

Process Code	Tasks or Activities	Risk Evaluation							Task Frequency 1-5	Notes	Existing procedure?	CSE Procedure Req'd	LKO Procedure Req'd
		Likelihood 1-5		Consequence 1-5				Criticality					
		Task Complexity	Probability of Incident resulting from Screw Up	Health/Safety	Public Disruption	Environmental	Economic						
MP027	VFD & DCD Air Supply Filters	4	2	4	1	1	4	16	4	Electrical	?	n	y
MP046	Outfall gate Inspections	3	4	3	4	3	3	16	4	Mechanical			
P028	Dispatch Personnel	1	5	3	3	3	3	15	5	Guideline needed	n	n	n
P235	Revise Civil Drawings	3	5	1	3	1	3	15	4		n	n	n
P045	Respond to facility security breach	5	2	3	2	1	3	15	5	~ 40 proc for Intercon user. Obtain list.	y	n	n
P281	Inspect and Repair Lake (Debris/Bag) Boom	3	3	3	2	4	5	15	5	check w A1 (checklist?)	n	n	y
NP184B	Operate Cleveland dam domestic slide gates (local manual)	3	3	2	5	4	4	15	2		n	n	n
P173	Respond to Capilano Dam surveillance anomalies	3	3	3	5	4	5	15		Clarify USO field response component; EPP/ERP	y	n	n
P174	Respond to Seymour Dam surveillance anomalies	3	3	3	3	4	5	15		Clarify USO field response component; EPP/ERP	y	n	n
NP045	Maintain and Implement Backup Control Center Procedures (ie. Trigger mechanism, how often to test etc.)	3	2	1	5	4	4	15	3		n	n	n
NP031	Procure Facility Signage	3	3	4	4	4	5	15	4	different signage reqm't (waterbody crossings, gas main crossings, facilities, subsurface locations) some standards available	y	n	n
NP035	Notification/Reporting of a Safety Incident	2	5	3	1	1	3	15	5	SSEM procedure exists; O&M procedure required	y	n	n
NP036	Inspect Crew Vehicle (Pre-trip)	3	5	2	2	2	3	15	5	WCB procedure exists	y	n	n
NP083	Develop daily pre-plan	5	2	1	3	2	3	15	5	template	y	n	n
NP051	Define Project Manager Responsibilities between E&C/O&M	3	5	1	1	1	3	15	5	Subset of CAMP/De-CAMP document	n	n	n
NP054	Request and approve alarm priorities and responses	4	5	3	3	3	3	15	4		n	n	n
P093	Respond to water reservoir overflow	3	2	1	3	4	3	12	2	Water	n	n	n
P015	Collect water samples	2	3	1	4	1	4	12	4	WQ has procedures, not applied to USO	y	n	n
P071	Flush PRVs	3	4	1	3	3	3	12	4		n	y	n
P076B	Respond to P2 & P3 Alarms	4	4	3	3	3	3	12	5	Have alarm contact list, 50 diff alarm types	y	n	n
P124	Video for sewer collection	3	4	3	3	3	2	12	3		n	y	n
P224	Alarm Testing - PM	3	2	3	4	3	3	12	4	review criticality rating.	y	y	y
P133	Inspect odour control units	3	4	2	3	1	1	12	5		y	n	n
P273	Isolation Gates Exercise	3	4	1	2	3	2	12	3		n	n	n
P237	Inspect Compressor	3	4	2	2	3	3	12	4		n	n	n
P064	Enter wet well (sewer)	4	3	3	2	1	1	12	5	in wet wells	y	y	y
P127	Change Pump Leads (sewer)	3	3	1	1	1	4	12	5		n	n	n

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P312	Repair Sampling Line (water)	2	3	1	2	1	2	6	5		y	y	n
P041	Inspect line	3	2	2	2	1	1	6	4	exist.	y	n	n
P261	Genset Refuelling - coordination/management	2	2	1	3	3	1	6	4		n	n	n
P057	Inspect and flush Air Valves (water/sewer)	3	3	2	2	2	1	6	5		y	y	y
P162	Isolate and return Seymour turbine	3	3	2	1	2	2	6	2	Check with A1 crew.	n	n	y
P299	Read pressure sensor	3	2	2	2	1	2	6	4		n	y	n
NP007	Coordinate Diver entering source Lake	3	3	2	2	1	2	6	2	find disinfection procedure	n	n	y
NP008	Coordinate ROV Inspection (Remote Operated Vehicle) Into Reservoir	3	3	2	2	1	2	6	1		n	n	y
P276	Maintain kiosk heat tape and heaters	2	1	1	1	1	3	6	5	part of PM checklist	n	n	n
P327A	Inspect Capilano Turbine	3	2	2	1	1	2	6	5	part of station checks	n	n	n
P327B	Inspect Seymour Turbine	3	2	2	1	1	1	6	5	part of dam checks	n	n	n
P225	Brush out Alpine Lake Trails	2	2	3	1	2	2	6	1		n	n	n
P056	Operate with restricted Capilano flow contact time	3	2	2	2	1	2	6	2	Chlorinate source thru Cap 5 and out to system	n	y	y
P012	Change secondary disinfection setpoints (remote)	2	3	1	2	1	1	6	4	Change process setpoints	n	n	n
P284	Lube Line Valve Actuators	2	2	2	2	2	3	6	5	O&M Maintenance - Mechanical (PM checklist)	y?	y	y
P302	Lubricating Pumps and other Equipment	2	2	2	1	1	3	6	5	O&M Maintenance - Mechanical (PM checklist)	y?	y	y
MP002	Check level instrumentation (PT's) at Reservoirs	3	2	2	1	2	2	6	3	O&M Maintenance - Instrumentation			
MP006	Genset Refuelling - onsite	1	3	2	2	2	2	6	5	O&M Maintenance - Mechanical	n	y?	n
MP007	Operate and Inspect Ventilation Fan	3	2	2	1	1	2	6	5	Mechanical (pm checklist)	y?	y?	y?
MP012	Test Emergency Stop Switches	3	2	2	1	1	2	6	5	Mechanical	n	y	n
MP039	Rain Gauge Maintenance	2	2	3	1	1	2	6	5	Instrumentation	n	n	n
MP042	Replace Sewer Air Valves	2	2	3	2	2	2	6	4	Mechanical	n	y	y
P271	Intake Screen Flush & Rotation	1	1	2	4	1	5	5	4	DAM checklist	n	n	n
P267	HVAC Filters Inspections	1	1	1	1	1	4	4	5	PS checklist	y	n	n
P272	Isolation Gate Inspection	2	2	2	2	2	2	4	5	PS checklist	n	y	y
P252	Inspect and Flush Eye Wash and Shower Stations (Sewer)	2	2	2	1	1	2	4	5	Testing, Temperature, Flush; Checklist and PM	n	n	n
P233	Monitor Cathodic Protection	2	1	2	1	1	2	4	5	should be part of a PM checklist			
P319	Read, Flush, and Clean Staff Gauge	2	2	2	1	1	1	4	5		n	n	n
P156	Verify flow for billing meters	2	1	1	1	1	2	4	5	Parameters; operational outcome	n	n	n
NP065	Create and Interpret trends	4	2	1	1	1	1	4	5	delta V instructions	y	n	n