

<b>Department:</b> Aquatics	<b>Position:</b> Aquatic Lifeguard	<b>Prepared Date:</b> June 18, 2023	<b>Revised Date:</b> October 21, 2024
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**Instructions:** upon reviewing the hazards and applicable hazards associated with tasks - if being reviewed at time of orientation, worker is to complete acknowledgement section of form, if being reviewed for accuracy i.e., annual, post incident, inspection etc., leader assessor and supporting assessor (if applicable) is to complete the accuracy review section of form. Once completed, please scan to health and safety.

Acknowledgement - Orientation		Accuracy Review			
<b>Date of acknowledgement:</b>		<b>Date of Review:</b>			
Signature acknowledges hazards and the required hazard controls for job position	Print Name	<b>Worker</b>	Print Name	<b>Lead Role</b>	<b>Supporting Role (optional)</b>
	Signature			Signature	

**RISK RANKING = PROBABILITY + SEVERITY + EXPOSURE**

<b>PROBABILITY</b> 1 NEVER - NEVER GOING TO HAPPEN 2 IMPROBABLE - NOT LIKELY TO HAPPEN 3 REMOTELY PROBABLE - HAZARD VERY RARELY OCCURS 4 PROBABLE - OCCURS OR IS PRESENT OCCASIONALLY 5 VERY PROBABLE - OCCURS OR IS PRESENT FREQUENTLY	<b>SEVERITY</b> 1- MINOR- NO LOST TIME, NO LOSS 2 - MODERATE - MEDICAL AIDS, RESTRICTED WORK, DMG >\$0 3 - SERIOUS - LOST TIME, DMG <\$5,000 4 - VERY SERIOUS - SEVERE INJURY, ACUTE HEALTH EFFECTS, DMG > \$5K 5 - CATASTROPHIC - FATAL, CHRONIC HEALTH, EXTREME DMG >\$25	<b>EXPOSURE</b> 1 - REMOTE - ONCE PER YEAR 2 - INFREQUENT - WEEKLY OR LESS 3 - OCCASIONAL - ONCE PER DAY 4 - FREQUENT - MORE THAN TWICE DAILY 5 - CONTINUALLY - ON A HOURLY BASIS	3-6	LOW RISK
			7-10	MEDIUM RISK
			11-15	HIGH RISK

Task	Existing and/or Potential Hazards	Potential harm	Hazard Health(H) Safety (S)	Probability	Severity	Exposure	Risk Rating (P+S+E)	Hazard Control(s)
Walking to and from the building, walking around worksites	Slip/trip	Lacerations,	S	3	2	4	9	Eng: Hand rails on stairs Admin: SWP - housekeeping PPE:
	Trip/fall	Fall in water, drowning	S	3	2	4	9	Eng: Admin: Limited persons on deck, SWP - housekeeping PPE:
	Air quality	Coughing, throat irritation, headaches, or shortness of breath	S	3	2	3	8	Eng: Ventilation preventative maintenance program Admin: SWP - air quality PPE: masks - optional
	Fungus	Plantar warts	S	3	2	2	7	Eng: Admin: PPE: Deck shoes

