

<b>Operator Assessment of Potential for Category A Facilities</b>	
<b>Preliminary</b>	
<b>Q1</b>	Does the WMP Include Any Waste Facilities
	Yes
Yes	You should identify the facility and follow the questions below.
No	If you have no waste facilities no further consideration is needed.
Note	Categorisation as a waste facility is described in Chapter 3. Some sites will not have any. Some sites may have more than one facility
	Identification of facility
	West Pond, Lower East Pond and Upper East Pond as per Hoy Dormann dwg 2016021-P-CIV-005.
Note	Insert Name or IGR ref above or state "None"
<b>Hazardous Waste or Dangerous Substances</b>	
<b>Q2</b>	<b>Will the waste facility contain hazardous waste or dangerous substances?</b>
	No. Classification of all waste streams has been carried out using thresholds in Decision 337/2009/EC.
Yes	Consider the thresholds in Decision 337/2009/EC. If exceeded the facility will be Category A.
No	The facility will not be Category A on account of material. Move on to question 3.
Notes	Chapter 2 describes the scope for hazardous waste.
<b>Major Accident - Serious danger to human health or loss of life</b>	
<b>Q3</b>	<b>Does the existing facility (or would the planned facility) constitute a significant hazard under the terms of the Quarries Regulations 2006</b>
	No. Ponds are formed by 100% cut into in-situ foundations. There will be no water retaining embankments. The ponds are to be constructed with emergency spillways which will ensure controlled release of excess water in the event of a storm event which exceeds the design storage capacity. Uncontrolled release from the ponds is not considered credible. Damage to property or injury to persons is not considered to be credible.
Yes	Proceed to Q4.
No.	The facility should not pose a serious danger to human health or loss of life but you should still make the confirmation required in Question 4
<b>Q4</b>	<b>Can you, as operator, confirm the following?</b>
	(a) that in your opinion structural failure or incorrect operation of the waste facility would not result in potential for loss of life or serious danger to human health considering any human beings other than site workers, who are present outwit the site, permanently or for prolonged periods.
	(b)(i) the operation complies with the Quarries Regulations 2006 (ii) that where the facility is or would qualify as a significant hazard the necessary geotechnical assessment work for the waste facility has been undertaken
	(iii) any notifiable tips have been notified to the HSENI.
	As per Q3 answer. Control mechanisms are in place to prevent uncontrolled release of water to the environment.
Yes	The facility should not be treated as Category A on this count at this stage.
No	If you are not confident in certifying that your facility does not pose such a risk you should seek advice from a geotechnical specialist. Your WMP cannot be approved meantime.

	<b>Major Accident-Serious danger to the environment</b>
<b>Q5</b>	<b>(whether or not classed as a significant hazard under the Quarries Regulations), is there a type of event where solid waste or slurry material could spill over the site boundary or onto an undisturbed area of the site. If so it would be useful if you could estimate the maximum reach of any spill or state a distance beyond which it certainly would not reach, taking into account the surrounding landform.</b>
	Ponds have been sized to accommodate a 24hr 1:1000 ARI storm event during operations, which is appropriate for this class of structure. Sufficient operating freeboard has been included over and above this, to minimise the risk of overtopping. In the event of a larger storm event (up to 1:10,000 ARI), flows will be directed via an emergency spillway to the Pollenroe stream.
Yes	Continue to Question 6.
No	The facility does not qualify as Category A on this basis.
Note	There is no question of considering the probability of the failure here. You should consider the effect any of the failures or incorrect operations which could conceivably occur at this facility. In many cases it will be possible to estimate from general principles the safe maximum extent of any spill. This information will assist the planning authority to confirm agreement on the impact under question 7 below.
<b>Q6</b>	<b>Are there any designated habitats which might be affected by the spill</b>
	No credible risk of uncontrolled release from the ponds.
Yes	Go to Question 7.
No	Go to Question 7.
Note	This should certainly include any international or national designations. Local designations should be noted where known.
<b>Q7</b>	<b>Is it predicted that the impact of a spill would exceed the criteria for serious danger to the environment in Decision 337/2009/EC?</b>
	(a) the intensity of the potential contaminant source strength is decreasing significantly within a short time;
	(b) the failure does not lead to any permanent or long-lasting environmental damage;
	(c) the affected environment can be restored through minor clean-up and restoration efforts.
	The only scenario under which release to the environment could occur would be if the design storm was exceeded and excess water is safely discharged to the Pollanroe. Under these circumstances, the volume of storm water would significantly dilute the source concentration of any contaminants and hence the impacts on environment are not considered to be significant.
YES	If it is predicted (in the first instance) that these criteria would be exceeded you should confirm this through a specific evaluation in the context of a source pathway- receptor. In very clear circumstances this is expected to be a simple statement.
NO	The facility does not qualify as Category A on this count. If the preceding questions have been properly followed the facility will not be Category A

Notes	You should provide the reasoning behind your conclusion (whether positive or negative). Where there is doubt you may be asked to provide a specific evaluation following Decision 337/2009/EC. However in the absence of any other information where waste is non hazardous and there are no high sensitivity habitats such as those with ecological designations it will generally be reasonable to assume that the impact would fall below the above criteria and would not amount to serious danger to the environment
<b>Q8</b>	<b>Is there any other risk of serious danger to the environment above the thresholds in Decision 337/2009/EC (i.e. those in Q7 above) which might result from incorrect operation such as unmitigated acid rock drainage?</b>
	<b>No.</b>
Yes	You should undertake a specific evaluation in the context of a source pathway-receptor chain to demonstrate whether or not the facility qualifies on this count.
No	The facility is not identified at this stage as Category A on this account.
Notes	If the planning Authority or statutory consultees raise other significant considerations this aspect may need to be revisited. Impacts from extractive waste not already covered above (i.e. on account of hazardous waste, dangerous substances or physical movement) are however likely to be limited especially where the extractive waste is inert
	<b>Operators Conclusion</b>
	<b>Not Category A</b>