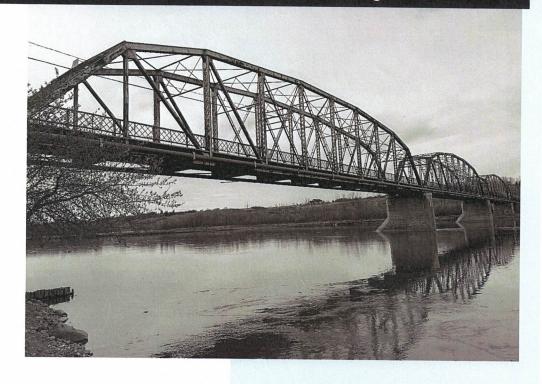
## 2024

# Water & Sewer Emergency Plan



Community: Water Source:

Sewer Source: Address:

Contacts:

Town of Battleford

Ground Water -4 Wells Adjacent to the North Sask. River Lagoons -4-Cell Aerated System with 3 cell submerged

P.O. Box 40, 392 25<sup>th</sup> Street West, Battleford, SK Manager - Phone: (306) 937-6228 | Cell: (306) 441-7090

Water Plant - Phone: (306) 937-6224

Admin - Phone: (306) 937-6220 | Fax: (306) 937-5963

Revised: 2024-January-08

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#### Introduction and Policy Statement

Objective

As per the Water & Sewer and Sewage Works Regulations the Town if Battleford is required to maintain and up to

date emergency response plan for the water and sewer works system.

**Definitions** 

Administrator

The person appointed as Administrator pursuant to Section 11 of the Municipalities Act.

Council

The Mayor and Councilors of the Town elected pursuant to the provisions of The Local Government Election Act,

2015

Mayor

The Head of Council and, in the absence of the individual elected to the position of the mayor, this duty shall be

assumed by the individual appointed by Council as Deputy Mayor.

Town

The Town of Battleford

Quality Crisis Coordinator Public Relations Coordinator Coordinates all emergency actions, personnel, and equipment.

Represents the Municipality in all the infrastructural facilities including support staff. All media enquiries and public

enquiries should be directed to CMC

Manager

Coordinate, supervise and schedule personnel, equipment and materials to facilitate the repair or replacement of

facilities, which have been prioritized by the CMC and Quality Crisis Coordinator

#### Statement

The Emergency Response Plan is intended to guide the actions of the Town of Battleford personnel during an emergency response that may affect the distribution and treatment system. Its sole purpose is to ensure the safety of Town personnel, consumers, protection of life, property, and the environment in the most efficient way possible in the event of an unexpected incident, thereby reducing the risk of injury or loss of life and minimize property damage(s).

Life Safety

The primary goal of the water system is to ensure the safety of its users. At all times, safe, clean water should be provided to the public. Examples of conditions that should never occur are the failure of the distribution system; the distribution of contaminated water; the release of hazardous materials and the collapse of structures.

High Quality Water

Supply Consumers with a sufficient quantity of safe and acceptable water

Fire Suppression

Supply enough water for fire suppression and make such water available as soon as possible after an emergency

Public Health Needs

Supply the following needs with potable water in the allowable time span after an emergency.

Commercial & Business

Supply businesses relying on water as soon as possible.

#### History

#### Water Distribution

The installation of the water distribution system commenced in the 1960's, with a significant amount of the system installed in 1965. At that time, the large majority of pipes installed were cast iron, with only a small number of streets receiving asbestos cement (AC) pipe. Water mains installed from the late 1960's to the early 1970's were AC. Polyvinyl chloride (PVC) plastic pipes were installed from around 1975 to the present.

As the Town expanded, the water distribution system was extended to service new development areas. The south side of Town was serviced in the late 1960's and early to mid 1970's. The Riverbend Subdivision in the north end of Town was serviced in the mid 1970's. Development of the West Park

Subdivision of acreage-style lots across the Battle River was started in 1976. Most of the system is therefore 20-35 years old. Recent developments include the Battle Springs Subdivision in 2007 to 2015.

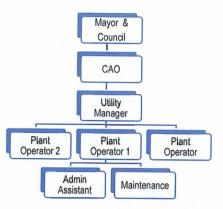


#### Sewage Treatment

The Sewage Treatment System was originally a single cell sewage lagoon, however; in 1976 the facility was outsized and required increased treatment capability. A lagoon expansion in 1978 included construction of two aerated treatment cells upstream of the existing lagoon. The upgrade was designed to service a population of 4200 people. In 2020 the Lagoon was upgraded to a four-cell aeration and three cell sagr system. This system treats the wastewater to provincial and federal guidelines to allow us to discharge into the Battle River.

#### Organization and Responsibilities Emergency Planning Task Force

Contact Name	Contact Title	Phone No	Phone No. 2	Email Address
Leslie. Ames	Town Mayor	(306) 441-2412		mayorleslie@battleford.ca
Laing, Doug	Designate Member		(306) 441-7706	councillorlaing@battleford.ca
Whittleton, Aubrey	Utility Manager	(306) 937-6228	(306) 441-7090	aubrey@battleford.ca
Chambers, Landon	Town CAO	(306) 937-6205		cao.landon@battleford.ca
Dahl, Bruce	WSA Project Manager	(306) 230-3184	(306) 933-8387	bruce.dahl@wsask.ca
Dr. Nsungu	Medical Health Officer	(306) 441-5572		
MacAngus, Ross	Bylaw Enforcement	(306) 937-6231	(306) 441-1534	publicsafety@battleford.ca



#### Water Quality & Sewer Crisis Management

Water & Sewer Crisis Coordinator:

Coordinates all emergency actions, personnel, and equipment.

Public Relations Coordinator:

Represents the Municipality in all the infrastructural facilities

including support staff. All media enquiries and public enquiries should be directed to Water & Sewer Crisis

Lead Hand:

Coordinate, supervise and schedule personnel, equipment and materials to facilitate the repair or replacement of critical drinking water facilities, which have been prioritized by the CMC and Water & Sewer Crisis Coordinator

Company Name	Contact Name	Contact Title	Address	Phone No	Phone No. 2	Email Address
Water & Sewer Crisis Coordinator (Utility Manager)	Whittleton, Aubrey	Manager	Battleford, SK S0M 0E0	(306) 937-6228	(306) 441-7090	aubrey@battleford.ca
Public Relations Coordinator & Administrator	Chambers, Landon	Town CAO	Battleford, SK S0M0E0	(306) 937-6205		coa.landon@battleford.ca
Coordinator – Mayor	Leslie, Ames	Mayor	Battleford, SK S0M0E0	(306) 441-2412		mayorleslie@battleford.ca
Personnel Lead Hand(s) - Water/Se	wer Operator	On Call		(306) 937-6224	(306) 441-5499	wtp@battleford.ca
Advisors	Dahl, Bruce	Project Manager	101-108 Research Drive Saskatoon, SK	(306) 446-6426	(306) 441-5572	bruce.dahl@wsask.ca
Advisors	Dr. Nsungu	Health Officer		(306) 441-5572	(306) 446-6426	
Advisor	MacAngus, Ross	Bylaw Enforcement	North Battleford, SK	(306) 937-6231	(306) 441-1534	nublicsafetv@hattleford.ca

#### Notification and Communication

The purpose of this section is to identify a process for system personnel to notify system users about an emergency and for system users to notify system personnel about an emergency.

In general, a Water & Sewer incident needs to follow these steps:

- 1. The Water & Sewer owner/operator(s) monitor the distribution system and treatment plant for trigger events. The local Health District monitors the public for a public health trigger;
- 2. All incidents are reported to the Water & Sewer Crisis Coordinator:
- 3. The Water & Sewer Crisis Coordinator evaluates the event, determines if a trigger has been met and classifies all events even those without a technical action plan (TAP) (see section 6).
- 4. The Water & Sewer Crisis Coordinator activates the Water & Sewer Quality Crisis Management Cell, if called for;
- 5. The Water & Sewer Quality Crisis Management Cell directs the implementation of the TAP and recommends further actions, if required. This may require the notification of the Emergency Measures Organization for the municipality
- 6. The Water & Sewer Quality Crisis Management Cell utilizes the Communication Plan to advise the public.
- 7. When the emergency is over, Water & Sewer Quality Crisis Management Cell is deactivated; and
- 8. The Water & Sewer Crisis Coordinator prepares a report on the incident and presents it to the Water & Sewer Emergency Planning Task Force for evaluation.

System personnel will typi	cally inform system users using one o	r more of the following methods:		
□ phone	☐ phone tree ☐ flyer	□ personal contact		
☑ media release	■ door to door or □ other			
System users need to also newsletters are used to pro	be given the names and phone numb	ers of the system personnel to con	atact in case of an emergency. Typically, billing o	or

#### Media Communications

In any crisis, the media will receive information only from the designated spokesperson(s). The spokesperson(s) will call a media conference, give information over the phone or release a written statement.

The Town of Battleford website (<a href="www.battleford.ca">www.battleford.ca</a>) and social media pages will be updated as information becomes available. In the case of a major emergency or disaster, the emergency hotline will be manned 24 hours a day until the Water & Sewer Quality Crisis Management Cell determines that the crisis has ended. The phone at the office (306-937-6224) will be utilized for this purpose.

Company Name	Contact Name	Contact Title	Phone No	Phone No. 2	Email Address
SaskAlert	Jean Longpre		(306) 787-6678		Email Fludicus
Battlefords News Optimist			(306) 445- 7261		
Battlefords Now			(306) 445- 2477		
		News Room	(306) 446- 6397		
	Colin McGarrigle	News Director			colin.mcgarrigle@jpbj.ca
Q98 97.9 FM	Main Switchboard		(306) 445-2477		0 0 0 0
	Newsline		(306) 446-6397		
	Karl Johnston	General Manager			
	Mike Aimoe	After Hours Emergency	(306) 480-4570		Aimoe@jpbq.ca
93.3 FM The Rock	Same as Q98 above			- 10	
1050 AMM CJNB	Same as Q98 and 93.3 FM above	Newsline			cjnbnews@jpbg.ca
Jim Pattison Group			(604) 688-6764		- sjinemente@jpsg.ca
North Battleford Radio Stations After Hours Emergency Only	Kathy Gallant		(306) 480-4570		kathy.gallant@jpbj.ca
	Mike Aimoe	Station Manager	(306) 480-4570		Mike.aimoe@jpbj.ca
	Matt Ryan		(306) 290-7643		Matt.ryan@jpbj.ca

#### Official Statements

Precautionary Drinking Water Advisory, Emergency Boil Water Order & Emergency Boil Water Notices.

