

Document: <b>Review Comment Summary and Resolution Sheet</b>				Date: March 21, 2016		<input type="checkbox"/> Interim 60%  <input type="checkbox"/> Interim 90%  <input checked="" type="checkbox"/> Final IDR
McIntyre River Culvert						
				A = Accept Comment - correct, add to, or clarify plans B = Dismiss Comment - no change required C = Clarify or Discuss and resolve prior to next design phase		
<b>Area: Foundations</b>		<b>Originator:</b>				
						<b>Final Disposition</b>
<b>Reviewer</b>	<b>Item Number</b>	<b>Sheet</b>	<b>Comments</b>	<b>Response</b>	<b>Code (A, B, C)</b>	<b>Date</b>
Golder	1	6	Consider revising "synthetic clay liner" to "geosynthetic clay liner" (also applies to Sheet 8).	Already corrected	B	21-Mar-16
Golder	2	6	Label for the gabion basket appears to point to the rip rap at the culvert outlet rather than the gabion basket wall itself.	Already corrected	B	21-Mar-16
Golder	3	6	Considering showing the culvert invert elevations.	We have opted to leave this as is. Invert elevations can be calculated by riverstone depth	B	21-Mar-16
Golder	4	6	Consider revising "underside of pavement" to "underside of asphalt".	This will be corrected if culver package re-submitted (Regional Delivery Occurred March 16)	B	21-Mar-16
Golder	5	6	Consider labelling assumed water level, which appears to be at Elev. 414.971 m as measured on July 16, 2014.	This will be corrected if culver package re-submitted (Regional Delivery Occurred March 16)	B	21-Mar-16
Golder	6	6	Side slope within the temporary diversion channel should be flattened to 3H:1V below the assumed water level.	The actual slope is 2H:1V. These slopes are for estimation purposes only, the contract has to ensure stability of all temporary excavations during culvert construction.	B	21-Mar-16
Golder	7	6	Applicable Standard Drawings - Revise OPSD 802.014 to OPSD 802.010. Our draft report will be similarly revised.	Already corrected	B	21-Mar-16
Golder	8	8	As indicated above, please consider relabeling as "geosynthetic clay liner"	Already corrected	B	21-Mar-16
Golder	9	8	GCL should extend to a depth of 1m below the scour level. Please confirm depth/elevation of scour level with hydraulics design engineer.	It does	B	21-Mar-16
Golder	10	8	West Cross-Section – Considering increasing thickness of sand to 300 mm to provide additional protection for the GCL.	100mm is fine for this application	B	21-Mar-16
Golder	11	9	General Comment - As the gabion walls were not included in the original GA, additional geotechnical analyses will be required. The gabion wall details will need to be reviewed after receiving our geotechnical recommendations (i.e. geotechnical axial resistances, global stability), which will be provided prior to submission of our final FIDR.	OK	A	21-Mar-16
Golder	12	9	Elevation – the label for the "minimum 300 mm Granular 'B' Type II" fill appears to be pointing the gabion wall rather than the fill material.	Already corrected	B	21-Mar-16
Golder	13	9	Construction Notes – The water level referred to in Note 1 is not shown on the drawing. Consider showing/labelling the assumed water level.	Already corrected	B	21-Mar-16