

Draft Conditions (Without Prejudice) for AIL 2024/0008 Mine Water Proposals

1. Licence Holder

- 1.1. This licence is authorised to **APPLICANT NAME**, (the licence holder). Should there be a change in licence holder identity, an application to modify this licence must be submitted to NIEA within 21 days of the change taking place.

2. Location of Abstraction Point and Return

- 2.1. This licence authorises the abstraction of groundwater from the area shown and labelled as the "Underground Mine Area " on Map 1 attached to and forming part of this licence. (*Figure 3-1 of the Mine Water Supporting Document to the Abstraction Application.*)
- 2.2. The return of abstracted Groundwater will be managed through the Consents to Discharge TC 80/20 and TC 81/20 issued on [DATE] under the Water Order 1999.

3. Purpose of Abstraction

- 3.1. The primary purpose of this activity is for mine dewatering.

4. Means of Abstraction

- 4.1. The means of abstraction is by pumped groundwater.

5. Abstraction Volumes/Rates

- 5.1. The quantity of water abstracted shall not exceed **XXXXX cubic metres per calendar day**.
- 5.2. A calendar day = 24 consecutive hours, midnight to midnight.

6. Project Operation/Works/Commissioning

- 6.1. No abstraction shall take place except in accordance with the conditions of this licence and with the approved abstraction management and monitoring measures, specified within the Water Management, Monitoring and Action Plan (**WMMAP**). A single WMMAP may be submitted for approval for this licence and for AIL 2024/0009 and Consents to Discharge TC 80/20 and TC 81/20.
- 6.2. The WMMAP shall be submitted and approved in writing by NIEA before commencement of any development in connection with the authorised abstraction. The WMMAP should include but not be limited to the following:
- a) details of all abstraction points and associated water management infrastructure;
 - b) the maximum abstraction rates and volumes authorised under this licence;
 - c) the planned duration of the abstraction for each phase of the development;
 - d) a site water balance identifying water sources, storage, treatment, discharge and losses;
 - e) baseline and background monitoring data collected over a minimum period of 12 months prior to the commencement of abstraction, including, as a minimum, groundwater levels and quality, private water supply levels and quality, peat water levels, surface water flows, and surface water quality;
 - f) an up-to-date detailed site phasing plan and programme of works identifying all activities with the potential to affect groundwater, surface water and associated water management infrastructure, including activities associated with the commencement, operation, modification and cessation of abstraction, insofar as they are relevant to the management and protection of the water environment;

- g) the detailed design for the diversion, collection, storage, treatment and discharge of water;
- h) the operating and maintenance procedures for the diversion, collection, storage, treatment and discharge of water;
- i) details of all water monitoring and responsive actions, including but not limited to:
 - (i) details of all monitoring locations, monitored parameters, monitoring methodologies and monitoring frequencies for:
 - groundwater levels and groundwater quality;
 - private water supply levels and water quality;
 - peat water levels; and
 - surface water flows and surface water quality;
 - (ii) trigger levels for groundwater levels, private water supply levels, peat water levels, surface water flows, abstraction volumes and water quality parameters;
 - (iii) the actions and mitigation measures to be implemented where any trigger level is reached or exceeded;
 - (iv) contingency measures for pump failure, diversion ditch failure, failure of peat management measures, under-drain failure, treatment system failure, power failure, infrastructure failure, containment failure of the Dry Stack Facility, containment failure of ponds, extreme rainfall events, and any other event which could adversely affect the water environment;
 - (v) details of the proposed maintenance and monitoring arrangements for the site, including specifically those applicable to the groundwater dewatering and surface water diversion, together with arrangements for the recording and retention of maintenance, inspection, servicing and repair records;

- (vi) incident reporting and notification procedures, including reporting timescales;
 - (vii) arrangements for maintaining monitoring records and reporting monitoring results to NIEA.
- 6.3. The Licence Holder shall implement and maintain the WMMAP approved by the NIEA for the duration of this licence.
- 6.4. The Licence Holder shall maintain a record of the daily volume of water abstracted from the area specified in Condition 2.
- 6.5. The Licence Holder shall submit to the NIEA a monthly report on the implementation of the approved WMMAP. The report shall include, as a minimum, monitoring data, an assessment of the monitoring results against applicable trigger levels, details of any trigger level reached or exceedances, and details of all measures undertaken to maintain compliance with the WMMP.
- 6.6. The Licence Holder shall undertake an annual review of the approved WMMAP and submit an annual report to the NIEA detailing the implementation and effectiveness of the Plan, any trigger level exceedances, corrective actions undertaken, and any proposed amendments. No amendment to the WMMAP shall be implemented without the prior written approval of the NIEA.
- 6.7. Where monitoring identifies that a trigger level specified within the approved WMMAP has been reached or exceeded, the Licence Holder shall implement the relevant corrective actions specified within the Plan and notify the NIEA within 24 hours of identifying the exceedance.
- 6.8. The NIEA may require the Licence Holder to review and amend the approved WMMAP where monitoring results or other information indicate that the Plan is no longer adequate to protect the water environment.

