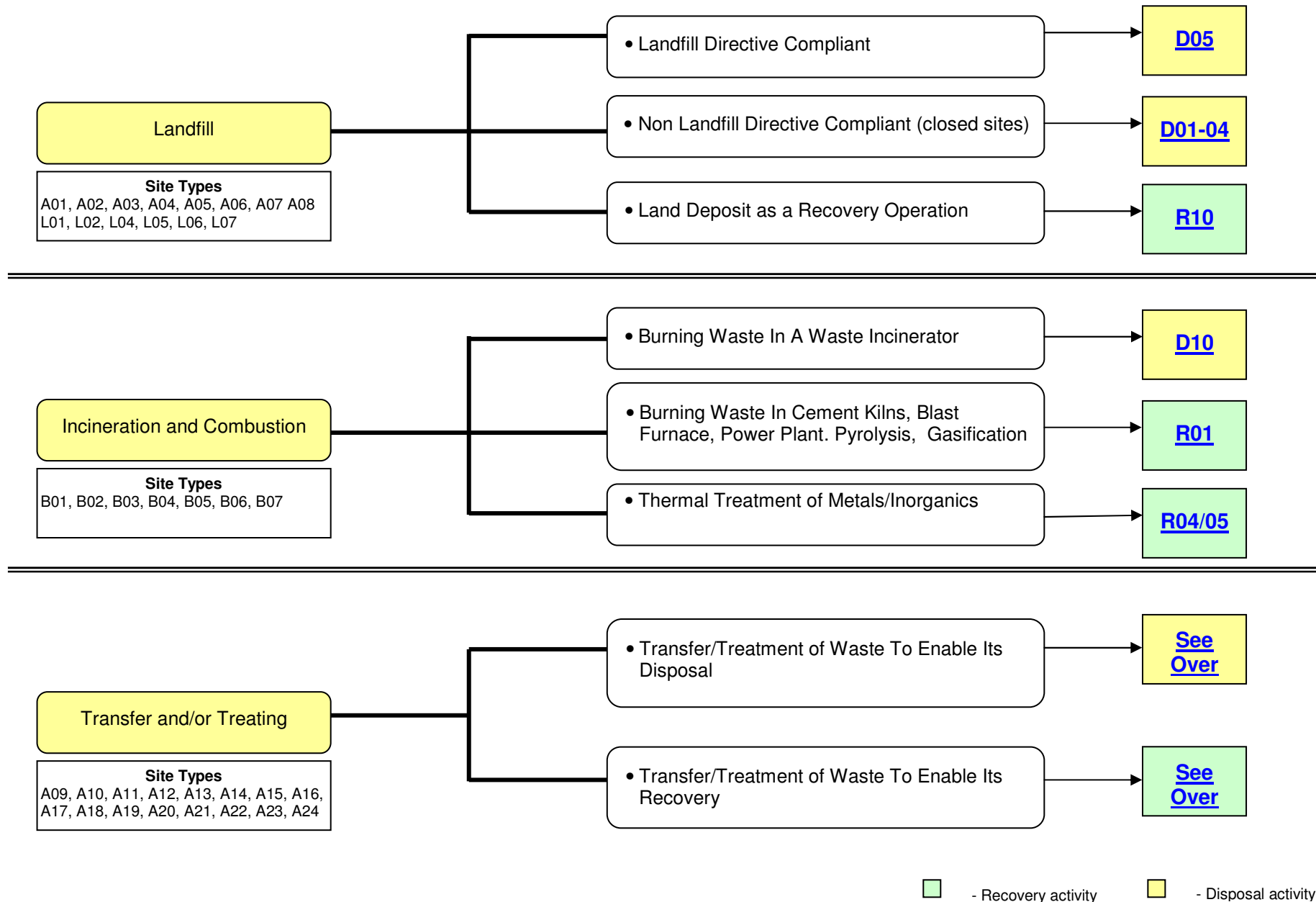


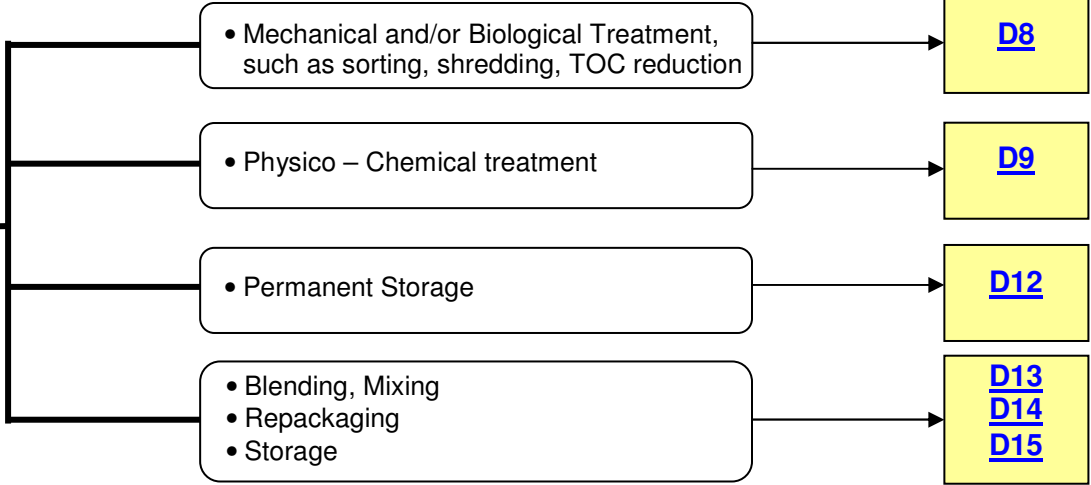
D & R Code Flowchart

Please select from the major waste management activities below. The built-in links will take you to a further description of your activity and provide