193433/EWC EWC Justification Table					
EWC code	**Composition & Production Process**	**Treatment**	**Output/s**	**Residual output**	**Likely Contaminants of Concern**
Area 1 - Non-hazardous soil processing					
01 01 01 (Wastes from mineral excavation)	Wastes from mineral metalliferous excavation	Manual and mechanical sorting, separation, crushing and blending of waste in line with SR2010No12. Depending on particle size distribution, it will be washed.	**Crushing and screening output:** -Crushed/soil aggregate (<50mm) to Highways Specification standard and/or purchaser specification -Non-mineral items (metals, plastics, pipework, wood) **Soil Wash Plant output:** -Silts/clay (<0.63mm) -Sand (>0.63mm and <5mm) -10mm aggregate (>5mm, <10mm) -20mm aggregate (>10mm, <20mm) -40mm aggregate (>20mm, <40mm) -Non-mineral items (metals, plastics, pipework, wood)	Testing of each mineral fraction output to determine suitability. Transfer of oversize to crusher. Transfer of non-mineral items to skip for off-site disposal.	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Naturally occurring contaminants such as metals. Cross contamination from mineral extraction processes.
01 01 02 (Wastes from mineral excavation)	Waste from non-metalliferous excavation	Manual and mechanical sorting, separation, crushing and blending of waste in line with SR2010No12. Depending on particle size distribution, it will be washed.	**Crushing and screening output:** -Crushed/soil aggregate (<50mm) to Highways Specification standard and/or purchaser specification -Non-mineral items (metals, plastics, pipework, wood) **Soil Wash Plant output:** -Silts/clay (<0.63mm) -Sand (>0.63mm and <5mm) -10mm aggregate (>5mm, <10mm) -20mm aggregate (>10mm, <20mm) -40mm aggregate (>20mm, <40mm) -Non-mineral items (metals, plastics, pipework, wood)	Testing of each mineral fraction output to determine suitability. Transfer of oversize to crusher. Transfer of non-mineral items to skip for off-site disposal.	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Naturally occurring contaminants such as metals. Cross contamination from mineral extraction processes.
01 04 08 (Wastes from physical and chemical processing of non-metalliferous minerals)	Waste gravel and crushed rocks other than those mentioned in 01 04 07	Manual and mechanical sorting, separation, crushing and blending of waste in line with SR2010No12. Depending on particle size distribution, it will be washed.	**Crushing and screening output:** -Crushed/soil aggregate (<50mm) to Highways Specification standard and/or purchaser specification -Non-mineral items (metals, plastics, pipework, wood) **Soil Wash Plant output:** -Silts/clay (<0.63mm) -Sand (>0.63mm and <5mm) -10mm aggregate (>5mm, <10mm) -20mm aggregate (>10mm, <20mm) -40mm aggregate (>20mm, <40mm) -Non-mineral items (metals, plastics, pipework, wood)	Mineral fraction tested to determine suitabiliy	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Organic and inorganic contamination.
01 04 09 (Waste sand and clays)	Sand and clay	Manual and mechanical sorting, separation, crushing and blending of waste in line with SR2010No12. Depending on particle size distribution, it will be washed.	**Crushing and screening output:** -Crushed/soil aggregate (<50mm) to Highways Specification standard and/or purchaser specification -Non-mineral items (metals, plastics, pipework, wood) **Soil Wash Plant output:** -Silts/clay (<0.63mm) -Sand (>0.63mm and <5mm) -10mm aggregate (>5mm, <10mm) -20mm aggregate (>10mm, <20mm)	Testing of each mineral fraction output to determine suitability. Transfer of oversize to crusher. Transfer of non-mineral items to skip for off-site disposal.	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Organic and inorganic contamination.

EWC code	Composition & Production Process	Treatment	Output/s	Residual output	Likely Contaminants of Concern
			-40mm aggregate (>20mm, <40mm) -Non-mineral items (metals, plastics, pipework, wood)		
02 02 02	Shellfish shells only (no soft tissue of flesh)	Manual and mechanical sorting, separation, crushing and blending of waste in line with SR2010No12. Depending on particle size distribution, it will be washed.	**Crushing and screening output:** -Crushed/soil aggregate (<50mm) to Highways Specification standard and/or purchaser specification -Non-mineral items (metals, plastics, pipework, wood) **Soil Wash Plant output:** -Silts/clay (<0.63mm) -Sand (>0.63mm and <5mm) -10mm aggregate (>5mm, <10mm) -20mm aggregate (>10mm, <20mm) -40mm aggregate (>20mm, <40mm) -Non-mineral items (metals, plastics, pipework, wood)	Mineral fraction tested to determine suitabiliy	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Organic and inorganic contamination. Putrescible waste from incidental soft tissue/flesh of shellfish.
10 01 01	Bottom ash and slag only	Manual and mechanical sorting, separation, crushing and blending of waste in line with SR2010No12. Depending on particle size distribution, it will be washed.	**Crushing and screening output:** -Crushed/soil aggregate (<50mm) to Highways Specification standard and/or purchaser specification -Non-mineral items (metals, plastics, pipework, wood) **Soil Wash Plant output:** -Silts/clay (<0.63mm) -Sand (>0.63mm and <5mm) -10mm aggregate (>5mm, <10mm) -20mm aggregate (>10mm, <20mm) -40mm aggregate (>20mm, <40mm) -Non-mineral items (metals, plastics, pipework, wood)	Mineral fraction tested to determine suitabiliy	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Organic and inorganic contamination.
