

Minutes

Community Consultative Committee Meeting – Hanson Tweed Sand Plant

Date:	Friday 5 October 2018	
Location:	Hanson Tweed Sand Plant, Altona Rd (Off Crescent Street), Cudgen, NSW 2487	
Start Time:	09:05AM	
End Time:	10:10AM	
Present:	John Griffin (JG)	Chairperson
	Felicia Cecil (FC)	Community Member
	John McQueen (JM)	Hanson Tweed Sand Manager
	Phil Cole (PC)	Hanson Operations Manager Aggregates
	Murray Graham (MG)	Hanson Development Manager
	Michael Chan (MC)	Hanson Operations Support
	Rebecca Grisman (RG)	Hanson Communication & Community Engagement Coordinator
Apologies:	David Ross (DR)	Potential Community Member
	Karen Ross (KR)	Potential Community Member
	David Oxenham (DO)	Tweed Shire Council

Item	Discussion
1.0 Welcome	
1.1 <i>Introduction</i>	
1.2 <i>Apologies</i>	<ul style="list-style-type: none"> Community Consultative Committee (CCC) was advised of persons unable to attend meeting. Tweed Council - David Oxenham sent his apologies and indicated the presence of a council representative at next CCC meeting. David and Karen Ross are still to complete paperwork to join CCC. Rebecca Grisman to follow up with them and forward to John Griffin. Action: RG
2.0 Previous Meeting	
2.1 <i>Summary of previous minutes</i>	
2.2 <i>Business arising from previous minutes</i>	<ul style="list-style-type: none"> Nil comment from CCC regarding business arising from previous minutes dated 10 November 2017.
3.0 Business Update	
3.1 <i>Tweed Sand business update</i>	<ul style="list-style-type: none"> An order was received in January 2018 from the NSW Mines Department to review vessels on site referencing maritime regulations with specifics on hydrodynamic stability. A third party specialist (Oceanic) was engaged to assess the site's vessel. Reports indicated that the dredge did not meet required stability criteria. Modification works were recommended by engineers. NSW Mines Department provided Tweed Sand written permission to continue operating dredge, as long as hard controls were in place – minimum fuel loading, compulsory use of lifevests, and further engineering works to meet maritime requirements. Modification works will commence 18 October. Works will be completed by December 2018 to ensure a compliant vessel. Works will include the following: <ul style="list-style-type: none"> Stability pontoons New control room Ancillary items to improve confine spaced access and sound attenuation

Item	Discussion
3.2 <i>Notice of Modification</i>	<ul style="list-style-type: none"> • Notice of Modification (MOD1) submitted to NSW Department of Planning (DPE) in February 2017 to increase annual extraction limit from 2006 approval figure of 150,000m³ per annum, to 500,000 tonnes per annum. • This followed an exceedance of the 150,000m³ limit in 2015/2016, which resulted in DPE issuing Hanson with a penalty notice. • After protracted negotiations, DPE issued draft MOD1 consent conditions in April 2018, however Tweed Shire Councillors subsequently voted not to support the application. • As a result the application was referred to the NSW Independent Planning Commission (IPC) for determination, with IPC approving the MOD1 application on 20 August 2018. • Main changes compared to the previous approval: <ul style="list-style-type: none"> ○ Maximum 500,000 tonnes per annum of quarry products to be transported from site. ○ Maximum 10 loaded trucks per hour to leave site until: <ul style="list-style-type: none"> ▪ Altona Road is upgraded with two additional passing bays; ▪ A 200 metre acceleration lane is constructed northbound on Tweed Coast Road from the intersection with Crescent Street; ○ Following these roadworks, trucking can increase up to a maximum of 18 loaded trucks per hour. ○ Update of all management plans with written approval of plans from administering authority within 3 months. ○ More rigorous environmental monitoring, reporting and external audit conditions. ○ Inclusion of more reporting requirements to the community, eg. A copy of MOD1 consent, EPA licence, CCC minutes, reporting and management plans on Hanson website.
3.3 <i>Redevelopment DA – Cudgen Land</i>	<ul style="list-style-type: none"> • As presented in previous CCC meeting, there are plans to further develop Tweed Sand with the intention to remove heavy vehicle traffic from the current Altona Rd, Crescent St, Tweed Coast Rd route. • Significant infrastructure upgrades will be required to facilitate this. • This is obviously a long-term goal with extensive planning required from Hanson, local authorities, state bodies and Tweed community.
4.0 Reports / Operational Issues	
4.1 <i>2018 Independent Environmental Audit</i>	<ul style="list-style-type: none"> • The 2006 Consent conditions require an Independent Environmental Audit (IEA) to be completed every four years: • The last audit was completed in 2014. • The purpose of the IEA is to give an unbiased evaluation of the operation by an independent auditor. • The 2018 IEA was conducted by AECOM and provided to Hanson in July. The report evaluated: <ul style="list-style-type: none"> ○ The environmental performance of site and its effects on the surrounding environment. ○ Compliance with relevant standards, performance measures and statutory requirements (eg. Dust criteria, noise criteria, prescribed conditions of the development consent and environmental license). ○ Review adequacy of the site's environmental management strategy. ○ Recommendations to improve environmental performance on site. • The report found: <ul style="list-style-type: none"> ○ Tweed Sand is compliant with prescribed conditions set out by 2006 Development Consent and Environmental License. ○ One main source of potential environmental harm identified in 2014 audit was the fuel storage tanks located near lake. This has since been replaced with an Australian Standard self-bunded system. ○ There were several items lagged as non-conformances - the main ones were vehicle movement outside of operating hours, exceedances of loaded trucks leaving site and the