7. Decommissioning

- 7.1. The Licence Holder shall, no later than 36 months / 3 years prior to the planned permanent cessation of abstraction, submit to the NIEA for approval detailed proposals, as part of the WMMAP required under condition 6.2.f, a Cessation and Groundwater Rebound Management Plan. The Plan shall include but not be limited to details of the proposed cessation of abstraction and the management of any resulting impacts on the water environment, including groundwater rebound monitoring, trigger levels, mitigation measures, contingency arrangements and reporting requirements.
- 7.2. Following written approval by NIEA of the Cessation and Groundwater Rebound Management Plan, and in any event no later than 12 months prior to the anticipated permanent cessation of abstraction, the Licence Holder shall apply for a variation of this Licence.
- 7.3. The Licence Holder shall not undertake any activity associated with mine restoration that may affect groundwater levels, groundwater rebound, surface water flows or water quality except in accordance with a variation to this Licence approved by the NIEA.

8. Inspection

- 8.1. The Licence Holder shall permit Authorised Officers of the NIEA safe access to inspect the abstraction works, associated infrastructure and any measurement or monitoring equipment used for the purposes of this licence.
- 8.2. The Licence Holder shall notify the NIEA in writing of any proposed change to the abstraction operation that may materially affect the nature, source, location or rate of abstraction authorised by this licence.

9. Transfer, Modification or Surrender

- 9.1. Where the Licence Holder proposes to transfer this licence to another person, the Licence Holder and the proposed transferee shall jointly submit an application for the transfer of the licence to the NIEA together with the prescribed fee.
- 9.2. The Licence Holder shall apply to the NIEA for a variation of this licence where any proposed change to the operation may alter the source, location, rate, volume or nature of the abstraction authorised by this licence. Such application shall be submitted no later than 4 months before the proposed change is to be implemented and shall be accompanied by the prescribed fee.

Informative

The Licence

- 10.1. The licence may be reviewed, either upon request from the licence holder or if deemed necessary by the NIEA.
- 10.2. Operation of an abstraction licence does not confer a legal right to abstract water or a legal right to access land at any location in Northern Ireland. Any authorisation granted in accordance with the regulations requires the applicant to have established “water rights” and “access rights” either through ownership or by agreement with any relevant third parties.

Draft Conditions (Without Prejudice) for AIL 2024/0009 Surface Water Proposals

1. Licence Holder

- 1.1. This licence is authorised to the **APPLICANT NAME** (the licence holder). Should there be a change in licence holder identity; an application to modify this licence must be submitted to NIEA within 21 days of the change taking place.

2. Location of Abstraction and Return

- 2.1. This licence authorises the abstraction of surface water on headwaters and catchment area of the Pollanroe Burn and Unnamed stream via the creation of the following diversion berms and ditches, location as agreed on the attached Map:

- Northern Diversion Berm
- Eastern Diversion Ditch
- Western Drainage Ditch

- 2.2. The Return Points are the following outfalls:

- Outfall 4
- Outfall 2

Outfalls as shown on the locations identified on Map 1 attached to and forming part of this licence. A proportion of the return will be managed through the Consents to Discharge TC 80/20 and TC 81/20 issued on [DATE] under the Water Order 1999.

3. Purpose of Abstraction

- 3.1. The primary purpose of this abstraction is for the operations for industrial process water and to reduce the volume of contact water.

4. Means of Abstraction

- 4.1. The means of abstraction is by diversion of surface water run-off.

5. Abstraction Volumes/Rates

- 5.1. The quantity of water abstracted shall not exceed **XXXXX cubic metres per calendar day**.
- 5.2. A calendar day = 24 consecutive hours, midnight to midnight.

6. Project Operation/Works/Commissioning

- 6.1. No abstraction shall take place except in accordance with the conditions of this licence and with the approved abstraction management and monitoring measures, specified within the Water Management, Monitoring and Action Plan (**WMMAP**). A single WMMAP may be submitted for approval for this licence and for AIL 2024/0008 and Consents to Discharge TC 80/20 and TC 81/20.
- 6.2. The WMMAP shall be submitted and approved in writing by NIEA before commencement of any development in connection with the authorised abstraction. The WMMAP should include but not be limited to the following:
- a) details of all abstraction points and associated water management infrastructure;
 - b) the maximum abstraction rates and volumes authorised under this licence;
 - c) the planned duration of the abstraction for each phase of the development;
 - d) a site water balance identifying water sources, storage, treatment, discharge and losses;

