

| # | Name of Management Plan | Latest Revision | WRC Timeframe | Gleeson response to timeframe | To be included in Management Plan | Comments |
|----|---|--|--|---|--|--|
| 1. | Site and Fill Management Plan (SFMP) | 27 June 2022 Rev08 | 20 days prior to accepting clean or managed fill to site (excluding overburden from quarry) | agreed | <ul style="list-style-type: none"> (a) Procedures to record the name and address of contractors dumping fill at the site; (b) The specific location of the fill placement areas including asbestos disposal; (c) Acceptance criteria for fill to be disposed on site (including sampling requirements); (d) A description of operational procedures and monitoring that will be implemented to prevent unauthorised material from entering the site; (e) A description of operational procedures and monitoring that will be implemented for the acceptance, handling and disposal of asbestos; (f) Contingency measures for containing and managing unacceptable waste; (g) Specific design details, construction and certification procedures to ensure long term stability of fill areas; (h) The testing regime to confirm that all material received on site complies with the acceptance criteria; (i) Description of stormwater management system (including design specification, location and management of all structures); (j) Procedures for improving and/or reviewing the SFMP; (k) Procedures for undertaking verification sampling of fill deposited across the active landfill areas if required by AUTH141283.04.01 (in the event stormwater discharge quality exceeds consented criteria) and by AUTH141283.03.01 (prior to closure of each fill site). (l) Procedures for fill Screening methods for the elemental composition by portable X-ray fluorescence as required by AUTH141283.03.01. | <p>s9.1of SFMP s9.1 of SFMP Table 6 SFMP & s9.3 (ref to SAP) S9.2 of SFMP S7.4 of SFMP – (ref to AsbFMP) S7.3 & S8 SFMP S5 SFMP</p> <p>S7 & s9 SFMP</p> <p>S5.6 SFMP</p> <p>S4.3 & s12 SFMP S9 SFMP</p> <p>S7.1 SFMP</p> |
| 2. | Erosion & Sediment Control Plans (ESCP) Southern Skies Environmental | FA3 Phase 1 ESCP 16 June 2022 Rev E FA2&FA4 ESCP 16 June 2022 Rev C | within three (3) months of the commencement of this consent or at least 20 working days prior to the proposed commencement of activities | Shorten to 10 working days to ensure works can commence quickly | <ul style="list-style-type: none"> (a) Details of all principles, procedures and practices that will be implemented to undertake erosion and sediment control to minimise the potential for sediment discharge from the site, including flocculation if required; (b) The design criteria and dimensions of all key erosion and sediment control structures; (c) A site plan of a suitable scale to identify: <ul style="list-style-type: none"> i) The location of waterways; ii) Any ‘no go’ and/or buffers areas to be maintained undisturbed adjacent to watercourses; iii) Areas of cut and fill; iv) All key erosion and sediment control structures; v) The boundaries and area of catchment contributing to all stormwater impoundment structures; vi) The locations of all specific discharge points to the environment; and vii) Any other relevant site information. (d) Construction timetable for the erosion and sediment control works; (e) Timetable and nature of progressive site rehabilitation and re-vegetation proposed; (f) Maintenance, monitoring and reporting procedures; | Check against ESCP |