10 01 02	Pulverised fuel ash only	Manual and mechanical sorting, separation, crushing and blending of waste in line with SR2010No12. Depending on particle size distribution, it will be washed.	**Crushing and screening output:** -Crushed/soil aggregate (<50mm) to Highways Specification standard and/or purchaser specification -Non-mineral items (metals, plastics, pipework, wood) **Soil Wash Plant output:** -Silts/clay (<0.63mm) -Sand (>0.63mm and <5mm) -10mm aggregate (>5mm, <10mm) -20mm aggregate (>10mm, <20mm) -40mm aggregate (>20mm, <40mm) -Non-mineral items (metals, plastics, pipework, wood)	Mineral fraction tested to determine suitabiliy	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Organic and inorganic contamination.

EWC code	Composition & Production Process	Treatment	Output/s	Residual output	Likely Contaminants of Concern
10 01 15	Bottom ash and slag only from co-incineration other than those mentioned in 10 01 14	Manual and mechanical sorting, separation, crushing and blending of waste in line with SR2010No12. Depending on particle size distribution, it will be washed.	**Crushing and screening output:** -Crushed/soil aggregate (<50mm) to Highways Specification standard and/or purchaser specification -Non-mineral items (metals, plastics, pipework, wood) **Soil Wash Plant output:** -Silts/clay (<0.63mm) -Sand (>0.63mm and <5mm) -10mm aggregate (>5mm, <10mm) -20mm aggregate (>10mm, <20mm) -40mm aggregate (>20mm, <40mm) -Non-mineral items (metals, plastics, pipework, wood)	Mineral fraction tested to determine suitabiliy	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics.
10 12 08 Wastes from casting of non-ferrous pieces	Waste ceramics, bricks, tiles and construction products after thermal processing	Manual and mechanical sorting, separation, crushing and blending of waste in line with SR2010No12. Depending on particle size distribution, it will be washed.	**Crushing and screening output:** -Crushed/soil aggregate (<50mm) to Highways Specification standard and/or purchaser specification -Non-mineral items (metals, plastics, pipework, wood) **Soil Wash Plant output:** -Silts/clay (<0.63mm) -Sand (>0.63mm and <5mm) -10mm aggregate (>5mm, <10mm) -20mm aggregate (>10mm, <20mm) -40mm aggregate (>20mm, <40mm) -Non-mineral items (metals, plastics, pipework, wood)	Mineral fraction tested to determine suitabiliy	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics.
10 13 14 (Waste concrete only)	Concrete from cement, lime and plaster manufacturing.	Manual and mechanical sorting, separation, crushing and blending of waste in line with SR2010No12. Depending on particle size distribution, it will be washed.	**Crushing and screening output:** -Crushed/soil aggregate (<50mm) to Highways Specification standard and/or purchaser specification -Non-mineral items (metals, plastics, pipework, wood) **Soil Wash Plant output:** -Silts/clay (<0.63mm) -Sand (>0.63mm and <5mm) -10mm aggregate (>5mm, <10mm) -20mm aggregate (>10mm, <20mm) -40mm aggregate (>20mm, <40mm) -Non-mineral items (metals, plastics, pipework, wood)	Mineral fraction tested to determine suitabiliy	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Organic and inorganic contamination.
15 01 07 (Glass packaging)	Glass packaging from municipal waste	Manual and mechanical sorting, separation, crushing and blending of waste in line with SR2010No12. Depending on particle size distribution, it will be washed.	**Crushing and screening output:** -Crushed/soil aggregate (<50mm) to Highways Specification standard and/or purchaser specification -Non-mineral items (metals, plastics, pipework, wood) **Soil Wash Plant output:** -Silts/clay (<0.63mm) -Sand (>0.63mm and <5mm) -10mm aggregate (>5mm, <10mm) -20mm aggregate (>10mm, <20mm) -40mm aggregate (>20mm, <40mm) -Non-mineral items (metals, plastics, pipework, wood)	Mineral fraction tested to determine suitabiliy	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics.

EWC code	Composition & Production Process	Treatment	Output/s	Residual output	Likely Contaminants of Concern
17 01 01 (Concrete)	Concrete from construction and demolition activities.	Manual and mechanical sorting, separation, crushing and blending of waste in line with SR2010No12. Dependent on quality, it will be washed. Most likely dry crushed/screened to produce a recovered aggregate product.	**Crushing and screening output:** -Crushed/soil aggregate (<50mm) to Highways Specification standard and/or purchaser specification -Non-mineral items (metals, plastics, pipework, wood) **Soil Wash Plant output:** -Silts/clay (<0.63mm) -Sand (>0.63mm and <5mm) -10mm aggregate (>5mm, <10mm) -20mm aggregate (>10mm, <20mm) -40mm aggregate (>20mm, <40mm) -Non-mineral items (metals, plastics, pipework, wood)	Mineral fraction tested to determine suitabiliy	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics.
