000168303	PANEL TRANSFER/CONTROL SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127694	0000158720	PUMP CENT FILTER BACKWASH	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127695	0000158719	PUMP CENT FILTER SKIMMER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127696	0000168299	PUMP DIAPH 01 ALUM	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127697	0000168298	PUMP DIAPH 02 ALUM	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127698	0000158723	PUMP DIAPH CHLORINE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127699	0000168288	PUMP SUBM BACKWASH WASTE MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127700	0000168342	PUMP SUBM SLUDGE LOADING MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127701	0000208215	PUMP SUBM 01 SPS 02 MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127702	0000208216	PUMP SUBM 02 SPS 02 MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127703	0000168274	TANK AERATION 1A/1B/2	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127704	0000208169	VALVE BACK PREV WATER METER 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127705	0000208264	PUMP SUBM 02 MAIN SPS 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127706	0000073586	OUTPOST 5 MINDEN WWTP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127707	0000073577	OUTPOST 5 MINDEN SPS1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127708	0000168282	GEAR DRIVE FILTER BRIDGE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014

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3127709	0000168270	GEAR DRIVE CLARIFIER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127710	0000192283	METER FLOW POTABLE WATER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127711	0000192285	METER LEVEL WET WELL SPS01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127712	0000192286	METER LEVEL WET WELL SPS02	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127713	0000192276	ENGINE DIESEL PORTABLE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127714	0000168304	BATTERY CHARGER MAIN SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127715	0000192275	PUMP CENT EFFLUENT PUMP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127716	0000192278	SAMPLER EFFLUENT SEWAGE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127717	0000208003	PANEL CONTROL PUMPS SPS 2	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127718	0000158717	PUMP SUBM 01 SPS 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127719	0000168301	GENERATOR ELECTRIC MAIN SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127720	0000192277	GENERATOR ELECTRIC	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127721	0000192757	FILTER AIR BLOWER 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127722	0000192758	FILTER AIR BLOWER 02	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127723	0000204816	RECORDER DATA LOGGER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3127724	0000192962	PUMP SUBM DECANT	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	07/01/2014	07/31/2014
3128230	0000158722	ALARM DIALER OCWA MINDEN	F8722M	ALARM DIALER	Monthly	07/01/2014	07/28/2014
3128231	0000168302	ENGINE DIESEL MAIN SPS 1	G8302M	ENGINE DIESEL	Monthly	07/01/2014	07/30/2014
3128232	0000192276	ENGINE DIESEL PORTABLE	J2276M	ENGINE DIESEL	Monthly	07/01/2014	07/28/2014
3128233	0000192467	SPILL KIT 25	J2467S	SPILL KIT	Semi-annually	07/01/2014	07/31/2014
3128234		Facility	KHCL	FEP CONTACT LIST		07/01/2014	07/31/2014
3128235		Facility	OG36M	MONTHLY EMERG LIGHTING TE		07/01/2014	07/28/2014
3128236		Facility	OG29	WET WELL CLEANOUT	OG29	07/01/2014	06/30/2014
3128237		Facility	OG01	BUILDING & GROUND MAINTEN	OG01	07/01/2014	07/31/2014
3128238		Facility	OG32KA	1ST AID/EYE WASH/FIRE SYS	Annually	07/01/2014	07/31/2014

Facility Work Order Summary

3140735		Facility	OG02	CAPITAL PROJECT	OG02		07/07/2014
3147507	0000204816	RECORDER DATA LOGGER	K4816M	RECORDER DATA LOGGER	Monthly	08/01/2014	08/31/2014
3147662	0000158722	ALARM DIALER OCWA MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147663	0000168290	BLOWER POS DISP 01 AERATION	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147664	0000158716	BLOWER POS DISP 02 AERATION	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147665	0000168273	CLARIFIER SECONDARY CIRCULAR	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147666	0000168302	ENGINE DIESEL MAIN SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147667	0000168280	FILTER SAND TERTIARY TREATMENT	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147668	0000168268	GRINDER COMMINUTOR 01 MINDEN WWTP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147669	0000168265	MCC MINDEN WWTP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147670	0000168343	METER FLOW EFFLUENT PLANT	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147671	0000168300	PANEL CONTROL ALUM PUMPS	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147672	0000168279	PANEL CONTROL FILTER BRIDGE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147673	0000168305	PANEL CONTROL PUMPS SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147674	0000168303	PANEL TRANSFER/CONTROL SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147675	0000158720	PUMP CENT FILTER BACKWASH	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147676	0000158719	PUMP CENT FILTER SKIMMER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147677	0000168299	PUMP DIAPH 01 ALUM	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147678	0000168298	PUMP DIAPH 02 ALUM	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147679	0000158723	PUMP DIAPH CHLORINE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147680	0000168288	PUMP SUBM BACKWASH WASTE MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147681	0000168342	PUMP SUBM SLUDGE LOADING MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147682	0000208215	PUMP SUBM 01 SPS 02 MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014

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3147683	0000208216	PUMP SUBM 02 SPS 02 MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147684	0000168274	TANK AERATION 1A/1B/2	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147685	0000208169	VALVE BACK PREV WATER METER 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147686	0000208264	PUMP SUBM 02 MAIN SPS 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147687	0000073586	OUTPOST 5 MINDEN WWTP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147688	0000073577	OUTPOST 5 MINDEN SPS1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147689	0000168282	GEAR DRIVE FILTER BRIDGE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147690	0000168270	GEAR DRIVE CLARIFIER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147691	0000192283	METER FLOW POTABLE WATER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147692	0000192285	METER LEVEL WET WELL SPS01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147693	0000192286	METER LEVEL WET WELL SPS02	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147694	0000192276	ENGINE DIESEL PORTABLE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147695	0000168304	BATTERY CHARGER MAIN SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147696	0000192275	PUMP CENT EFFLUENT PUMP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147697	0000192278	SAMPLER EFFLUENT SEWAGE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147698	0000208003	PANEL CONTROL PUMPS SPS 2	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147699	0000158717	PUMP SUBM 01 SPS 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147700	0000168301	GENERATOR ELECTRIC MAIN SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147701	0000192277	GENERATOR ELECTRIC	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147702	0000192757	FILTER AIR BLOWER 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147703	0000192758	FILTER AIR BLOWER 02	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3147704	0000204816	RECORDER DATA LOGGER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014

