

Appendix A

SUNY Oswego

Confined Space Inventory

DESCRIPTION	SERVICER	LOCATION	PERMIT REQUIRED CONFINED SPACE (PRCS) Y=Yes N=No	NOTES (A) Atmospheric Hazard – alternative procedure to eliminate hazard by using ventilation may be used-29CFR1910.146(c)(5) (R) Reclassification – Removal or elimination of hazards prior to entry may be possible such as use of LO/TO procedure. If a space can be reclassified it can then be treated as a Non-Permit Required Confined Space. Spaces must be reclassified for each entry and return to a PRCS when the entry is completed.	AIR MONITORING REQUIRED Y=Yes N=No NA=Not Applicable
Ice Melt Hopper	Arena Staff	Arena #48 Zamboni Room		Evaluate	
Remote Sump Tank	Plumbing	Arena North Side	Y (R)	PRCS drain water	Y
Hydraulic Lift	Garage	Building 12 Garage	N	Authorized Personnel Only	N
Oil-Water separator	Garage	Building 12 Garage	N	Authorized Personnel Only	N
Sewage Lift Pit	Plumbing	Building 12 Sewage Lift Station	Y	PRCS	Y
2 - 4,000 Gal. Gasoline Tanks	Garage	Building 12 South Side	Y	Eval #20 PRCS - No staff entry allowed.	NA
Cyclone Dust Collectors	Other	Building 20	Y	DOL- PRCS Entry Prohibited	NA
Manhole Cleanout	Plumbing	Building 20 in North Bay	Y	PRCS	Y
Sump Pit	Plumbing	Campus Center Roker Studio 140E	N	Possible water entrapment CHECK	Y

Water Meter Pit	Plumbing	Campus <i>West End above ground 1999</i>	Y _(R)	Eval #22 DOL – Air Monitor to ensure safe level of O₂ Fallbrook and Rice Creek Have Aqua Service - 2002	Y
White Hot Water Tank	Plumbing	Cayuga <i>MCR-B</i>	Y	PRCS –No staff entry allowed.	NA
#6,7,8,9 Boilers and Sub-systems – Economizers, Fire Boxes, Steam Drums, Mud Drums	CHP	CHP	Y	Boilers and Sub-systems are PRCS- which may be reclassified through Lock Out / Tag Out and double block and bleed. Prior to any work being done in spaces of the boiler that have been marked Permit Required Confined Space the whole boiler needs to be shut down. Each boiler can be independently isolated from the Deaeriation Tank. DOL – Entrapment Hazard – No reclassification applies to the wet side of the boiler. No full body entry allowed by staff – this area is serviced/cleaned from the exterior – no need for entry.	Y
#1 Condensate Return Tank Orange Surge Tank	CHP	CHP	Y _(R)	Eval #5 DOL – Air Monitor to ensure safe level of O₂ Only 1 Tank - 2002	Y
Deaeriation Tanks – Upper and Lower	CHP	CHP	Y _(R)	Eval #6 DOL – Air Monitor to ensure safe level of O₂ Only 1 Tank - 2002	Y
#1 Green Domestic Hot Water Tanks	CHP	CHP	Y _(R)	Eval #12 DOL – Air Monitor to ensure safe level of O₂ Replaced -Evaluation of New? No staff entry allowed	NA
Main Blow Down Tank	CHP	CHP	Y _(R)	Eval #9 (Remove Comments because of no entry?) DOL – Reclassify by air monitoring No staff entry allowed all service can be done from exterior	NA
Main House Air Tank	CHP	CHP	Y _(R)	Eval #10 (Remove Comments because of no entry?) DOL – Air Monitor to ensure safe level of O₂ No staff entry allowed all service can be done from exterior	NA
Boiler #10 Kewanee Blue	CHP	CHP	Y	LOTO	Y
Areas Under Pool	CHP	CHP	N	Authorized Personnel Only	Y
125,000 gal. Fuel Oil Storage Tank	CHP	CHP <i>Outside</i>	Y	Eval #1 DOL – No reclassification Scheduled to be removed	NA

