



Environment Audit Findings (74005113)

1.1 Recommendations

| Identifier | PSI # | Condition | Recommendation | Priority | Action | Timeframes | Responsibility |
|------------|----------|------------------------|--|----------|--|------------|----------------|
| NC-1 | | PA Schedule 5 1 | Write to the owners of privately-owned land within 2 kilometres of the approved open cut mining to inform them of their entitlements in accordance with the Project Approval. | High | The letters have to be sent by Community and External Relation Team. Liaise with Justine. | 30 April | MP |
| NC-2 | | PA Schedule 5 3 | Apply to the Department for approval to notify the landowners by telephone rather than in writing. The conversations could be logged in a telephone diary to retain a record of their outcome. | High | Department will be notified and approval will be requested. | 30 April | BR |
| NC-3 | 74005489 | PA Schedule 6 11 | Update and maintain the environmental publications page on the NPM website to meet Project Approval requirements. | High | Ensure all updated Management Plans are uploaded in Northparkes website under Reports and Publications | 15 April | NVD |
| Ofi-1 | | EPL M2.2 | Reduce groundwater standing water level monitoring results to metres AHD. | Low | TBC | | |
| Ofi-2 | 74005496 | PA Schedule 3 2 | Confirm understanding of statutory day time hours during which McClintocks Lane construction works may occur. | High | Construction hours for the McClintocks Lane will be confirmed with the Projects Team and submitted to relevant agencies. | 15 April | AY |
| Ofi-3 | 74005497 | PA Schedule 3 3 | Amend the Noise Management Plan to remove reference to preparation of a proposed Construction Noise Management Plan. | Low | Noise Management Plan will be amended to the changes requested and submitted to the relevant government agencies. | 15 April | AY |



| Identifier | PSI # | Condition | Recommendation | Priority | Action | Timeframes | Responsibility |
|------------|----------|------------------------|--|----------|---|------------|----------------|
| Ofi-4 | 74005498 | PA Schedule 3 17 | Amend the Air Quality Management Plan to provide a correct timeframe for incident reporting requirements. | Low | Air Quality Management Plan will be amended to the changes requested and submitted to the relevant government agencies. | 15 April | AY |
| Ofi-5 | 74005499 | PA Schedule 3 18 | Consult with Department of Planning to confirm the specific requirements of the met station condition and meet the requirements of the condition. | Medium | Department of Planning will be contacted and will confirm the specific requirements in regards to the met data. | 30 April | AY |
| Ofi-6 | | PA Schedule 3 38 | Review and update the Non-Mineral Waste Management Plan. | Medium | Non-Mineral Waste Management will be updated with the relevant changes and submitted. | 30 April | BR |
| Ofi-7 | 74005500 | PA Schedule 3 39 | Amend the Rehabilitation Management Plan to provide details on how to achieve public safety after mine closure. | Low | Rehabilitation Management Plan will be amended to the changes requested and submitted to the relevant government agencies. | 15 April | AY |
| Ofi-8 | | PA Schedule 6 1 | Amend the Environmental Management Strategy to include the current version of the monitoring and measurement schedule. | Medium | Environmental Management Strategy will be amended to the changes requested and submitted to the relevant government agencies. | 15 April | BR |
| Ofi-9 | 74005495 | PA Schedule 6 8 | Provide more regular reporting of NPM environmental performance results on the website. Ensure the current version of environmental management plans are published on the website. | Medium | Ensure updated management plans are published on NPM website. | 15 April | NVD |



1.2 Opportunities for improvement

Nine opportunities for improvement were identified during the audit. Details of the opportunities for improvement are provided in Table 4. Recommended actions to address the opportunities for improvement are provided in Table 6.

Table 1 Opportunities for improvement

| Identifier | Condition | Opportunity for improvement | Action | Timeframes | Responsibility |
|------------|------------------------|---|---|------------|----------------|
| Ofi-1 | EPL M2.2 | Groundwater standing water levels are recorded and reported relative to the top of casing for the respective bores. The results should be reduced to metres Australian Height Datum to enable comparison of the relative groundwater standing water levels between the monitored bores. | Survey all ground water monitoring bores to the top of the casing. Liaise with NPM surveyor to undertake the works internally. | TBC | BR |
| Ofi-2 | PA Schedule 3 2 | NPM should ensure the hours of construction are restricted to 0700 to 1800 in accordance with this condition. Some NPM representatives are uncertain of the daytime hours specified by this condition. | Construction hours will be confirmed with the project team and communicated to site. | 15 April | AY |
| Ofi-3 | PA Schedule 3 3 | The Noise Management Plan (s 6.1) includes specific controls for noise control during the Extension Project construction works and identifies the planned preparation of a Construction Noise Management Plan (CNMP), however, NPM is controlling construction noise through the Construction Management Plan, Environmental Management Strategy and the existing Noise Management Plan, and does not propose to prepare a CNMP. | NA | | |
| Ofi-4 | PA Schedule 4 17 | Condition 7 of Schedule 6 requires the proponent to shall immediately notify the Secretary and any other relevant agencies of any incident and to provide the Secretary and any relevant agencies with a detailed report on the incident within seven days of the date of the incident. The plan, however, specifies that; "All exceedences and investigations will be reported to the regulators within 7 working days of the incident". This is inconsistent with the requirement and could lead to a reporting non-compliance. | All incidents will be investigated and reported within 7 days not 7 working days from the date of incident. All Management Plans will be updated to reflect this. | 30 April | Env Team |



| Identifier | Condition | Opportunity for improvement | Action | Timeframes | Responsibility |
|------------|------------------------|---|---|------------|----------------|
| Ofi-5 | PA Schedule 4 18 | Condition 18 requires NPM to establish a meteorological station that is capable of continuous real-time measurement of stability class in accordance with the NSW Industrial Noise Policy. The policy, however, describes how direct measurement of the temperature lapse rate can be accomplished, but does not require continuous real-time measurement of stability class. The NPM meteorological station software is not able to provide continuous real-time stability class data. | TBC. Liaise with Department of Planning to confirm the requirements | 30 April | AY |
| Ofi-6 | PA Schedule 4 38 | The Non-Mineral Waste Management Plan states that it is to be reviewed and updated annually. The current version (10) was last reviewed in 15 February 2012. | Non Mineral Waste Management Plan will be updated and submitted to relevant agencies. | 15 April | BR |
| Ofi-7 | PA Schedule 4 39 | The Rehabilitation Management Plan (s 3.1) lists public safety as a rehabilitation objective, however, it does not provide details on how public safety will be achieved after mine closure. | Rehabilitation Management Plan will be amended to the changes requested and submitted to the relevant government agencies. | 15 April | AY |
| Ofi-8 | PA Schedule 6 1 | The Environmental Management Strategy provides a strategic framework for the environmental management of the mine and includes the monitoring and measurement schedule. The current version of the plan (version 6, May 2014) has an out of date revision of the monitoring and measurement schedule. | Environmental Management Strategy will be amended to the changes requested and submitted to the relevant government agencies. | 15 April | BR |
| Ofi-9 | PA Schedule 6 8 | Sustainable development reports and some quarterly environmental monitoring summaries are published on the NPM website. The information published on the NPM website is not complete and maintenance of this part of the website could be substantially improved. | All documents on the NPM website will be reviewed and updated. | 30 April | Env Team |