Facility Work Order Summary

3147705	0000192962	PUMP SUBM DECANT	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	08/01/2014	08/28/2014
3148081	0000158722	ALARM DIALER OCWA MINDEN	F8722M	ALARM DIALER	Monthly	08/01/2014	08/14/2014
3148082	0000168302	ENGINE DIESEL MAIN SPS 1	G8302M	ENGINE DIESEL	Monthly	08/01/2014	08/14/2014
3148083	0000192276	ENGINE DIESEL PORTABLE	J2276M	ENGINE DIESEL	Monthly	08/01/2014	08/14/2014
3148085		Facility	OG36M	MONTHLY EMERG LIGHTING TE		08/01/2014	08/14/2014
3148086		Facility	OG01	BUILDING & GROUND MAINTEN	OG01	08/01/2014	08/14/2014
3148087		Facility	OG32KA	1ST AID/EYE WASH/FIRE SYS	Annually	08/01/2014	08/14/2014
3163068	0000204816	RECORDER DATA LOGGER	K4816M	RECORDER DATA LOGGER	Monthly	09/01/2014	09/30/2014
3163254	0000158722	ALARM DIALER OCWA MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163255	0000168290	BLOWER POS DISP 01 AERATION	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163256	0000158716	BLOWER POS DISP 02 AERATION	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163257	0000168273	CLARIFIER SECONDARY CIRCULAR	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163258	0000168302	ENGINE DIESEL MAIN SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163259	0000168280	FILTER SAND TERTIARY TREATMENT	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163260	0000168268	GRINDER COMMUNOTOR 01 MINDEN WWTP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163261	0000168265	MCC MINDEN WWTP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163262	0000168343	METER FLOW EFFLUENT PLANT	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163263	0000168300	PANEL CONTROL ALUM PUMPS	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163264	0000168279	PANEL CONTROL FILTER BRIDGE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163265	0000168305	PANEL CONTROL PUMPS SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163266	0000168303	PANEL TRANSFER/CONTROL SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163267	0000158720	PUMP CENT FILTER BACKWASH	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163268	0000158719	PUMP CENT FILTER SKIMMER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163269	0000168299	PUMP DIAPH 01 ALUM	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014

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3163270	0000168298	PUMP DIAPH 02 ALUM	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163271	0000158723	PUMP DIAPH CHLORINE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163272	0000168288	PUMP SUBM BACKWASH WASTE MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163273	0000168342	PUMP SUBM SLUDGE LOADING MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163274	0000208215	PUMP SUBM 01 SPS 02 MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163275	0000208216	PUMP SUBM 02 SPS 02 MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163276	0000168274	TANK AERATION 1A/1B/2	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163277	0000208169	VALVE BACK PREV WATER METER 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163278	0000208264	PUMP SUBM 02 MAIN SPS 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163279	0000073586	OUTPOST 5 MINDEN WWTP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163280	0000073577	OUTPOST 5 MINDEN SPS1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163281	0000168282	GEAR DRIVE FILTER BRIDGE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163282	0000168270	GEAR DRIVE CLARIFIER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163283	0000192283	METER FLOW POTABLE WATER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163284	0000192285	METER LEVEL WET WELL SPS01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163285	0000192286	METER LEVEL WET WELL SPS02	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163286	0000192276	ENGINE DIESEL PORTABLE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163287	0000168304	BATTERY CHARGER MAIN SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163288	0000192275	PUMP CENT EFFLUENT PUMP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163289	0000192278	SAMPLER EFFLUENT SEWAGE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163290	0000208003	PANEL CONTROL PUMPS SPS 2	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163291	0000158717	PUMP SUBM 01 SPS 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014

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3163292	0000168301	GENERATOR ELECTRIC MAIN SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163293	0000192277	GENERATOR ELECTRIC	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163294	0000192757	FILTER AIR BLOWER 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163295	0000192758	FILTER AIR BLOWER 02	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163296	0000204816	RECORDER DATA LOGGER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163297	0000192962	PUMP SUBM DECANT	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	09/01/2014	09/26/2014
3163675	0000158722	ALARM DIALER OCWA MINDEN	F8722M	ALARM DIALER	Monthly	09/01/2014	09/22/2014
3163676	0000168302	ENGINE DIESEL MAIN SPS 1	G8302M	ENGINE DIESEL	Monthly	09/01/2014	09/22/2014
3163677	0000168319	HEATER ELECTRIC FAN FORCED	G8319A	HEATER	Annually	09/01/2014	09/10/2014
3163678	0000192276	ENGINE DIESEL PORTABLE	J2276M	ENGINE DIESEL	Monthly	09/01/2014	09/22/2014
3163679	0000208185	HEATER UNIT ELECTRIC	K8185A	HEATER	Annually	09/01/2014	09/12/2014
3163680		Facility	OG36M	MONTHLY EMERG LIGHTING TE		09/01/2014	09/22/2014
3163681		Facility	OG01	BUILDING & GROUND MAINTEN	OG01	09/01/2014	09/12/2014
3163682		Facility	OG32KA	1ST AID/EYE WASH/FIRE SYS	Annually	09/01/2014	09/12/2014
3175637		Facility	OG02	CAPITAL PROJECT	OG02		10/14/2014
3187503	0000204816	RECORDER DATA LOGGER	K4816M	RECORDER DATA LOGGER	Monthly	10/01/2014	10/31/2014
3187644	0000158722	ALARM DIALER OCWA MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187645	0000168290	BLOWER POS DISP 01 AERATION	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187646	0000158716	BLOWER POS DISP 02 AERATION	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187647	0000168273	CLARIFIER SECONDARY CIRCULAR	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187648	0000168302	ENGINE DIESEL MAIN SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187649	0000168280	FILTER SAND TERTIARY TREATMENT	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187650	0000168268	GRINDER COMMUNOTOR 01 MINDEN WWTP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187651	0000168265	MCC MINDEN WWTP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187652	0000168343	METER FLOW EFFLUENT PLANT	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014