information at a high level of detail in some cases. Please select the code that is most appropriate to your activity. You are likely to have more than one D and R Code.



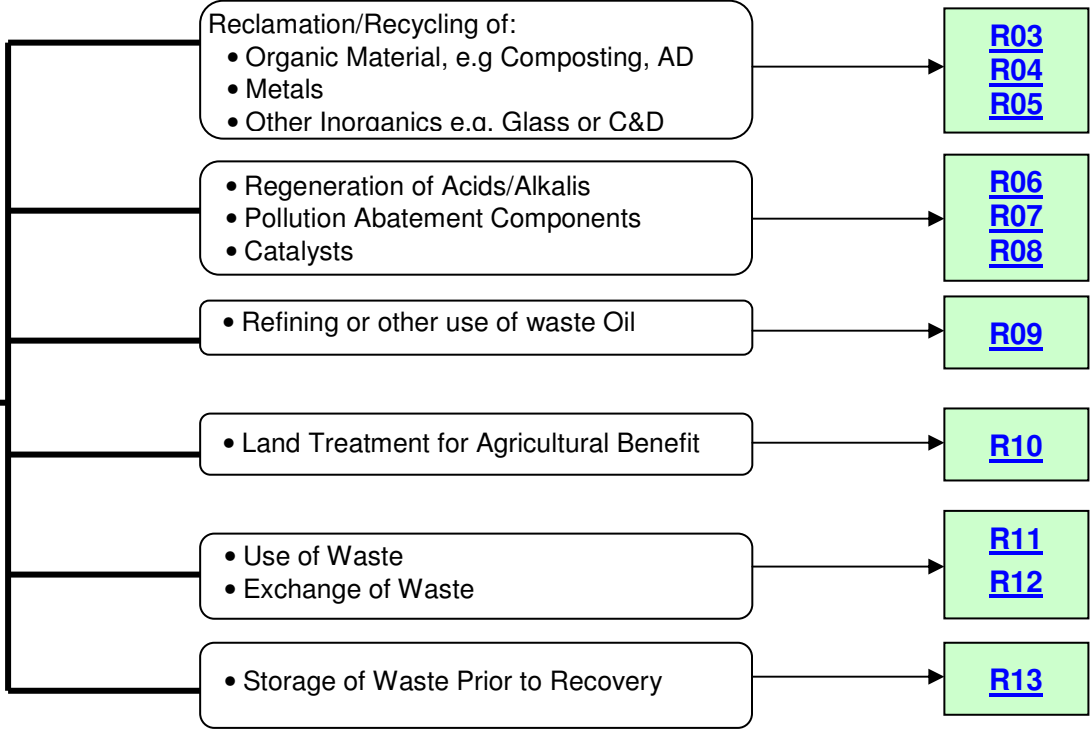
Transfer/Treatment of Waste To Enable Its Disposal

Site Types
A22, A23, A24. A16, A17. L01, L04,



Transfer/Treatment of Waste To Enable Its Recovery

Site Types



■ - Recovery activity ■ - Disposal activity

D&R Code		Primary Activity	Description	Detail	Applicable Site Codes
Level 1	Level 3				

Deposit / treatment in or on land

D01	D01.01.01 D01.02.01 D01.03.01 D01.04.01	Landfill	Inert waste landfill Non hazardous waste landfill Hazardous waste landfill Spoil heaps of mining, quarrying, etc waste	Landfill sites that: - do not meet Landfill Directive criteria and should be closed or closing by July 2009. - are operating under an appeal against refusal/conditions of a former PPC permit	A01, A02, A04, A05, A06, A07
D02	D02	Land treatment without agricultural benefit or improvement	Land treatment (e.g. biodegradation of liquid or sludgy discards in soils etc) i.e. liquid waste, sludge, dredging spoil etc spread to land without agricultural benefit or ecological improvement.		
D03	D03	Deep injection for disposal	Deep injection e.g. injection of pumpable wastes into wells, salt domes or naturally occurring repositories etc (permanent underground disposal / storage)		A03
D04	D04	Surface impoundment	Surface impoundment (e.g. placement of liquid or sludgy waste into pits, ponds or lagoons).		A08
D05	D05	Landfill	Specially engineered landfill (e.g. placement into lined discrete cells which are capped and isolated from one another and the environment, etc) (surface rather than underground landfill)	Landfill sites that: - meet Landfill Directive criteria and have the appropriate permit for a waste installation (formerly permitted as a PPC permit). - meet Landfill Directive criteria and have the appropriate permit for a waste operation as an inert landfill (formerly permitted as a PPC permit).	L01, L02, L04, L05, L06, L07

Transfer / Storage Operation

D14	D14	Transfer for disposal	Repackaging prior to submission to any of the operations numbered D1 to D13 i.e. bulking up transfer stations prior to disposal.	Transfer activities that bulk up waste prior to removal to any other disposal activity e.g. landfill, incineration, treatment	A09, A11, A13, A12, A14
D12	D12	Permanent storage (underground)	Permanent storage (e.g. emplacement of containers in a mine etc) – underground rather than surface storage		
D13	D13.01.01	Blending or mixing prior to disposal	Blending or mixing prior to submission to any disposal operation numbered D1 to D12.		A15, A16, A17, A21
D15	D15	Storage for disposal	Temporary storage of waste pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced)	Transfer activities that store waste prior to removal to any other disposal activity e.g. landfill, incineration, treatment.	A09, A10, A11, A12, A13, A14

R03	R03.01.01 R03.01.02 R03.01.03 R03.01.04 R03.01.05 R03.01.06 R03.01.07	Bulking up organic wastes	Paper Plastic Wood Green/garden waste Kitchen/garden waste Clothing/textiles Wood/plastic/textile furniture	Transfer activities for specific waste streams that are recovered but are NOT mixed waste streams.	A09, A11, A13
R04	R04.01.01 R04.01.02	Bulking up metals	Metal packaging waste i.e. cans Other metals	Transfer activities for specific metallic waste streams that are recovered NOT mixed waste streams	A09, A11, A13, A14, A19, A19a, A20
R05	R05.01.01	Bulking up glass	Glass	Transfer activities for glass that is recovered but NOT in a mixed waste stream.	A11, A13, A14
R12	R12	Waste transfer for recovery	Exchange of wastes for submission to any other recovery operation numbered R1 to R10 (transfer station for recovery operations other than for R3 to R5)	Transfer of wastes to any recovery operation R1 to R10 (other than R3 to R5).	A09, A11, A13, A14
R13	R13	Temporary storage	Temporary storage of wastes pending any other recovery operation (excluding temporary storage, pending collection, on the site where it is produced).		A09, A10, A11, A12, A13, A14

Treatment Operation: Biological

D08	D08	Treatment prior to disposal	Biological treatment for the purpose of disposal	Biological treatment activities for the purposes of disposal. E.g. leachate treatment, bioremediation	A23
D08	D08.01.01	Treatment prior to disposal	Mechanical-biological treatment	Mechanical-biological treatment activities.	A23
R03	R03.02.01	Composting	Open windrow composting (green waste)		A22
R03	R03.02.02	Composting	In-vessel composting (green and kitchen waste)		A22
R03	R03.03.01	Anaerobic digestion	Anaerobic digestion (green and kitchen waste)		A22, A23
R03	R03.05.01	Mechanical-biological stabilisation	Mechanical-biological stabilisation (e.g. dry-stabilate process)		A16, A17, A23
R05	R05.02.01	Soil treatment	Biological soil treatment		A23

Treatment Operation: Physical / Physico-chemical / Chemical

D09	D09	Physical / physico-chemical treatment	Physical / physico-chemical treatment of waste prior to any other disposal operation.		A12, A14, A15, A16, A17, A21
D13	D13.01.01	Blending or mixing prior to disposal	Blending or mixing prior to submission to any disposal operation numbered D1 to D12.		A15, A16, A17, A21
R02	R02	Solvent recovery	Solvent reclamation/ regeneration by distillation (regeneration of spent solvents, reclamation from paint and varnishes etc)		A21

R03	R03.01.01 R03.01.02 R03.01.03 R03.01.04 R03.01.05 R03.01.06 R03.01.07	Sorting organic wastes for recovery	Paper Plastic Wood Green/garden waste Kitchen/canteen waste Clothing/textiles Wood/plastic/textile furniture	Sorting activities for specific waste streams that are recovered NOT mixed waste streams.	A15
R03	R03.04.01 R03.04.02 R03.04.03 R03.04.04	Mechanical Processing	Mechanical reprocessing of plastic waste e.g. re-granulation Mechanical reprocessing of wood (for recycling/energy recovery) Mechanical reprocessing for production of refuse derived fuel Mechanical reprocessing of kitchen/canteen waste		A16
R03	R03.06.01	Mechanical – physical stabilisation	Mechanical-physical stabilisation		A16
R03	R03.07.01 R03.07.02 R03.07.03	Recycling	Recycling of waste paper and board (manufacture of new products) Recycling of plastics (manufacture of new products) Recycling of wood (manufacture of fibreboard etc)		A16, A17, P01
R04	R04.01.01 R04.01.02	Sorting metals	Metal packaging i.e. cans Other metals	Sorting activities for specific metallic waste streams that are recovered NOT mixed waste streams	A15, A19a, A19, A20
R04	R04.02.01 R04.02.02 R04.02.03	Mechanical Processing	Mechanical reprocessing of WEEE Mechanical reprocessing/treatment facilities for ELV Mechanical reprocessing of ferrous and non-ferrous metals		A19a, A19, A20
R04	R04.03.01 R04.03.02	Physico-chemical treatment	Vacuum distillation to recover Nickel, Cadmium and Iron from NiCad batteries & separation of mercury from button cells for battery recycling. Treatment of photo-chemicals e.g. electrolytic recovery of silver from fixer solutions etc.		A17
R04	R04.05.01 R04.05.02	Recycling metal in product manufacture	Recycling scrap metal in sintering plants, steel production. Recycling recovered metals e.g. in battery production		A19a, A19, A20, M01
R04	R04.06.01	Repair / refurbishment of metal / metal compounds	Repair / refurbishment / cleaning etc for reuse (e.g. mechanical components, complete products)		A16, A17, A19, A19a, A20, A21
R05	R05.01.01	Sorting glass	Glass	Sorting activities for glass that is recovered but NOT in a mixed waste stream.	A15, A16
R05	R05.03.01	Mechanical reprocessing of industrial wastes	Mechanical reprocessing of mineral C&D waste/ roadworks waste		A15, A16
R05	R05.03.02		Mechanical reprocessing of mixed C&D waste		
R05	R05.03.03		Mechanical reprocessing plant for asphalt mixing		
R05	R05.03.04		Mechanical reprocessing of WEEE cathode ray tubes, discharge lamps, etc,		
R05	R05.03.05		Mechanical reprocessing of industrial mineral wastes		
R05	R05.04.01	Chemical-physical treatment	Chemical-physical treatment e.g. soil washing	Main outputs will be non-metallic organic compounds	A17
R06	R06.01.01	Regeneration of acids and bases	Regeneration of acids and bases	E.g. re-concentration of acids	A21
R07	R07.01.01	Recovery of pollution abatement components	Recovery of components used for pollution abatement e.g.	E.g. regeneration of activated carbon	A21

R08	R08.01.01	Recovery of components from catalysts	Recovery of components from catalysts	Regeneration of catalysts and reclamation of catalyst compounds	A21
R09	R09.01.01	Oil refining or reuse of waste oil	Oil refining or other reuses of waste oil	Regeneration and reclamation of waste oils, distillation of base oils for lubricants, production of burning fuels etc.	A09, A16, A17, A21
R12	R12	Sorting	Exchange of wastes for submission to any other recovery operation numbered R1 to R10 (Sorting at recovery operations other than for R3 to R5)	Sorting of wastes before any recovery operation R1 to R10 (other than R3 to R5).	A15

Incineration / Thermal Treatment

D10	D10.01.01 D10.01.02 D10.01.03 D10.01.04 D10.01.05 D10.01.06 D10.01.07	Incineration on land for the purposes of disposal	Municipal waste incineration Sewage sludge incineration Hazardous waste incineration Clinical waste incineration Co-incineration of organically contaminated waste water and sludge at power stations / other incinerators. Incineration of carcasses and other animal by-products Thermal treatment of soil: direct incineration at high temperatures		B01, B02, B03, B04, B05, B06, B07
R01	R01.01.01 R01.02.01 R01.03.01 R01.04.01 R01.05.01 R01.06.01	Incineration of waste for use principally as a fuel or other means to generate energy	Co-incineration of high-calorific wastes in cement kilns Use of high calorific waste in blast furnaces as energy source and reduction agent Co-incineration of refused derived fuel (RDF) and other waste in power stations and other industrial incineration plant. Incineration of paper sludge or other high calorific waste types in the paper industry. Pyrolysis or organic wastes. Gasification (thermal treatment) of municipal waste (SVZ process)		B01, B02, B03, B04, B05, B06, B07
R04	R04.04.01	Thermal treatment to regenerate metal waste	Thermal treatment to regenerate metal waste e.g. oil contaminated metals, cables, containers etc.		
R05	R05.05.01 R05.05.02	Thermal treatment of inorganic wastes	Thermal treatment of non-metallic mineral wastes e.g. regeneration of castling moulds. Thermal soil treatment at medium temperatures e.g. degasification, gasification.		

Use of Waste

R05	R05.07.01 R05.07.02 R05.07.03 R05.07.04 R05.07.05 R05.07.06 R05.07.07	Use of inorganic waste	Use of iron-oxide waste as raw material in cement kiln. Use of lime containing waste as raw material in cement kiln. Use of lime containing waste as absorbent for emission reduction. Use in construction of roads and motorways. Use in construction of roads on landfills. Use for backfilling quarries, clay pits etc. Use as a mine sealant.	Use in cement kilns. Use in cement kilns Use in power stations & incineration plants Use in roads and motorways. Also temporary site access roads. Use for backfilling quarries, clay pits. Use as a mine sealant.	
R05	R05.06.01 R05.06.02	Manufacture of new products from inorganic waste	Recycling of glass Manufacture of building materials.	Manufacture of new glass products. Manufacture of building materials.	
R05	R05.08.01	Repair / refurbishment of other inorganic compounds	Repair / refurbishment / cleaning for re-use in products or components		

R10	R10.01.01 R10.01.02	Land treatment resulting in benefit to agriculture or ecological improvement	Use of waste for construction in the recultivation of landfills or contaminated sites, construction of noise barriers etc. Use of organic or inorganic wastes spread to land as fertiliser or soil improver.	For improvement.	
R11	R11	Use of waste	Use of waste obtained from any of the recovery operations R1 to R10.	Use of residual wastes from R1 to R10 operations.	

Site Types and D and R Codes

Code	Description	D Codes	R Codes
A01	Former Co-Disposal Landfill	D01	
A02	Former Haz Waste Landfill	D01	
A03	Former Borehole	D03	
A04	HCl Waste Landfill	D01, D02	
A05	Inert Landfill	D01	
A06	Former Landfill Other Wastes	D01	
A07	Former Factory Curtilage Landfill	D01	
A08	Disposal in Lagoons	D04	
A09	Transfer Station - Haz Waste	D13, D14, D15	R03, R04, R09, R12, R13
A10	In House Storage	D15	R13
A11	HCl Transfer Station	D13, D14, D15	R03, R04, R05, R09, R12, R13
A12	Clinical Waste Transfer Station	D09, D13, D14, D15	R13
A13	Household Waste Amenity Site	D13, D14, D15	R03, R04, R05, R09, R13
A14	Inert Waste Transfer Station	D09, D13, D14, D15	R04, R05, R09, R13
A15	Materials Recycling Facility	D09, D13, D14, D15	R03, R04, R05, R13
A16	Physical Treatment	D09, D13, D14, D15	R03, R04, R05, R09, R13
A17	Physico Chemical Treatment	D09, D13, D14, D15	R03, R04, R05, R09, R13
A18	Transfer at Part B Incinerator	D15	
A19	Vehicle Dismantling + ELV	D15	R04
A19a	ELV Site	D15	R04
A20	Metal Recycling	D15	R04
A21	Chemical Treatment	D09, D13, D14, D15	R02, R04, R06, R07, R08
A22	Composting	D15	R03, R13
A23	Biological Treatment or MBT	D08, D15	R03, R05
A24	Mobile Plant	D08, D09	R03,R04.R05
A25	Deposit for recovery	D15	R10
A26	Pet Cemetery	D01	
A27	Pet Crematorium	D10	
A28	WEEE Treatment Site	D13, D14, D15	R04, R05, R13

A29	Landfill or Bio Gas Engine		R01
A30	Mining Waste Operations	D01	
A31	Mining Waste Ops with a Facility for HazWaste	D01, D05	
A32	Mining Waste Ops with a Cat 'A' Mining Waste Facility	D01, D05	
B01	Hazardous Waste Incinerator	D10	R01
B02	Clinical Waste Incinerator	D10	R01
B03	Co-Incineration	D10	R01
B04	Animal Carcass Incinerator	D10	R01
B05	Sewage Sludge Incinerator	D10	R01
B06	Municipal Waste Incinerator	D10	R01
L01	Hazardous Merchant LF	D05, D12	
L02	Non Hazardous (SNRHW) LF	D05	
L04	Non Hazardous LF	D05	
L06	Hazardous Restricted LF	D05	
L07	Restricted LF	D05	

D and R Codes and Site Types

DR Codes	Site Types
D01	A01, A02, A04, A05, A06, A07, A26, A30, A31, A32
D02	A04
D03	A03
D04	A08
D05	A31, A32, L01, L02, L03, L04, L05, L06, L07
D06	
D07	
D08	A23, A24
D09	A12, A14, A15, A16, A17, A21, A24
D10	A27, B01, B02, B03, B04, B05, B06
D11	
D12	L01
D13	A09, A11, A12, A13, A14, A15, A16, A17, A21, A28
D14	A09, A11, A12, A13, A14, A15, A16, A17, A21, A28
D15	A09, A10, A11, A12, A13, A14, A15, A16, A17, A18, A19, A19a, A20, A21, A23, A25, A28
R01	A29, B01, B02, B03, B04, B05, B06
R02	A21
R03	A9, A11, A13, A15, A16, A17, A22, A23, A24
R04	A9, A11, A13, A 14, A15, A16, A17, A19, A 19a, A 20, A 21, A24, A28
R05	A11, A13, A14, A15, A16, A17, A23, A24, A28
R06	A21
R07	A21
R08	A21
R09	A9, A11, A13, A14, A16, A17
R10	A25
R11	
R12	A9, A11
R13	A9, A10, A11, A12, A13, A14, A15, A16, A17, A22, A28