#### Precautionary Drinking Water Advisory

This Advisory applies	to all residents and users in the	and is effective: _:00 am/pm	day, Month Date, Year.
Pursuant to clause 36(1)(a)	of The Environmental Management and Prote	ection Act, 2010 this Precautionary Drinking	Water Advisory is issued due to and therefore
the safety of	drinking water supply cannot be ensur  Management and Protection Act, 2	red at all times. Therefore, pursuant to Claus 2010, consumers must be notified to:	e 36(1)(b) of <i>The Environmental</i>

- (a) boil all water, used for drinking purposes, for at least one (1) minute, at a rolling boil, prior to use;(b) boil water to be used for other activities where it may be ingested, including: (i) brushing teeth or soaking false teeth;
  - (ii) washing fruits and vegetables; or drink which will not be subsequently heated; and

(iii) food or drink which will not be subsequently heated; and (iv) ice cubes:

(c) not use the water for washing dishes, unless the water has been boiled or the dishes are sanitized in another fashion. Washed dishes and utensils can be soaked in a bleach water solution (approximately 2 tablespoons of bleach per gallon or 10 ml of bleach per liter of water) for at least two minutes after being washed to kill any bacteria which may be present.

Note: Do not mix bleach with soaps or detergents.

- (d) not drink from any public drinking fountains supplied with water from the public water supply;
  - (e) ensure that younger children and infants are sponge bathed;
- (f) use an alternative water source known to be safe, if they do not wish to boil the water; and
- (g) consult with your physician if you have cuts or rashes that are severe before using the water.

Under most circumstances, there is no need to boil water used for other household purposes. Adults, adolescents and older children may shower, bathe or wash using tap water but should avoid swallowing the water. Laundry may be washed in tap water, either by hand or by machine.

This Advisory is effective immediately and will not be lifted until the water supply is determined to be completely safe.

If you require any additional information, please contact the following:

Municipal Office 
Water Security Agency – Environmental & Municipal Management Services Division

Water Security Agency - Communications Manager

?????????????? Health Region

Media Inquiries

306-???-????

Environmental Project Officer Water Security Agency

#### Order To Remedy A Health and Hazard Associated With Water

This order given this(date) pursuant to Section 25 of <i>The Public Health Act, 1994</i> .
To: (Municipality or owner/operator of the water supply)
Whereas you are responsible for the following health hazard: The (presence of contaminates or lack of minimum treatment), namely (list)(in, for) the public water supply provided by you to the municipality(ies) of
Pursuant to Section 25 of <i>The Public Health Act, 1994</i> , you are hereby ordered to remedy the health hazard by:  1. Take all reasonable steps to immediately notify all users of the public water supply of the (presence of unacceptable bacteria levels or lack of adequate disinfection) and the steps necessary to make the water supply safe, including:  (a) boiling all water used for drinking purposes for at least one minute, at a rolling boil, prior to usage;  (b) advising that such boiled water should be used as the water for other activities where it may be ingested, including:  (i) tooth brushing or soaking false teeth;  (ii) dishwashing, unless sanitized in another fashion;  (iii) food or drink which will not be subsequently heated;  (iv) ice cubes  (c) advising persons providing food or drink to the public to ensure all water that will be consumed by the public is boiled and to make unoperational all public drinking fountains supplies with water from the public water supply.  (d) making the attached "Emergency Boil Water Notice" available to users of the public water supply by:  (a) (v) posting in conspicuous places in public buildings and areas in the municipality(ies). (vi) list any other appropriate methods for the circumstance — newspaper, distribute copies. etc.);  (e) advising persons not wishing to boil water that they should use an alternative water source known to be safe.  2. This order remains in effect until safe water is restored as evidenced by the completion of any necessary work and receipt of at least two consecutive series of satisfactory water sample test results taken from the public water supply, as directed by Saskatchewan Environment.  **WOTE TO MEDICAL HEALTH OFFICER OR DESIGNATE: This Order should be accompanied by a cover letter, which includes a statement similar to the
ollowing: You may appeal this Order in accordance with Section 11 of the Public Appeals Regulations (excerpt for the regulations, pages 5-10, attached).
Medical Health Officer or Designate
Sample PDWA Media Release – Faxed to Local Radio and Television Stations
Water Security Agency, in consultation with the Health Region, has issued a Precautionary Drinking Water Advisory for the region/municipality/owner due to (state reasons)
All residents and users of water from thesystem are notified to:  • boil water used for drinking purposes for at least one minute at a rolling boil prior to use;  • do not drink from any public drinking fountains supplied with water from the public water supply;  • use an alternative water source known to be safe, if they do not wish to boil the water.  • boil water for at least one minute at a rolling boil when it is to be used for other activities where it may be ingested, including: (i)  brushing teeth or soaking false teeth;  1. dishwashing, unless sanitized in another fashion;  2. using water in food or drink which will not be subsequently heated;  3. making ice cubes; and  4. washing fruit and vegetables.

Under most circumstances, residents do not need to boil water used for other household purposes. Adults, adolescents and older children may shower, bathe or wash using tap water but should avoid swallowing the water. Younger children and infants should be sponge-bathed. Residents should also consult with a physician before using the water if they have severe cuts or rashes. Laundry may be washed in tap water, either by hand or by machine.

This Advisory is effective immediately??? or enter date, time and or location it takes effect ???, and will not be lifted until the water supply is determined to be completely safe.

Water Security Agency,	(municipality/owner) a quickly as possible, ar	and the nd will continue to	Health Regional Health Regi	on are working tog advised.	gether to resolve the problem as
For more information, please contact	t.				
Municipal Office		306			
WSA Policy & Communications Divi	ision	306 - 694-89	14	- Media Inquiries	
WSAHead/field Office				_ (Inquiries regard	ing PDWA
Health Region					ing PDWA)
Immediate Release – Sample EB	WO Media Release – Faxed	To Local Radio ar	nd Television S	Stations	
	Emergency Boil Water Order	Issued for	(munic	cipality/owner)	
The	Health Region.	Water Security Ag	ency and the		(municipality/owner) have
announced that, effective immed	diately, an Emergency Boil Wate	er Order has been i	issued for the _		region/municipality/owner.
boil water for a  Under most circumstances, resident bathe or wash using tap water but consult with a physician before using	using water in for 2. dishwas     4.  s do not need to boil water use should avoid swallowing the water if they have severe	rinking fountains so source known to be sould when it is to be brushing teeth or od or drink which with the shing unless sanitized. The same area of the same area of the same area of the same area of the same area. Younger child cuts or rashes. Lange source is sourced to the same area.	upplied with was be safe, if they can used for other soaking false to will not be subsized in another faubes; and divegetables.  In and infants undry may be with the safe to	ter from the public do not wish to boil activities where it eeth; eequently heated; ashion;  Adults, adolescents should be sponge washed in tap wate	e water supply; the water. may be ingested, including: (vi) s and older children may shower, e-bathed. Residents should also r, either by hand or by machine.
This Boil Water Order is issued due	to (state reasons)		, and will not	be lifted until the	water supply is determined to be
completely sale. The	Health Region, wat	ter Security Agency	√ and the		(municipality/owner) are working
together t	o resolve the problem as quickl	y as possible, and	will continue to	keep residents ad	lvised.
For more information, please contact:					
Municipal Office		306			
WSA Policy & Communications Divis	ion	306 - 694-891	4	Media Inquiries	
WSAHead/field Office				(Inquiries regarding	na PDWA)
Health Region		306 -		(quiilos rogurun	ig ( D v v v
For any media inquiries please contac	ct applicable Health Region				
Follow-up/Update – Sample PDW. Emergency Boil Water Order/Precauti	A/EBWO Media Release – Fa. onary Drinking Water Advisory	xed To Local Radio	o, Television Sta	ations and Newspa	per
The	Health Region, Wate	r Security Agency	and the	(	municinality/owner\ are advising
The residents the cooking, food preparation, m	at there continues to be a high laking ice cubes, washing dishe	level of risk with th s or brushing teeth	n must be broug	_ drinking water sy ght to a rolling boi	ystem. Water used for drinking, I for at least one minute.
The EBWO	/PDWA remains in place due to	(state reasons)			
"Our top priority is protecting the hea	alth of the public, and we are tal				
This Boil Water Order/PDWA	will not be lifted until the water	Supply is determin	ned to he comp	letely safe Water	Security Agency and the
(municipal	lity/owner) are conducting a full	review of the water	er systems and v	will be consulting	with the HR on risks to public
	health. The pub	olic will continue to	be advised.	0	The state of the s

For more information, please contact:		
Municipal Office	306	
Health Region	306	
WSAHead – field Office	306	(Inquiries regarding PDWA)
WSA Policy & Communications Division	306– 787-6595	(Media Inquiries)
Final Follow-up— Sample PDWA/EBWO Media Rele Emergency Boil Water Order/Precautionary Drinking Wa	ease – Faxed To Local Radio, Television Iter Advisory Lifted	on Stations and Newspaper
The Health Region/Field Offi Water Advi	ce of Water Security Agency has lifted sory for (munic	the Emergency Boil Water Order/ Precautionary Drinking cipality/owner).
"The factors that caused the issuance of the Order/Ac "Residents no longer need	dvisory have been rectified," said (local to boil their water before drinking or t	MHO/local EPO or EP Manager in the case of a PDWA). using the water in other ways."
For more information, please contact: Municipal Office	200	
Health Region		
WSAHead – field Office	306	
WSA Policy & Communications Division	306 - <u> </u>	(Inquiries regarding PDWA) 595 (Media Inquiries)
Handout for Public Facilities Precautions To Be Taken During A Precautionary Drinkir The following precautionary measures for public facilitie community. These measures do not apply to all	s are in addition to the measures that	Nater Order at Public Facilities  are listed in the PDWA/EBWO that have been posted in the ertinent to the premise's operation may be ignored.
a.	Do NOT serve water directly from the	e taps to your clients.
b. Water being served must be brouç c. Bo	ght to a rolling boil for at least one min ttled water from an alternate approved	ute, cooled and then refrigerated before being used cold. source may also be used.
d. Coffee makers connected to the v	water supply must be disconnected if t boiling point.	he water being heated for making coffee does not reach
f. Discard any in	ce made in the last 7 days or otherwise	s and vegetables that will not be cooked. e directed by the local health region. machines, drink dispensers or similar equipment.
h. The water may be used for washing	g dishes in a dishwasher if there is a s for 5 minutes or 72C for i. Disconnect drinking for	ani-cycle that reaches at least 45C for 20 minutes or 50C 1 minute.  untains.
k. In dental offices, provide boiled or	bottled water for patients when rinsin- provided with a safe s	reminding customers NOT to drink from the taps. g mouths. Also ensure that equipment that uses water is upply.
Actions to be taken when the Precauti	onary Drinking Water Advisory / Emer Water lines within the premise should	gency Boil Water Order has been lifted. be completely flushed
b. Any equipment that is	s directly connected to the water lines water filters should be properly cleane	should be flushed, including water heaters.