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3187653	0000168300	PANEL CONTROL ALUM PUMPS	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187654	0000168279	PANEL CONTROL FILTER BRIDGE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187655	0000168305	PANEL CONTROL PUMPS SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187656	0000168303	PANEL TRANSFER/CONTROL SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187657	0000158720	PUMP CENT FILTER BACKWASH	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187658	0000158719	PUMP CENT FILTER SKIMMER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187659	0000168299	PUMP DIAPH 01 ALUM	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187660	0000168298	PUMP DIAPH 02 ALUM	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187661	0000158723	PUMP DIAPH CHLORINE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187662	0000168288	PUMP SUBM BACKWASH WASTE MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187663	0000168342	PUMP SUBM SLUDGE LOADING MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187664	0000208215	PUMP SUBM 01 SPS 02 MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187665	0000208216	PUMP SUBM 02 SPS 02 MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187666	0000168274	TANK AERATION 1A/1B/2	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187667	0000208169	VALVE BACK PREV WATER METER 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187668	0000208264	PUMP SUBM 02 MAIN SPS 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187669	0000073586	OUTPOST 5 MINDEN WWTP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187670	0000073577	OUTPOST 5 MINDEN SPS1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187671	0000168282	GEAR DRIVE FILTER BRIDGE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187672	0000168270	GEAR DRIVE CLARIFIER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187673	0000192283	METER FLOW POTABLE WATER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187674	0000192285	METER LEVEL WET WELL SPS01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014

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3187675	0000192286	METER LEVEL WET WELL SPS02	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187676	0000192276	ENGINE DIESEL PORTABLE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187677	0000168304	BATTERY CHARGER MAIN SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187678	0000192275	PUMP CENT EFFLUENT PUMP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187679	0000192278	SAMPLER EFFLUENT SEWAGE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187680	0000208003	PANEL CONTROL PUMPS SPS 2	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187681	0000158717	PUMP SUBM 01 SPS 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187682	0000168301	GENERATOR ELECTRIC MAIN SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187683	0000192277	GENERATOR ELECTRIC	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187684	0000192757	FILTER AIR BLOWER 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187685	0000192758	FILTER AIR BLOWER 02	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187686	0000204816	RECORDER DATA LOGGER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3187687	0000192962	PUMP SUBM DECANT	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	10/01/2014	10/28/2014
3188071	0000158722	ALARM DIALER OCWA MINDEN	F8722M	ALARM DIALER	Monthly	10/01/2014	10/08/2014
3188072	0000168302	ENGINE DIESEL MAIN SPS 1	G8302M	ENGINE DIESEL	Monthly	10/01/2014	10/08/2014
3188073	0000192276	ENGINE DIESEL PORTABLE	J2276M	ENGINE DIESEL	Monthly	10/01/2014	10/08/2014
3188076		Facility	OG36M	MONTHLY EMERG LIGHTING TE		10/01/2014	10/08/2014
3188077		Facility	OG01	BUILDING & GROUND MAINTEN	OG01	10/01/2014	10/08/2014
3188078		Facility	OG32KA	1ST AID/EYE WASH/FIRE SYS	Annually	10/01/2014	10/14/2014
3203239	0000204816	RECORDER DATA LOGGER	K4816M	RECORDER DATA LOGGER	Monthly	11/03/2014	11/30/2014
3203381	0000158722	ALARM DIALER OCWA MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203382	0000168290	BLOWER POS DISP 01 AERATION	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203383	0000158716	BLOWER POS DISP 02 AERATION	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203384	0000168273	CLARIFIER SECONDARY CIRCULAR	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014

Facility Work Order Summary

3203385	0000168302	ENGINE DIESEL MAIN SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203386	0000168280	FILTER SAND TERTIARY TREATMENT	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203387	0000168268	GRINDER COMMUNOTOR 01 MINDEN WWTP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203388	0000168265	MCC MINDEN WWTP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203389	0000168343	METER FLOW EFFLUENT PLANT	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203390	0000168300	PANEL CONTROL ALUM PUMPS	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203391	0000168279	PANEL CONTROL FILTER BRIDGE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203392	0000168305	PANEL CONTROL PUMPS SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203393	0000168303	PANEL TRANSFER/CONTROL SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203394	0000158720	PUMP CENT FILTER BACKWASH	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203395	0000158719	PUMP CENT FILTER SKIMMER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203396	0000168299	PUMP DIAPH 01 ALUM	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203397	0000168298	PUMP DIAPH 02 ALUM	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203398	0000158723	PUMP DIAPH CHLORINE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203399	0000168288	PUMP SUBM BACKWASH WASTE MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203400	0000168342	PUMP SUBM SLUDGE LOADING MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203401	0000208215	PUMP SUBM 01 SPS 02 MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203402	0000208216	PUMP SUBM 02 SPS 02 MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203403	0000168274	TANK AERATION 1A/1B/2	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203404	0000208169	VALVE BACK PREV WATER METER 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203405	0000208264	PUMP SUBM 02 MAIN SPS 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203406	0000073586	OUTPOST 5 MINDEN WWTP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014