17 01 02 (Bricks)	Brick from construction and demolition activities.	Manual and mechanical sorting, separation, crushing and blending of waste in line with SR2010No12. Dependent on quality, it will be washed. Most likely dry crushed/screened to produce a recovered aggregate product.	**Crushing and screening output:** -Crushed/soil aggregate (<50mm) to Highways Specification standard and/or purchaser specification -Non-mineral items (metals, plastics, pipework, wood) **Soil Wash Plant output:** -Silts/clay (<0.63mm) -Sand (>0.63mm and <5mm) -10mm aggregate (>5mm, <10mm) -20mm aggregate (>10mm, <20mm) -40mm aggregate (>20mm, <40mm) -Non-mineral items (metals, plastics, pipework, wood)	Mineral fraction tested to determine suitabiliy	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Organic and inorganic contamination.
17 01 03 (Tiles and ceramics)	Tiles and ceramics from construction and demolition activities.	Manual and mechanical sorting, separation, crushing and blending of waste in line with SR2010No12. Dependent on quality, it will be washed. Most likely dry crushed/screened to produce a recovered aggregate product.	**Crushing and screening output:** -Crushed/soil aggregate (<50mm) to Highways Specification standard and/or purchaser specification -Non-mineral items (metals, plastics, pipework, wood) **Soil Wash Plant output:** -Silts/clay (<0.63mm) -Sand (>0.63mm and <5mm) -10mm aggregate (>5mm, <10mm) -20mm aggregate (>10mm, <20mm) -40mm aggregate (>20mm, <40mm) -Non-mineral items (metals, plastics, pipework, wood)	Mineral fraction tested to determine suitabiliy	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Organic and inorganic contamination.
17 01 07 (Mixtures of concrete, brick, tiles and ceramics)	Mixed waste from construction and demolition activities.	Manual and mechanical sorting, separation, crushing and blending of waste in line with SR2010No12. Dependent on quality, it will be washed. Most likely dry crushed/screened to produce a recovered aggregate product.	**Crushing and screening output:** -Crushed/soil aggregate (<50mm) to Highways Specification standard and/or purchaser specification -Non-mineral items (metals, plastics, pipework, wood) **Soil Wash Plant output:** -Silts/clay (<0.63mm) -Sand (>0.63mm and <5mm) -10mm aggregate (>5mm, <10mm) -20mm aggregate (>10mm, <20mm) -40mm aggregate (>20mm, <40mm) -Non-mineral items (metals, plastics, pipework, wood)	Mineral fraction tested to determine suitabiliy	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Organic and inorganic contamination.

EWC code	Composition & Production Process	Treatment	Output/s	Residual output	Likely Contaminants of Concern
17 02 02 (Glass)	Glass from construction and demolition activities.	Manual and mechanical sorting, separation, crushing and blending of waste in line with SR2010No12. Depending on particle size distribution, it will be washed.	**Crushing and screening output:** -Crushed/soil aggregate (<50mm) to Highways Specification standard and/or purchaser specification -Non-mineral items (metals, plastics, pipework, wood) **Soil Wash Plant output:** -Silts/clay (<0.63mm) -Sand (>0.63mm and <5mm) -10mm aggregate (>5mm, <10mm) -20mm aggregate (>10mm, <20mm) -40mm aggregate (>20mm, <40mm) -Non-mineral items (metals, plastics, pipework, wood)	Mineral fraction tested to determine suitabiliy	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Organic and inorganic contamination.
17 03 02 (Bituminous mixtures)	Bituminous mixtures from construction and demolition activities.	Manual and mechanical sorting, separation, crushing and blending of waste in line with SR2010No12.	**Crushing and screening output:** -Crushed/soil aggregate (<50mm) -Non-mineral items (metals, plastics, pipework, wood)	Mineral fraction tested to determine suitabiliy	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics.
17 05 04 (Soil and stones)	Stone and silts from construction activities (Made Ground).	Manual and mechanical sorting, separation, crushing and blending of waste in line with SR2010No12. Depending on particle size distribution, it will be washed.	**Crushing and screening output:** -Crushed/soil aggregate (<50mm) -Non-mineral items (metals, plastics, pipework, wood) **Soil Wash Plant output:** -Silts/clay (<0.63mm) -Sand (>0.63mm and <5mm) -10mm aggregate (>5mm, <10mm) -20mm aggregate (>10mm, <20mm) -40mm aggregate (>20mm, <40mm) -Non-mineral items (metals, plastics, pipework, wood)	Testing of each mineral fraction output to determine suitability. Transfer of oversize to crusher. Transfer of non-mineral items to skip for off-site disposal.	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Organic and inorganic contamination.