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| | | | | | <ul style="list-style-type: none"> (g) Rainfall response and contingency measures including procedures to minimise adverse effects in the event of extreme rainfall events and/or failure of any key erosion and sediment control structures; (h) Procedures and timing for review and/or amendments of the E&SCP; and (i) Identification and contract details of personnel responsible for the operation and maintenance of all key erosion and sediment control structures. | |
| 3. | <p>Sampling & Analysis Plan (SAP)</p> <p>EHS Support</p> | June 2022 Rev 6 | 20 working days prior to the importation of managed fill to the site | | <ul style="list-style-type: none"> a) Provide methodology of how the conditions of this resource consent will be met. b) Include a plan that identifies the locations of water sampling points. c) Include a table of the contaminants the water samples will be tested for and the respective maximum concentration limits for each contaminant. d) Set out the water testing regime and sampling frequency. e) Identify process and timeline from collecting the samples through to laboratory analysis. f) Contingency measures in the event of water quality criteria exceedances. g) In the event of repeat water quality exceedances, procedure for quantifying the level of adverse ecological effect and delivering proportionate ecological compensation. h) Any other matter considered relevant. | |
| 4. | Chemical Treatment Management Plan (CTMP) | Not yet – Southern Skies to prepare | 20 working days prior to commencement of activities | | <ul style="list-style-type: none"> a) An analysis identifying which devices require flocculation, this analysis taking into account; <ul style="list-style-type: none"> i. The soil's reactivity to flocculants based on soil tests; ii. The size of the contributing catchment that the pond is treating; iii. The likely duration of the ponds use; b) Specific design details of the flocculation system; c) Monitoring (including pH and any other testing procedures), maintenance (including post storm) and including a record system; d) Details of optimum dosage (including assumptions); e) Results of any initial flocculation trial; f) A spill contingency plan; g) Contact details of the person responsible for the operation and maintenance of the flocculation h) Treatment system and the organisational structure to which this person shall report. | FA5 CTMP in Appendix 6.4 to application provides example of best practice CTMP |
| 5. | <p>Asbestos Fill Management Plan (AsbMP)</p> <p>PDP</p> | Jan 2020 Rev002 | 20 days prior to accepting asbestos containing materials | Accepted | <ul style="list-style-type: none"> a) No asbestos waste or asbestos contaminated fill material shall be disposed of within the top 10 metres of the final contours of the site. b) All asbestos waste shall be contained in double lined and sealed polythene or as otherwise detailed in the Asbestos Management Plan prior to acceptance at the site. c) All asbestos contaminated fill material shall be received in a covered truck or skip. d) A water cart shall be utilised to ensure that prior to disposal, loads containing asbestos contaminated fill material is dampened to avoid the discharge to air of asbestos fibres during handling. | Also Asbestos Air Monitoring Programme |

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| | | | | | <ul style="list-style-type: none"> e) The dampened asbestos water and/or asbestos contaminated fill material shall be deposited in to an excavated hole suitably large enough to contain the material and shall be capped immediately to a minimum depth of 1 metre using locally sourced fill material. f) Care shall be taken to ensure that the wrapping or containerisation of any received asbestos waste is not damaged during handling and disposal. g) A hand-held GPS system shall be utilised to log the location and level of the disposal area within the filling operation. h) h) A record shall be kept of the volume, location and level of all asbestos waste and/or asbestos contaminated fill material disposed of at the site and made available to Waikato Regional Council on request and reported on annually. | |
| 6. | Adaptive Management Plan (AMP) | Southern Skies To prepare | At least 20 working days prior to the commencement of filling | | <ul style="list-style-type: none"> a. Methodology to monitor and quantify the efficiency of sediment retention ponds. b. Methodology for monitoring of water quality and stream health at locations downstream of each sediment retention pond (and upstream where achievable) including as plan showing the monitoring locations. c. Trigger rainfall events of 15mm/hr and 25mm/24 hours for site monitoring (in addition to day to day erosion and sediment control device monitoring and maintenance). d. Monitoring and contingency response programme to be implemented in response to rainfall trigger events including response thresholds for turbidity (90% sediment retention pond efficiency), clarity (100mm) and pH (5.5 to 9.0). e. Realtime continuous Automated turbidity monitoring of the inflow and outflow of sediment retention ponds, and continuous automated monitoring of outflow discharge water volumes of sediment retention ponds. f. Method to calculate annual sediment yield discharged from the site. g. Trigger event-based recording of turbidity and pH. h. Trigger event-based sampling of inflows and outflows and analysis for turbidity, total suspended solids and pH. i. Event based inspection and sampling of the immediate receiving environment. j. Details of the person or bodies that will hold responsibility for the on-site implementation of the Adaptive Management Plan. k. Procedures and timeframes for reporting the monitoring results to the Waikato Regional Council. l. The monitoring programme will include details of how a correlation will be developed between measured turbidity and total suspended solids. The | |

