

Site Waste Management Plan
Template for use on GD
Harries & Sons Ltd projects.

Site Waste Management Plan for Ashphalt Plant Facility, Llandarcy

Project information

Client	GD Harries		
Designer			
Principal contractor	GD Harries		
Document Producer	GD Harries (Civils)		
Project title	Ashphalt Plant Facility, Llandarcy		
Contract Number			
Project location			
Project value (£k)	£		2,600,000.00
Start date	Sep-22		
Completion date	Dec-22		
Project Type - Brief Description			
Construction of a new ashpdalt plant facility on an existing brown field site,			

Waste management project administration

Persons legally required to be identified (SWMP Regulations 2008 Section 6(1))			
	Position	Name	Contact Details
Client	General Manager	Nick Cleary	07812 079945, nickcleary@gdharries.co.uk
Principle Contractor	GD Harries		
Project Manager		Craig Thomas	07779 010940, craigthomas@gdharries.co.uk
Person responsible for maintaining the SWMP		Craig Thomas	07779 010940, craigthomas@gdharries.co.ukk
Design Coordinator		Craig Thomas	07779 010940, craigthomas@gdharries.co.uk

Declaration

The person in charge of the project and the principal contractor will take all reasonable steps to ensure that -	
(a) all waste from the site is dealt with in accordance with the waste duty of care in section 34 of the Environmental Protection Act 1990 and the Environmental Protection (Duty of Care) Regulations 1991; and	
(b) materials will be handled efficiently and waste managed appropriately	
Person in charge of project (Client)	
Signed:	
Print Name:	Nick Cleary
Organisation:	Sigma Roc
Position:	Business Manager
Date:	
Principal contractor	
Signed:	
Print Name:	Richard Morris
Organisation:	GD Harries
Position:	Project Manager
Date:	10/11/2022

Document control

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PRE-DESIGN AND DESIGN MEASURES

Site Activity / Sub-Contractor Workplace	Primary Waste Stream	Opportunities for waste reduction by design	Implemented (If not, why?)	Quantity of waste to be treated to reduce Haz classification (tonnes)	Reductions in waste quantity (tonnes)
Pre-design					
U1 material for off site disposal	Excavations	Remain on site as perimeter bunds or re-use in non structural fill		0.00	26000.00
Waste from RC concrete	Excess concrete	Use as fill		0.00	15.00
Existing concrete slab broken out	Excavations	Crush and re-use as fill on site		0.00	120.00
Septic tank sludge	Site offices	Use existing office set-up		80.00	80.00
Totals:				80.00	26215.00
Design					
Totals:				0.00	0.00
Total Both Phases:				80.00	26215.00

Anticipated Disposal Costs per tonne	
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PLANNED REUSE AND RECYCLING and Savings Estimate

Waste Category & Type	EWC Code	Source of waste	Re-used On Site	Re-used Off Site	Recycled On Site	Recycled Off Site	Recovered on site - use off site	Sent to Landfill Site for Disposal	legal requirements, e.g. exemptions
			(tonnes)	(tonnes)	(tonnes)	(tonnes)	(tonnes)	(tonnes)	
Inert Waste									
Concrete	17 01 01	Breaking existing slab	120.00	0.00	0.00	0.00	0.00	0.00	
Soil and stones other than those mentioned in 17 01 01	17 05 04	Excavations	2000.00	0.00	0.00	0.00	0.00	0.00	
Sub TOTAL			2120.00	0.00	0.00	0.00	0.00	0.00	
Non-hazardous waste									
Paper and cardboard packaging	15 01 01	Site deliveries				2.00		0.50	
Wood	17 02 01	Shutters, pallets, packaging	1.00	4.00		5.00	2.00		
Iron and steel	17 04 05	Rebar for RC structures				8.00			
Mixed municipal waste	20 03 01	Canteen, office				40.00			
Septic tank sludge	20 03 04	Site compound			80.00	0.00			
Sub TOTAL			1.00	4.00	80.00	55.00	2.00	0.50	
Hazardous waste									
Contaminated spoil	17 05 03		150.00						
Sub TOTAL			150.00	0.00	0.00	0.00	0.00	0.00	
TOTAL VOLUMES			2271.00	4.00	80.00	55.00	2.00	0.50	