#### Ciana

All example signs (Precautionary Drinking Water Advisory & Emergency Boil Water Order) are available from the Water Security Agencies document entitled "Bacteriological Follow-up Standard for Water & Sewer, November 1, 2012, EPB 505".

#### Technical Action Plans

Distribution System

Classification of the Emergency or Disaster

Level 1: Normal (routine) incident – Personnel and equipment currently on duty can handle the problem. There will be no effect on subsequent shifts or future operations. The CMC is not activated.

Level 2: Minor emergency – Personnel and equipment currently on duty can handle the emergency, but requires that additional staff be notified, given related work tasks, or work additional shifts. The CMC is activated, and the Water & Sewer Emergency Command Center is staffed.

Level 3: Major emergency - The problems are beyond the capabilities of the drinking water and lagoon system staff and equipment. Requires personnel work extra shifts and they may need the assistance of outside help. The CMC is activated, and the Water & Sewer Emergency Command Center is staffed.

Level 4: Disaster - Problems are clearly and immediately beyond the capability of the drinking water system. The costs will be great, and the repair time will exceed one week. The assistance of outside personnel and equipment will be required. The CMC is activated, and the Water & Sewer Emergency Command Center is staffed.

The purpose of this section is to serve as a repository for detailed reference material that may be used for training or needed during an emergency.

Flood conditions Trigger events: (Disaster)

widespread flooding occurs.

Action

notify WSA - Environmental Project Officer (EPO);

notify users of the potential for water contamination, loss of pump, power, etc. Users should be advised to store some drinking water in advance and to boil any suspect

water for at least one minute; notify priority customers;

contact local media for public service announcement (where all customers cannot be notified by phone); and

contact government agencies (see below) for advice and assistance.

Contact

Owners of water system, WSA (Local EPO), Saskatchewan Emergency Planning and others as necessary.

Outbreak of a waterborne disease Trigger events: (Major emergency to disaster)

local Health District notifies the water system of a confirmed outbreak.

Action

notify WSA - EPO;

notify users of the potential for water contamination. Users should be advised to boil any suspect water for at least one minute;

notify priority customers;

contact local media for public service announcement (where all customers cannot be notified by phone; and

contact government agencies (see below) for advice and assistance

Contact

Owners of water system, WSA (Local EPO), Saskatchewan Emergency Planning and others as necessary

Contamination of source Trigger event: (Major emergency)

gross deterioration of source water due to a spill, vehicle accident or natural causes.

Action

shut down pump;

notify WSA - Environmental Project Officer;

notify users;

notify priority customers;

contact government agencies (see below) for advice and assistance; and

contact local media for public service announcement (where all customers can not be notified by phone).

Contact

Owners of water system, WSA (Local EPO), Saskatchewan Emergency Planning and others as necessary.

Loss of source Trigger event: (Major emergency)

Access to source water is lost due to intake problems or natural causes

Action

shut down pump; notify WSA - EPO;

notify users;

notify priority customers; and

contact government agencies (see below) for advice and assistance.

Contact

Owners of water system, WSA (Local Environmental Project Officer) and others as necessary.

Treatment process failure

Loss of chlorine residual leaving plant Trigger events:

chlorine level leaving the plant is less than 0.1 mg/l free chlorine. (Minor emergency) notify WSA - EPO;

Action

notify users of the potential for water contamination. Users should be advised to boil any suspect water for at least one minute; 🛘 notify priority customers; and contact government agencies (see below) for advice and assistance.

Contact

Owners of water system, WSA (Local EPO), Chlorinator and chlorine suppliers

Loss of chlorine residual in distribution system Trigger events: (Major emergency)

chlorine levels at any place in the distribution system is less than 0.1mg/l free chlorine or 0.5 mg/l total chlorine.

Action

notify WSA- EPO;

notify users of the potential for water contamination. Users should be advised to boil any suspect water for at least one minute;

notify priority customers; and

contact government agencies (see below) for advice and assistance.

Contact Owners of water system, WSA (Local Environmental Project Officer), Chlorinator and chlorine suppliers

Increased turbidity in filter effluent Trigger event: (Minor emergency) C

the effluent turbidity of a filter is greater than 0.3 N.T.U. Sudden increases generally indicate a system disturbance or treatment failure

notify WSA - EPO;

notify users of the potential for water contamination. Users should be advised to boil any suspect water for at least one minute; a notify priority customers; and contact government agencies (see below) for advice and assistance.

Contact Owners of water system, WSA (Local EPO)

Page 8 of 17

Microbial contamination detected Trigger event: (Routine incident to major emergency)

a positive microbial test result is received for the treated water

Action Contact Follow Saskatchewan's Bacteriological Protocol for Water & Sewer Regulated by Water Security Agency and Saskatchewan Environment EPB 505 procedures document

As per Saskatchewan's Bacteriological Follow-up procedures document.

Pump system failure Trigger events: (Minor Emergency)

all pumps fail and unable to supply water or distribution system pressure drops

Action

notify WSA - EPO;

notify users of interruption of service; and

notify priority customers.

Contact

Owners of water system, WSA (Local EPO), Pump supplier

Other treatment process failure Trigger events: (Routine incident to major emergency)

loss of coagulation, or other significant process failures.

Action

notify WSA - EPO;

notify users of the potential for water contamination. Users should be advised to boil any suspect water for at least one minute;

notify priority customers; and

contact government agencies (see below) for advice and assistance

Contact Owners of water system, WSA (Local EPO)

Power failure Trigger events: (Minor emergency)

power outage.

Action

notify WSA - EPO;

start backup generator, if possible;

notify users of interruption of service if backup pump not capable of maintaining supply;

notify priority customers; and

call SaskPower.

Contact

Owners of water system, WSA (Local EPO)

Distribution system problems

Backflow or back siphonage/ significant loss of pressure in the system Trigger events: (Major emergency)

backflow or contamination is widespread throughout the distribution system

Action

notify WSA - EPO:

notify users of to boil their water for at least one minute or take other disinfection procedures or as instructed by SE;

notify priority customers; and

purge and disinfect lines as directed

Contact

Owners of water system, WSA (Local EPO)

Water breaks - sanitary repair procedures Trigger event: (Major emergency)

main line breaks

Repairing a main break is the most common type of emergency maintenance in a distribution system. Depending on site-specific conditions, a main break may be a source of contamination. For example, if the damaged pipe is below the water table or in contact with a sewage or storm water main, contamination may occur. As noted, maintenance procedures differ for main breaks between those breaks likely and unlikely to cause contamination. Contact your local EPO if you are unsure about whether contamination is expected for a break

Action

If contamination is not expected:

call excavation contractor;

treat the replacement pipe and fittings with a chlorine solution; and

notify downstream users of interruption of water service, if required

If the existing main is partially or wholly dewatered, some of the following steps may be necessary to repair the main: Actions (AWWA C651-99): control water loss by completely or partially shutting down the main.

flushing may be used to minimize flow toward the damaged main, thus reducing the extent of possible contamination;

water should be reduced to a level below the break as quickly as possible. Groundwater may be treated with hypochlorite while repairs are underway. If the water appears

to be clear, a 25 to 50 ppm dose may be sufficient. If sewage is present, a dose greater than 100 ppm is suggested;

customers at higher elevations than the break should be notified to shut off the inlet valve at their meter to prevent siphoning of hot-water tanks or water softeners;

extensive flushing may be used to purge possible contaminants and to bring clear water to the point of damage; chlorine residuals should be checked hourly to evaluate the effectiveness of pumping and flushing procedures;

mains which have been repaired after a break or leak need to be cleaned, disinfected and monitored before being returned to service; and

monitoring that follows a main disinfection or the addition of a new facility usually entails a check for microbial activity, pH, turbidity, color, disinfectant residual, odor and an

analysis for volatile organic compounds that may be associated with the application of coatings

Contact

Owners of water system, WSA (Local EPO), excavation contractor and others as necessary.

Trigger event: (Major emergency)

storage facility break

Emergency repair of finished water storage facilities is warranted by conditions such as:

penetration due to localized corrosion;

penetration or splits due to extensive metal loss;

high turbidity and/or bacteria from excessive sediment; or

animal contamination due to screen failure.

Generally, emergency maintenance on steel or concrete storage facilities involves temporarily plugging a hole or other penetration in the facility wall. Ultimately, however,

the temporary repair should be replaced with a welded patch.

Action

temporarily plug hole or other penetration in storage facility wall, if required

notify WSA - EPO;

flush the water from the storage facility;

notify users if an interruption in service is expected;

contact government agencies (see below) for advice and assistance; and

contact contractor to permanently repair puncture. (i.e. welded patch on a steel reservoir).

Contact

Owners of water system, WSA (Local EPO), Saskatchewan Emergency Planning and others as necessary

#### Customer complaints Trigger event: (Routine incident)

consumer complaint

Water quality complaints should be logged in a retrievable format for tracking and reporting purposes. Tracking the complaints can help identify problem areas of the system. Temporary fixes (such as flushing) should not be used to address chronic water quality problems (such as excessive chlorine demand, turbidity, sediment, corrosive water, etc.).

Action log the water quality complaint;

investigate the water quality complaint;

Contact None

#### Training & Plan Review

Training is provided:

- for new employees during their introductory period;
- for transferred or promoted employees;
- when new equipment or materials are introduced which affect the response in an emergency;
- when emergency procedures are revised; and
- · at least annually.