**JOB FORMAL HAZARD ASSESSMENT**
**SAFETY**

Task	Existing and/or Potential Hazards	Potential harm	Hazard Health(H) Safety (S)	Probability	Severity	Exposure	Risk Rating (P+S+E)	Hazard Control(s)
Walking to and from the building, walking around worksites	Contact with sharps (needles) – blood born pathogens or biohazardous materials	Diseases, illness (acute or chronic)	S	3	2	2	7	Eng: Admin: SWP – housekeeping, exposure plan, SWP – drugs and drug paraphernalia PPE: Gloves, protective footwear
	Noise from patrons	Fatigue impairment	H	3	1	3	7	Eng: sound baffles Admin: Fatigue impairment procedure, noise exposure testing PPE:
	Humidity	Heat stress	S	5	1	5	11	Eng: humidity monitor Admin: breaks heat stress training PPE:
		Fatigue impairment	H	3	1	3	9	Eng: humidity monitor Admin: breaks, fatigue impairment procedure PPE:
	Exposure to chloramines (emphasizes on trichloramines)	Acute Respiratory tract irritation which may include coughing, wheezing, shortness of breath, chest tightness) and/or eye irritation	H	5	2	5	12	Eng: ventilation (AHU-1), fans Admin: Exposure plan – chloramines, acknowledgement of exposure plan, chloramine exposure training PPE
		Chronic Occupational asthma	H	5	2	5	12	Eng: ventilation (AHU-1), fans Admin: Exposure plan – chloramines, acknowledgement of exposure plan, chloramine exposure training PPE
	Carbon dioxide leak	Respiratory issue	S	3	1	3	7	Eng: Alarm Admin: Carbon dioxide exposure plan, Carbon dioxide emergency response plan, emergency response training PPE
	Chlorine leak	Respirator issue	S	3	2	3	8	Eng: Chlorine bottle in secured location outside of building Admin: Chlorine exposure plan, chlorine emergency response plan, emergency response training PPE: SCBA
Dealing with people (in person, at meetings, monitoring pool, internal and external)	Public/Worker Interaction during/after office hours– workplace violence: stranger violence (i.e. robbery, bomb threats etc), client/customer violence, co-worker violence, violence related to domestic issues	Psychological (flashbacks, nightmares, coping thru avoidance, loss of interest, feeling of guilt, irritability, sleep disorder, hypervigilance,	H	4	2	2	8	Eng: Admin: Workplace Violence prevention plan, workplace violence training, counselling, emergency response for mental health, shelter I place, lock down, Mental health well-being directive, personal security procedure PPE:

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Task	Existing and/or Potential Hazards	Potential harm	Hazard Health(H) Safety (S)	Probability	Severity	Exposure	Risk Rating (P+S+E)	Hazard Control(s)
		difficulty concentrating)						
		Physical (bruises, stabs, pushed into pool)	S	2	3	2	7	Eng: Open floor plan Admin: Workplace Violence prevention plan, workplace violence training PPE:
	Harassment & bullying	Psychological (flashbacks, nightmares, coping thru avoidance, loss of interest, feeling of guilt, irritability, sleep disorder, hypervigilance, difficulty concentrating)	H	4	2	3	9	Eng: Admin: Harassment prevention plan, harassment prevention training PPE:
Dealing with people (in person, at meetings, monitoring pool, internal and external) Dealing with people (in person, at meetings, monitoring pool, internal and external)	Mental Stress	Headaches, upset stomach, chronic stress - heart condition, depression, lower back pain	S	4	2	2	8	Eng: Admin: Adequate assigned work tasks, managing stress training, employee assistance provider PPE:
	Handshaking	contracting a pathogen through repeated hand shaking (pathogen - staphylococcus aureus)	H	4	1	2	7	Eng: Admin: Exposure plan, hand sanitizer PPE
	Contact with sick member of public or co-worker (influenza, covid-19, lice, fleas, impetigo)	Illness	H	4	2	2	8	Eng: Vaccinations (optional) Admin: Exposure plan, SWP - cleaning changerooms PPE: Masks (optional)
	Bodily fluids (i.e. blood, urine, feces, vomit)	Illness	H & S	3	1	3	7	Eng: Admin: Exposure plan, SWP - contamination, SWP - disinfecting floors, SWP - liquid diarrhea contamination SWP - first aid - administering PPE: Gloves, protective footwear, masks
	Worker has a pre-existing medical condition	Illness	S	3	1	2	6	Eng: Admin: Emergency response procedure - medical aid, first aiders on shift, first aid kit PPE:
	Feeling disconnected with team	Mental stress	H	4	1	1	6	Eng:

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								Admin: social well-being directive, employee assistance provider, mental well-being directive PPE:
Monitoring pool	Mental Stress	Headaches, upset stomach, chronic stress - heart condition, depression, lower back pain	H	5	1	3	9	Eng: Admin: Minimum 2 guards on duty, limited capacity in pool (signage), limited time on deck while on duty PPE:
	Fatigue impairment	Reduction in alertness and vigilance	H & S	5	1	5	11	Eng: Sound baffles, adequate lighting, Admin: Shift schedules, and rotations, education, shifts between 6am and 10 pm PPE:
Monitoring pool	Fatigue impairment	Reduction in reaction time and the ability to react properly	H & S	5	1	5	11	Eng: Sound baffles, adequate lighting Admin: Shift schedules, and rotations, education, shifts between 6am and 10 pm PPE:
		Reduction in memory and recall	H & S	5	1	5	11	Eng: Sound baffles, adequate lighting Admin: Shift schedules, and rotations, education, shifts between 6am and 10 pm PPE:
		Reduction in ability to make effective and/or quick decisions	H & S	5	1	5	11	Eng: Sound baffles, adequate lighting Admin: Shift schedules, and rotations, education, shifts between 6am and 10 pm PPE:
		Reduction in information processing	H & S	5	1	5	11	Eng: Sound baffles, adequate lighting Admin: Shift schedules, and rotations, education, shifts between 6am and 10 pm PPE:
		Reduction in effective communication	H & S	5	1	5	11	Eng: Sound baffles, adequate lighting Admin: Shift schedules, and rotations, education, shifts between 6am and 10 pm PPE:
	Items thrown from over top of viewing area	Lacerations	S	3	2	2	7	Eng: Admin: SWP housekeeping PPE:

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Task	Existing and/or Potential Hazards	Potential harm	Hazard Health(H) Safety (S)	Probability	Severity	Exposure	Risk Rating (P+S+E)	Hazard Control(s)
Filing and Storage of supplies and materials	Materials/objects falling	Crush/pinch	S	3	1	2	6	Eng: Designated storage areas Admin: SWP – filing and storage PPE:
		Struck by/struck against injuries	S	2	1	2	5	Eng: Designated storage areas, adequate storage areas Admin: SWP – filing and storage PPE:
	Awkward position	Sprain/strains	S	4	2	2	8	Eng: Carts Admin: SWP – ergonomic – lifting/carrying manual, safe lifting training, SWP - carts PPE:
Using chemicals for cleaning etc.	Inhalation issues, topical issues, chemicals entering blood stream and internal organs	Chemical irritants or occupational illness (determined by SDS)	H	3	2	2	7	Eng: Chlorine alarm, Restricted access to chlorine bottle room, ventilation Admin: WHMIS training, SDS, SWP – contamination, SWP – disinfecting floors, SWP – disinfecting life jackets, SWP – liquid diarrhea contamination, SWP – chlorine bottle change, PPE: as determined by SDS which may include gloves, protective footwear, Tyvek suit, safety goggles/glasses
Using telephone (land line or cell phone)	Stationary position	Musculoskeletal injuries	S	1	1	1	3	Eng: Admin: Limited use, SWP-ergonomic – basic office PPE:
	Biohazards – germs for main pool phone	Illness	S	3	1	2	6	Eng: Admin: SWP – housekeeping PPE:
Material handling (lifting, pushing, pulling etc.) – install/remove lane ropes, lessons set up and take down, restringing lane ropes, moving flags	Repetitive movement	Strain/sprain injuries,	S	2	2	2	6	Eng: Carts Admin: Ergonomic program, SWP-Cleaning with floor scrubber, SWP - disinfecting floors, SWP – disinfecting life jackets, SWP – lesson set up/take down, SWP – manual vacuum pool, SWP – moving flags, SWP – restringing lane ropes, SWP – skimmer basket cleaning, SWP – changeroom maintenance, SWP – lifting/carrying manual, SWP – laundry, SWP - carts, SWP – festive decorating PPE:
	Excessive force	Strain injuries	S	2	2	2	6	Eng: Carts Admin: Ergonomic program, SWP-Cleaning with floor scrubber, SWP - disinfecting floors, SWP – disinfecting life jackets, SWP – lesson set up/take down, SWP – manual vacuum pool, SWP – moving flags, SWP – restringing lane ropes, SWP – skimmer basket cleaning, SWP – changeroom maintenance, SWP – lifting/carrying manual, SWP – laundry, SWP - carts, SWP – festive decorating PPE:
	Awkward position	Cramps, fatigue	S	2	2	2	6	Eng: Carts Admin: Ergonomic program, SWP-Cleaning with floor scrubber, SWP - disinfecting floors, SWP – disinfecting life jackets, SWP – lesson set up/take down, SWP – manual vacuum pool, SWP – moving flags, SWP – restringing lane ropes, SWP – skimmer basket cleaning, SWP – changeroom maintenance, SWP – lifting/carrying manual, SWP – laundry, SWP - carts, SWP – festive decorating

