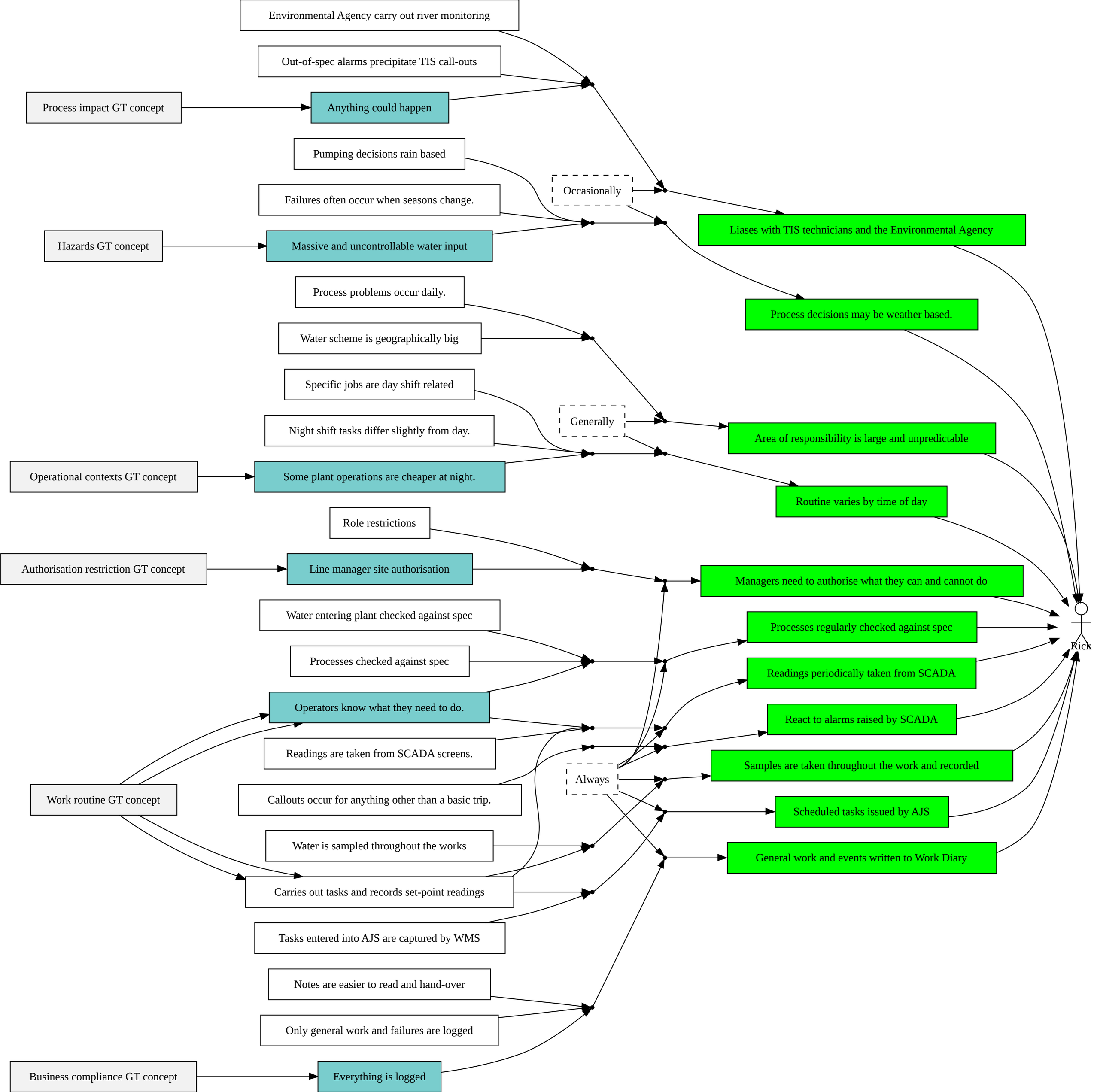
Environmental Agency carry out river monitoring
Out-of-spec alarms precipitate TIS call-outs
Process impact GT concept
Anything could happen
Pumping decisions rain based
Occasionally
Failures often occur when seasons change.
Hazards GT concept
Massive and uncontrollable water input
Liases with TIS technicians and the Environmental Agency
Process problems occur daily.
Process decisions may be weather based.
Water scheme is geographically big
Specific jobs are day shift related
Generally
Night shift tasks differ slightly from day.
Area of responsibility is large and unpredictable
Operational contexts GT concept
Some plant operations are cheaper at night.
Routine varies by time of day
Role restrictions
Authorisation restriction GT concept
Line manager site authorisation
Managers need to authorise what they can and cannot do
Water entering plant checked against spec
Processes regularly checked against spec
Processes checked against spec
Readings periodically taken from SCADA
Operators know what they need to do.
React to alarms raised by SCADA
Readings are taken from SCADA screens.
Samples are taken throughout the work and recorded
Always
Work routine GT concept
Callouts occur for anything other than a basic trip.
Scheduled tasks issued by AJS
Water is sampled throughout the works
General work and events written to Work Diary
Carries out tasks and records set-point readings
Tasks entered into AJS are captured by WMS
Notes are easier to read and hand-over
Only general work and failures are logged
Business compliance GT concept
Everything is logged
Rick