### SEQUENCE OF OPERATIONS

STEP 1
PROVIDE TEMPORARY CONSTRUCTION ENTRY/EXIST SHAKER PAD AND SILT STOP FERUNG ALONG BOUNDARY AS SHOWN, INSTALL STRAWBALE CHECK DAMS IN THE WATERCOURSE BELOW THE BRIDGE AS SHOWN, INSTALL STRAWBALE BARRIERS ON THE EASTERN SIDE OF THE WATERCOURSE ADJACENT TO THE BRIDGE AS SHOWN

STEP 2
CONSTRUCT CLEAN WATER DIVERSION DRAIN AT THE NORTHERN END OF THE
STRUCT SHOULE THE PROPOSED BATTER, DRAIN TO THE NEAREST SECTION OF THE

### $\underline{\mathsf{STEP}}\ \underline{\mathsf{4}}$ EXCAVATE FOR BULK EARTHWORKS AND REVEGETATE BATTERS

STEP 3

CONSTRUCT THE PROPOSED OSD, WATER QUALITY POND, SHREDDING AREA RUNDEF POND AND LANDSCAPING MOUND. THE PONDS WILL BE TEMPORARY SEDIMENT PONDS DURNG CONSTUCTION, UNTIL SITE IS STABILISED, AND THE MOUND WILL DIVERT DIRTY WATER TO THE PONDS

STEP 5 CONSTRUCT BUILDINGS, ROADS AND DRAINAGE LINES

### STEP 6 CONSTRUCT BRIDGE WORKS

<u>STEP 7</u> MANTAIN SOIL AND WATER MANAGEMENT FEATURES THROUGH OUT THE CONSTRUCTION PERIOD.

SIEP 8

DUST SUPPRESSION TO BE CONDUCTED THROUGHOUT CONSTRUCTION PHASE. A
WATER CART TO BE ON SITE AND AVAILABLE AT ALL TIMES, APPROX. 40,000
LITRES/DAY.

<u>STEP 9</u> CLEAR OUT ALL PIPEWORK PRIOR TO REMOVAL OF SOIL AND WATER MANAGEMENT DEVICES

 $\underline{\text{STEP 10}}$  (lear out osd basin and complete construction of basin infrastructure.

### STATEMENT OF SOIL MANAGEMENT

- ALL TOPSOIL IS TO BE STOCKPILED IN AREAS DESIGNATED ON PLAN.
- ALL FORMED EMBANKMENTS (CUT & FILL) ARE TO BE LANDSCAPED WITHIN 7 DAYS.
- ALL DISTUBBED AREAS, INCLUING ANY CONTROLLED FILL ARE TO BE TOSCOILED & SEEDED PRIOR TO COMPLETION OF WORKS, ALL DISTUBBED AREAS THAT MILL NOT BE STABILIZED WITHIN 2 MONTHS MUST BE TEMPORABILLY REVEGETATED WITHIN 7 DAYS OF CLEARING. AREAS THAT FAIL TO ESTABLISH MUST BE RESOWN IMMEDIATELY.
- ANY SEEDED AREAS WHICH FAIL TO GERMINATE OR WHERE GERMINATION IS SPARSE AFTER 21 DAYS FROM INITIAL SEEDING AREA MUST BE RESEEDED. THE GROUND SHALL BE TYNED / SCARIFIED TO A MIN DEPTH 100mm PRIOR TO SEEDING.
- FOR TEMPORARY REVEGETATION PURPOSES, THE REVEGETATION MIXTURE SHOULD INCLUDE THE FOLLOWING SPECIES FOR BOTH ALTHINA & SPRING SOWINGS DURATURE PARK BLEND WINGTH STEPHENSON SEAR MIXTHOROUGHBERD TURE TALL TESCUE (15Kg/na) UNFULLED COUCH (1/kg/na) PERENNAL RYEGRASS (37kg/na) CHEWINGS FESCUE (5kg/na) MULTIGROW / ENRICH FERTILIZER AT 500kg/na
- REVEGETATION AND STABILIZATION WILL NOT BE CONSIDERED SATISFACTORY UNLESS A MIN 71% GROUND COVER, AT LEAST 100mm HIGH IS ACHEVED OVER ALL DISTURBED AREAS
- ALL GULLY PITS ARE TO BE PROVIDED WITH SEDIMENT FILTER BARRIERS SUCH AS SANDBAGS OR FILTER SOCKS.
- TRENCHES FOR DRAINAGE LINES ARE TO BE REINSTATED WITH TOPSOIL FOLLOWING PIPE INSTALLATION & BACKFILLING & IMMEDIATELY SEEDED/FERTILIZED.
- DESIGNATED PLANT AND MACHINERY ACCESSWAYS TO BE DEFINED ONSITE BY THE INSTALLATION OF PARAWEBBING FENCING TO MINIMIZE UNNECESSARY SITE DISTURBANCE.