Testing of the plan is performed periodically so all individuals involved are aware of their duties.

#### Major System Components

1 - 1 - 1				
Administration & Operations  • personnel  • facilities and equipment (buildings and computers)  • records  • emergency plan	Source Water  • watersheds and surface water sources  • reservoirs and dams  • groundwater sources  • wells and galleries	Transmission System  intake structures  aqueducts  pump stations  pipelines, valves and other appurtenances	Treatment Facility  • facility Structures (buildings, basi tanks)  • controls (manual and computer)  • equipment (feeder, pumps, and p  • chemicals	<ul><li>valves</li><li>piping</li></ul>
Distribution System  • pipelines, valves and other appurtenances  • pump or pressure reducing stations  • materials (extra pipe, valves, hydrants, etc.)	Electric Power  • substations  • transmission lines  • transformers  • standby generators	Transportation  • vehicles (including construction equipment)  • maintenance facilities  • supplies, spare parts, and fuel  • roadway infrastructure	Communications  • telephone  • radio  • telemetry  • mass media outlets (such as newspaper, radio and television)	Consumers  • increased risk of acute sickness  • increased risk of chronic sickness  • aesthetically less pleasing

## Emergency Disinfection of the Distribution System Water Mains

The purpose of this standard is to define the minimum requirements for the disinfection of water mains, including the preparation of water mains, application of chlorine, and sampling and testing for the presence of coliform bacteria.

Disinfection is performed in accordance with AWWA Standard C651. Three forms of chlorine may be used for disinfection including liquid chlorine, liquid sodium hypochlorite and calcium hypochlorite, which is available in granular form or tablets. Three disinfection methods are included in the standard, as summarized in the below table. The utility may select the most appropriate method for each specific application.

Disinfection does not occur until the chlorine demands are met. Chlorine demand is caused by the pipe's interior surface, pipe joint lubricant, rust from connected mains, construction dirt and the water used to fill the main.

The use of too much chlorine can be a problem. Not only may the taste and odor be unacceptable, but the production of trihalomethanes such as chloroform and chlorate from calcium hypochlorite makes the disinfected water unusable in the distribution system.

	Tablet	Continuous Feed	Slug
Dose	25 mg/L	10 mg/L Free Chlorine Residual after contact time	50 – 100 mg/L
Time	24 – 48 Hrs.	24 Hrs.	3 Hrs.
Application	Mains up to 24 inches.  Not to be used on solvent-welded plastic or screwed joint steel pipe	General	Large Diameter mains, long mains
Advantages	Requires no special equipment	Uniform chlorine concentration	Reduced volume of heavily chlorinated water to be disposed
Disadvantages	No preliminary flushing. Main kept clean and dry during construction. Chlorine conc.		10 20 410,0000

	Not uniform Tableto and it is a little	
	Not uniform. Tablets may dissolve slowly	
	under stagnant conditions.	
Source: AMAMA (100	12)	

Source: AWWA (1992)

#### Wells

#### Shock Chlorination Procedure for Drilled Wells

A modified procedure is provided for large diameter wells.

Caution: If your well is low yielding or tends to pump any silt or sand, you must be very careful using the following procedure because over pumping may damage the well. When pumping out the chlorinated solution, monitor the water discharge for sediment.

Follow these steps to shock chlorinate your well:

Step 1 Store sufficient water to meet needs for 8 to 48 hours.

Step 2 Pump the recommended amount of water (see Table 1, Amount of Chlorine Required to Obtain a Chlorine Concentration of 1000 PPM) into clean storage. A clean galvanized stock tank or pickup truck box lined with a 4 mil thick plastic sheet is suitable. The recommended amount of water to use is twice the volume of water present in the well casing. To measure how much water is in the casing, subtract the non-pumping water level from the total depth of the well. See the example below.

#### Metric Example

The drilling record indicates the casing is 61 meters in length and the non-pumping ("static") water level is 30.5 meters ft. The length of casing that is holding water in it is 30.5 m. (61-30.5). If your casing is 150 mm. in diameter you need to pump 35.3 litres of water for every meter of water in the casing, into your storage container. Since you have 30.5 m. of water in the casing, you will pump 35.3 L./m. x 30.5 m. = 1077 litres. of water into storage.

Using Table 1, calculate how	much water you	need to pump i	into clean storage.	
Casing diameter	needs	L/m. x	m. =	I.

Table 1 - Amount of Chlorine Required To Obtain A Chlorine Concentration of 1,000 PPM-Metric

	Mm	100	150	200	600	900
Volume of Water Needed Per 1 Meter of Water	L	15.7	35.3	62.8	565.4	1272.3
5 ¼% Domestic Chlorine Bleach – Litres Needed Per 1 Meter of Water	L	0.30	0.67	1.2	10.8	24.2
12% of Industrial Sodium Hypochlorite – Litres Needed Per 1 Meter of Water	L	0.13	0.29	0.52	4.7	10.6
70% High Test Hypochlorite – Dry Weight <sup>1</sup> Per 1 Meter of Water	G	102.0	229.5	408.0	3672.4	8262.9

#### Imperial Example

The drilling record indicates the casing is 200 ft. in length and the non-pumping ("static") water level is 100 ft. The length of casing that is holding water in it is 100 ft. (200-100). If your casing is 6 in. in diameter you need to pump 2.4 gal. of water for every foot of water in the casing, into your storage container. Since you have 100 ft. of water in the casing, you will pump 2.4 gal./ft. x 100 ft. = 240 gal. of water into storage. Using Table 2, calculate how much water you need to pump into clean storage.

Casing diameter \_ needs\_ \_\_gal./ft. x \_\_\_\_\_\_ ft. = \_\_\_

Table 2 - Amount of Chlorine Required To Obtain A Chlorine Concentration of 1,000 PPM-Imperial

ln.	4	6	8	24	36
Gal – Canadian	1.1	2.4	4.3		87.9
Gal	0.02	0.05			17
Gal	0.01	0.02	0.74		0.73
Oz.	0.25	0.56	1.7		20.1
	Gal Gal	Gal 0.02 Gal 0.01	Gal 0.02 0.05 Gal 0.01 0.02	Gal         0.02         0.05         0.08           Gal         0.01         0.02         0.74	Gal         0.02         0.05         0.08         0.74           Gal         0.01         0.02         0.74         0.33

Since a dry chemical is being used, it should be mixed with water to form a chlorine solution before placing it in the well.

12% industrial sodium hypochlorite and 70% high test hypochlorite are available from:

- Water treatment suppliers Figure 1 Siphoning Chlorine Solution
- Drilling contractor (s)
- · Swimming pool maintenance suppliers
- · Dairy equipment suppliers
- · Some hardware stores.

Caution: Chlorine is corrosive and can even be deadly. If your well is located in a pit, you must make sure there is proper ventilation during the chlorination procedure. Well pits are no longer legal to construct. Use a drilling contractor who has the proper equipment and experience to do the job safely.

**Step 3** Calculate the amount of chlorine that is required, as shown in Table 1 and Table 2. Mix the chlorine with the previously measured water to obtain a 1000 ppm chlorine solution.

# Figure 1 Siphoning Chlorine Solution Sphon hose Chlorine Solution West West Aquifer

#### Example - Calculation Amount of Chlorine Metric

If your casing is 150 mm. and you are using 12% industrial sodium hypochlorite, you will require .29 litres per m of water in the casing. If you have 30.5 m. of water in the casing, you will use 0.29 litres  $\times$  30.5 m. = 8.85 litres of 12% chlorine.

Using Table 1, calculate the amount of chlorine you will need for your well.

Casing diameter\_\_\_\_\_ Chlorine strength\_\_\_\_ Gallons needed per 1 m. of water\_\_\_\_ x \_\_\_\_ m. of water in casing = \_\_\_\_\_ litres of chlorine.

#### Example - Calculation Amount of Chlorine Imperial

If your casing is 6 in. and you are using 12% industrial sodium hypochlorite, you will require .02 gal per ft. of water in the casing. If you have 100 ft. of water in the casing, you will use 0.02 gal x 100 ft. = 2.0 gal of 12% chlorine.

Using Table 2, calculate the amount of chlorine you will need for your well.

Casing diameter\_\_\_\_\_ Chlorine strength\_\_\_\_\_ Gallons needed per 1 ft. of water\_\_\_\_\_ x \_\_\_\_\_ ft. of water in casing = \_\_\_\_\_ gal of chlorine.

Step 4 Siphon this solution into the well (see Figure 1, Siphoning Chlorine Solution).

Step 5 Leave the chlorine solution in the well and distribution system for 8 to 48 hours. The longer the contact time, the better the results.

Step 6 Open an outside tap and allow the water to run until the chlorine odor is greatly reduced. Make sure to direct the water away from sensitive plants or landscaping.

Step 7 Flush the chlorine solution from the well and piping.

If you have an old well that has not been routinely chlorinated, consider hiring a drilling contractor to thoroughly clean the well prior to chlorinating. Any floating debris needs to be removed from the well and the casing scrubbed or hosed to disturb the sludge buildup.

#### Modified Procedure For Large Diameter Wells

Due to the large volume of water in many bored wells the above procedure can be impractical. A more practical way to shock chlorinate a bored well is to mix the recommended amount of chlorine right in the well. The chlorinated water is used to force some of the chlorine solution into the formation around the well. Follow these steps to shock chlorinate a large diameter bored well.

Step 1 Pump 200 gal. (1000 L) of water into a clean storage tank at the well head.

Step 2 Mix 20 L of 5 1/4% domestic chlorine bleach (or 8 L of 12% bleach or 1.4 kg of 70% calcium hypochlorite) into the 200 gal. of stored water. This mixture will be used later in Step 4.

Step 3 Using Table 2 (or Table 1 for metric calculations) calculate the amount of chlorine you require per foot of water in the casing and add directly into the well. (Note that the 70% hypochlorite powder needs to be dissolved in water to form a solution before placing in the well.)

Step 4 Siphon the 200 gal. bleach and water solution prepared in Steps 1 and 2 into the well.

Step 5 Complete the procedure as described in Steps 5 to 7 for drilled wells.

Parts of this section are reprinted from *Shock Chlorination and Control of Iron Bacteria* and are available on-line at http://www.agric.gov.ab.ca/agdex/700/16d12.html#shock with the permission of Alberta Agriculture, Food & Rural Development.