				No staff entry allowed	
Waste Water Sump Pit 1	CHP	CHP <i>Overhead Door</i>	Y	PRCS	Y
Waste Water Sump Pit 2	CHP	CHP <i>Overhead Door</i>	Y	PRCS	Y
Waste Water Sump Pit 3	CHP	CHP <i>Overhead Door</i>	Y	PRCS	Y
Abandoned Incinerator		Commissary <i>121</i>	N	Authorized Personnel Only Doors welded Shut No staff entry allowed	NA
Main Water Pit	Plumbing	Commissary <i>Loading Dock</i>	N	Authorized Personnel Only	Y
Grease Trap	Plumbing	Cooper <i>108</i>	Y	PRCS	Y
Blue Hot Water Tank	Plumbing	Cooper <i>108</i>	Y (R)	PRCS- No staff entry allowed	NA
Sewer Pit House Traps	Plumbing	Cooper <i>Cardio Room</i>	N	Authorized Personnel Only	Y
Sump Pit	Plumbing	Culkin <i>Basement B7</i>	Y	PRCS	Y
Water Meter Pit	Plumbing	Fallbrook <i>Thompson Rd</i>	Y (R)	Eval #22 DOL – Air Monitor to ensure safe level of O₂ Fallbrook and Rice Creek Have Aqua Service - 2002	Y
Hot Water tank	Plumbing	Funnelle <i>MCR-BN</i>	Y	PRCS- No staff entry allowed.	NA
Sump Pit	Plumbing	Funnelle <i>MCR-BN</i>	Y	PRCS	Y
Hot Water Tank	Plumbing	Hart <i>MRC-BS</i>	Y	Double Block/Bleed No staff entry allowed.	NA
Sump Pit	Plumbing	Hart <i>MRC-BS</i>	Y	PRCS	Y

Sump Pit	Plumbing	Hewitt <i>Basement Mech</i>	Y	PRCS	Y
Water Meter Pit	Plumbing	Johnson	Y _(R)	Eval #22 DOL – Air Monitor to ensure safe level of O₂	Y
House Clean out Trap	Plumbing	Johnson <i>B06</i>	Y	PRCS	Y
Hot Water Tank	Plumbing	Johnson <i>Basement Mech Room</i>	Y	PRCS- No staff entry allowed.	NA
Water Meter Pit	Plumbing	Johnson <i>Southeast Corner Inside</i>	Y _(R)	Eval #22 DOL – Air Monitor to ensure safe level of O₂	Y
White/Blue Condensate Tank	CHP	Laker <i>Boiler Room M12</i>	Y _(R)	Eval #4 DOL – Reclassify by air monitoring	Y
Swimming Pool & Diving Well	CHP	Laker	Y _(A)	DOL – Alternative Procedure for Atmospheric Hazards can be used for reclassification when cleaning with HCL.	Y
Hurst Black/Blue Boiler	CHP	Laker	Y	Eval #13	
Green Cleaver Brooks Boiler	CHP	Laker	Y	Eval #13 DOL- PRCS Entrapment Hazard - applies to the wet side of the boiler. No full body entry allowed by staff – this area is serviced/cleaned from the exterior – no need for entry.	
NW Closet 2nd Floor		Laker		Climb up ladder-stand on ?-rebar clip	
Blue #1, 2, 3 Sand Filter Tanks	CHP	Laker <i>Pool Mech. Room 19</i>	Y _(R)	Have been replaced with new filters Evaluation of New? No staff entry allowed.	NA
Drain Sump grating	CHP	Laker <i>Pool Mech. Room 19</i>	Y(R)	DOL- NPRCS- Drain Pool	