17 05 06 (Dredging spoil (other than those mentioned in 17 05 05))	Stone and silts from construction activities.	Manual and mechanical sorting, separation, crushing and blending of waste in line with SR2010No12. Depending on particle size distribution, it will be washed.	**Crushing and screening output:** -Crushed/soil aggregate (<50mm) to Highways Specification standard and/or purchaser specification -Non-mineral items (metals, plastics, pipework, wood) **Soil Wash Plant output:** -Silts/clay (<0.63mm) -Sand (>0.63mm and <5mm) -10mm aggregate (>5mm, <10mm) -20mm aggregate (>10mm, <20mm) -40mm aggregate (>20mm, <40mm) -Non-mineral items (metals, plastics, pipework, wood)	Mineral fraction tested to determine suitabiliy	Foreign (non-mineral) items including, but not limited to, timber, metals & plastics. Organic and inorganic contamination.

EWC code	Composition & Production Process	Treatment	Output/s	Residual output	Likely Contaminants of Concern
17 05 08 (Track ballast)	Soil, stones and fragments of demolition/construction materials	Manual and mechanical sorting, separation, crushing and blending of waste in line with SR2010No12. Depending on particle size distribution, it will be washed.	**Crushing and screening output:** -Crushed/soil aggregate (<50mm) to Highways Specification standard and/or purchaser specification -Non-mineral items (metals, plastics, pipework, wood) **Soil Wash Plant output:** -Silts/clay (<0.63mm) -Sand (>0.63mm and <5mm) -10mm aggregate (>5mm, <10mm) -20mm aggregate (>10mm, <20mm) -40mm aggregate (>20mm, <40mm) -Non-mineral items (metals, plastics, pipework, wood)	Testing of each mineral fraction output to determine suitability. Transfer of oversize to crusher. Transfer of non-mineral items to skip for off-site disposal.	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics.
19 08 02	Washed sewage grit (waste from de-sanding) free from sewage contamination only	Manual and mechanical sorting, separation, crushing and blending of waste in line with SR2010No12. Depending on particle size distribution, it will be washed.	**Crushing and screening output:** -Crushed/soil aggregate (<50mm) to Highways Specification standard and/or purchaser specification -Non-mineral items (metals, plastics, pipework, wood) **Soil Wash Plant output:** -Silts/clay (<0.63mm) -Sand (>0.63mm and <5mm) -10mm aggregate (>5mm, <10mm) -20mm aggregate (>10mm, <20mm) -40mm aggregate (>20mm, <40mm) -Non-mineral items (metals, plastics, pipework, wood)	Testing of each mineral fraction output to determine suitability. Transfer of oversize to crusher. Transfer of non-mineral items to skip for off-site disposal.	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Organic and inorganic contamination.
19 08 99	Stone filter media (if free from sewage contamination) only	Manual and mechanical sorting, separation, crushing and blending of waste in line with SR2010No12. Depending on particle size distribution, it will be washed.	**Crushing and screening output:** -Crushed/soil aggregate (<50mm) to Highways Specification standard and/or purchaser specification -Non-mineral items (metals, plastics, pipework, wood) **Soil Wash Plant output:** -Silts/clay (<0.63mm) -Sand (>0.63mm and <5mm) -10mm aggregate (>5mm, <10mm) -20mm aggregate (>10mm, <20mm) -40mm aggregate (>20mm, <40mm) -Non-mineral items (metals, plastics, pipework, wood)	Testing of each mineral fraction output to determine suitability. Transfer of oversize to crusher. Transfer of non-mineral items to skip for off-site disposal.	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Organic and inorganic contamination.
19 12 05	Clean crushed glass only	Manual and mechanical sorting, separation, crushing and blending of waste in line with SR2010No12. Depending on particle size distribution, it will be washed.	**Crushing and screening output:** -Crushed/soil aggregate (<50mm) to Highways Specification standard and/or purchaser specification -Non-mineral items (metals, plastics, pipework, wood) **Soil Wash Plant output:** -Silts/clay (<0.63mm) -Sand (>0.63mm and <5mm) -10mm aggregate (>5mm, <10mm) -20mm aggregate (>10mm, <20mm) -40mm aggregate (>20mm, <40mm) -Non-mineral items (metals, plastics, pipework, wood)	Mineral fraction tested to determine suitabiliy	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics.

EWC code	Composition & Production Process	Treatment	Output/s	Residual output	Likely Contaminants of Concern
19 12 09	Minerals (for example sand and stones) Oversize from other areas of facility	Manual and mechanical sorting, separation, crushing and blending of waste in line with SR2010No12. Depending on particle size distribution, it will be washed.	**Crushing and screening output:** -Crushed/soil aggregate (<50mm) to Highways Specification standard and/or purchaser specification -Non-mineral items (metals, plastics, pipework, wood) **Soil Wash Plant output:** -Silts/clay (<0.63mm) -Sand (>0.63mm and <5mm) -10mm aggregate (>5mm, <10mm) -20mm aggregate (>10mm, <20mm) -40mm aggregate (>20mm, <40mm) -Non-mineral items (metals, plastics, pipework, wood)	Testing of each mineral fraction output to determine suitability. Transfer of oversize to crusher. Transfer of non-mineral items to skip for off-site disposal.	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics.