#### Alternate Source of Water

#### Water Supply

Besides boiling the water during an emergency situation, people need to be informed about alternatives such as water bottlers and household filters, which they can use if necessary. This will lessen the problems of the people, if they don't want to boil the water. The municipal authorities need to keep a list of agencies

#### **Emergency Water Source**

During an emergency situation, if the outbreak persists for a long period, boiling the water or looking for bottled water may frustrate people. It may become necessary to create a central water supply area from where people can get clean safe water. People may find it more convenient to haul treated water home from a central supply area rather than boiling large quantities for drinking and food preparation. There are also small package treatment plants that could be used during such situations. Another option for a central supply is to haul treated water from a nearby community. Cash flow has to be available to meet the situation, so funds need to be reserved. A list of bottled water distributors shall be included.

#### Wastewater

Effluent Disposal Failure

In any event there are a series of general steps to take:

- 1. Analyze the type and severity of the emergency
- 2. Take immediate actions to save lives
- 3. Take action to reduce injuries and system damage
- 4. Make repairs based on priority demand; and
- 5. Return the system to normal operation

The following identifies the assessment, set forth immediate response actions, define that notifications need to be made, and describe important follow-up actions.

Extended Po	wer Outage:
Treatment ar	nd pumping components are susceptible to outages due to thunderstorms, high winds and winter weather.
Action	Assess potential outage duration; monitor lift stations and lagoons; ensure generators are running.
Contact	Sask. Power Owners of wastewater system, WSA (Local EPO), Saskatchewan Emergency Planning and others as necessary.
Follow-up Collection Sy	Return system to general power supply; inspect pumping facilities and lagoons for normal operation system Blockage or Line Break
Line breaks ( Action	will most likely occur due to construction activities. Blockages are most likely to occur from root intrusion or solid buildups.  Identify the location; contact contractors for repairs and local plumber for clearing a blockage. Contain any release of untreated wastewater and isolate from public access.
Contact	If a discharge of untreated wastewater has occurred.  Owners of wastewater system, WSA (Local EPO), Saskatchewan Emergency Planning and others as necessary within 24 hours.  Post caution signs on any impacted waterways, and any potentially impacted customers
Follow-up	Monitor the situation. Coordinate with Public health officials for sampling, testing and monitoring of impacted surface waters until safe for public contact. Notify customers when repairs are completed and service back to normal
Collection Sy Determine the Action	rstem Pumping Facilities Failure e cause of the failure. There are two (2) pumps at each lift station. Most likely cause for a failure of both pumps would be due to a power outage Start backup generator
100011	If one pump fails, isolate for repair or replacement, relying on the second pump. If both pumps fail, shut down, relying online storage for short term repairs.
Contact	Owners of wastewater system, WSA (Local EPO), Saskatchewan Emergency Planning and others as necessary within 24 hours.  Post caution signs on any impacted waterways, and any potentially impacted customers.  Follow Collection System Blockage or Line Break if there was a release of untreated wastewater.
Follow-up	Monitor the situation.  Coordinate with Public health officials for sampling, testing and monitoring of impacted surface waters until safe for public contact.  Notify customers when repairs are completed and service back to normal
Treatment Sys	stem Failure
Action	ilures to the treatment system would involve transfer pump failure; aeration system failure; chemical feed pump failure; or control system failure.  Available lagoon storage and system redundancies should allow time for adequate repairs without interruption of service or discharge of untreated wastewater.
Contact	Owners of wastewater system, WSA (Local EPO), Saskatchewan Emergency Planning and others as necessary within 24 hours of any Permit non-compliance or unauthorized discharge which may endanger public health or the environment.
Follow-up	Provide a written follow-up to the Owners of wastewater system, WSA (Local EPO) Coordinate with Public health officials for sampling, testing and monitoring of impacted surface waters until safe for public contact.
Effluent Diene	

Most likely failures to the treatment system would involve irrigation pump failure; irrigation or sprinkler piping break or weather conditions that would prohibit irrigation Available lagoon storage and system redundancies should allow time for adequate repairs without interruption of service or unpermitted discharge of effluent. Action Owners of wastewater system, WSA (Local EPO), Saskatchewan Emergency Planning and others as necessary within 24 hours of any Permit non-compliance or un-Contact authorized discharge which may endanger public health or the environment. Follow-up Provide a written follow-up to the Owners of wastewater system, WSA (Local EPO) Coordinate with Public health officials for sampling, testing and monitoring of impacted surface waters until safe for public contact. Chemical Contamination Most likely to occur due to illegal dumping of chemicals into the sewer system. Identify the source of the contamination and eliminate or isolate if possible. For hazardous spills call 911 and seek action as directed by emergency services. Action Owners of wastewater system, WSA (Local EPO), Saskatchewan Emergency Planning and others as necessary within 24 hours of any Permit non-compliance or un-Contact authorized discharge which may endanger public health or the environment. Follow-up Once informed that conditions are safe, assess the damage and make any needed repairs. Provide a written follow-up to the Owners of wastewater system, WSA (Local EPO) Coordinate with Public health officials for sampling, testing and monitoring of impacted surface waters until safe for public contact. Vandalism Immediately assess the severity, extent and potential risk to the public health due to the incident. Make any necessary repairs; provide additional protection; mobilize staff Action and volunteers to watch for future action. Contact Local emergency services (911) Owners of wastewater system and WSA (Local EPO) if the incident causes contamination or violation of permit requirements Follow-up Once informed that conditions are safe, assess the damage and make any needed repairs. Provide a written follow-up to the Owners of wastewater system, WSA (Local EPO) Complete repairs, sampling and testing as appropriate. Implement additional security procedures and update the emergency response plan as needed. Flood Action After flood waters have receded assess the damage and make any needed repairs Owners of wastewater system, WSA (Local EPO), Saskatchewan Emergency Planning and others as necessary within 24 hours of any Permit non-compliance or un-Contact authorized discharge which may endanger public health or the environment. Follow-up Notify customers when sewer service is back to normal Hazardous Materials Spill into Collection System Assessment should be completed by emergency services Seek guidance from and take action as directed by emergency services Action Contact Local emergency services (911) to report a hazardous spill Owners of wastewater system and WSA (Local EPO) if the incident causes contamination or violation of permit requirements Follow-up Once informed that conditions are safe, assess the damage and make any needed repairs. Assess potential impact to the treatment system and coordinate with the Wastewater system owner and WSA to maintain Permit Compliance. Electronic Equipment Failure Determine the cause of the failure by checking the monitoring and alarm system for faults. Operate the system manually during repairs. Action Contact Local electrician to fix the electrical and control system Owners of wastewater system and WSA (Local EPO) if the incident causes contamination or violation of permit requirements. Contact customers if control failures will extend over a lengthy period of time and/or could impact sewer services. Follow-up Complete any repairs necessary. If customers were notified, let them know that service is back to normal. Other - Fire Wildfire could pose a threat to the system infrastructure and operation. Action Call 911 to report a structure or wildfire. Seek guidance from and take action as directed by emergency services. Contact Call 911 Owners of wastewater system and WSA (Local EPO) if the incident causes contamination or violation of permit requirements. Contact customers if control failures will extend over a lengthy period of time and/or could impact sewer services. Follow-up Once informed conditions are safe, assess the damage and make any needed repairs. Assess potential impact to the treatment system and coordinate with the Wastewater

### Emergency Contacts Utility Personnel

system owner and WSA to maintain Permit Compliance.

Contact Name	Contact Title	Phone No.	Phone No. 2	FAX Number	Email Address
Whittleton, Aubrey	Manager	(306) 937-6228	(306) 441-7090	(306) 937-5963	aubrey@battleford.ca
Michelman. Mark	W/S Operator 2	(306) 937-6224		(306) 937-5963	assis) @sattioiora.ca
Day, Glenn	W/S Operator	(306) 937-6224		(306) 937-5963	
Ramac, Miron	W/S Operator 2	(306) 937-6224		(306) 937-5963	

			(000) 007 5000	
Mright Poilou	W/S Operator	(306) 937-6224	(306) 937-5963	
Wright, Bailey	Maintenance Personnel	(306) 937-6224	(306) 937-5963	
Loy, Connor		(306) 937-6220	(306) 937-5963	works@battleford.ca
Noble, Kayla	Admin Assistant	(300) 937-0220	(000) 001 0000	1101110