Item	Discussion
	<p>current Rehab and Landscape Management Plan.</p> <ul style="list-style-type: none"> • Details on non-conformances of vehicle movement outside of operating hours and exceedances of loaded trucks leaving site will be covered in Items 4.3 and 4.4. • Rehab and Landscape Management Plan is currently in process of being revised as part of the MOD1 conditions. Progressive rehab has also commenced by JWA Ecological.
<p>4.2</p>	<p><i>2017/2018 Annual Environmental Management Report</i></p> <ul style="list-style-type: none"> • The 2006 Consent conditions require an Annual Environmental Management Report (AEMR) to be completed annually. • Latest report for the period July 2017 to June 2018 was completed by Gilbert & Sutherland in September and submitted to DPE, Tweed Shire Council and EPA for review. • The purpose of AEMR is to provide an annual summary of: <ul style="list-style-type: none"> ○ Environmental performance of site. ○ Identification of non-compliance to statutory requirements. ○ Reporting of monitoring results. • The following monitoring results were discussed: <ul style="list-style-type: none"> ○ Surface water and groundwater <ul style="list-style-type: none"> ▪ Some monitoring results were outside recommended trigger levels. These were self-reported to the administering authority. ▪ No actions were taken as monitoring results were within historical range for water quality objectives at Tweed Sand. ○ Rehabilitation <ul style="list-style-type: none"> ▪ Progressive rehabilitation is ongoing, with plans to reduce presence of weed species. ▪ Rehabilitation work is currently underway by contractor JWA Ecological. ○ Air quality <ul style="list-style-type: none"> ▪ Dust monitoring conducted monthly and compliant. ○ Acid Sulphate Soil (ASS) <ul style="list-style-type: none"> ▪ No instances of ASS or potential ASS. ○ Noise Emissions <ul style="list-style-type: none"> ▪ Noise quality found to be marginally above prescribed conditions at closest sensitive receptor. ▪ Agreement signed with neighbour of closest sensitive receptor regarding business generating noise above limits. It should be noted that the noise criteria prescribed in conditions do not apply if the Applicant has an agreement with the relevant landowner to exceed the noise criteria, and the Applicant has advised the Department in writing of the terms of the agreement. ▪ As part of our corporate governance and social responsibility, Hanson is reducing noise from dredge regardless of agreement signed. ○ Vehicle movement <ul style="list-style-type: none"> ▪ Similar non-conformances flagged in IEA. This will be discussed in Items 4.3 and 4.4.
<p>4.3</p>	<p><i>Dec 2017 S119J Notice and Outcome</i></p> <ul style="list-style-type: none"> • DPE issued S119J Notice to Hanson Tweed Sand in December 2017; which are generally a precursor to possible prosecution. • Alleging 3 non-compliances with 2006 Consent conditions: <ul style="list-style-type: none"> ○ Exceedance of maximum 10 loaded trucks exiting site per hour <ul style="list-style-type: none"> ▪ The exceedance of 10 loaded trucks exiting site per hour was self-reported to the department, as Hanson records found instances of up to 13 loaded trucks leaving site per hour on several days. ○ Loader started at 06:40am, which is before prescribed commencement time of 7:00am <ul style="list-style-type: none"> ▪ Observed by DPE compliance officers.

Item	Discussion
	<ul style="list-style-type: none"> ○ Alleged exceedance of extraction limit 2016/2017 <ul style="list-style-type: none"> ▪ Due to differences in the tonne per cubic meter conversion factor of 1.9 used historically on site since 2006 and 1.49 that DPE now considered to be more appropriate. ● Hanson met with DPE regarding S119J in Sydney, January 2018. All supporting documents were submitted February 2018. ● On 29 August 2018, Hanson received notification: <ul style="list-style-type: none"> ○ Official caution – exceedance of trucks leaving site ○ Official caution – loader operating outside of prescribed operating hours ○ Warning letter – alleged exceedance of extraction limit (Note: the ambiguity as to what conversion factor should be used has now been addressed, since the MOD1 approval is now in tonnes).
4.4	<p><i>Loads per hour, Sat 7 July and automated control process</i></p> <ul style="list-style-type: none"> ● Solutions were explored to control the number of loaded trucks leaving site ● This was an action stemming from exceedance of 10 loaded trucks leaving site per hour ● An automated control process was implemented in July 2018 whereby the despatch system won't allow more than 10 trucks to be ticketed and leave site in any one hour period. ● Since implementation of this process, Tweed Sand has been compliant in August and September.
5.0	General Business
5.1	<p><i>Community Engagement – Hanson Young Driver Safety program</i></p> <ul style="list-style-type: none"> ● This program currently operates in two states (NSW and Qld) where Hanson is engaging with High School students about driver safety. ● The program promotes safe driving and interaction with heavy vehicles on the road. ● The program has had exceptional feedback from all parties, notably from Rivermount College at Yatala, where the school would like to champion the program due to the positive impact on the community. ● Hanson plans to expand the program into the Tweed Area, with two local schools (Kingscliff and Tweed River High School) expressing interest in participating.
5.2	<p><i>Other</i></p> <ul style="list-style-type: none"> ● Hanson plans to liaise with Tweed Shire Council officers regarding the conditioned upgrades to Altona Road and Tweed Coast Road. ● John Griffin will advise DPE regarding approval of additional community members to Tweed Sand CCC.
6.0	Close and Next Meeting
6.1	<p><i>Frequency of CCC meetings</i></p> <ul style="list-style-type: none"> ● 2 CCC meetings per year are generally required, although only one has been held this year. ● John Griffin will approach DPE seeking approval to holding just the one meeting this year, due to non-availability of CCC members and the difficulty of attracting additional community members.
6.2	<p><i>Date of next CCC meeting</i></p> <ul style="list-style-type: none"> ● 09:00 Friday 8 February 2019 at Hanson Tweed Sand Plant.