Anticipated Disposal Costs per tonne	Input Cost Here
Inert	
Non- Hazardous	
Hazardous	

Anticipated Disposal Costs	(£s)
Inert	£0.00
Non Hazardous	£0.00
Hazardous	£0.00

Duty of care - Waste Management Contractor/Site Records

SECTION 1 - CARRIERS AND DISPOSAL SITES

Name of carrier or disposal site	Carriers Licence no.	Expiry date	Remarks (verification of site licence details)
Griffiths Waste	CBDU6001	06/05/2025	Licence details checked on NRW website
Geral D Harries &	CBDU4727	01/02/2025	Licence details checked on NRW website

SECTION 2 - WASTE LICENCES AND EXEMPTIONS

Activity	Licence/exemption details	Details of how licence/exemption conditions are met

Reconciliation

Quantities

Actual Quantities (weight)	Recycled	Landfilled
Planning	0.00	0.50
Actual	0.00	0.00

Cost Savings

Total Cost of Landfilled Waste	0.00
Estimated savings during design and pre-design	0.00
Estimated savings during operational phase	0.00
Estimated total savings made on the project	0.00

ACTUAL REUSE AND RECYCLING

Waste Category & Type	EWCode	Source of waste	Destination (TIP)	Carrier Used	Re-used On Site	Re-used Off Site	Recycled On Site	Recycled Off Site	Recovered on site - use off site	Landfill	Load Cost	Cost per tonne	Legal requirements, e.g. exemptions
					(tonnes)	(tonnes)	(tonnes)	(tonnes)	(tonnes)	(tonnes)	£	£	
Inert Waste													
												0.00	
												0.00	
												0.00	
												0.00	
												0.00	
												0.00	
												0.00	
												0.00	
												0.00	
												0.00	
												0.00	
												0.00	
Sub TOTAL					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Non-hazardous waste													
Septic tank sludge	20 03 04	Site facilities										0.00	
												0.00	
												0.00	
												0.00	
Sub TOTAL					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Hazardous waste													
												0.00	
												0.00	
												0.00	
Sub TOTAL					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Total Waste Landfilled	Weight (tons)	Cost (£)
Inert	0.00	0.00
Non- Hazardous	0.00	0.00
Hazardous	0.00	0.00
Total	0.00	0.00

Overall cost per tonne for disposal	0.00
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Total Waste Reused/Recycled	Weight (tons)
Inert	0.00

Conversion calculator (m3 to tons)	m3	tonnes
Aggregates – Natural coarse		0
Aggregates – Natural fine		0
Asbestos Cement - Sheetting: Flat fully compressed		0
Asbestos Cement - Sheetting: Flat wall board		0
Asphalt / Tarmacadam		0
Brickwork - High Density		0
Brickwork - Low Density		0
Concrete – Natural aggregates		0
Reinforced concrete – Natural aggregates		0

