

INSPECTION & TEST PLAN

Item No.	ITEM	ACTIVITY TASK	ACCEPTANCE CRITERIA	FREQUENCY	Hold Point	CERTIFYING DOCUMENTATION, RECORD OR CHECKSHEET	VERIFICATION SIGN OFFS
							CRITICAL HOLD POINT AUTHORITY
	Pre-Construction Site Survey	Survey of Ex. Ground levels, boundary / Setout	As – Built data	Prior to commencing any works on site	W	N/A	Not Required
1.	EROSION AND SEDIMENT CONTROLS	Stripped Surface	Visual Inspection	Upon completion of surface stripping prior to further construction	W	N/A	Not Required
1.1	EROSION AND SEDIMENT CONTROLS	Construct clean water diversion bund	Visual Inspection	Upon completion of bund construction	W	As per approved EMP / Drawing no. – 13182-C06-A	Not Required
1.2	EROSION AND SEDIMENT CONTROLS	Construct Bund/Silt fence along stream	Visual Inspection	Upon completion of silt control install	W	As per approved EMP / Drawing no. – 13182-C06-A	Not Required
1.3	EROSION AND SEDIMENT CONTROLS	Construct DEB/Swale	Visual Inspection	Upon completion construction.	W	As per approved EMP / Drawing no. – 13182-C06-A	
1.4	Granular storage zone	Excavation	Visual Inspection	Upon completion of Excavation work	W	As per IFC Drawings	H
1.4.1	Granular storage zone	Construction of Pipe works	Visual Inspection / Drawing no. – 13182-C09/10-A 110mm slotted Novacoil, 150mm slotted pipe uppermost – 3mm wide slots @ 100mm C/C max, A29 geotextile or equivalent	Upon completion of each component installation (e.g. Geotextile, Pipe works)	H	As – Built data	H
1.4.2	Granular storage zone	Install M/H component and backfill	Visual Inspection / Drawing no. – 13182-C09/10-A 100mm Upstand and outlet, Control chamber & Sump – AS 3996-E400, 64/40 Drainage metal, clean and washed = 38% voids by volume	During and After completion	H	As – Built Data / Photos of backfilling material, Discharge control verification	H
2	EARTHWORKS	Strip topsoil and stockpile	Visual Inspection / Survey Stockpile volume	Upon completion of surface stripping prior to further construction	W	Survey data – Stoke pile volume	Not Required
2.1	EARTHWORKS	Cut to Waste	Visual Inspection / As – Built subgrade level / test - As per site specification or engineer's instruction Drawing no. – 13182-C01-A	Upon completion of cut to waste	H	As – Built data – Design Subgrade level / Dockets from approved landfill site Subgrade Verification	H
2.2	EARTHWORKS	Install Geocells	Visual Inspection / Geoweb or similar – as per manufacturers guide	Upon completion of installation	W	Photos of installation	Not Required
2.3	EARTHWORKS	Place topsoil over Geocells	Slop erosion protection with topsoil and planted pinned to slop 1V:2H / As-built final surface Drawing no. – 13182-C03/04-A	Upon completion of placing topsoil	W	As - Built Completed surface	Not Required

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2.4	EARTHWORKS	Construct aggregate Platform	Visual Inspection / As-built final surface / test - As per site specification or engineer's instruction Drawing no. – 13182-C03-A	Upon completion of construction of aggregate platform	W	As – Built final completed surface	Not Required
2.5	Rock Buttress	Cut to Subgrade level	Visual Inspection / As – Built subgrade level / test - As per site specification or engineer's instruction Drawing no. – 13182-C03/04-A	Upon completion of cut to subgrade prior to commencing further construction	H	As – Built data – Design Subgrade level / Dockets from approved landfill site Subgrade + Basecourse verification	H
2.5.1	Rock Buttress	Install Geotextile	Visual Inspection / AS410 Geocloth or similar Drawing no. – 13182-C03/04-A	Upon completion of placing geotextile	W	Photos of Installation	Not Required
2.5.2	Rock Buttress	Place Revetment	Visual Inspection / As Built Slop 1V:1H 800 – 1200mm boulders void infilled with sub 100mm metal Drawing no. – 13182-C03/04-A	During and After completion of installation Inspect / Oversee Initial Sections	W	As – Built final surface	H
3	INSTALL STEEL PILE	Delivery of piles on site	Visual Inspection 310UC137 & 310UC97	Upon delivery of material on site	H	Delivery dockets and tags	Not Required
3.1	INSTALL STEEL PILE	Setout piling locations	Visual Inspection Drawing No. – 24_089-0000-DRG-S21.01-C	Prior to pile installation	W	N/A	Not Required
3.2	INSTALL STEEL PILE	Driving piles	As per Drawing No. – 24_089-0000-DRG-S21.01-C & Geotech report. Refer to note as per drawing. – PDA testing & Case pile wave analysis program (CAPWAP).	During Pile installation	H	PDA test & CAPWAP results 2 X Piles – 1 for each pile depth before proceeding	Geotech. Engineer to review results prior commencing further construction.
3.3	INSTALL STEEL PILE	Cut pile to suit	As per Drawing No. – 24_089-0000-DRG-S21.01-C - Section B & Geotech report.	Upon completion of driving	W	As – Built data to confirm final heights	Not Required
4	RETAINING WALL	Excavate wall footprint	As per the design Dr. No. – 13182-C14-A	Upon completion of excavation	W	As – Built data – Design Subgrade level / Dockets from approved landfill site	Not Required
4.1	RETAINING WALL	Gravel levelling pad	GAP20 X 150mm pad under the Magnumstone extender(610mm) & base block Dr. No. – 13182-C14-A	Prior installation of Magnumstone block	W	Visual Inspection	Not Required

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4.2	RETAINING WALL	Install Magnumstone wall	As per the Dr. No. – 13182-C14-A Blocks infilled with GAP 40/60 metal Slop 1H:20V	During & upon completion of installation	W	Installation photos / Visual Inspection	Not Required
4.3	RETAINING WALL	Subsoil Drain	100mm Perforated drain, discharge to low point F2 AP20 Drainage fines to backfill	During & upon completion of installation	W	As – Built subsoil drain / visual inspection	Not Required
4.4	RETAINING WALL	Backfilling	Drainage metal 60/40	Upon completion of backfilling	W	Material delivery dockets / As – Built final surface	Not Required
5	As-Built Plans	Survey	Engineer to review and approve final As-built plans	Upon completion of the works	H	As-built plans	