Facility Work Order Summary

3203407	0000073577	OUTPOST 5 MINDEN SPS1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203408	0000168282	GEAR DRIVE FILTER BRIDGE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203409	0000168270	GEAR DRIVE CLARIFIER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203410	0000192283	METER FLOW POTABLE WATER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203411	0000192285	METER LEVEL WET WELL SPS01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203412	0000192286	METER LEVEL WET WELL SPS02	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203413	0000192276	ENGINE DIESEL PORTABLE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203414	0000168304	BATTERY CHARGER MAIN SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203415	0000192275	PUMP CENT EFFLUENT PUMP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203416	0000192278	SAMPLER EFFLUENT SEWAGE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203417	0000208003	PANEL CONTROL PUMPS SPS 2	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203418	0000158717	PUMP SUBM 01 SPS 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203419	0000168301	GENERATOR ELECTRIC MAIN SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203420	0000192277	GENERATOR ELECTRIC	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203421	0000192757	FILTER AIR BLOWER 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203422	0000192758	FILTER AIR BLOWER 02	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203423	0000204816	RECORDER DATA LOGGER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203424	0000192962	PUMP SUBM DECANT	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	11/03/2014	11/27/2014
3203797	0000158722	ALARM DIALER OCWA MINDEN	F8722M	ALARM DIALER	Monthly	11/03/2014	11/13/2014
3203798	0000168302	ENGINE DIESEL MAIN SPS 1	G8302M	ENGINE DIESEL	Monthly	11/03/2014	11/18/2014
3203799	0000192276	ENGINE DIESEL PORTABLE	J2276M	ENGINE DIESEL	Monthly	11/03/2014	11/13/2014
3203800		Facility	OG36M	MONTHLY EMERG LIGHTING TE		11/03/2014	11/13/2014
3203801		Facility	OG01	BUILDING & GROUND MAINTEN	OG01	11/03/2014	11/27/2014
3203802		Facility	OG32KA	1ST AID/EYE WASH/FIRE SYS	Annually	11/03/2014	11/14/2014

Facility Work Order Summary

3212095		Facility	OG02	CAPITAL PROJECT	OG02		10/31/2014
3218192	0000204816	RECORDER DATA LOGGER	K4816M	RECORDER DATA LOGGER	Monthly	12/01/2014	12/30/2014
3218366	0000158722	ALARM DIALER OCWA MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218367	0000168290	BLOWER POS DISP 01 AERATION	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218368	0000158716	BLOWER POS DISP 02 AERATION	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218369	0000168273	CLARIFIER SECONDARY CIRCULAR	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218370	0000168302	ENGINE DIESEL MAIN SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218371	0000168280	FILTER SAND TERTIARY TREATMENT	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218372	0000168268	GRINDER COMMUNOTOR 01 MINDEN WWTP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218373	0000168265	MCC MINDEN WWTP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218374	0000168343	METER FLOW EFFLUENT PLANT	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218375	0000168300	PANEL CONTROL ALUM PUMPS	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218376	0000168279	PANEL CONTROL FILTER BRIDGE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218377	0000168305	PANEL CONTROL PUMPS SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218378	0000168303	PANEL TRANSFER/CONTROL SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218379	0000158720	PUMP CENT FILTER BACKWASH	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218380	0000158719	PUMP CENT FILTER SKIMMER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218381	0000168299	PUMP DIAPH 01 ALUM	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218382	0000168298	PUMP DIAPH 02 ALUM	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218383	0000158723	PUMP DIAPH CHLORINE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218384	0000168288	PUMP SUBM BACKWASH WASTE MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218385	0000168342	PUMP SUBM SLUDGE LOADING MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218386	0000208215	PUMP SUBM 01 SPS 02 MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014

Facility Work Order Summary

3218387	0000208216	PUMP SUBM 02 SPS 02 MINDEN	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218388	0000168274	TANK AERATION 1A/1B/2	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218389	0000208169	VALVE BACK PREV WATER METER 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218390	0000208264	PUMP SUBM 02 MAIN SPS 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218391	0000073586	OUTPOST 5 MINDEN WWTP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218392	0000073577	OUTPOST 5 MINDEN SPS1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218393	0000168282	GEAR DRIVE FILTER BRIDGE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218394	0000168270	GEAR DRIVE CLARIFIER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218395	0000192283	METER FLOW POTABLE WATER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218396	0000192285	METER LEVEL WET WELL SPS01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218397	0000192286	METER LEVEL WET WELL SPS02	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218398	0000192276	ENGINE DIESEL PORTABLE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218399	0000168304	BATTERY CHARGER MAIN SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218400	0000192275	PUMP CENT EFFLUENT PUMP	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218401	0000192278	SAMPLER EFFLUENT SEWAGE	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218402	0000208003	PANEL CONTROL PUMPS SPS 2	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218403	0000158717	PUMP SUBM 01 SPS 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218404	0000168301	GENERATOR ELECTRIC MAIN SPS 1	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218405	0000192277	GENERATOR ELECTRIC	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218406	0000192757	FILTER AIR BLOWER 01	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218407	0000192758	FILTER AIR BLOWER 02	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218408	0000204816	RECORDER DATA LOGGER	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014