FINAL PROJECT DECLARATIONS

The project associated with this Site Waste Management Plan has taken all necessary measures to comply with the Site Waste Management Plan Regulations 2008 and Environmental Protection (Duty of Care) Regulations 1991. It has been regularly monitored and updated when required.	
Signed by:	
Organisation:	
Position:	
Date:	
Reasons for deviations from the plan.	
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Waste Stream Category and Description	Cat. Codes	Waste Stream Specific	EWC Code	Type	Comments
Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing	02	02 Series - Trees and Plant Wastes			
Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing	02 01	Plant-tissue waste	02 01 03	Non-Haz	Can be used for invasive species such as Japanese Knotweed and Indian Balasm
		Wastes from forestry	02 01 07	Non-Haz	Can be used for tree branch cuttings and the felling of trees/saplings
Wastes and wastes of liquid fuels (except edible oils, and those in chapters 05, 12 and 19)	13	13 Series - Fuel and Oil Wastes			
Waste hydraulic oils	13 01	Hydraulic oils, containing PCBs (1)	13 01 01*	Hazardous	
		Chlorinated emulsions	13 01 04*	Hazardous	
		Non-chlorinated emulsions	13 01 05*	Hazardous	
		Mineral-based chlorinated hydraulic oils	13 01 09*	Hazardous	
		Mineral based non-chlorinated hydraulic oils	13 01 10*	Hazardous	
		Synthetic hydraulic oils	13 01 11*	Hazardous	
		Readily biodegradable hydraulic oils	13 01 12*	Hazardous	
		Other hydraulic oils	13 01 13*	Hazardous	
Waste engine, gear and lubricating oils	13 02	Mineral-based chlorinated engine, gear and lubricating oils	13 02 04*	Hazardous	
		Mineral-based non-chlorinated engine, gear and lubricating oils	13 02 05*	Hazardous	
		Synthetic engine, gear and lubricating oils	13 02 06*	Hazardous	
		Readily biodegradable engine, gear and lubricating oils	13 02 07*	Hazardous	
		Other engine, gear and lubricating oils	13 02 08*	Hazardous	
Waste insulating and heat transmission oils	13 03	Insulating or heat transmission oils containing PCBs	13 03 01*	Hazardous	
		Mineral-based chlorinated insulating and heat transmission oils other than those mentioned in 13 03 01	13 03 06*	Hazardous	
		Mineral-based non-chlorinated insulating and heat transmission oils	13 03 07*	Hazardous	
		Synthetic insulating and heat transmission oils	13 03 08*	Hazardous	
		Readily biodegradable insulating and heat transmission oils	13 03 09*	Hazardous	
		Other insulating and heat transmission oils	13 03 10*	Hazardous	
Bilge oils	13 04	Bilge oils from inland navigation	13 04 01*	Hazardous	
		Bilge oils from jetty sewers	13 04 02*	Hazardous	
		Bilge oils from other navigation	13 04 03*	Hazardous	
Oil/water separator contents	13 05	Solids from grit chambers and oil/water separators	13 05 01*	Hazardous	
		Sludges from oil/water separators	13 05 02*	Hazardous	
		Interceptor sludges	13 05 03*	Hazardous	
		Oil from oil/water separators	13 05 06*	Hazardous	
		Oily water from oil/water separators	13 05 07*	Hazardous	
		Mixtures of wastes from grit chambers and oil/water separators	13 05 08*	Hazardous	
Wastes of liquid fuels	13 07	Fuel oil and diesel	13 07 01*	Hazardous	
		Petrol	13 07 02*	Hazardous	
		Other fuels (including mixtures)	13 07 03*	Hazardous	
Oil wastes not otherwise specified	13 08	Desalter sludges or emulsions	13 08 01*	Hazardous	
		Other emulsions	13 08 02*	Hazardous	
		Wastes not otherwise specified	13 08 99*	Hazardous	