#1 & #2 White Domestic Hot Water Tanks	Plumbers	Laker <i>Mech 5</i>	Y _(R)	DOL-Reclassify by air monitoring No staff entry allowed.	NA
Back Wash Waste Tank	CHP	Laker <i>Pool Mech Mezz</i>	Y	LOTO	
Gutter Return-Gray Tank	CHP	Laker <i>Pool Mech 19</i>	Y	LOTO	
House Trap 4'x4'x4'	Plumbing	Lakeside <i>Mech Room</i>	N	Authorized Personnel Only	Y
Hot Water Tank	Plumbing	Lakeside <i>Mech Room</i>	Y	PRCS - No staff entry allowed.	NA
Steam Pit (interior)	CHP	Lanigan <i>basement mech</i>	Y	PRCS	Y
Swimming Pool	CHP	Lee	Y _(A)	Eval #15 DOL – Alternative Procedure for Atmospheric Hazards can be used for reclassification when cleaning with HCL. Get clarification on how it is cleaned now and then evaluate.	
#1 Green Pool Filter	CHP	Lee	Y _(R)	Eval #16 Replaced 1/01 - No Entry No staff entry allowed.	NA
Water Storage Tank Up Ladder	CHP	Lee	Y _(R)	Eval #25	Y
Laundry Chute		Lee <i>Basement, 1st, 2nd</i>	N	Authorized Personnel Only No staff entry allowed	NA
White Hot Water Tank	Plumbing	Littlepage <i>101 Mech</i>	Y	PRCS - No staff entry allowed.	NA
Water Meter Pit	Plumbing	Lot 7	Y _(R)	Eval #22 DOL – Air Monitor to ensure safe level of O₂	Y

		<i>Barnes Dr. & Rt. 104 EC</i>			
Hot Water Tank	Plumbing	Mackin <i>Basement mech</i>	Y	PRCS - No staff entry allowed.	NA
Sump Pit	Plumbing	Mahar 12	Y	PRCS	Y
Sump Pit	Plumbing	Mahar <i>Loading Dock</i>	Y	PRCS	Y
Main Lift Station Pump Pit <small>(see evaluation for sewer lift stations & wet wells)</small>	Plumbing	Main Lift Station	Y _{(A)(R)}	Eval #21	Y
Green Wet Wells	Plumbing	Main Lift Station	Y	PRCS	Y
Gray Grinder	Plumbing	Main Lift Station	Y	PRCS	Y
Gray Prefilter	Plumbing	Main Lift Station	Y	PRCS	Y
Stair to wet well	Plumbing	Main Lift Station	Y	Authorized Personnel Only	Y
Sump Pit	Plumbing	Oneida <i>MCR-BN</i>	Y	PRCS	Y
White Hot Water Tank	Plumbing	Oneida <i>MCR-BN</i>	Y	PRCS No staff entry allowed.-	NA
White Hot Water Tank	Plumbing	Onondaga <i>MCR-B</i>	Y	PRCS - No staff entry allowed.	NA
Cyclone Dust Collectors	Other	Park <i>North Side</i>	Y	DOL- PRCS Entry Prohibited	NA
White Hot Water Tank	Plumbing	Pathfinder <i>04A Mech</i>	Y	PRCS No staff entry allowed.-	NA
Sump Pit	Plumbing	Penfield <i>basement Mech</i>	Y	PRCS	Y

Water Pump Pit w/ Cooling Tower	HVAC	Penfield <i>North Side</i>	N	Eval #19 Old Could be reclassified but has been replaced Above Ground 2002	
Exterior Lift Station	Plumbing	Rice Creek Field Station <i>North of Building</i>	Y	PRCS	Y
Water Main Vault	Plumbing	Rich <i>South Exterior</i>	N	Authorized Personnel Only	Y
House Trap 4'x4'x4'	Plumbing	Riggs <i>MCR-1</i>	N	Authorized Personnel Only	Y
Sump Pit	Plumbing	Riggs <i>Mech Room</i>	Y	PRCS	Y
Hot Water Tank	Plumbing	Riggs <i>Basement Mech Room</i>	Y	PRCS - No staff entry allowed.	NA
Boiler Blow Down Pit	CHP	Romney <i>SW Mech Room</i>	Y	PRCS Rotating Equip	
Sump Pit	Plumbing	Scales <i>Basement Mech</i>	Y	PRCS	Y
White hot water tank	Plumbing	Seneca <i>MRC-B</i>	Y	PRCS - No staff entry allowed.	NA
Lift Station	Plumbing	Seneca <i>Exterior</i>	Y	PRCS	Y
Gas Regulator Pit	City	Sheldon <i>Washington Blvd.</i>	Y _(R)	Eval #17 City Property - We Do Not Enter No staff entry allowed.	NA
Hot Water Tank	Plumbing	Swetman <i>Mech Room</i>	Y	PRCS - No staff entry allowed.	Y
Crawl Spaces and Pipe Chases	Various Shops	Throughout Campus	N	These are not permit required confined spaces (PRCS) since under normal circumstances there is no serious safety or health hazard present or anticipated in the spaces. A number of these spaces do not even meet the definition of a confined space since	Y

