

	Gasoline Masterplan Project – Greenfield Supplier Document Cover Sheet						
Project Document No.:	235929-MG1668-CV-003-SUBC-000016						
VIVA DWG No.	NA						
Purchase Order / Subcontract No.:	235929-MG1668-CV-003						
Supplier / Subcontractor Name:	SYMAL INFRASTRUCTURE						
Document Title:	Bulk Earthworks - ITP						
Equipment / Tag No(s):	NA						
SDR Code(s):	E002						
Supplier / Subcontractor Document No.:	INF-HSEQ-ITP-002						
Supplier / Subcontractor Revision:	D						
Sub-Supplier:	NA						
Supplier's Revision Record							
D	06/12/2023	Issued For Review	Oliver Paul	Dillon Haire	Ari Birch		
C	30-11-2023	Issued For Review	Oliver Paul	Dillon Haire	Ari Birch		
B	01-11-2023	Issued For Review	Oliver Paul	Will Jeffers	Ari Birch		
A	13-10-2023	Issued For Review	Oliver Paul	Will Jeffers	Ari Birch		
Rev	Date	Issue State	By	Checked	Approved		
<p>SUPPLIER DOCUMENT REVIEW STATUS</p> <p><i>Purchaser's review of Supplier's documents does not relieve Supplier of the responsibility for correctness under the Purchase Order. Permission to proceed does not constitute acceptance of design, detail and calculations, test methods or materials developed or selected by the Supplier and does not relieve the Supplier from full compliance with the Purchase Order or any other obligations, nor detract from any of the Purchaser's rights.</i></p> <p style="text-align: center;"><u>Purchaser's Review Stamp</u></p> <div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%;"> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: center;"> Viva Energy GMP Project No. 235929 </div> <div style="text-align: center;">  </div> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;"> Engineering Review Status Code 1 - No Comments No comments. Supplier/Subcontractor may proceed with fabrication. </td> <td style="width: 50%; padding: 5px;"> By: claire.oreilly Date: December 11, 2023 </td> </tr> </table> <p style="font-size: small; margin-top: 5px;">These comments do not relieve the supplier of his responsibility to meet the requirements of the PO.</p> </div> <p><i>Should the Supplier consider that any comments made by the Purchaser change the Scope of Supply, the Supplier shall advise the price and delivery implications of such changes within five working days of receipt. The Supplier must not incorporate such changes without prior approval of the Purchaser of the revised price and/or delivery period. RETROSPECTIVE CLAIMS WILL NOT BE CONSIDERED.</i></p>						Engineering Review Status Code 1 - No Comments No comments. Supplier/Subcontractor may proceed with fabrication.	By: claire.oreilly Date: December 11, 2023
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The document consists of this front sheet plus 4 pages.							

Inspection and test plan – bulk earthworks

Project no. CC0398 Project name VIVA ULSG Date 13.10.2023 Approved by A Birch

ITP no. 2 Revision no. D Revision date 06.12.2023 Layer thickness

Plant and equipment used

Lot no. Location (chainages, detailed description or marked up plan) Works prior to footings / bulk backfill outside trench backfill

Attach Dockets, Certificates and QA Documents to ITP

Item no.	Activity	Ref docs	Acceptance criteria	Acceptance	Verify of acceptance by				Remarks / record (eg. test frequency, reports, certificates, checklist etc)
					Symal Infrastructure	Sign date	MDR/VIVA	Sign date	
1.0 Preliminaries									
1.1	Determine lot size		What is the lot size?	_____ m ²	S		S		
1.2	Survey set-out	235929 IFC Drawings	Has the work area been set out for line and level?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	S		S		IFC drawing number:----- Rev: -----
1.3	Excavation material classification	235929-000-CV-SP-00002	Has the material being excavated been inspected with category agreed upon by Superintendent and/or Superintendents Environmental Representative? Tick category below: <input type="checkbox"/> Common Fill (CF1) <input type="checkbox"/> Sand Fill (S1) <input type="checkbox"/> Structural Fill (SF1) <input type="checkbox"/> Topsoil (TS1) <input type="checkbox"/> Reuse of Site Won material <input type="checkbox"/> Rock <input type="checkbox"/> Contaminated Material	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	H		W		
1.4	Material Submission / Approval	235929-000-CV-SP-00002 Sec 11.1 Aggregate report	Has any imported material (to be used as permanent fill) been approved by MDR for usage on site.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	H		H		Material mix design <input type="checkbox"/>