Waste Stream Category and Description	Cat. Codes	Waste Stream Specific	EWIC Code	Type	Comments
Waste packaging; absorbents, wiping cloths, filter materials and protective clothing not otherwise specified	15	15 Series - Packaging			
Packaging (including separately collected municipal packaging waste)	15 01	Paper and cardboard packaging	15 01 01	Non-Haz	
		Plastic packaging	15 01 02	Non-Haz	
		Wooden packaging	15 01 03	Non-Haz	
		Metallic packaging	15 01 04	Non-Haz	
		Composite packaging	15 01 05	Non-Haz	
		Mixed packaging	15 01 06	Non-Haz	
		Glass packaging	15 01 07	Inert	
		Textile packaging	15 01 09	Non-Haz	
		Packaging containing residues of or contaminated by dangerous substances	15 01 10*	Hazardous	Use this code for spent sealent guns and resin tubes made from plastic
		Metallic packaging containing a dangerous solid porous matrix (for example asbestos), including empty pressure containers	15 01 11*	Hazardous	Use this code for spent aerosol cans, paint and cement filler tins
Absorbents, filter materials, wiping cloths and protective clothing	15 02	Absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances	15 02 02*	Hazardous	Use this code for spent fuel kits including granuales, gloves and overalls used to clean up fuel spills.
		Absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02	15 02 03	Non-Haz	
Waste Not Specified in List	16	16 Series - Other Waste (Pressure Gas and Batteries)			
Gases in pressure containers and discarded chemicals	16 05	Gases in pressure containers (including halons) containing dangerous substances	16 05 04*	Hazardous	
		Gases in pressure containers other than those mentioned in 16 05 04	16 05 05	Non-Haz	
Batteries and accumulators	16 06	Lead batteries	16 06 01*	Hazardous	
		Ni-Cd batteries	16 06 02*	Hazardous	
		Mercury-containing batteries	16 06 03*	Hazardous	
		Alkaline batteries (except 16 06 03)	16 06 04	Non-Haz	
		Other batteries and accumulators	16 06 05	Non-Haz	

Waste Stream Category and Description	Cat. Codes	Waste Stream Specific	EWC Code	Type	Comments
Construction and demolition wastes (including excavated soil from contaminated sites)	17	17 Series - Construction and Demolition Wastes			
Concrete, bricks, tiles and ceramics	17 01	Concrete	17 01 01	Inert	
		Bricks	17 01 02	Inert	
		Tiles and ceramics	17 01 03	Inert	
		Mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing dangerous substances	17 01 06*	Hazardous	
		Mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06	17 01 07	Non-Haz	
Wood, glass and plastic	17 02	Wood	17 02 01	Non-Haz	
		Glass	17 02 02	Inert	
		Plastic	17 02 03	Non-Haz	
		Glass, plastic and wood containing or contaminated with dangerous substances	17 02 04*	Hazardous	
Bituminous mixtures, coal tar and tarred products	17 03	Bituminous mixtures containing coal tar	17 03 01*	Hazardous	
		Bituminous mixtures other than those mentioned in 17 03 01	17 03 02	Non-Haz	
		Coal tar and tarred products	17 03 03*	Hazardous	
Metals (including their alloys)	17 04	Copper, bronze, brass	17 04 01	Non-Haz	
		Aluminium	17 04 02	Non-Haz	
		Lead	17 04 03	Non-Haz	
		Zinc	17 04 04	Non-Haz	
		Iron and steel	17 04 05	Non-Haz	
		Tin	17 04 06	Non-Haz	
		Mixed metals	17 04 07	Non-Haz	
		Metal waste contaminated with dangerous substances	17 04 09*	Hazardous	
		Cables containing oil, coal tar and other dangerous substances	17 04 10*	Hazardous	
		Cables other than those mentioned in 17 04 10	17 04 11	Non-Haz	
Soil (including excavated soil from contaminated sites), stones and dredging spoil	17 05	Soil and stones containing dangerous substances	17 05 03*	Hazardous	
		Soil and stones other than those mentioned in 17 05 03	17 05 04	Inert	Can be used for Rhizome contaminated soil (e.g. contaminated with knotweed spores). Needs to be specified on WTN along with EWC description Inert code only applies where material does not include topsoil and peat, where it does it will be classified non-hazardous
		Dredging spoil containing dangerous substances	17 05 05*	Hazardous	
		Dredging spoil other than those mentioned in 17 05 05	17 05 06	Non-Haz	
		Track ballast containing dangerous substances	17 05 07*	Hazardous	
		Track ballast other than those mentioned in 17 05 07	17 05 08	Non-Haz	
Insulation materials and asbestos-containing construction materials	17 06	Insulation materials containing asbestos	17 06 01*	Hazardous	
		Other insulation materials consisting of or containing dangerous substances	17 06 03*	Hazardous	
		Insulation materials other than those mentioned in 17 06 01 and 17 06 03	17 06 04	Non-Haz	
		Construction materials containing asbestos	17 06 05*	Non-Haz	
Gypsum-based construction material	17 08	Gypsum-based construction materials contaminated with dangerous substances	17 08 01*	Hazardous	
		Gypsum-based construction materials other than those mentioned in 17 08 01	17 08 02	Non-Haz	
Other construction and demolition wastes	17 09	Construction and demolition wastes containing mercury	17 09 01*	Hazardous	
		Construction and demolition wastes containing PCB (for example PCB-containing sealants, PCB-containing resin-based floorings, PCB-containing sealed glazing units, PCB-containing capacitors)	17 09 02*	Hazardous	
		Other construction and demolition wastes (including mixed wastes) containing dangerous substances	17 09 03*	Hazardous	