Emergency Contacts						
Company Name	Contact Name	Contact Title	Phone No.	Phone No. 2	FAX Number	Email Address
Health & Safety						
Public Health	Eleanore	Public Health Inspector	(306) 446-6418			PublicHealthInspection@pnrha.ca
Medical Health Officer	Nsungu, Dr. Mandiangu	Medical Health Officer	(306) 446-6426	(306) 441-5572	(306) 446-6432	
Water Security Agency	Dahl, Bruce	WSA - Project Officer	(306) 230-3184	(306) 933-8387	(306) 933-6820	bruce.dahl@wsask.ca
Emergency Planning	in a second	Regina, Saskatchewan	(306) 787-9563			
Emergency Planning		Saskatoon, Saskatchewan	(306) 933-6116			
SE Spill Emergency		24 Hour Line	(800) 667-7525			
		Outside Province	(306) 953-2980			
Police		Local	(306) 446-1720		(306) 446-1738	
Ambulance		Local	(306) 310-911		(306) 445-1738	
Hospital		Local	(306) 446-6600		(306) 446-4114	
Fire Department	Kaye, Owen	Deputy Fire Chief	(306) 441-6549	(306) 937-6208	(306) 937-3719	owen@battleford.ca
Fire Department	Gabruch, Larry	Fire Chief	(306) 441-0577	(306) 937-6208	(306) 937-3719	firechief@battleford.ca
Bylaw	McAngus, Ross	Enforcement	(306) 441-5607	(306) 937-6231		publicsafetyofficer@battleford.ca
Municipal Engineering						
Company Name	Contact Name	Contact Title	Phone No.	Phone No. 2	FAX Number	Email Address
BCL			(306) 477-2822		(306) 955-3755	
Associated Engineering			(306) 721-2466			
Suppliers						
Company Name	Contact Name	Contact Title	Phone No.	Phone No. 2	FAX Number	Email Address
Nb Aquifer Dist. – Pump	C					
Manufacturer Regal Manufacturing -	Smith, Gerry		(306) 441-3482	(306) 937-7741		
ClearTech	Day, Rick	Sales Manager	(306) 280-7112	(800) 387-7503	(888) 281-8109	rday@cleartech.ca
Chemicals - ClearTech	Day, Rick	Sales Manager	(306) 280-7112	(800) 387-7503	(888) 281-8109	rday@cleartech.ca
Chemicals - ClearTech	Orders		(800) 387-7503		(888) 281-8109	orders@cleartech.ca
Chemicals - ClearTech	Administration		(306) 664-2522		(306) 665-6216	
Chemicals - ClearTech	24 Hour Line		(306) 664-2522			
Excavation Services						
Company Name	Contact Name	Contact Title	Phone No.	Phone No. 2	FAX Number	Email Address
Sanburn Construction	Mahon, Fred	Owner	(306) 937-3777	(306) 441-7490		sanburn.construction@sasktel.net
Sask First Call			(866) 828-4888	(306) 525-2356		
Access Cable			(866) 363-2225			
Flantalaine	Market I will be a little and a					
Electricians						
Company Name	Contact Name	Contact Title	Phone No.	Phone No. 2	FAX Number	Email Address
Company Name CMP Electric	Contact Name	Contact Title	Phone No. (833) 222-1094	Phone No. 2	FAX Number	Email Address
Company Name CMP Electric Collins Electric			Phone No. (833) 222-1094 (306) 441-5703	Phone No. 2	FAX Number	
Company Name CMP Electric Collins Electric Fauchon Electric Ltd.	Fauchon, Sean	Owner	Phone No. (833) 222-1094 (306) 441-5703 (306) 441-3566			Email Address fauchonelectric@gmail.com
Company Name CMP Electric Collins Electric	Fauchon, Sean Fedler, Rick	Owner Owner	Phone No. (833) 222-1094 (306) 441-5703 (306) 441-3566 (306) 445-3885	(306) 441-8656	(306) 446-6106	
Company Name CMP Electric Collins Electric Fauchon Electric Ltd. Fedler Electric	Fauchon, Sean	Owner	Phone No. (833) 222-1094 (306) 441-5703 (306) 441-3566 (306) 445-3885 (306) 445-3885			
Company Name CMP Electric Collins Electric Fauchon Electric Ltd. Fedler Electric Gardiner Electric	Fauchon, Sean Fedler, Rick	Owner Owner	Phone No. (833) 222-1094 (306) 441-5703 (306) 441-3566 (306) 445-3885 (306) 445-3885 (306) 937-2633	(306) 441-8656	(306) 446-6106 (306) 446-6106	
Company Name CMP Electric Collins Electric Fauchon Electric Ltd. Fedler Electric Gardiner Electric General Plumbing	Fauchon, Sean Fedler, Rick	Owner Owner	Phone No. (833) 222-1094 (306) 441-5703 (306) 441-3566 (306) 445-3885 (306) 445-3885 (306) 937-2633 (306) 445-2341	(306) 441-8656	(306) 446-6106	
Company Name CMP Electric Collins Electric Fauchon Electric Ltd. Fedler Electric Gardiner Electric General Plumbing L7 Electric	Fauchon, Sean Fedler, Rick	Owner Owner	Phone No. (833) 222-1094 (306) 441-5703 (306) 441-3566 (306) 445-3885 (306) 445-3885 (306) 937-2633 (306) 445-2341 (306) 446-2425	(306) 441-8656 (306) 441-6494	(306) 446-6106 (306) 446-6106	
Company Name CMP Electric Collins Electric Fauchon Electric Ltd. Fedler Electric Gardiner Electric General Plumbing L7 Electric Manula Electric	Fauchon, Sean Fedler, Rick	Owner Owner	Phone No. (833) 222-1094 (306) 441-5703 (306) 441-3566 (306) 445-3885 (306) 445-3885 (306) 937-2633 (306) 445-2341 (306) 446-2425 (306) 441-3587	(306) 441-8656	(306) 446-6106 (306) 446-6106	
Company Name CMP Electric Collins Electric Fauchon Electric Ltd. Fedler Electric Gardiner Electric General Plumbing L7 Electric Manula Electric Ultimate Powerline	Fauchon, Sean Fedler, Rick	Owner Owner	Phone No. (833) 222-1094 (306) 441-5703 (306) 441-3566 (306) 445-3885 (306) 445-3885 (306) 937-2633 (306) 445-2341 (306) 446-2425	(306) 441-8656 (306) 441-6494	(306) 446-6106 (306) 446-6106	
Company Name CMP Electric Collins Electric Fauchon Electric Ltd. Fedler Electric Gardiner Electric General Plumbing L7 Electric Manula Electric Ultimate Powerline Plumbing	Fauchon, Sean Fedler, Rick Fedler, Rodney	Owner Owner Owner	Phone No. (833) 222-1094 (306) 441-5703 (306) 441-3566 (306) 445-3885 (306) 445-3885 (306) 937-2633 (306) 445-2341 (306) 446-2425 (306) 441-3587 (306) 445-1661	(306) 441-8656 (306) 441-6494 (844) 206-5533	(306) 446-6106 (306) 446-6106 (306) 445-2289	fauchonelectric@gmail.com
Company Name CMP Electric Collins Electric Fauchon Electric Ltd. Fedler Electric Gardiner Electric General Plumbing L7 Electric Manula Electric Ultimate Powerline Plumbing Company Name	Fauchon, Sean Fedler, Rick	Owner Owner	Phone No. (833) 222-1094 (306) 441-5703 (306) 441-3566 (306) 445-3885 (306) 445-3885 (306) 937-2633 (306) 445-2341 (306) 446-2425 (306) 441-3587 (306) 445-1661  Phone No.	(306) 441-8656 (306) 441-6494	(306) 446-6106 (306) 446-6106	
Company Name CMP Electric Collins Electric Fauchon Electric Ltd. Fedler Electric Gardiner Electric General Plumbing L7 Electric Manula Electric Ultimate Powerline Plumbing Company Name Big Sky Mechanical Ltd.	Fauchon, Sean Fedler, Rick Fedler, Rodney	Owner Owner Owner	Phone No. (833) 222-1094 (306) 441-5703 (306) 441-3566 (306) 445-3885 (306) 445-3885 (306) 937-2633 (306) 445-2341 (306) 446-2425 (306) 441-3587 (306) 445-1661  Phone No. (306) 480-5030	(306) 441-8656 (306) 441-6494 (844) 206-5533	(306) 446-6106 (306) 446-6106 (306) 445-2289	fauchonelectric@gmail.com
Company Name CMP Electric Collins Electric Fauchon Electric Ltd. Fedler Electric Gardiner Electric General Plumbing L7 Electric Manula Electric Ultimate Powerline Plumbing Company Name Big Sky Mechanical Ltd. Billy's Plumbing	Fauchon, Sean Fedler, Rick Fedler, Rodney	Owner Owner Owner	Phone No. (833) 222-1094 (306) 441-5703 (306) 441-3566 (306) 445-3885 (306) 445-3885 (306) 937-2633 (306) 445-2341 (306) 446-2425 (306) 441-3587 (306) 445-1661  Phone No. (306) 480-5030 (306) 441-7083	(306) 441-8656 (306) 441-6494 (844) 206-5533	(306) 446-6106 (306) 446-6106 (306) 445-2289 FAX Number	fauchonelectric@gmail.com
Company Name CMP Electric Collins Electric Fauchon Electric Ltd. Fedler Electric Gardiner Electric General Plumbing L7 Electric Manula Electric Ultimate Powerline Plumbing Company Name Big Sky Mechanical Ltd. Billy's Plumbing Cheynes Plumbing	Fauchon, Sean Fedler, Rick Fedler, Rodney	Owner Owner Owner	Phone No. (833) 222-1094 (306) 441-5703 (306) 441-3566 (306) 445-3885 (306) 445-3885 (306) 937-2633 (306) 445-2341 (306) 446-2425 (306) 441-3587 (306) 445-1661  Phone No. (306) 480-5030 (306) 441-7083 (306) 445-6691	(306) 441-8656 (306) 441-6494 (844) 206-5533 Phone No. 2	(306) 446-6106 (306) 446-6106 (306) 445-2289	fauchonelectric@gmail.com
Company Name CMP Electric Collins Electric Fauchon Electric Ltd. Fedler Electric Gardiner Electric General Plumbing L7 Electric Manula Electric Ultimate Powerline Plumbing Company Name Big Sky Mechanical Ltd. Billy's Plumbing Cheynes Plumbing Garry Weran Contracting	Fauchon, Sean Fedler, Rick Fedler, Rodney	Owner Owner Owner	Phone No. (833) 222-1094 (306) 441-5703 (306) 441-3566 (306) 445-3885 (306) 445-3885 (306) 937-2633 (306) 445-2421 (306) 446-2425 (306) 441-3587 (306) 445-1661  Phone No. (306) 480-5030 (306) 445-6691 (306) 441-9703	(306) 441-8656 (306) 441-6494 (844) 206-5533	(306) 446-6106 (306) 446-6106 (306) 445-2289 FAX Number	fauchonelectric@gmail.com
Company Name CMP Electric Collins Electric Fauchon Electric Ltd. Fedler Electric Gardiner Electric General Plumbing L7 Electric Manula Electric Ultimate Powerline Plumbing Company Name Big Sky Mechanical Ltd. Billy's Plumbing Cheynes Plumbing Garry Weran Contracting Hawtin Plumbing Services	Fauchon, Sean Fedler, Rick Fedler, Rodney	Owner Owner Owner	Phone No. (833) 222-1094 (306) 441-5703 (306) 441-3566 (306) 445-3885 (306) 445-3885 (306) 937-2633 (306) 445-2421 (306) 446-2425 (306) 441-3587 (306) 445-1661  Phone No. (306) 480-5030 (306) 441-7083 (306) 445-6691 (306) 441-9703 (306) 441-9703	(306) 441-8656 (306) 441-6494 (844) 206-5533 Phone No. 2	(306) 446-6106 (306) 446-6106 (306) 445-2289 FAX Number	fauchonelectric@gmail.com
Company Name CMP Electric Collins Electric Fauchon Electric Ltd. Fedler Electric Gardiner Electric General Plumbing L7 Electric Manula Electric Ultimate Powerline Plumbing Company Name Big Sky Mechanical Ltd. Billy's Plumbing Cheynes Plumbing Garry Weran Contracting Hawtin Plumbing Services Hydros Plumbing	Fauchon, Sean Fedler, Rick Fedler, Rodney	Owner Owner Owner	Phone No. (833) 222-1094 (306) 441-5703 (306) 441-3566 (306) 445-3885 (306) 445-3885 (306) 937-2633 (306) 445-2341 (306) 446-2425 (306) 441-3587 (306) 445-1661  Phone No. (306) 480-5030 (306) 441-7083 (306) 445-6691 (306) 441-9703 (306) 441-4158 (306) 445-0442	(306) 441-8656 (306) 441-6494 (844) 206-5533 Phone No. 2 (306) 446-2309	(306) 446-6106 (306) 446-6106 (306) 445-2289 FAX Number (306) 446-3588	fauchonelectric@gmail.com
Company Name CMP Electric Collins Electric Fauchon Electric Ltd. Fedler Electric Gardiner Electric General Plumbing L7 Electric Manula Electric Ultimate Powerline Plumbing Company Name Big Sky Mechanical Ltd. Billy's Plumbing Cheynes Plumbing Garry Weran Contracting Hawtin Plumbing Services Hydros Plumbing Luk Plumbing & Hearing	Fauchon, Sean Fedler, Rick Fedler, Rodney	Owner Owner Owner	Phone No. (833) 222-1094 (306) 441-5703 (306) 441-3566 (306) 445-3885 (306) 937-2633 (306) 445-2341 (306) 445-2341 (306) 445-1661  Phone No. (306) 480-5030 (306) 441-7083 (306) 445-6991 (306) 441-9703 (306) 445-0442 (306) 445-0470	(306) 441-8656 (306) 441-6494 (844) 206-5533 Phone No. 2	(306) 446-6106 (306) 446-6106 (306) 445-2289 FAX Number (306) 446-3588	fauchonelectric@gmail.com
Company Name CMP Electric Collins Electric Fauchon Electric Ltd. Fedler Electric Gardiner Electric General Plumbing L7 Electric Manula Electric Ultimate Powerline Plumbing Company Name Big Sky Mechanical Ltd. Billy's Plumbing Garry Weran Contracting Hawtin Plumbing Services Hydros Plumbing Luk Plumbing Luk Plumbing Hearing Luk Plumbing & Hearing	Fauchon, Sean Fedler, Rick Fedler, Rodney	Owner Owner Owner	Phone No. (833) 222-1094 (306) 441-5703 (306) 441-3566 (306) 445-3885 (306) 937-2633 (306) 445-2341 (306) 445-2341 (306) 445-2541 (306) 445-1661  Phone No. (306) 480-5030 (306) 441-7083 (306) 445-6691 (306) 441-9703 (306) 441-4158 (306) 445-0442 (306) 445-6707 (306) 445-6707	(306) 441-8656 (306) 441-6494 (844) 206-5533 Phone No. 2 (306) 446-2309	(306) 446-6106 (306) 446-6106 (306) 445-2289 FAX Number (306) 446-3588 (306) 463-2635 (306) 445-1038	fauchonelectric@gmail.com
Company Name CMP Electric Collins Electric Fauchon Electric Ltd. Fedler Electric Gardiner Electric General Plumbing L7 Electric Manula Electric Ultimate Powerline Plumbing Company Name Big Sky Mechanical Ltd. Billy's Plumbing Cheynes Plumbing Garry Weran Contracting Hawtin Plumbing Services Hydros Plumbing Luk Plumbing & Hearing	Fauchon, Sean Fedler, Rick Fedler, Rodney  Contact Name	Owner Owner  Contact Title	Phone No. (833) 222-1094 (306) 441-5703 (306) 441-3566 (306) 445-3885 (306) 937-2633 (306) 445-2341 (306) 445-2341 (306) 445-2361 (306) 445-1661  Phone No. (306) 480-5030 (306) 441-7083 (306) 441-9703 (306) 441-4158 (306) 445-6421 (306) 445-6707 (306) 445-6707 (306) 445-4344	(306) 441-8656 (306) 441-6494 (844) 206-5533 Phone No. 2 (306) 446-2309 (306) 441-1317 (306) 445-6708	(306) 446-6106 (306) 446-6106 (306) 445-2289 FAX Number (306) 446-3588 (306) 463-2635 (306) 445-1038 (306) 445-1038 (306) 445-4497	fauchonelectric@gmail.com
Company Name CMP Electric Collins Electric Fauchon Electric Ltd. Fedler Electric Gardiner Electric Gardiner Electric General Plumbing L7 Electric Manula Electric Ultimate Powerline Plumbing Company Name Big Sky Mechanical Ltd. Billy's Plumbing Cheynes Plumbing Garry Weran Contracting Hawtin Plumbing Services Hydros Plumbing Luk Plumbing Luk Plumbing & Hearing P&W Mechanical	Fauchon, Sean Fedler, Rick Fedler, Rodney  Contact Name  Winterhault, Todd	Owner Owner Owner	Phone No. (833) 222-1094 (306) 441-5703 (306) 441-3566 (306) 445-3885 (306) 445-3885 (306) 445-2341 (306) 445-2341 (306) 445-2341 (306) 445-1661  Phone No. (306) 480-5030 (306) 441-7083 (306) 441-4158 (306) 445-6491 (306) 445-6707 (306) 445-6707 (306) 445-4344 (306) 445-4344	(306) 441-8656 (306) 441-6494 (844) 206-5533 Phone No. 2 (306) 446-2309 (306) 441-1317 (306) 445-6708	(306) 446-6106 (306) 446-6106 (306) 445-2289 FAX Number (306) 446-3588 (306) 463-2635 (306) 445-1038 (306) 445-1038 (306) 445-4497 (306) 445-4497	fauchonelectric@gmail.com
Company Name CMP Electric Collins Electric Fauchon Electric Ltd. Fedler Electric Gardiner Electric General Plumbing L7 Electric Manula Electric Ultimate Powerline Plumbing Company Name Big Sky Mechanical Ltd. Billy's Plumbing Cheynes Plumbing Garry Weran Contracting Hawtin Plumbing Services Hydros Plumbing Luk Plumbing & Hearing P&W Mechanical River City	Fauchon, Sean Fedler, Rick Fedler, Rodney  Contact Name  Winterhault, Todd Dimmick, Brent	Owner Owner  Contact Title  Owner	Phone No. (833) 222-1094 (306) 441-5703 (306) 441-3566 (306) 445-3885 (306) 445-3885 (306) 445-2341 (306) 445-2341 (306) 445-1661  Phone No. (306) 480-5030 (306) 441-7083 (306) 445-6691 (306) 445-6691 (306) 445-6707 (306) 445-6707 (306) 445-4344 (306) 445-4344 (306) 445-4344	(306) 441-8656 (306) 441-6494 (844) 206-5533 Phone No. 2 (306) 446-2309 (306) 441-1317 (306) 445-6708	(306) 446-6106 (306) 446-6106 (306) 445-2289 FAX Number (306) 446-3588 (306) 463-2635 (306) 445-1038 (306) 445-1038 (306) 445-4497	fauchonelectric@gmail.com
Company Name CMP Electric Collins Electric Fauchon Electric Ltd. Fedler Electric Gardiner Electric General Plumbing L7 Electric Manula Electric Ultimate Powerline Plumbing Company Name Big Sky Mechanical Ltd. Billy's Plumbing Cheynes Plumbing Garry Weran Contracting Hawtin Plumbing Services Hydros Plumbing Luk Plumbing & Hearing P&W Mechanical River City  Rooted Plumbing & Heating	Fauchon, Sean Fedler, Rick Fedler, Rodney  Contact Name  Winterhault, Todd	Owner Owner  Contact Title	Phone No. (833) 222-1094 (306) 441-5703 (306) 441-3566 (306) 445-3885 (306) 445-3885 (306) 445-2341 (306) 445-2341 (306) 445-2341 (306) 445-1661  Phone No. (306) 480-5030 (306) 441-7083 (306) 441-4158 (306) 445-6491 (306) 445-6707 (306) 445-6707 (306) 445-4344 (306) 445-4344	(306) 441-8656 (306) 441-6494 (844) 206-5533 Phone No. 2 (306) 446-2309 (306) 441-1317 (306) 445-6708	(306) 446-6106 (306) 446-6106 (306) 445-2289 FAX Number (306) 446-3588 (306) 463-2635 (306) 445-1038 (306) 445-1038 (306) 445-4497 (306) 445-4497	fauchonelectric@gmail.com
Company Name CMP Electric Collins Electric Fauchon Electric Ltd. Fedler Electric Gardiner Electric General Plumbing L7 Electric Manula Electric Ultimate Powerline Plumbing Company Name Big Sky Mechanical Ltd. Billy's Plumbing Cheynes Plumbing Garry Weran Contracting Hawtin Plumbing Services Hydros Plumbing Luk Plumbing & Hearing P&W Mechanical River City  Rooted Plumbing & Heating Bottled Water Suppliers	Fauchon, Sean Fedler, Rick Fedler, Rodney  Contact Name  Winterhault, Todd Dimmick, Brent Edlin, Carson	Owner Owner  Contact Title  Owner  Owner  Owner	Phone No. (833) 222-1094 (306) 441-5703 (306) 441-3566 (306) 445-3885 (306) 445-3885 (306) 445-2341 (306) 445-2341 (306) 445-225 (306) 441-3587 (306) 445-1661  Phone No. (306) 480-5030 (306) 441-7083 (306) 441-7083 (306) 445-691 (306) 445-6707 (306) 445-6707 (306) 445-6707 (306) 445-4344 (306) 445-4344 (306) 445-4344 (306) 445-4344 (306) 386-7870	(306) 441-8656 (306) 441-6494 (844) 206-5533 Phone No. 2 (306) 446-2309 (306) 441-1317 (306) 445-6708 (306) 441-6920 (306) 441-1634	(306) 446-6106 (306) 446-6106 (306) 445-2289 FAX Number (306) 446-3588 (306) 446-3588 (306) 445-1038 (306) 445-4497 (306) 445-4497 (306) 445-4497	fauchonelectric@gmail.com  Email Address
Company Name CMP Electric Collins Electric Fauchon Electric Ltd. Fedler Electric Gardiner Electric General Plumbing L7 Electric Manula Electric Ultimate Powerline Plumbing Company Name Big Sky Mechanical Ltd. Billy's Plumbing Cheynes Plumbing Garry Weran Contracting Hawtin Plumbing Services Hydros Plumbing & Hearing P&W Mechanical River City  Rooted Plumbing & Heating Bottled Water Suppliers Company Name	Fauchon, Sean Fedler, Rick Fedler, Rodney  Contact Name  Winterhault, Todd Dimmick, Brent	Owner Owner  Contact Title  Owner	Phone No. (833) 222-1094 (306) 441-5703 (306) 441-3566 (306) 445-3885 (306) 445-3885 (306) 445-2341 (306) 445-2341 (306) 445-1661  Phone No. (306) 480-5030 (306) 441-7083 (306) 445-6691 (306) 445-6691 (306) 445-6707 (306) 445-6707 (306) 445-4344 (306) 445-4344 (306) 386-7870  Phone No.	(306) 441-8656 (306) 441-6494 (844) 206-5533 Phone No. 2 (306) 446-2309 (306) 441-1317 (306) 445-6708	(306) 446-6106 (306) 446-6106 (306) 445-2289 FAX Number (306) 446-3588 (306) 463-2635 (306) 445-1038 (306) 445-1038 (306) 445-4497 (306) 445-4497	fauchonelectric@gmail.com
Company Name CMP Electric Collins Electric Fauchon Electric Ltd. Fedler Electric Gardiner Electric General Plumbing L7 Electric Manula Electric Ultimate Powerline Plumbing Company Name Big Sky Mechanical Ltd. Billy's Plumbing Cheynes Plumbing Garry Weran Contracting Hawtin Plumbing Services Hydros Plumbing Luk Plumbing & Hearing P&W Mechanical River City  Rooted Plumbing & Heating Bottled Water Suppliers	Fauchon, Sean Fedler, Rick Fedler, Rodney  Contact Name  Winterhault, Todd Dimmick, Brent Edlin, Carson	Owner Owner  Contact Title  Owner  Owner  Owner	Phone No. (833) 222-1094 (306) 441-5703 (306) 441-3566 (306) 445-3885 (306) 445-3885 (306) 445-2341 (306) 445-2341 (306) 445-225 (306) 441-3587 (306) 445-1661  Phone No. (306) 480-5030 (306) 441-7083 (306) 441-7083 (306) 445-691 (306) 445-6707 (306) 445-6707 (306) 445-6707 (306) 445-4344 (306) 445-4344 (306) 445-4344 (306) 445-4344 (306) 386-7870	(306) 441-8656 (306) 441-6494 (844) 206-5533 Phone No. 2 (306) 446-2309 (306) 441-1317 (306) 445-6708 (306) 441-6920 (306) 441-1634	(306) 446-6106 (306) 446-6106 (306) 445-2289 FAX Number (306) 446-3588 (306) 446-3588 (306) 445-1038 (306) 445-4497 (306) 445-4497 (306) 445-4497	fauchonelectric@gmail.com  Email Address