### JOB FORMAL HAZARD ASSESSMENT

### SAFETY

Task	Existing and/or Potential Hazards	Potential harm	Hazard Health(H) Safety (S)	Probability	Severity	Exposure	Risk Rating (P+S+E)	Hazard Control(s)
								PPE:
	Sharp edges - lacerations	Infection, compensation for injured body area by another body part (i.e. using left hand more)	S	3	2	2	7	Eng: Admin: SWP – lesson set up/take down, SWP – manual vacuum pool, SWP – changeroom maintenance, SWP – festive decorating PPE:
	Body parts -caught in or between items - pinch, crush	Compensation for injured body area by another body part (i.e. using left hand more)	S	3	2	2	7	Eng: Admin: SWP – cleaning with floor scrubber, SWP – lesson set up/take down, SWP – manual vacuum pool, SWP- changeroom maintenance, SWP - laundry, SWP – festive decorating PPE:
Using training equipment	Entanglement with legs/arms, puling worker under water	Drowning,	S	2	2	2	6	Eng: Short cord on dummy Admin: PPE:
		psychological impact (mental stress)	H	3	1	1	5	Eng: Admin: Mental health well-being directive, employee assistance provider PPE:
Working in building	Internal Fire	Burnt, asphyxiation	S	2	3	1	6	Eng: Fire sprinklers, fire alarms Admin: Emergency response procedure – general evacuation PPE:
	External fire (grass catches on fire near building)	Burnt, asphyxiation	S	2	3	1	6	Eng: Admin: Maintenance program of grass around facility PPE:
	Electrical failure causing no lighting in building	Struck by/struck against injuries	S	3	1	1	5	Eng: Emergency lighting Admin: Emergency response procedure PPE:
	Natural disasters (tornadoes, wildfires, floods)	Fatality, internal body injuries	S	3	4	1	8	Eng: Admin: Emergency response procedures PPE:
Due to diversity of tasks performed in job, refer to work process formal hazard assessments for identified hazards, risk rating and hazard control for the following tasks/activities								
Working at the Town of Stony Plain pool (TLC is acting in the capacity of contractor, Town is the contracting employer)	Administering first aid			Performing water tests			Empty dolphin scrubbers	
Performing water rescues	Skimmer basket cleaning			Manually vacuuming pools			Pool vacuum	
Holiday decorating	Volunteering for Salvation Army Christmas kettle							
<b>If volunteer to work shut down</b>								
Securing swimming pool deck perimeter	Securing swimming pool deck perimeter			Securing swimming pool deck perimeter			Securing swimming pool deck perimeter	
Chrome- cleaning	Chrome- cleaning			Chrome- cleaning			Chrome- cleaning	
Cleaning equipment	Cleaning equipment			Cleaning equipment			Cleaning equipment	
Cleaning pool basin – pool pit	Cleaning pool basin – pool pit			Cleaning pool basin – pool pit			Cleaning pool basin – pool pit	
Cleaning slides and slide stairs	Cleaning slides and slide stairs			Cleaning slides and slide stairs			Cleaning slides and slide stairs	



**Hazard Control**

If the hazards cannot be eliminated as close to where the problem is created as possible, reduce the risk of exposure to the hazard by:

**Engineering**

- Substitution
- Redesign of workplace
- Isolation/closed processes
- Automation/material handling devices
- Ventilation (general dilution/local exhaust)
- Purchasing criteria (tools/equipment etc.
- Storage
- Air monitoring

**Administrative**

- Policies/practices/procedures
- Work/rest schedules
- Limiting hours of work
- Scheduling/rotation of exposed workers
- Wet methods as opposed to dry sanding or sweeping
- Training
- Organizing and planning work

**Personal Protective Equipment**

- Eye/face protection
- Head protection
- Foot protection
- Hearing protection
- Respiratory protective equipment
- Fall protection
- Protective clothing/Gloves

Or a **combination** of any of the three above

**Workers** have an obligation to report to leadership a concern about an unsafe or harmful work site act that occurs or has occurred or an unsafe or harmful work site condition that exists or has existed