- e) baseline and background monitoring data collected over a minimum period of 12 months prior to the commencement of abstraction, including, as a minimum, groundwater levels and quality, private water supply levels and quality, peat water levels, surface water flows, and surface water quality;
- f) an up-to-date detailed site phasing plan and programme of works identifying all activities with the potential to affect groundwater, surface water and associated water management infrastructure, including activities associated with the commencement, operation, modification and cessation of abstraction, insofar as they are relevant to the management and protection of the water environment;
- g) the detailed design for the diversion, collection, storage, treatment and discharge of water;
- h) the operating and maintenance procedures for the diversion, collection, storage, treatment and discharge of water;
- i) details of all water monitoring and responsive actions, including but not limited to:
 - (i) details of all monitoring locations, monitored parameters, monitoring methodologies and monitoring frequencies for:
 - groundwater levels and groundwater quality;
 - private water supply levels and water quality;
 - peat water levels; and
 - surface water flows and surface water quality;
 - (ii) trigger levels for groundwater levels, private water supply levels, peat water levels, surface water flows, abstraction volumes and water quality parameters;
 - (iii) the actions and mitigation measures to be implemented where any trigger level is reached or exceeded;

- (iv) contingency measures for pump failure, diversion ditch failure, failure of peat management measures, under-drain failure, treatment system failure, power failure, infrastructure failure, containment failure of the Dry Stack Facility, containment failure of ponds, extreme rainfall events, and any other event which could adversely affect the water environment;
 - (v) details of the proposed maintenance and monitoring arrangements for the site, including specifically those applicable to the groundwater dewatering and surface water diversion, together with arrangements for the recording and retention of maintenance, inspection, servicing and repair records;
 - (vi) incident reporting and notification procedures, including reporting timescales;
 - (vii) arrangements for maintaining monitoring records and reporting monitoring results to NIEA.
- 6.3. The Licence Holder shall implement and maintain the WMMAP approved by the NIEA for the duration of this licence.
- 6.4. The Licence Holder shall maintain a record of the daily volume of water abstracted from the area specified in Condition 2.
- 6.5. The Licence Holder shall submit to the NIEA a monthly report on the implementation of the approved WMMAP. The report shall include, as a minimum, monitoring data, an assessment of the monitoring results against applicable trigger levels, details of any trigger level reached or exceedances, and details of all measures undertaken to maintain compliance with the WMMP.
- 6.6. The Licence Holder shall undertake an annual review of the approved WMMAP and submit an annual report to the NIEA detailing the implementation and effectiveness of the Plan, any trigger level exceedances, corrective actions undertaken, and any proposed

amendments. No amendment to the WMMAP shall be implemented without the prior written approval of the NIEA.

- 6.7. Where monitoring identifies that a trigger level specified within the approved WMMAP has been reached or exceeded, the Licence Holder shall implement the relevant corrective actions specified within the Plan and notify the NIEA within 24 hours of identifying the exceedance.
- 6.8. The NIEA may require the Licence Holder to review and amend the approved WMMAP where monitoring results or other information indicate that the Plan is no longer adequate to protect the water environment.

7. Decommissioning

- 7.1. The Licence Holder shall, no later than 36 months / 3 years prior to the planned permanent cessation of abstraction, submit to the NIEA for approval detailed proposals, as part of the WMMAP required under condition 6.2.f, a Cessation and Groundwater Rebound Management Plan. The Plan shall include but not be limited to details of the proposed cessation of abstraction and the management of any resulting impacts on the water environment, including groundwater rebound monitoring, trigger levels, mitigation measures, contingency arrangements and reporting requirements.
- 7.2. Following written approval by NIEA of the Cessation and Groundwater Rebound Management Plan, and in any event no later than 12 months prior to the anticipated permanent cessation of abstraction, the Licence Holder shall apply for a variation of this Licence.
- 7.3. The Licence Holder shall not undertake any activity associated with mine restoration that may affect groundwater levels, groundwater rebound, surface water flows or water quality except in accordance with a variation to this Licence approved by the NIEA.

8. Inspection

- 8.1. The Licence Holder shall permit Authorised Officers of the NIEA safe access to inspect the abstraction works, associated infrastructure and any measurement or monitoring equipment used for the purposes of this licence.
- 8.2. The Licence Holder shall notify the NIEA in writing of any proposed change to the abstraction operation that may materially affect the nature, source, location or rate of abstraction authorised by this licence.

9. Transfer, Modification or Surrender

- 9.1. Where the Licence Holder proposes to transfer this licence to another person, the Licence Holder and the proposed transferee shall jointly submit an application for the transfer of the licence to the NIEA together with the prescribed fee.
- 9.2. The Licence Holder shall apply to the NIEA for a variation of this licence where any proposed change to the operation may alter the source, location, rate, volume or nature of the abstraction authorised by this licence. Such application shall be submitted no later than 4 months before the proposed change is to be implemented and shall be accompanied by the prescribed fee.

Informative

10. The Licence

- 10.1. The licence may be reviewed, either upon request from the licence holder or if deemed necessary by the NIEA.
- 10.2. Operation of an abstraction licence does not confer a legal right to abstract water or a legal right to access land at any location in Northern Ireland. Any authorisation granted in accordance with the regulations requires the applicant to have established “water rights” and “access rights” either through ownership or by agreement with any relevant third parties.