Easthill Enterprises			(306) 441-7228	3	T	
Superior Water Ltd.			(780) 870-5970			
Company Name	Contact Name	Contact Title	Phone No	Phone No. 2	FAX Number	Email Address
Pharmacies, Offices & Clin		NI STATE OF THE ST	Thomas No.	1 110110 140. 2	1700 Natified	Linaii Address
Co-op Pharmacy			(306) 446-5520			
Remedy's Rx Pharmacy			(306) 937-2600		(306) 937-3298	rxaccounts@hotmail.com
Daycares		The second second second	(000) 001 2000		1 (000) 001 0230	TAGCCOUNTS@HOUNAIL.COM
Company Name	Contact Name	Contact Title	Phone No	Phone No. 2	FAX Number	Email Address
Heritage Christian		Some Ties	T HONG NO	1 110110 140. 2	1700 Nullibei	Liliali Address
Playtime Co-Operative			(306) 937-3184			
Senior Housing			1 (000) 301 0104			
Company Name	Contact Name	Contact Title	Phone No	Phone No. 2	FAX Number	Email Address
Battlefords District Care	Somast Hams	Contact Title	(306) 446-6900	I HOHE NO. 2	(306) 937-2258	EIIIdii Address
Golden Years Lodge	Battlefords Housing Auth	nority	(306) 937-3055		(306) 446-1277	
Meadow Sweet Manor	Battlefords Housing Auth		(306) 937-3055		(306) 446-1277	
Bakeries	- Successful Housing Auti	ionity	(300) 331-3033		(300) 440-12//	
Company Name	Contact Name	Contact Title	Phone No	Phone No. 2	LAV North	T. 34.0
29th Street Market	Kim, Danny & Lindsay	Contact Title		Priorie No. 2	FAX Number	Email Address
Co-op Food Market	Killi, Dalilly & Lillusay		(306) 937-3377	-		
Tim Hortons						
Restaurants, Fast Food, Cat	ering		(306) 446-2088			
Company Name	Contact Name	Contact Title	Phone No	DI N O	E.V.	
Busters Pizza	Contact Name	Contact ritle	(639) 390-3700	Phone No. 2	FAX Number	Email Address
Li King			(306) 937-7363			battleford.busterspizza@gmail.con
Pennydale Junction			(306) 937-7363		(000) 007 5050	
R & J Garden	Cheung, Ricky & Wu, Je	nnv l	(306) 937-3544		(306) 937-5952	pennydale@sasktel.net
Subway	Criedily, Micky & Wu, Je	I I	(306) 937-2048			rickycheung6118@gmail.com
Tim Hortons			(306) 446-2088			jervon@sasktel.net
Classic Burger & Warren's I	Food & Reverage	Warren, Wayne & Shelly	(306) 445-2436	(200) 444 0542		
Schooling	ood & beverage	Warren, Wayne & Snelly	(300) 445-2436	(306) 441-6543		
Company Name	Contact Name	Contact Title	Dhara Na	DI N O	5000	
Battleford Central	Sommerfeld, Monique	Contact Title Principal	Phone No	Phone No. 2	FAX Number	Email Address
Dattierora Gentral	Charabin, Lindsay	Vice Principal	(306) 937-2112		(306) 937-7175	bcs@lskysd.ca
Board Member	Leask, Glen	vice Fillicipal	(306) 937-2112	(000) 007 7700	(306) 937-7175	
Heritage Christian	Weibe, Gerald	Principal	(306) 441-3534	(306) 937-7702	(000) 440 0407	glen.leask@lskysd.ca
Horitage Offitstian	Murdoch, Sabrina	Admin. Assistant	(306) 446-3188		(306) 446-3187	heritage@lskysd.ca
St. Vital Catholic	Buglas, Don	Principal Principal	(306) 937-2233		(200) 027 7000	
oc. Vital Outriono	Mitzel, Lucille	Secretary			(306) 937-7666	
Utilities	Willizel, Lucille	Secretary	(306) 937-2233		(306) 937-7666	stvital@lskysd.ca
Company Name	Contact Nove	O				
	Contact Name	Contact Title	Phone No	Phone No. 2	FAX Number	Email Address
Access Cable			(866) 363-2225			
Bell Cook First Coll			(866) 875-9591	(800) 773-2121		
Sask First Call			(866) 828-4888	(306) 525-2356		
Sask.Energy	0. 11 5		(800) 567-8899	(888) 700-0427		
Sask.Power	Stuckless, Everett		888-757-6937	(306) 227-4033		estuckelss@saskpower.com
Sask.Tel			(855) 444-9464	-611		
	Dereniwsky, Suzane		(306) 446-5348	(306) 481-3660	(306) 445-7337	
Tala	Chupa, Diane		(306) 777-1223			
elus Virgin Mahila			(866) 558-2273	310-3100		
/irgin Mobile	5 1, 2		(888) 999-2321			