19 12 12	Other waste: silts and grits from waste transfer sites	Manual and mechanical sorting, separation, crushing and blending of waste in line with SR2010No12. Depending on particle size distribution, it will be washed.	**Crushing and screening output:** -Crushed/soil aggregate (<50mm) to Highways Specification standard and/or purchaser specification -Non-mineral items (metals, plastics, pipework, wood) **Soil Wash Plant output:** -Silts/clay (<0.63mm) -Sand (>0.63mm and <5mm) -10mm aggregate (>5mm, <10mm) -20mm aggregate (>10mm, <20mm) -40mm aggregate (>20mm, <40mm) -Non-mineral items (metals, plastics, pipework, wood)	Testing of each mineral fraction output to determine suitability. Transfer of oversize to crusher. Transfer of non-mineral items to skip for off-site disposal.	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Organic and inorganic contamination.
19 13 02	Solid waste from soil remediation other than those mentioned in 19 13 01	Manual and mechanical sorting, separation, crushing and blending of waste in line with SR2010No12. Depending on particle size distribution, it will be washed.	**Crushing and screening output:** -Crushed/soil aggregate (<50mm) to Highways Specification standard and/or purchaser specification -Non-mineral items (metals, plastics, pipework, wood) **Soil Wash Plant output:** -Silts/clay (<0.63mm) -Sand (>0.63mm and <5mm) -10mm aggregate (>5mm, <10mm) -20mm aggregate (>10mm, <20mm) -40mm aggregate (>20mm, <40mm) -Non-mineral items (metals, plastics, pipework, wood)	Testing of each mineral fraction output to determine suitability. Transfer of oversize to crusher. Transfer of non-mineral items to skip for off-site disposal.	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Organic and inorganic contamination.
20 02 02	Soil and stones	Manual and mechanical sorting, separation, crushing and blending of waste in line with SR2010No12. Depending on particle size distribution, it will be washed.	**Crushing and screening output:** -Crushed/soil aggregate (<50mm) to Highways Specification standard and/or purchaser specification -Non-mineral items (metals, plastics, pipework, wood) **Soil Wash Plant output:** -Silts/clay (<0.63mm) -Sand (>0.63mm and <5mm) -10mm aggregate (>5mm, <10mm) -20mm aggregate (>10mm, <20mm) -40mm aggregate (>20mm, <40mm) -Non-mineral items (metals, plastics, pipework, wood)	Testing of each mineral fraction output to determine suitability. Transfer of oversize to crusher. Transfer of non-mineral items to skip for off-site disposal.	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Organic and inorganic contamination.

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20 03 03	Street-cleaning residues Street sweepings, Litter, Gully emptyings, Road sweepings	Manual and mechanical sorting, separation, crushing and blending of waste in line with SR2010No12. Depending on particle size distribution, it will be washed.	**Crushing and screening output:** -Crushed/soil aggregate (<50mm) to Highways Specification standard and/or purchaser specification -Non-mineral items (metals, plastics, pipework, wood) **Soil Wash Plant output:** -Silts/clay (<0.63mm) -Sand (>0.63mm and <5mm) -10mm aggregate (>5mm, <10mm) -20mm aggregate (>10mm, <20mm) -40mm aggregate (>20mm, <40mm) -Non-mineral items (metals, plastics, pipework, wood)	Testing of each mineral fraction output to determine suitability. Transfer of oversize to crusher. Transfer of non-mineral items to skip for off-site disposal.	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Organic and inorganic contamination.
Area 2 - Hazardous soil washing, hydrocarbon impacted material					
17 05 03*	Soils and stones containing dangerous substances	Mechanical soil washing through Soil Wash Plant to remove hydrocarbon contamination to produce a range of aggregate. Waste will not be pre-dry crush/screened.	**Soil Wash Plant output:** -Silts/clay (<0.63mm) -Sand (>0.63mm and <5mm) -10mm aggregate (>5mm, <10mm) -20mm aggregate (>10mm, <20mm) -40mm aggregate (>20mm, <40mm) -Non-mineral items (metals, plastics, pipework, wood)	Testing of each mineral fraction output to determine suitability. Off-site disposal of silt/clay fraction depending on outcome of test results. Transfer of oversize to Area 1 for manual and mechanical sorting, separation, crushing and blending of waste. Transfer of non-mineral items to skip for off-site disposal.	Hydrocarbons (TPH, PAH and BTEX) Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Other organic and inorganic contamination.
17 05 05*	Dredging spoil containing dangerous substances	Mechanical soil washing through Soil Wash Plant to remove hydrocarbon contamination to produce a range of aggregate. Waste will not be pre-dry crush/screened.	**Soil Wash Plant output:** -Silts/clay (<0.63mm) -Sand (>0.63mm and <5mm) -10mm aggregate (>5mm, <10mm) -20mm aggregate (>10mm, <20mm) -40mm aggregate (>20mm, <40mm) -Non-mineral items (metals, plastics, pipework, wood)	Testing of each mineral fraction output to determine suitability. Off-site disposal of silt/clay fraction depending on outcome of test results. Transfer of oversize to Area 1 for manual and mechanical sorting, separation, crushing and blending of waste. Transfer of non-mineral items to skip for off-site disposal.	Hydrocarbons (TPH, PAH and BTEX) Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Other organic and inorganic contamination.