Facility Work Order Summary

3218409	0000192962	PUMP SUBM DECANT	WEEKPM	PERFORM WEEKLY CHECKLIST	Weekly	12/01/2014	12/23/2014
3218781	0000158722	ALARM DIALER OCWA MINDEN	F8722M	ALARM DIALER	Monthly	12/01/2014	12/09/2014
3218782	0000168302	ENGINE DIESEL MAIN SPS 1	G8302M	ENGINE DIESEL	Monthly	12/01/2014	12/09/2014
3218783	0000192276	ENGINE DIESEL PORTABLE	J2276M	ENGINE DIESEL	Monthly	12/01/2014	12/09/2014
3218784		Facility	OG36M	MONTHLY EMERG LIGHTING TE		12/01/2014	12/09/2014
3218785		Facility	OG01	BUILDING & GROUND MAINTEN	OG01	12/01/2014	12/23/2014
3218786		Facility	OG32KA	1ST AID/EYE WASH/FIRE SYS	Annually	12/01/2014	12/23/2014
3231381		Facility	OG44OT	OVERTIME	Tri-annually		02/16/2014



Appendix IV:
By Pass Events



Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Operations Event Form

Project: 110002390
Location: mine. WWTP
Date: April 10 2014

Nature of Event: (By-pass) spill, odor, noise etc...

Details of Event: testing bypass due to sand melt collect Bti
set comp sampler notify MOE, MOH, Pct on call

Call SAC: 1-800-268-6060

Time SAC notified: 1820 SAC Incident Number: ~~116798~~ changed by
216799 Scott 1830

Name of Person at SAC: Scott Steeves

District Manager (MOE) Notified (705 755-4315): Jeremy Manning called.

District Health Unit Notified: Debbie Johnston Fax to Haliburton.

All Other Phone calls placed (Managers, Client, MOE, MOH):

Or call Pct/Manager Jeremy Manning

Volume of By-pass or Spill: ~~2432 ml~~ 15.55 m³

Bypass Time:
Start: 1610 Finish: 10:20 April 14

Samples Taken? (BOD,TSS,Phos,NH3+NH4, e-coli): YES

Corrective Action Taken: monitor flows set samplers

Prepared By: scjowell



SGS Canada Inc.

P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - KOL 2H0
Phone: 705-652-2000 FAX: 705-652-6365

Works #: 110002390

Project : PO#017018

17-April-2014

OCWA-Minden (WPCP)

Attn : G.Freeland

Date Rec. : 11 April 2014

LR Report: CA14258-APR14

1 Orde St.
Minden, ON
KOM 2K0,

Copy: #1

Phone: 705-286-1142
Fax:pdf

CERTIFICATE OF ANALYSIS

Final Report

Analysis	1: Analysis Start Date	2: Analysis Start Time	3: Analysis Approval Date	4: Analysis Approval Time	5: Tertiary Bypass
Sample Date & Time					11-Apr-14 10:15
Temperature Upon Receipt [°C]	---	---	---	---	17.0
Carbonaceous Biochemical Oxygen Demand [(CBOD5) mg/L]	11-Apr-14	16:46	16-Apr-14	11:46	5
Total Suspended Solids [mg/L]	16-Apr-14	07:37	16-Apr-14	15:07	7
Phosphorus (total) [mg/L]	11-Apr-14	21:00	15-Apr-14	19:10	0.15
Ammonia+Ammonium (N) [mg/L]	11-Apr-14	21:00	14-Apr-14	12:03	0.1
E. Coli [cfu/100mL]	11-Apr-14	15:45	14-Apr-14	11:02	148

Carrie Greenlaw
Project Specialist
Environmental Services, Analytical



Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Operations Event Form

Project: ~~210 000 194~~ 110002390
Location: Minden WWTP
Date: June 24/14

Nature of Event: (By-pass, spill, odor, noise etc...) BYPASS

Details of Event: tertiary bypass due to heavy rain
fall

- Call SAC: 1-800-268-6060

Time SAC notified: 1830 SAC Incident Number 118244

Name of Person at SAC: Bryan Armstrong

District Manager (MOE) Notified (Peterborough): 18⁵⁰ - David Bradley

District Health Unit Notified: Patricia Quinn Public Health Inspector

All Other Phone calls placed (Managers, Client, MOE, MOH):

Jessie Manning - ? TARA Igraw

Volume of By-pass or Spill:

Bypass Time:

Start: ~~1738~~ Finish: 1900

Samples Taken? (BOD, TSS, Phos, NH3+NH4, e-coli):

Corrective Action Taken:

Prepared By: Ellen Stitt



SGS Canada Inc.

P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2000 FAX: 705-652-6365

Works #: 110002390

Project : PO#017018

02-July-2014

OCWA-Minden (WPCP)

Attn : G.Freeland

Date Rec. : 25 June 2014

LR Report: CA14637-JUN14

1 Orde St.
Minden, ON
KOM 2K0,

Copy: #1

Phone: 705-286-1142
Fax:

CERTIFICATE OF ANALYSIS

Final Report

Analysis	1: Analysis Start Date	2: Analysis Start Time	3: Analysis Approval Date	4: Analysis Approval Time	5: Tertiary By-Pass
Sample Date & Time					24-Jun-14
Temperature Upon Receipt [°C]	---	---	---	---	22.0
Carbonaceous Biochemical Oxygen Demand [(CBOD5) mg/L]	25-Jun-14	18:40	02-Jul-14	14:25	< 4
Total Suspended Solids [mg/L]	26-Jun-14	10:27	27-Jun-14	11:24	8
Phosphorus (total) [mg/L]	25-Jun-14	21:22	26-Jun-14	11:24	0.18
Total Kjeldahl Nitrogen [as N mg/L]	25-Jun-14	13:30	26-Jun-14	12:21	< 0.5
Ammonia+Ammonium (N) [mg/L]	25-Jun-14	21:22	26-Jun-14	08:46	< 0.1
Nitrite (as N) [mg/L]	26-Jun-14	14:55	27-Jun-14	15:37	0.09
Nitrate (as N) [mg/L]	26-Jun-14	14:55	27-Jun-14	15:37	14.3
Nitrate + Nitrite (as N) [mg/L]	26-Jun-14	14:55	27-Jun-14	15:37	14.4
E. Coli [cfu/100mL]	25-Jun-14	16:10	27-Jun-14	10:41	1680

Carrie Greenlaw
Project Specialist
Environmental Services, Analytical



Operations Event Form

Project: Minden W.W.T.P.
 Location: Minden
 Date: Sept. 21/14

Nature of Event: (By-pass, spill, odor, noise etc...) By-Pass

Details of Event: - Called for high level backwash at 10:20, on site at 10:50. On arrival not by-passing but evidence shows it had by-passed over weir for short duration.