Waste Stream Category and Description	Cat. Codes	Waste Stream Specfic	EWC Code	Type	Comments
		Mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	17 09 04	Non-Haz	Can be used for mixed waste on site instead of a 20 series code

Waste Stream Category and Description	Cat. Codes	Waste Stream Specific	EWC Code	Type	Comments
Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions	20	20 Series - Household Waste			
Separately collected fractions (except 15 01)	20 01	Paper and cardboard	20 01 01	Non-Haz	
		Glass	20 01 02	Inert	
		Biodegradable kitchen and canteen waste	20 01 08	Non-Haz	
		Clothes	20 01 10	Non-Haz	
		Textiles	20 01 11	Non-Haz	
		Solvents	20 01 13*	Hazardous	
		Acids	20 01 14*	Hazardous	
		Alkalines	20 01 15*	Hazardous	
		Photochemicals	20 01 17*	Hazardous	
		Pesticides	20 01 19*	Hazardous	
		Fluorescent tubes and other mercury-containing waste	20 01 21*	Hazardous	
		Discarded equipment containing chlorofluorocarbons	20 01 23*	Hazardous	
		Edible oil and fat	20 01 25	Non-Haz	
		Oil and fat other than those mentioned in 20 01 25	20 01 26*	Hazardous	
		Paint, inks, adhesives and resins containing dangerous substances	20 01 27*	Hazardous	
		Paint, inks, adhesives and resins other than those mentioned in 20 01 27	20 01 28	Non-Haz	
		Detergents containing dangerous substances	20 01 29*	Hazardous	
		Detergents other than those mentioned in 20 01 29	20 01 30	Non-Haz	
		Cytotoxic and cytostatic medicines	20 01 31*	Hazardous	
		Medicines other than those mentioned in 20 01 31	20 01 32	Non-Haz	
		Batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries	20 01 33*	Hazardous	
		Batteries and accumulators other than those mentioned in 20 01 33	20 01 34	Non-Haz	
		Discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components (6)	20 01 35*	Hazardous	
		Discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35	20 01 36	Non-Haz	
		Wood containing dangerous substances	20 01 37*	Hazardous	
		Wood other than that mentioned in 20 01 37	20 01 38	Non-Haz	
		Plastics	20 01 39	Non-Haz	
		Metals	20 01 40	Non-Haz	
		Wastes from chimney sweeping	20 01 41	Non-Haz	
		Other fractions not otherwise specified	20 01 99	Non-Haz	
Garden and park wastes (including cemetery waste)	20 02	Biodegradable waste	20 02 01	Non-Haz	
		Soil and stones	20 02 02	Inert	Inert code only applies where material does not contain topsoil or peat, where it does it will be classified non-hazardous
		Other non-biodegradable wastes	20 02 03	Non-Haz	
Other municipal wastes	20 03	Mixed municipal waste	20 03 01	Non-Haz	
		Waste from markets	20 03 02	Non-Haz	
		Street-cleaning residues	20 03 03	Non-Haz	
		Septic tank sludge	20 03 04	Non-Haz	
		Waste from sewage cleaning	20 03 06	Non-Haz	
		Bulky waste	20 03 07	Non-Haz	
		Municipal wastes not otherwise specified	20 03 99	Non-Haz	