# MAINTENANCE PROCEDURES DURING CONSTRUCTION

SCOUR PROTECTION HEADWALL

Seelyes + rushes
planted in approil filled voids

- ALL EROSION CONTROL MEASURES ARE TO BE MAINTAINED AT ALL TIMES SO THAT THOSE MEASURES ARE FULLY FUNCTIONAL OPERATIONAL DURING THE CURRENCY OF WORKS.
  ALL SUCH CONTROLS MIST ALSO BE FULLY FUNCTIONAL O DEPRATIONAL SHOULD WORK OPERATIONS CEASE TEMPORARILY, (e.g. WEEKENDS, ROSTERED DAYS OFF, etc.)
- RESREAD MATERIAL GAINED DURING MAINTENANCE OPERATION OR ALTERNATIVELY PLACE ON STOCKPILES.

### SITE MANAGEMENT DETAILS

THE MAJORITY OF SITE MANAGEMENT DETAILS ARE SHOWN ON THE SOIL AND EROSION CONTROL MANAGEMENT PLAN. PLEASE NOTE:

- A) ACCESS TO THE SITE WILL BE VIA WYLLIE ROAD. ANY DAMAGE TO THIS ROADWAY IS TO BE RESTORED.
- CONSTRUCTION MACHINERY & MATERIALS ARE TO BE LOADED AND UNLOADED WITHIN THE SITE.

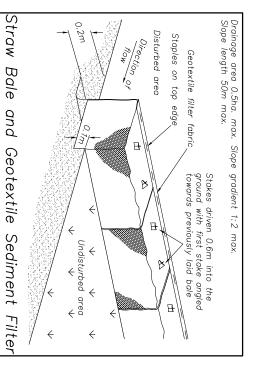
STORAGE AREAS ARE INDICATED ON THE SOIL & EROSION CONTROL PLAN.

D) SOIL AND EROSION CONTROL PLAN ALSO INDICATED THE PROPOSED EXIT CONTROL DEVISES.

## MATERIAL STORAGE VOLUMES

	Liquid Waste	Solvents	Libricants	Diesel	Petrol	Material		Material
10120	0	100	1,000	9,000	20	(litre)	Site	Volume Stored on
	N/A	5 x 20 litre drum	5 x 200 litre drum	On site tank bulk tank	20 Litre Drum		יאוכנווסמ טו טנטומ8כ	Method of Storage
	N/A	25	500	9,900	22	(litre)	Volume	Spill Tray
	N/A	Steel Tray	Steel Tray	Steel Tray	Steel Tray		Туре	Spill Tray
	N/A	Transtank T 20 SS	Transtank T 20 SS	Transtank T 20 SS	Transtank T 20 SS			Comments

Oils, Fuel and Solvents will be stored in a Transtank T 20 SS



NOT TO SCALE

Sediment Fence & Dirty Water Cut Off Drain

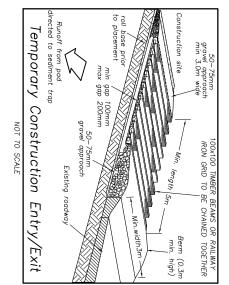
Typical Installation

(low flow)

Flow

Drainage area 0.6ha. max. Slope gradient 1:2 max. Slope length 60m max.

Geofabric embedded into ground



	/F~;;+			h3m	nin. high)	erm (0.3m	TOGETHER
NOT TO SCALE	Ottom Both Othor Day	Flow	Copposity	Allow sufficient spillw	Height 0.6m max. Spillway at least 0.15m below sides.	Drainage area 0.8ha max.	

INFRASTRUCTURE PROFESSIONALS			
K F VVo Pro CIVI			

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Height Datum AHD DENNIS SMITH

Date of Survey Drawn B. PURNELL

Date APRIL 2013 Designed W.MULLANY SOIL AND WATER MANAGEMENT DETAILS PROPOSED INDUSTRIAL DEVELOPMENT WYLLIE ROAD, KEMBLA GRANGE LOT 10 DP 878167 ISSUED FOR DA APPROVAL

KF110816

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