Call SAC: 1-800-268-6060

Time SAC notified: 11:35

SAC Incident Number 4174-9P6MGH

Name of Person at SAC: Kim Pietz

Note: SAC had technical difficulties with phone lines. Told they would phone back.

District Manager (MOE) Notified (705 755-4315): Yes (J. Preslie called)

District Health Unit Notified: Yes

All Other Phone calls placed (Managers, Client, MOE, MOH):

On-call compliance (J. Preslie) Kim at S.A.C. and Budney at M.O.H.

Volume of By-pass or Spill: ± 100 m³

Bypass Time: less than 1/2 hour

Start: 10:20 Finish: 10:50 (Sept. 21/14)

Samples Taken? (BOD, TSS, Phos, NH3+NH4, e-coli): Yes

Corrective Action Taken: Took samples and phoned S.A.C. a M.O.H.

Prepared By: Colin Powell



SGS Canada Inc.

P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - KOL 2H0
Phone: 705-652-2000 FAX: 705-652-6365

Bypass Samples
Works #: 110002390

Project : PO#017018

29-September-2014

OCWA-Minden (WPCP)

Attn : G.Freeland

Date Rec. : 23 September 2014
LR Report: CA13570-SEP14

1 Orde St.
Minden, ON
KOM 2K0,

Copy: #1

Phone: 705-286-1142
Fax:

CERTIFICATE OF ANALYSIS

Final Report

Analysis	1:	2:	3:	4:	5:		6:		7:
	Analysis Start Date	Analysis Start Time	Analysis Approval Date	Analysis Approval Time	Raw Raw-Sewage	Raw-Eff	Eff-Final Effluent	Eff-Final Effluent	Effluent Bacti
Sample Date & Time					21-Sep-14 11:10	21-Sep-14 11:05	21-Sep-14 11:05	21-Sep-14 11:05	
Temperature Upon Receipt [°C]	---	---	---	---	13.0	13.0	13.0	13.0	13.0
Carbonaceous Biochemical Oxygen Demand [(CBOD5) mg/L]	23-Sep-14	17:54	29-Sep-14	13:39	140	2	2	2	---
Total Suspended Solids [mg/L]	24-Sep-14	09:40	25-Sep-14	10:51	232	16	16	16	---
Phosphorus (total) [mg/L]	24-Sep-14	08:35	25-Sep-14	11:18	4.27	0.18	0.18	0.18	---
Total Kjeldahl Nitrogen [as N mg/L]	24-Sep-14	12:24	25-Sep-14	09:01	29.3	---	---	---	---
Ammonia+Ammonium (N) [mg/L]	24-Sep-14	06:30	25-Sep-14	08:48	---	< 0.1	< 0.1	< 0.1	---
E. Coli [cfu/100mL]	23-Sep-14	16:40	24-Sep-14	17:15	---	---	---	---	42 UAL

UAL - Unreliable: Sample Age Exceeds Normal Limit-E. Coli was received/processed after the recommended holding time of 48 hours.


 Carrie Greenlaw
 Project Specialist
 Environmental Services, Analytical



Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Attention:
Julie P or
Julie M

Operations Event Form

Project: MINDEN WPCP (110002390)
Location: 73 Orde St, Minden Ontario
Date: 11/25/14

MOE # 121757
Nature of Event: (By-pass, spill, odor, noise etc...) Tertiary Filter (Partial) Bypass

began @ 04:30hrs
Details of Event: High Flows from SPS's following Power outage
caused Partial (Filter) By-Pass @ WPCP

Call SAC: 1-800-268-6060

Time SAC notified: 05:22

Name of Person at SAC: Diana Smith

District Manager (MOE) Notified (705 755-4315): Message Left @ 05:30hrs

District Health Unit Notified: 05:20

All Other Phone calls placed (Managers, Client, MOE, MOH):

Management and Client Notified

Volume of By-pass or Spill: ~ 13.5 m³

Bypass Time: 45 minutes (Total)

Start: 04:28 Finish: 05:13

Samples Taken? (BOD, TSS, Phos, NH₃+NH₄, e-coli): YES @ (05:00hrs)

Corrective Action Taken:

- Power outage - SPS's checked/inspected along with WPCP
- Samples Collected and Notifications Made

Prepared By: Stewart Hurd

SGS Canada Inc.
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - KOL 2H0
Phone: 705-652-2000 FAX: 705-652-6365

Tertiary Filter By-Pass
Works #: 110002390

Project : PO#017018

01-December-2014

OCWA-Minden (WPCP)

Attn : G.Freeland

1 Orde St.
Minden, ON
KOM 2K0,

Phone: 705-286-1142
Fax:

Date Rec. : 25 November 2014
LR Report: CA14393-NOV14

Copy: #1

CERTIFICATE OF ANALYSIS

Final Report

Analysis	1: Analysis Start Date	2: Analysis Start Time	3: Analysis Approval Date	4: Analysis Approval Time	5: Tertiary Bypass
Sample Date & Time					25-Nov-14 05:00
Temperature Upon Receipt [°C]	---	---	---	---	10.0
Carbonaceous Biochemical Oxygen Demand [(CBOD5) mg/L]	25-Nov-14	15:58	01-Dec-14	10:39	< 4
Total Suspended Solids [mg/L]	26-Nov-14	10:27	28-Nov-14	10:28	32
Phosphorus (total) [mg/L]	26-Nov-14	06:15	27-Nov-14	08:13	0.84
Ammonia+Ammonium (N) [mg/L]	25-Nov-14	19:30	26-Nov-14	07:56	0.1
E. Coli [cfu/100mL]	25-Nov-14	17:00	27-Nov-14	09:13	168



Carrie Greenlaw
Carrie Greenlaw
Project Specialist
Environmental Services, Analytical



Appendix V:
Biosolids Summary



Ontario Clean Water Agency

Biosolids Quality Report - Liquid

Digester Type: ANAEROBIC

Metals and Criteria

Facility: [5839] - Minden Hills Wastewater Treatment Plant

Works: [110002390] - Minden Hills Wastewater Treatment Plant

Period: 01/01/2014 to 12/31/2014

Month	Arsenic (mg/L)	Cadmium (mg/L)	Cobalt (mg/L)	Chromium (mg/L)	Copper (mg/L)	Mercury (mg/L)	Molybdenum (mg/L)	Nickel (mg/L)	Lead (mg/L)	Selenium (mg/L)	Zinc (mg/L)
JAN 2014	0.3	0.03	0.15	0.9	13.0	0.005	0.2	0.5	0.6	0.3	17.0
FEB 2014	0.3	0.03	0.15	1.0	14.0	0.017	0.2	0.6	0.6	0.3	19.0
MAR 2014	0.2	0.018	0.12	0.72	11.0	0.014	0.18	0.45	0.4	0.1	16.0
APR 2014	0.1	0.005	0.17	1.0	14.0	0.037	0.18	0.53	0.6	0.1	18.0
MAY 2014	0.15	0.033	0.21	1.065	15.0	0.035	0.24	0.69	0.65	0.1	22.0
JUN 2014	0.1	0.032	0.17	0.71	12.0	0.023	0.18	0.49	0.5	0.1	17.0
JUL 2014	0.1	0.015	0.1	0.48	7.9	0.021	0.2	0.37	0.5	0.1	12.0
AUG 2014	0.1	0.02	0.115	0.48	8.2	0.023	0.16	0.37	0.4	0.1	13.0
SEP 2014	0.1	0.019	0.08	0.36	7.2	0.015	0.12	0.275	0.35	0.1	11.0
OCT 2014	0.1	0.028	0.12	0.47	9.9	0.022	0.47	0.39	0.4	0.1	15.0
NOV 2014	0.1	0.018	0.08	0.3	6.6	0.013	0.16	0.24	0.3	0.1	9.7
DEC 2014	0.1	0.052	0.21	0.81	17.0	0.057	0.41	0.74	0.8	0.2	25.0
Average	0.14	0.025	0.139	0.68	11.08	0.024	0.215	0.465	0.5	0.133	16.047
Min. Acceptable Ammonia + Nitrate Nitrogen to Metal Ratio:	100	500	50	6	10	1500	180	40	15	500	4
Ammonia + Nitrate Nitrogen to Metal Ratio in Sludge	1,382.429	7,825.173	1,395.728	284.618	17.468	8,224.196	901.587	415.917	387.08	1,451.554	12.061



Ontario Clean Water Agency Monthly Process Data Report

Municipality: Township of Anson Minden Hills
 Facility: [5839] - Minden Hills Wastewater Treatment Plant
 Works: [110002390] - Minden Hills Wastewater Treatment Plant
 Classification: Class 2 Wastewater Collection, Class 2 Wastewater Treatment
 Receiver: Gull River

Period: 01/01/2014 to 12/31/2014
 Serviced Population: 1,300
 Total Design Capacity(m³/day): 3,410.0

	Jan/2014	Feb/2014	Mar/2014	Apr/2014	May/2014	Jun/2014	Jul/2014	Aug/2014	Sep/2014	Oct/2014	Nov/2014	Dec/2014	<-- Summary -->
Biosolids Utilization\Biosolids quality - Liquid													
E Coli (cfu/g)													
Avg	352,941.0	1,902,552.0	1,563,342.0	717,703.0	658,780.0	472,441.0	647,287.0	191,558.0	281,067.0	88,816.0	270,386.0	411,364.0	607,006.0
Cnt	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	14.0
Sum	352,941.0	1,902,552.0	1,563,342.0	717,703.0	1,317,560.0	472,441.0	647,287.0	191,558.0	562,134.0	88,816.0	270,386.0	411,364.0	8,498,084.0
Ecoli (cfu/100 mL)													
Avg	1,440,000.0	8,200,000.0	5,800,000.0	3,000,000.0	3,250,000.0	1,800,000.0	1,670,000.0	875,000.0	700,000.0	270,000.0	630,000.0	1,810,000.0	2,284,666.667
Cnt	1.0	1.0	1.0	1.0	2.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	15.0
Sum	1,440,000.0	8,200,000.0	5,800,000.0	3,000,000.0	6,500,000.0	1,800,000.0	1,670,000.0	1,750,000.0	1,400,000.0	270,000.0	630,000.0	1,810,000.0	34,270,000.0

Note: ? Calculation not verifiable. At least one result reported as < and at least one result reported >.