				<p>they are entered through a normal door and hence do not have limited access. If an activity which could create a serious is anticipated in one of these spaces, e.g. welding, working on energized equipment using toxic materials, etc., then the classification should be reconsidered and a permit may be necessary for that activity.</p> <p>Campus policy to ensure the safety of SUNY Oswego Facilities Services staff a 4 gas meter is required when working in crawl spaces.</p>	
HVAC Systems – S- Supply, E - Exhaust R - Return EU - Energy Units HU - Heat Units AHU - Air Handling Units MUA - Make Up Air EF- Exhaust Fan ERU- Energy Recovery Unit Cooling Towers	HVAC	Throughout Campus	Y (areas that have moving Parts)	<p>These Systems have multiple access points – several of which contain no moving parts or equipment. Access points with no moving equipment have been labeled as Authorized Personnel Only (APO).</p> <p>The areas within the HVAC systems that have moving parts or equipment are considered PRCS and are labeled as such, reclassification may be possible after the equipment has been Locked Out.</p>	N
Duct Work		Throughout Campus	Y	Duct work that has an access point and is large enough for entry are PRCS and are labeled as such. Reclassification may be possible.	N
Steam Pits (manholes) Outside	CHP	Throughout Campus <i>see map</i>	Y	Eval #2 DOL- Reclassify by air monitoring – block/bleed – LO/TO	Y
Electric Power Manholes	Electrical Staff	Throughout Campus <i>see map</i>	Y	Eval #23 Reclassify by LO/TO, air monitor space	Y
Signal Manholes	Telecom	Throughout Campus <i>see map</i>		Eval #23 Reclassify by LO/TO, air monitor space	Y
Storm Water Manholes		Throughout Campus <i>see map</i>			Y

Plumbing Manholes		Throughout Campus <i>see map</i>			Y
Elevator Shafts	Contractor	Throughout Campus	Y _(R)	Eval #18 DOL- Reclassify if can LO/TO Not entered by SUNY Oswego employees – Contractor Only SUNY Staff are not allowed to enter into the shafts/pits until the elevator has been locked out by the Elevator Contractor and SUNY Staff verifies the Lock Out.	Y
Excavations > 4 Feet	Various Shops	Throughout Campus	Y _(R)	Eval #24	Y
Sewer Lift Stations	Plumbing	Throughout Campus <i>Manholes only for pump foot valves</i>	Y _{(A)(R)}	Replaced With Above Ground - 2001	
Sump Pit	Plumbing	Tyler <i>Main Mech 033</i>	Y	PRCS	Y
Orchestra Pit		Tyler <i>SB4</i>	N	Authorized Personnel Only	
Potable Water Tanks	Plumbing	Walker <i>Basement</i>	Y	No Entry No staff entry allowed.	NA
Septic Tanks Mens/Womens	Plumbing	Walker <i>Basement</i>	Y	No staff entry allowed.	NA
White hot water tank	Plumbing	Walker <i>Basement</i>	Y(R)	PRCS- No staff entry allowed.	NA
Sump Pit	Plumbing	Walker <i>Basement</i>	Y		Y
Green Hot Water Tank	Plumbing	Waterbury Mech Room	Y	PRCS - No staff entry allowed.	NA
1st Floor Metal Shop Welding Area-Exhaust Fan Above Ceiling 163	HVAC	Wilber Hall	N	Authorized Personnel Only	Y