Custo	mer Complaint Tracking For	m						
	Date:					Time:		
INFO	Location:					- Time		
Z	Name:					Contact #		
	□ Pressure		☐ Taste		□ Odor		Coding de	
	□ Color		☐ Other		L 0001		☐ Sediments	
	Problem Began:				nn auggl	urring Right Now	☐ Yes ☐ No	
	Involves:	□ Cold	□ Hot □	Both 🗆			athroom 🗆 Laundry Rm.	
SNC	Plumber Contacted		□ No	Who:				
QUESTIONS	Construction or Plumbing In House	or Area	□ Yes					
OB OB	Water Softener Installed	☐ Yes	□ No	Bypassed: ☐ Yes		Valve Closed: D	J Voc. □ No.	
	Faucet Screens Cleaned	☐ Yes	□ No		_ NO	valve Oloseu. L	J TES LI NO	
	Smell/Taste Like Chlorine	☐ Yes	□ No	Cloudy – Clear From	Bottom un	☐ Yes	□ No	
	Lateral Exposed to Drafts	☐ Yes	□ No	Heat Tape Working	- outon ap	□ Yes	□ No	
	Resident on Winter Water Run	☐ Yes	□ No	Lower Usage – Away	On Vacation	□ Yes	□ No	
	Date Collected:			1	Time:		1.22.1	
		In-House	Analysis	-	Tested By		Lab Analysis	
3LE)	Chlorine - Free			mg/l			Lab Allalysis	ma/l
ANALYSIS (IF APPLICABLE)	Chlorine - Total			ma/l				mg/l
APP	Turbidity			ntu				_
IS (IF	Iron			/				
ALYS	Manganese			//		_		_
AN	рН							
	PO <sub>4</sub> <sup>3</sup>							
			1 9					mg/l
Signing	g of Approval							
Olgrinig	y or reproval							
DISCUS	SSED: JAN 22	,202	4					
	Dava Law	<u></u>						
	COUNCIL DESIGNA	TE (PRINT)					WHITTLETON, AUBREY	
	0	. – ( )			/	1	UTILITY MANAGER (PRINT)	
	Day Taxo	7			1-	1	and a contract of the contract	
	COUNCIL DESIGNATE	(SIGNATUR	E)			U	FILITY MANAGER (SIGNATURE)	
PRESEN	NTED AND DISCUSSED AT COUNCI	L:	JAN	7 2 20	24			
	DOUG LAING			,20	24		TAR MANA	A roll
0	PRESENTED BY (PRINT)		_				Battle	IOI -
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	COUNCILLOR							
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