17 05 07*	Track ballast containing dangerous substances	Mechanical soil washing through Soil Wash Plant to remove hydrocarbon contamination to produce a range of aggregate. Waste will not be pre-dry crush/screened.	**Soil Wash Plant output:** -Silts/clay (<0.63mm) -Sand (>0.63mm and <5mm) -10mm aggregate (>5mm, <10mm) -20mm aggregate (>10mm, <20mm) -40mm aggregate (>20mm, <40mm) -Non-mineral items (metals, plastics, pipework, wood)	Testing of each mineral fraction output to determine suitability. Off-site disposal of silt/clay fraction depending on outcome of test results. Transfer of oversize to Area 1 for manual and mechanical sorting, separation, crushing and blending of waste. Transfer of non-mineral items to skip for off-site disposal.	Hydrocarbons (TPH, PAH and BTEX) Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Other organic and inorganic contamination.

EWC code	Composition & Production Process	Treatment	Output/s	Residual output	Likely Contaminants of Concern
19 12 11*	Other wastes from mechanical / physical treatment (soil only)	Mechanical soil washing through Soil Wash Plant to remove hydrocarbon contamination to produce a range of aggregate. Waste will not be pre-dry crush/screened.	**Soil Wash Plant output:** -Silts/clay (<0.63mm) -Sand (>0.63mm and <5mm) -10mm aggregate (>5mm, <10mm) -20mm aggregate (>10mm, <20mm) -40mm aggregate (>20mm, <40mm) -Non-mineral items (metals, plastics, pipework, wood)	Testing of each mineral fraction output to determine suitability. Off-site disposal of silt/clay fraction depending on outcome of test results. Transfer of oversize to Area 1 for manual and mechanical sorting, separation, crushing and blending of waste. Transfer of non-mineral items to skip for off-site disposal.	Hydrocarbons (TPH, PAH and BTEX) Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Other organic and inorganic contamination.
19 13 01*	Solid wastes from soil remediation containing hazardous substances	Mechanical soil washing through Soil Wash Plant to remove hydrocarbon contamination to produce a range of aggregate. Waste will not be pre-dry crush/screened.	**Soil Wash Plant output:** -Silts/clay (<0.63mm) -Sand (>0.63mm and <5mm) -10mm aggregate (>5mm, <10mm) -20mm aggregate (>10mm, <20mm) -40mm aggregate (>20mm, <40mm) -Non-mineral items (metals, plastics, pipework, wood)	Testing of each mineral fraction output to determine suitability. Off-site disposal of silt/clay fraction depending on outcome of test results. Transfer of oversize to Area 1 for manual and mechanical sorting, separation, crushing and blending of waste. Transfer of non-mineral items to skip for off-site disposal.	Hydrocarbons (TPH, PAH and BTEX) Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Other organic and inorganic contamination.
Area 3 - Non-hazardous soil matrix containing fragments of ACM					
17 01 06*	Demolition wastes containing asbsetos fragments	Treatment as per Asbestos Management Plan	-Picked Aggregate (>5mm) -Coarse Sand (5mm-2mm) -Fine Sand (2mm -0.63mm) -Clay/silt ('filter cake') (<0.63mm) -Organics -Segregated asbestos waste -Non-mineral items (metals, plastics, pipework, wood)	Visual inspection of the coarse sand and aggregate; segregation of aggregate/sand where asbestos removal is satisfactory. Inorganic fractions (sand & filter cake) will be tested to confirm suitability of use or transfer. Transfer of non-mineral items to skip for off-site disposal. Segregated asbestos waste will be transferred for onward disposal.	Asbestos fibres, bundles and fragments. Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Organic and inorganic contamination.
17 05 03*	Soils and stones containing asbestos containing material fragments Majority Non-hazardous in all other regards.	Treatment as per Asbestos Management Plan	-Picked Aggregate (>5mm) -Coarse Sand (5mm-2mm) -Fine Sand (2mm -0.63mm) -Clay/silt ('filter cake') (<0.63mm) -Organics -Segregated asbestos waste -Non-mineral items (metals, plastics, pipework, wood)	Visual inspection of the coarse sand and aggregate; segregation of aggregate/sand where asbestos removal is satisfactory. Inorganic fractions (sand & filter cake) will be tested to confirm suitability of use or transfer. Transfer of non-mineral items to skip for off-site disposal. Segregated asbestos waste will be transferred for onward disposal.	Asbestos fibres, bundles and fragments. Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Organic and inorganic contamination.

EWC code	Composition & Production Process	Treatment	Output/s	Residual output	Likely Contaminants of Concern
17 06 05*	Construction materials containing asbestos containing material fragments Non-hazardous in all other regards.	Treatment as per Asbestos Management Plan	-Picked Aggregate (>5mm) -Coarse Sand (5mm-2mm) -Fine Sand (2mm -0.63mm) -Clay/silt ('filter cake') (<0.63mm) -Organics -Segregated asbestos waste -Non-mineral items (metals, plastics, pipework, wood)	Visual inspection of the coarse sand and aggregate; segregation of aggregate/sand where asbestos removal is satisfactory. Inorganic fractions (sand & filter cake) will be tested to confirm suitability of use or transfer. Transfer of non-mineral items to skip for off-site disposal. Segregated asbestos waste will be transferred for onward disposal.	Asbestos fibres, bundles and fragments. Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Organic and inorganic contamination.
19 12 11*	Mineral-based waste from mechanical treatment of waste containing asbestos containing material fragments Non-hazardous in all other regards.	Treatment as per Asbestos Management Plan	-Picked Aggregate (>5mm) -Coarse Sand (5mm-2mm) -Fine Sand (2mm -0.63mm) -Clay/silt ('filter cake') (<0.63mm) -Organics -Segregated asbestos waste -Non-mineral items (metals, plastics, pipework, wood)	Visual inspection of the coarse sand and aggregate; segregation of aggregate/sand where asbestos removal is satisfactory. Inorganic fractions (sand & filter cake) will be tested to confirm suitability of use or transfer. Transfer of non-mineral items to skip for off-site disposal. Segregated asbestos waste will be transferred for onward disposal.	Asbestos fibres, bundles and fragments. Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Organic and inorganic contamination.
19 13 01*	Solid wastes from soil remediation containing asbestos containing material fragments (non-hazardous only)	Treatment as per Asbestos Management Plan	-Picked Aggregate (>5mm) -Coarse Sand (5mm-2mm) -Fine Sand (2mm -0.63mm) -Clay/silt ('filter cake') (<0.63mm) -Organics -Segregated asbestos waste -Non-mineral items (metals, plastics, pipework, wood)	Visual inspection of the coarse sand and aggregate; segregation of aggregate/sand where asbestos removal is satisfactory. Inorganic fractions (sand & filter cake) will be tested to confirm suitability of use or transfer. Transfer of non-mineral items to skip for off-site disposal. Segregated asbestos waste will be transferred for onward disposal.	Asbestos fibres, bundles and fragments. Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Organic and inorganic contamination.
Area 4 - Restoration topsoil manufacturing					
01 01 01	Wastes from mineral metalliferous excavation	Mixing and blending of waste with organic non-hazardous waste streams to produce a fertile restoration topsoil material. Process is similar to activities under a SR2010 No5.	-Manufactured topsoil -Non-mineral items (metals, plastics, pipework, wood)	Testing of manufactured topsoil to determine compliance to restoration criteria/BS3882. Transfer of non-mineral items to skip for off-site disposal.	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Organic and inorganic contamination.
01 01 02	Wastes from mineral non-metalliferous excavation	Mixing and blending of waste with organic non-hazardous waste streams to produce a fertile restoration topsoil material. Process is similar to activities under a SR2010 No5.	-Manufactured topsoil -Non-mineral items (metals, plastics, pipework, wood)	Testing of manufactured topsoil to determine compliance to restoration criteria/BS3882. Transfer of non-mineral items to skip for off-site disposal.	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Organic and inorganic contamination.

EWC code	Composition & Production Process	Treatment	Output/s	Residual output	Likely Contaminants of Concern
01 04 08	Waste gravel and crushed rocks other than those mentioned in 01 04 07	Mixing and blending of waste with organic non-hazardous waste streams to produce a fertile restoration topsoil material. Process is similar to activities under a SR2010 No5.	-Manufactured topsoil -Non-mineral items (metals, plastics, pipework, wood)	Testing of manufactured topsoil to determine compliance to restoration criteria/BS3882. Transfer of non-mineral items to skip for off-site disposal.	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Organic and inorganic contamination.
01 04 09	Waste sand and clays	Mixing and blending of waste with organic non-hazardous waste streams to produce a fertile restoration topsoil material. Process is similar to activities under a SR2010 No5.	-Manufactured topsoil -Non-mineral items (metals, plastics, pipework, wood)	Testing of manufactured topsoil to determine compliance to restoration criteria/BS3882. Transfer of non-mineral items to skip for off-site disposal.	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Organic and inorganic contamination.
02 04 01	Soil from cleaning and washing beet	Mixing and blending of waste with organic non-hazardous waste streams to produce a fertile restoration topsoil material. Process is similar to activities under a SR2010 No5.	-Manufactured topsoil -Non-mineral items (metals, plastics, pipework, wood)	Testing of manufactured topsoil to determine compliance to restoration criteria/BS3882. Transfer of non-mineral items to skip for off-site disposal.	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Organic and inorganic contamination.
10 01 05	Gypsum (solid) only	Mixing and blending of waste with organic non-hazardous waste streams to produce a fertile restoration topsoil material. Process is similar to activities under a SR2010 No5.	-Manufactured topsoil -Non-mineral items (metals, plastics, pipework, wood)	Testing of manufactured topsoil to determine compliance to restoration criteria/BS3882. Transfer of non-mineral items to skip for off-site disposal.	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Organic and inorganic contamination.
17 05 04	Soil and stones other than those mentioned in 17 05 03	Mixing and blending of waste with organic non-hazardous waste streams to produce a fertile restoration topsoil material. Process is similar to activities under a SR2010 No5.	-Manufactured topsoil -Non-mineral items (metals, plastics, pipework, wood)	Testing of manufactured topsoil to determine compliance to restoration criteria/BS3882. Transfer of non-mineral items to skip for off-site disposal.	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Organic and inorganic contamination.
17 05 06	Dredging spoil other than those mentioned in 17 05 05	Mixing and blending of waste with organic non-hazardous waste streams to produce a fertile restoration topsoil material. Process is similar to activities under a SR2010 No5.	-Manufactured topsoil -Non-mineral items (metals, plastics, pipework, wood)	Testing of manufactured topsoil to determine compliance to restoration criteria/BS3882. Transfer of non-mineral items to skip for off-site disposal.	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Organic and inorganic contamination.
19 02 06	Sludges from physico/chemical treatment other than those mentioned in 19 02 05 Typically in solid form with elevated moisture of > 30 %.	Mixing and blending of waste with organic non-hazardous waste streams to produce a fertile restoration topsoil material. Process is similar to activities under a SR2010 No5.	-Manufactured topsoil -Non-mineral items (metals, plastics, pipework, wood)	Testing of manufactured topsoil to determine compliance to restoration criteria/BS3882. Transfer of non-mineral items to skip for off-site disposal.	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Organic and inorganic contamination.
19 05 03	Off-specification compost. Typically in solid form with elevated moisture of > 30 %.	Mixing and blending of waste with organic non-hazardous waste streams to produce a fertile restoration topsoil material. Process is similar to activities under a SR2010 No5.	-Manufactured topsoil -Non-mineral items (metals, plastics, pipework, wood)	Testing of manufactured topsoil to determine compliance to restoration criteria/BS3882. Transfer of non-mineral items to skip for off-site disposal.	Biological, organic and inorganic contamination. Putrescible light waste.
19 06 04	Whole digestate and fibre digestate from anaerobic treatment of non-source segregated biodegradable waste Liquid waste to be stored in tanker in low volume.	Mixing and blending of waste with organic non-hazardous waste streams to produce a fertile restoration topsoil material. Process is similar to activities under a SR2010 No5.	-Manufactured topsoil -Non-mineral items (lights)	Testing of manufactured topsoil to determine compliance to restoration criteria/BS3882. Transfer of non-mineral items to skip for off-site disposal.	Biological, organic and inorganic contamination. Putrescible light waste.

EWC code	Composition & Production Process	Treatment	Output/s	Residual output	Likely Contaminants of Concern
19 06 06	Whole digestate and fibre digestate from anaerobic treatment of non-source segregated biodegradable waste from treatment of urban waste water only Liquid waste to be stored in tanker in low volume.	Mixing and blending of waste with organic non-hazardous waste streams to produce a fertile restoration topsoil material. Process is similar to activities under a SR2010 No5.	-Manufactured topsoil -Non-mineral items (lights)	Testing of manufactured topsoil to determine compliance to restoration criteria/BS3882. Transfer of non-mineral items to skip for off-site disposal.	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Biological, organic and inorganic contamination. Putrescible waste.
19 08 05	Sludges from the treatment of urban waste water	Mixing and blending of waste with organic non-hazardous waste streams to produce a fertile restoration topsoil material. Process is similar to activities under a SR2010 No5.	-Manufactured topsoil -Non-mineral items (metals, plastics, pipework, wood)	Testing of manufactured topsoil to determine compliance to restoration criteria/BS3882. Transfer of non-mineral items to skip for off-site disposal.	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Biological, organic and inorganic contamination. Putrescible waste.
19 12 09	Minerals (for example sand, stones) This will be soils only from waste treatment facilities.	Mixing and blending of waste with organic non-hazardous waste streams to produce a fertile restoration topsoil material. Process is similar to activities under a SR2010 No5.	-Manufactured topsoil -Non-mineral items (metals, plastics, pipework, wood)	Testing of manufactured topsoil to determine compliance to restoration criteria/BS3882. Transfer of non-mineral items to skip for off-site disposal.	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Organic and inorganic contamination.
19 12 12	Other wastes specifically hardcore minerals from mechanical treatment of wastes This will be soils only from waste treatment facilities	Mixing and blending of waste with organic non-hazardous waste streams to produce a fertile restoration topsoil material. Process is similar to activities under a SR2010 No5.	-Manufactured topsoil -Non-mineral items (metals, plastics, pipework, wood)	Testing of manufactured topsoil to determine compliance to restoration criteria/BS3882. Transfer of non-mineral items to skip for off-site disposal.	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Organic and inorganic contamination.
19 13 02	Solid wastes from soil remediation other than those mentioned in 19 13 01	Mixing and blending of waste with organic non-hazardous waste streams to produce a fertile restoration topsoil material. Process is similar to activities under a SR2010 No5.	-Manufactured topsoil -Non-mineral items (metals, plastics, pipework, wood)	Testing of manufactured topsoil to determine compliance to restoration criteria/BS3882. Transfer of non-mineral items to skip for off-site disposal.	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Organic and inorganic contamination.
20 02 02	Soil and stones	Mixing and blending of waste with organic non-hazardous waste streams to produce a fertile restoration topsoil material. Process is similar to activities under a SR2010 No5.	-Manufactured topsoil -Non-mineral items (metals, plastics, pipework, wood)	Testing of manufactured topsoil to determine compliance to restoration criteria/BS3882. Transfer of non-mineral items to skip for off-site disposal.	Foreign (non-mineral) items including, but not limited to, timber, metals, asbestos & plastics. Organic and inorganic contamination.