



## Proposed Environmentally Relevant Activities (ERAs)

ERA	Description	Rationale
7a - Level 2 Chemical Storage	Chemical storage in containers having a design volume more than 10 cubic metres but less than 1,000 cubic metres.	Bulk storage of water treatment chemicals, eg acid, for the RO plant. (PL 226 only)
9 - Level 1 Gas Producing	Commercially producing hydrocarbon gas by any method, including the reforming of hydrocarbon gas, but not including collecting hydrocarbon gas in carrying out an activity under ERA 15 or 75	Production of gas from gas plant to sales line.
11b - Level 1 Crude Oil or Petroleum Storage	Storing petroleum products in tanks or containers having a combined total storage capacity of more than 500kL.	Storage of LPG for sites including pilot test facilities.
15a - Level 1 Sewage treatment	Standard sewage treatment works having a peak design capacity to treat the sewage of 21 or more equivalent persons but less than 100ep.	Small package plants catering for drilling camps.
15b - Level 1 Sewage treatment	Standard sewage treatment works having a peak design capacity to treat the sewage of more than 100ep but less than 1,500ep	Treatment plant and irrigation area designed as an integral part of the main camp. (PL 226 only)
17 - Level 1 Fuel burning	Any process involving the use of fuel burning equipment that is capable of burning 500 kg or more of fuel an hour.	Flares, compressors and generators.
20b - Level 1 Extracting rock or other material	Extracting rock, sand, clay, gravel, loam or other material from a pit or quarry using plant or equipment having a design capacity of 5000t or more, but less than 100,000t a year.	Material to support exploration activities.
20c - Level 1 Extracting rock or other material	Extracting rock, sand, clay, gravel, loam or other material from a pit or quarry using plant or equipment having a design capacity of 100,000 t or more a year.	Material to support construction activities. (PL 226 only)
21D	A petroleum activity otherwise prescribed under this schedule as a level 1 environmentally relevant activity	CSG construction & operations



ERA	Description	Rationale
21E	A petroleum activity not otherwise prescribed under this schedule as a level 1 environmentally relevant activity	CSG construction & operations
75 (b)(iv) - Level 1 Regulated waste disposal	Waste disposal - operating a facility for disposing of regulated waste, if the facility is designed to receive waste at a rate of 200,000 t or more a year	Storage and evaporation of associated water.
84b - Level 1 Regulated waste storage	Operating a facility for receiving and storing regulated waste.	Storage and evaporation of associated water.

NB - except where indicated as applicable to 'PL 226 Only' the ERAs apply to all tenures, ie PL 215, PL 216, PL 225, PL 226, ATP 692P and ATP 702P

Origin interprets the following as not needed:

- ERA 13 (fuel gas refining or processing). The gas plant does not involve refining or fractionation of hydrocarbons.
- ERA 16 (water treatment). The need for this ERA is specifically excluded due to process association with ERA 75b; and
- ERA 22 (screening, washing... extracted materials). The need for this ERA is specifically excluded due to the activity being under a petroleum authority.