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| | | | | | <p>monitoring programme will also detail how this correlation will be monitored and verified.</p> <p>m. Criteria for the discharge from the site which is consistent with the conditions of this resource consent, including trigger levels, as well as a management programme and mitigation/compensation actions which outlines the response if discharge criteria is exceeded.</p> <p>n. Quarterly biological monitoring of native fish and macroinvertebrate indicators at downstream sampling sites. This would determine if the stormwater management plan is effective and the correct trigger levels are used in the telemetered continuous monitoring programme.</p> | |
| 7. | Ecological Management Plan (EMP) Wildlands | May 2020 | Prior to the exercise of this consent | In accordance with the approved Ecological MP and Fish Management Plan/prior to exercise of this consent | <p>a) Timeframes for implementation of fencing and each area of planting, review and reporting requirements and the nature of proposed review and reporting requirements;</p> <p>b) Identification of appropriate methodologies and monitoring procedures to ensure all mitigation measures undertaken are effective;</p> <p>c) The planting and fencing proposed including the number of plants required;</p> <p>d) Provision for weed and/or pest control;</p> <p>e) A maintenance programme to ensure all the rehabilitated areas are maintained, including fencing from stock, weed and pest control, planting protection and replacement to ensure the revegetation and mitigation works are successful;</p> <p>f) A Fish Management Plan, including translocation plan;</p> <p>g) Within six months of commencement of activities under this consent, mechanism for covenanting of the mitigation area, including gully restoration of no less than 3.75 hectares;</p> <p>h) Within six months of commencement of activities under this consent, an enhancement and planting plan to progressively convert each sediment retention pond to permanent wetland on completion of each corresponding fill site.</p> <p>i) Advice on the value of the bond for remediation; and</p> <p>j) Monitoring requirements.</p> | Works nearly complete. Refer Appen 6.6.2 (Notification Pack) Ecological Mitigation & Monitoring Report by Envoco which details progress as at May 2022 |
| 8. | Fish Management Plan (FMP) Wildlands | June 2022 | | | Not yet reviewed by Council | See Appendix 6.7 of notification pack |

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| 9. | Dust Management Plan (DMP) PDP | Feb 2020 | 10 working days prior to the commencement of activities | Agreed | The maximum area of unstabilised exposed ground and fill across Fill Area 3 shall be no greater than 3 hectares at any one time (a) the following measures shall be implemented: (b) The use of water sprays to suppress dust from fill areas from access roads and from other disturbed land, on an as required basis; (c) The use of dust stabilisation systems (water, water plus additives or mulch); (d) The stabilisation of disturbed land which is currently not being worked; (e) The regrassing of completed surfaces; (f) The maintenance of all access routes; (g) The use of a truck wheel wash; and (h) Keeping the total area of exposed soil to a practicable minimum at all times. (i) In the event that monitoring of PM ₁₀ is required, the consent holder shall ensure that the concentrations of suspended particulate in ambient air arising from authorised activities at or beyond the boundary of the site does not exceed 80 µg/m ³ as a 24 hour average. | |
| 10. | Contaminated Site Management Plan (FA3) EHS Support | 1 Sept 2021 | | | | |
| 11. | Acid Sulphate Soils Management Plan EHS Support | June 2022 Rev1 | | | | |
| 12. | Rehabilitation Management Plan (RMP) | TBC | Within 3 months of commencement or 20 days prior to works | Within 6 months of commencement | (a) Identify existing landscape features and landforms to be retained within the site; (b) Identify the final (future) landform following - filling operations; (c) Contain an implementation strategy that clearly identifies the timing of all rehabilitation and restoration works within the quarrying and filling stage areas including; i) Identification and timing of progressive and closure rehabilitation works; | |

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| | | | on site, whichever is sooner | | <ul style="list-style-type: none"> ii) On-going management strategy for weed and pest control; iii) Procedures to be adopted in the handling and storage of topsoil, subsoil and overburden materials to ensure their continued viability for establishing pasture (or other identified vegetation cover). (d) The design and construction procedures; (e) Measures to avoid the over compaction of soils; (f) How sediment losses to natural water will be avoided; (g) Contingency and mitigation measures; and (h) Reporting and review procedures. (i) Achieving the minimum fill site cover and capping requirements as set out in the conditions of resource consent AUTH141283.03.01 | |
| | Management Plan Review | n/a | Every 5 years the consent is current | | The review shall assess whether management practices are resulting in compliance with the conditions of these consents, and whether the objectives of the Management Plans are being met through the actions and methods undertaken. The review shall result in amendments that are necessary to better achieve the objectives of the Management Plans. | |