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					Key	Sign date	Key	Sign date	
Is the area in cut / fill / both ? If in cut proceed to step 2.0 and strike out section 3.0. If in fill please strike out section 2.0 and proceed to section 3.0 If in both proceed to step 2.0 as well as section 3.0									
2.0 Bulk earthworks – cut									
2.1	Subgrade preparation		Has the area been excavated to top of earthworks layer. Note: Existing surface material is approximately 200-300mm of crushed rock. Is the surface evenly graded and free-draining.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	S		S		
2.2	Material Export / Stockpiling	SMP 20359156-211-R-Rev	Adherence to Soil Management Plan.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	S		S		
3.0 Bulk earthworks - fill									
3.1	Preparation of surface		Has surface been cleared of all loose material visible on surface.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	S		S		
3.2	Compaction Trial for Blended Material	235929-PE-WI-000009 - Backfill Specification	Is the material to be used for backfill blended material. <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A If No, go to item 3.3. Has the compaction trial been undertaken? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Did the compaction trial achieve the appropriate design backfill requirements of 70kPa? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Does MDR approve usage of site blended material for backfill purposes? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	H		W		MDR approval: ----- ---(correspondence reference number)



					Verify of acceptance by				Remarks / record (eg. test frequency, reports, certificates, checklist etc)
					Symal Infrastructure		MDR/VIVA		
Item no.	Activity	Ref docs	Acceptance criteria	Acceptance	Key	Sign date	Key	Sign date	
3.3	Fill Placement	235929-000-CV-SP-00002 Sec 12.2 235929 IFC Drawings	Has fill been placed in maximum 200mm compacted layer thickness?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	W		W		
3.4	Moisture		Has the material maintained at +/- 3% modified moisture content, with additional water being added if required during compaction?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	S		W		<input type="checkbox"/> Test reports
3.5	Compaction	235929-000-CV-SP-00002 Sec 13 & Sec 14.2	Has the layer been adequately compacted achieving a mean value of minimum 98% MDD? Density test to be completed on first backfill to verify procedure. Procedure assumed to be equal henceforth (Inspector may request additional test upon insufficient density or compaction).	<input type="checkbox"/> Small Foundations (1 test per foundation) <input type="checkbox"/> Large Foundation (larger than 10m2) minimum 3 tests per lift <input type="checkbox"/> Fill Areas minimum 2 tests per 185m2 but not less than 3 tests per area	H		W		<input type="checkbox"/> Test reports
3.6	Fill layer – test rolling	235929-000-CV-SP-00002 Sec 12	Does the layer withstand test rolling without visible deformation or springing? List Attendees:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A If 'no' please see below If 'yes' please proceed to Conformance Check	H		W		<input type="checkbox"/> Proof roll checklist [235929-MG1668-CV-003-SUBC-000053]
3.7	Identification of soft wet or unstable material		Has any soft or wet unsuitable material been found?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	W		S		
3.8	Treatment of unsuitable material	235929-000-CV-SP-00002 Sec 12.1 Symal Proof Roll Procedure Doc	Have any issues been determined? _____m (length) _____m (width)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	W		W		Proof Roll Checklist Dockets / Photos



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					Key	Sign date	Key	Sign date	
			Has the issue been rectified as per the earthworks specification? - Remove and replace with structural fill or lean mix concrete						
4.0 Conformance check									
4.1	Subgrade level and shape	235929 IFC Drawings	Has the prepared subgrade been surveyed in accordance with and verifying specified requirements? Final grade +/- 60mm	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	H		W		<input type="checkbox"/> As built report IFC drawing number:----- Rev: -----
Comments: _____ _____ _____									

Lot acceptance:

Symal Infrastructure representative name _____

MDR/VIVA representative name _____

Symal Infrastructure representative signature _____

MDR/VIVA representative signature _____

Inspection key: **W** – Witness, **H** – Hold Point, **S** - Surveillance