Appendix VI:
Calibration Reports



Measuremax Inc,
900 Major Bennett Dr.
Peterborough ON K9J 6X6, CANADA

Tel: (705) 745-1626
Fax: (705) 745-3493
E-mail: service@measuremax.ca
Website: www.measuremax.ca

OCWA Kawartha

2014 Calibrations Minden WWTP

Leaders in Instrumentation and Control

Find your solution at www.measuremax.ca

	<h1>CALIBRATION REPORT</h1>	Report No.: 0 FIT-Clarifier Flow
		Date: 11-Jun-14

SITE: Minden Hills WWTP
PROCESS AREA: Clarifier Flow
INSTR. TAG: FIT-Clarifier Flow
MANUFACTURER: Milltronics
MODEL: Multiranger Plus
SERIAL No.: 092490
INSTR. RANGE: 0000168343

SERVICE DATE: 6/11/2014
TECHNICIAN: M Manley
JOB REFERENCE:

Input (Test)		Output (Display)		Output (Process)		
Type:	meters	Type or EGU:	m3/day		m3/hr	
Min:	0.00	Min:	0.00		0.00	
Max:	0.33	Max:	2000.00		83.30	
V notch (Deg.)	30					
Constant	1344					
			Before Calibration		After Calibration	
Input (m)	Calc. Flow m3/hr	Display Flow m3/d	Output	%Error	Output	%Error
0.0000	0.00	0.00	0	0.00%	0	0.00%
9.1 inches						
0.2280	33.35	800.36	844		804	

Calibration Equipment			
Type:	Tape Measure	DMM	
Manufacturer:		Fluke	
Model:		Model 87	
Serial No.:		134409128	
Last Cal. Date:		Mar 2014	

Comments: Actual process conditions were used. The weir plate is facing the wrong way (180 degrees on the Y-axis). The sharp edge of the plate should be upstream of the beveled edge. The small amount of error this introduces is not known.
 Empty distance 22.49 span 12.95
 Temperature readind 26 Deg C.

P53 2
 P54 93.13
 P55 3781
 p56 0

	CALIBRATION REPORT	Report No.: FIT-N
		Date: 11-Jun-14

SITE: Minden Hills WWTP
PROCESS AREA: North
INSTR. TAG: FIT-N
MANUFACTURER: Milltronics multiranger 200
MODEL:
SERIAL No.:
INSTR. RANGE: 0000404794

SERVICE DATE: 6/11/2014
TECHNICIAN: M Manley
JOB REFERENCE:

Input	(Test)	Output	(Process)	(Signal)		
Type:	Head meters	Type or EGU:	mA	m3/day		
Min:	0.0000	Min:	4.00	0.00		
Max:	0.1335	Max:	20.00	2000.00		
Weir Angle	180					
exponent	1					
constant	2000.0000					
			Before Calibration	After Calibration		
Input (m)	Calc flow (m3/day)	Calc. O/P (mA)	Flow	%Error	Flow	%Error
0.000	0.000	4.00	0.00		0.00	
		1565.00	1550.00		1550.00	

Calibration Equipment			
Type:	Tape Measure	DMM	
Manufacturer:		Fluke	
Model:		Model 87	
Serial No.:		134409128	
Last Cal. Date:		Mar 2014	

Comments: Empty distance, was 01 .677 02 .664
 adjusted at zero flow to 01 .677, 02 .670
 Tested at 50cm Target distance, unit read 49.3 cm distance, 18.4 cm Head (measured 18.2 cm)

Weir plates appear to be adjustable, any movement up or down will cause flow meter error.

	CALIBRATION REPORT	Report No.: FIT-S
		Date: 11-Jun-14

SITE: Minden Hills WWTP
PROCESS AREA: South
INSTR. TAG: FIT-S
MANUFACTURER: Milltronics multiranger 200
MODEL:
SERIAL No.:
INSTR. RANGE: 0000204794

SERVICE DATE: 6/11/2014
TECHNICIAN: M Manley
JOB REFERENCE:

Input (Test)			Output (Process)		Output (Signal)	
Type:	Head meters		Type or EGU:	mA	m3/day	
Min:	0.0000		Min:	0.00	0.00	
Max:	0.1335		Max:	2000.00	2000.00	
Weir Angle	180					
exponent	1					
constant	2000.0000					
			Before Calibration		After Calibration	
Input (m)	Calc flow (m3/day)	Calc. O/P (mA)	Flow	%Error	Flow	%Error
0.000			0.00	0.00%	0.00	0.00%
		1407.00	1401.00		1401.00	
		double check				

Calibration Equipment			
Type:	Tape Measure	DMM	
Manufacturer:		Fluke	
Model:		Model 87	
Serial No.:		134409128	
Last Cal. Date:		Mar 2014	

Comments: South
 Tested Target 50 cm distance, Unit read 49.7cm head, 17.4 cm distance, measured 17.5 cm head to zero point

Weir plates appear to be adjustable, any movement up or down will cause flow meter error.

	CALIBRATION REPORT	Report No.: QIR-1
		Date: 11-Jun-14

SITE: Minden WWTP
PROCESS AREA: E&H Videograph
INSTR. TAG: QIR-1
MANUFACTURER: E&H Videograph
MODEL:
SERIAL No.:
OCWA CODE: 0000192266

SERVICE DATE: 6/11/2014
TECHNICIAN: M Manley
JOB REFERENCE:

Input		(Test)	Output		(Signal)	(Process)
Type:		mA	Type or EGU:		mA	
Min:			Min:		4.00	
Max:			Max:		20.00	
			Before Calibration		After Calibration	
			Display		Display	
DIST Cl2	mg/L	0.00				
	0-10	0.79				
FIN OUT	m3/day	0.00				
	0-2000	800.00	804.00		804.00	
North in	m3/day	0.00				
	0-2000	1565	1560.00		1560.00	
South in	m3/day	0.00				
	0-2000	1407	1401.00		1401.00	

Calibration Equipment			
Type:		DMM	
Manufacturer:		Fluke	
Model:		Mar 2014	
Serial No.:		134409128	
Last Cal. Date:			

Comments: