

GGL 7 – Waste Types, Tonnages and Treatment Techniques - GAP Group Limited - Tanker Emptying Facility - Rockingham Business Park, Smoke Lane, Avonmouth, Bristol, BS11 0FJ

Waste Types

The proposed on site activities can be split into two distinct processes.

Direct tanker discharge to foul sewer

The only waste types to be accepted are those shown in the table below –

Waste code	Description of waste	State
20 03 04	Septic tank sludge	Sludge, Liquid
16 10 02	Aqueous liquid wastes other than those mentioned in 16 10 01	Sludge, Liquid

Treatment via dewatering

The only waste types to be accepted are those shown in the table below

Waste Code	Description	State
1	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS	
01 05	Drilling muds and other wastes	
01 05 04	freshwater drilling muds and wastes	Liquid / sludge
01 05 07	barite-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06	Liquid / sludge
01 05 08	chloride-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06	Liquid / sludge
2	WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING	
02 03	Fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing	
02 03 01	sludges from washing, cleaning, peeling, centrifuging and separation	Liquid / sludge
02 03 02	wastes from preserving agents	Liquid / sludge
02 03 03	wastes from solvent extraction	Liquid / sludge
02 03 04	materials unsuitable for consumption or processing	Liquid / sludge
02 03 05	sludges from on-site effluent treatment	Liquid / sludge
02 04	Sugar processing	
02 04 03	sludges from on-site effluent treatment	Liquid / sludge
02 05	Dairy products Industry	
02 05 02	sludges from on-site effluent treatment	Liquid / sludge
02 06	Baking and confectionary industries	
02 06 02	wastes from preserving agents	Liquid / sludge

02 06 03	sludges from on-site effluent treatment	Liquid / sludge
02 07	Production of alcoholic and non-alcoholic beverages	
02 07 01	wastes from washing, cleaning and mechanical reduction of raw materials	Liquid / sludge
02 07 02	wastes from spirits distillation	Liquid / sludge
02 07 03	wastes from chemical treatment	Liquid / sludge
02 07 04	materials unsuitable for consumption or processing	Liquid / sludge
02 07 05	sludges from on-site effluent treatment	Liquid / sludge
5	PETROLEUM / GAS PRODUCTION	
05 01	Petroleum refining	
05 01 10	sludges from on-site effluent treatment other than those mentioned in 05 01 09	Liquid / sludge
05 01 13	boiler feed water sludges	Liquid / sludge
05 01 14	wastes from cooling columns	Liquid / sludge
05 01 16	sulphur-containing wastes from petroleum desulphurisation	Liquid / sludge
05 01 17	Bitumen	Liquid / sludge
13	OIL AND LIQUID FUEL WASTE	
13 05	Oil / water separator contents	
13 05 01*	solids from grit chambers and oil/water separators (derived only from highway maintenance and road sweeping only)	Liquid / sludge
13 05 02*	sludges from oil/water separators (derived only from highway maintenance and road sweeping only)	Liquid / sludge
13 05 03*	interceptor sludges (derived only from highway maintenance and road sweeping only)	Liquid / sludge
13 05 06*	oil from oil/water separators	Liquid / sludge
13 05 07*	oily water from oil/water separators	Liquid / sludge
13 05 08*	mixtures of wastes from grit chambers and oil/water separators (derived only from highway maintenance and road sweeping only)	Liquid / sludge
16	OTHER WASTES FROM INDUSTRIAL PROCESSES	
16 10	Aqueous liquid wastes destined for off site treatment	
16 10 02	aqueous liquid waste other than those mentioned in 16 10 01	Liquid / sludge
19	MATERIALS FROM WASTE AND WATER TREATMENT	
19 07	Landfill Leachate	
19 07 03	landfill leachate other than those mentioned in 19 07 02	Liquid / sludge
19 08	Waste water treatment plants not otherwise specified	
19 08 01	screenings	Liquid / sludge
19 08 02	waste from de-sanding	Liquid / sludge
19 08 05	sludges from treatment of urban waste water	Liquid / sludge
19 08 09	grease and oil mixture from oil/water separation containing only edible oil and fats	Liquid / sludge
19 08 12	sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11	Liquid / sludge
19 08 14	sludges from other treatment of industrial waste water other than those mentioned in 19 08 13	Liquid / sludge

19 09	Preparation of water intended for human consumption or water for industrial use	
19 09 01	solid waste from primary filtration and screenings	Liquid / sludge
19 09 02	sludges from water clarification	Liquid / sludge
19 11	Oil regeneration	
19 11 06	sludges from on-site effluent treatment other than those mentioned in 19 11 05	Liquid / sludge
19 13	Soil and groundwater remediation	
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01	Liquid / sludge
19 13 04	sludges from soil remediation other than those mentioned in 19 13 03	Liquid / sludge
19 13 06	sludges from groundwater remediation other than those mentioned in 19 13 05	Liquid / sludge
19 13 08	aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07	Liquid / sludge
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	
20 01	separately collected fractions	
20 01 08	biodegradable kitchen and canteen waste	Liquid / sludge
20 01 25	edible oil and fat	Liquid / sludge
20 03	Other municipal wastes	
20 03 03	gully waste	Liquid / sludge
20 03 04	septic tank sludge	Liquid / sludge
20 03 06	waste from sewage cleaning	Liquid / sludge

Treatment Capacity

The proposed on site activities can be split into two distinct processes.

Direct tanker discharge to foul sewer

The maximum quantity of waste to be received within 1 week is 350 tonnes.

The maximum quantity of waste to be received within 1 year is 18,200 tonnes.

Treatment via dewatering

Both hazardous and non-hazardous wastes

The maximum quantity of waste to be received within 1 week is 490 tonnes.

The maximum quantity of waste to be received within 1 year is 25,480 tonnes.

Storage of Waste

The maximum volume of waste to be stored at any one time is 1 tonne from the manual screening process.

40 tonnes of non-hazardous waste being treated via dewatering
40 tonnes of hazardous waste being treated via dewatering

Treatment Techniques

The proposed on site activities can be split into two distinct processes.

Direct tanker discharge to foul sewer

The only treatment techniques will be screening via gravity over a metal grid.

Treatment via dewatering

The second process is the dewatering of liquid and sludge wastes before the de-watered liquid is discharged to the foul sewer. This will involve screening, dewatering and the use of flocculants to aid the settling out of suspended solids.