

Table 3-1
APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARs)
for the Former Satralloy Site

Line	Category	Potentially Applicable	Potentially Relevant & Appropriate	Not Applicable	Comment	Citation	Paragraph	Caption	Text
1	APC	X			Concrete &/or slag crushing, road dust	3745-15-05	A-D	DE MINIMIS AIR CONTAMINANT SOURCE EXEMPTION	ESTABLISHES LIMITS BELOW WHICH AIR DISCHARGE PERMITS ARE NOT NEEDED
2	APC			X		3745-15-08	A	CIRCUMVENTION	FORBIDS DILUTION OR OTHER MEANS TO CONCEAL EMISSIONS WITHOUT ACTUAL REDUCTIONS
3	APC	X				3745-17-08	A1,A2,B,D	EMISSION RESTRICTIONS FOR FUGITIVE DUST	ALL EMISSIONS OF FUGITIVE DUST SHALL BE CONTROLLED.
4	APC			X		3745-25-03		EMISSION CONTROL ACTION PROGRAMS	REQUIRES PREPARATION FOR AIR POLLUTION ALERTS, WARNINGS AND EMERGENCIES.
5	APC	X				3745-15-07	A	AIR POLLUTION NUISANCES PROHIBITED	DEFINES AIR POLLUTION NUISANCE AS THE EMISSION OR ESCAPE INTO THE AIR FROM ANY SOURCES(s)) OF SMOKE, ASHES, DUST, DIRT, GRIME, ACIDS, FUMES, GASES, VAPORS, ODORS AND COMBINATIONS OF THE ABOVE THAT ENDANGER HEALTH, SAFETY OR WELFARE OF THE PUBLIC OR CAUSE PERSONAL INJURY OR PROPERTY DAMAGE. SUCH NUISANCES ARE PROHIBITED.
6	APC		X			3704.05	A-I	PROHIBITS VIOLATION OF AIR POLLUTION CONTROL RULES	PROHIBITS EMISSION OF AN AIR CONTAMINANT IN VIOLATION SEC. 3704 OR ANY RULES, PERMIT, ORDER OR VARIANCE ISSUED PURSUANT TO THAT SECTION OF THE ORC.
7	APC	X			Demolition	3745-20-04	A-C	DEMOLITION PROCEDURES AND ASBESTOS EMISSION CONTROL	SPECIFIES PROCEDURES TO REDUCE EMISSIONS FROM DEMOLITION OF STRUCTURES CONTAINING ASBESTOS
8	APC	X			Demolition	3745-20-05	A-D	STANDARDS FOR ASBESTOS WASTE HANDLING	SPECIFIES PROCEDURES FOR HANDLING ASBESTOS WASTE GENERATED AT A DEMOLITION SITE. SITES THAT WILL UNDERGO WATER TREATMENT
9	APC			X	Not an asbestos waste site	3745-20-06	A,B	STANDARD FOR ACTIVE ASBESTOS WASTE DISPOSAL SITES	ESTABLISHES OPERATING STANDARDS FOR AN ACTIVE ASBESTOS WASTE DISPOSAL SITES.
10	APC			X		3745-20-07	A,B,C	STANDARD FOR INACTIVE ASBESTOS WASTE DISPOSAL SITES	ESTABLISHES EMISSIONS AND MAINTENANCE STANDARDS FOR INACTIVE ASBESTOS WASTE DISPOSAL SITES.
11	APC			X	No stack	3745-16-02	B,C	STACK HEIGHT REQUIREMENTS	ESTABLISHES ALLOWABLE STACK HEIGHT FOR AIR CONTAMINANT SOURCES BASED ON GOOD ENGINEERING PRACTICE.
12	APC			X		3745-17-07	A-D	VISIBLE PARTICULATE EMISSION CONTROL	SPECIFIES THE ALLOWABLE OPACITY FOR PARTICULATE EMISSIONS; PROVIDES EXCEPTIONS FOR UNCOMBINED WATER, START-UP/SHUTDOWN OF FUEL BURNING EQUIPMENT, MALFUNCTIONS.

Table 3-1
APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARs)
for the Former Satralloy Site

Line	Category	Potentially Applicable	Potentially Relevant & Appropriate	Not Applicable	Comment	Citation	Paragraph	Caption	Text
13	APC			X	None	3745-31-02	A,C,D	PERMIT TO INSTALL, GENERAL REQUIREMENTS	GENERAL REQUIREMENTS FOR PERMIT TO INSTALL AIR POLLUTION SOURCES
14	APC			X	None	3745-15-06	A1,A2	MALFUNCTION & MAINTENANCE OF AIR POLL CONTROL EQUIPMENT	ESTABLISHES SCHEDULED MAINTENANCE AND SPECIFIES WHEN POLLUTION SOURCE MUST BE SHUT DOWN DURING MAINTENANCE
15	APC			X	None	3745-21-03	B,C	METHODS OF AMBIENT AIR QUALITY MEASUREMENT	SPECIFIES MEASUREMENT METHODS TO DETERMINE AMBIENT AIR QUALITY FOR THE FOLLOWING CONSTITUENTS: CARBON MONOXIDE, OZONE AND NON-METHANE HYDROCARBONS.
16	APC			X	None	3745-25-02		AMBIENT AIR QUALITY STANDARDS	ESTABLISHES STANDARDS FOR PARTICULATES, SULFUR DIOXIDE, CARBON MONOXIDE, NITROGEN DIOXIDE, OZONE AND LEAD.
17	APC			X	None	3745-17-10	A,B,C	FUEL BURNING PARTICLE EMISSION RESTRICTIONS	ESTABLISHES PARTICULATE EMISSION LIMITATIONS FOR FUEL BURNING EQUIPMENT.
18	APC			X	No incineration	3745-17-09	A,B,C	INCINERATOR PARTICLE EMISSION & ODOR RESTRICTIONS	ESTABLISHES PARTICULATE EMISSION LIMITATIONS AND DESIGN-OPERATION REQUIREMENTS TO PREVENT THE EMISSION OF OBJECTIONABLE ODORS.
19	APC			X	No incineration	3745-21-08	A-E	CARBON MONOXIDE EMISSION CONTROL: STATIONARY SOURCES	REQUIRES ANY STATIONARY SOURCE OF CARBON MONOXIDE TO MINIMIZE EMISSIONS BY THE USE OF BEST AVAILABLE CONTROL TECHNOLOGIES AND OPERATING PRACTICES IN ACCORDANCE WITH BEST CURRENT TECHNOLOGY.
20	APC			X	Not municipal solid waste	3745-76-05		REPORTING AND RECORDKEEPING GUIDELINES	REQUIRES RECORD KEEPING IN ACCORDANCE WITH 3745-76-12 AND 13
21	APC			X		3745-76-06	A,B	COMPLIANCE TIMES	REQUIRES COMPLIANCE WITH TIME SCHEDULES ESTABLISHED IN 3745-76-06
22	APC			X		3745-76-03	A-C	CONTROL REQUIREMENTS FOR MUNICIPAL SOLID WASTE LANDFILL	ESTABLISHES SIZE AND EMISSION RATE REQUIREMENT FOR NMOC GAS CONTROL. ESTABLISHES PERFORMANCE REQUIREMENTS OF 98 PERCENT GAS DESTRUCTION OR 20 PPM IN EXHAUST GAS.
23	APC			X		3745-76-04		TEST METHODS AND PROCEDURES	REQUIRES CALCULATION OF GAS EMISSION RATE
24	APC			X		3745-76-07	A,B	STDS FOR AIR EMISSIONS FROM MUNICIPAL WASTE LANDFILLS	REQUIRES CALCULATION OF NMOC EMISSION VOLUMES, INSTALLATION OF GAS CONTROL SYSTEM IF THRESHOLD VOLUME OF 50 MEGAGRAMS/YEAR OF GAS IS EXCEEDED, AND START COLLECTION FROM EACH AREA THAT CEASES ACCEPTING WASTES. SPECIFIES STANDARDS FOR TERMINATION OF GAS COLLECTION.
25	APC			X		3745-76-08	A-G	OPERATIONAL STANDARDS FOR COLLECTION AND CONTROL	SPECIFIES OPERATIONAL PARAMETERS FOR GAS CONTROL SYSTEMS, INCLUDING TEMPERATURES AND GAS COMPOSITIONS IN SOURCE WELLS, GROUND LEVEL GAS COMPOSITIONS, AND MONITORING REQUIREMENTS.

Table 3-1
APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARs)
for the Former Satralloy Site

Line	Category	Potentially Applicable	Potentially Relevant & Appropriate	Not Applicable	Comment	Citation	Paragraph	Caption	Text
26	APC			X		3745-76-09	A-D	TESTS METHODS AND PROCEDURES	REQUIRES CALCULATION OF GAS EMISSION RATES, MEASUREMENT OF GAS COMPOSITION, MONITORING OF GAS VOLUMES AND COMPOSITIONS COLLECTED, AND DETERMINATION OF CONTROL SYSTEM EFFICIENCY.
27	APC			X		3745-76-10	A-E	COMPLIANCE PROVISIONS	REQUIRES CALCULATION OF EXPECTED GAS EMISSION RATES, DEMONSTRATION OF ADEQUACY OF GAS CONTROL SYSTEM, OPERATION OF GAS CONTROL SYSTEM IN CLOSED AREAS, MEASUREMENT OF SURFACE GAS CONCENTRATIONS AND CORRECTIVE ACTIONS SHOULD EMISSION STANDARDS BE EXCEEDED.
28	APC			X		3745-76-11	A-F	MONITORING OF OPERATIONS	REQUIRES SAMPLING PORTS, MONITORING OF GAS TEMPERATURE, PRESSURE AND COMPOSITION, GAS FLOW RATES, AND FLAME TEMPERATURE. DEMONSTRATE ADEQUATE PERFORMANCE OF ALTERNATIVE COLLECTION SYSTEMS. MONITOR SURFACE GAS CONCENTRATIONS.
29	APC			X		3745-76-12	A-G	REPORTING REQUIREMENTS	ESTABLISHES REPORTING REQUIREMENTS FOR LANDFILL SUBJECT TO NMOC EMISSION CONTROL RULES. INCLUDES DESIGN AND TECHNICAL DETAILS OF EQUIPMENT AS WELL AS RESULTS OF EMISSION MONITORING.
30	APC			X		3745-76-13	A-E	RECORDKEEPING REQUIREMENTS	ESTABLISHES REQUIREMENTS FOR RECORDS TO BE KEPT AT SITES SUBJECT TO NMOC EMISSION RULES.
31	APC			X		3745-76-14	A-C	SPECIFICATIONS FOR ACTIVE COLLECTION SYSTEMS	REQUIRES ADEQUATE DURABILITY AND PERFORMANCE OF GAS COLLECTION EQUIPMENT. GIVES TECHNICAL REQUIREMENTS TO BE MET.
32	APC			X		3745-76-15	A-D	FLARE REQUIREMENTS	SPECIFIES PERFORMANCE REQUIREMENTS FOR FLARES INCLUDING GAS FLOW RATES AND MINIMUM BTU CONTENT OF GAS TO BE FLARED.
33	APC			X	No open burning	3745-19-03	A,B,C,D	OPEN BURNING STANDARDS IN RESTRICTED AREAS	OPEN BURNING WITHOUT PRIOR AUTHORIZATION FROM OHIO EPA IS PROHIBITED.
34	APC			X	No open burning	3745-19-04	A,B,C,D	OPEN BURNING STANDARDS IN UNRESTRICTED AREAS	OPEN BURNING WITHOUT PRIOR AUTHORIZATION FROM OHIO EPA IS PROHIBITED
35	APC			X	None	3745-18-04	A,B,C,E,F	SULFUR DIOXIDE MEASUREMENT METHODS AND PROCEDURES	SPECIFIES TESTING METHODS AND PROCEDURES FOR SULFUR DIOXIDE EMISSIONS COMPLIANCE TESTING
36	APC			X	None	3745-18-06	A-G	SULFUR DIOXIDE EMISSION LIMIT PROVISIONS	ESTABLISHES GENERAL LIMIT PROVISIONS FOR SULFUR DIOXIDE.
37	APC			X	No VOC emissions	3745-21-09		VOC EMISSIONS CONTROL: STATIONARY SOURCES	ESTABLISHES LIMITATIONS FOR EMISSIONS OF VOLATILE ORGANIC COMPOUNDS FROM STATIONARY SOURCES.
38	APC			X	No VOC emissions	3745-23-02	A,B	MEASUREMENT METHODS FOR NITROGEN DIOXIDE	SPECIFIES METHODS OF MEASUREMENT FOR NITROGEN DIOXIDE TO DETERMINE AMBIENT AIR QUALITY.
39	APC DSW			X	None expected	3767.13		PROHIBITION OF NUISANCES	PROHIBITS NOXIOUS EXHALATIONS OR SMELLS AND THE OBSTRUCTION OF WATERWAYS.

Table 3-1

November 23, 2021

**APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARs)
for the Former Satralloy Site**

Line	Category	Potentially Applicable	Potentially Relevant & Appropriate	Not Applicable	Comment	Citation	Paragraph	Caption	Text
40	BUSTR			X	Tanks to be closed under Ohio BUSTR standards	1301-7-9-13		PETROLEUM UST CORRECTIVE ACTION	STANDARDS FOR REMEDIATION OF UST FACILITIES
41	CERCLA		X		Not an NPL site, consistent with NCP	40 CFR 300.440		CERCLA	Site cleanup under federal oversight
42	DERR	X			Likely part of remedy	5301	.80 to .92	UNIFORM ENVIRONMENTAL COVENANTS ACT	STANDARDS FOR ENVIRONMENTAL COVENANTS
43	DSIWM	X			Not a C&D landfill, but applies to clean hard fill (3745-400-05) such as crushed concrete	3714.13		DEMOLITION DEBRIS FACILITIES - VIOLATIONS PROHIBITED	PROHIBITS VIOLATIONS OF ANY SECTION OF CHAPTER 3714 CONCERNING CONSTRUCTION AND DEMOLITION DEBRIS DISPOSAL FACILITIES OR ANY RULE OR ORDER ISSUED PURSUANT TO IT. DISPOSAL OF ASBESTOS IS SPECIFICALLY PROHIBITED WITHOUT AUTHORIZATION.
44	DSIWM		X			3745-29-10	A-F	GROUNDWATER MONITORING PLAN FOR ISW LANDFILLS	REQUIRES GROUNDWATER MONITORING SYSTEM, LISTS CHEMICALS TO BE TESTED FOR, DISCUSSES STATISTICAL METHODS TO BE USED, REQUIRES CORRECTIVE ACTION PLANS IF CONTAMINATION IS FOUND.
45	DSIWM			X	No sanitary landfill	3745-27-12	I, J	EXPLOSIVE GAS MONITORING FOR SANITARY LANDFILLS	IDENTIFIES PARAMETERS AND SCHEDULE FOR EXPLOSIVE GAS MONITORING
46	DSIWM			X	Not applicable under AOC Policy and/or 3734.02(G) exemption.	3745-27-13		DISTURBANCES WHERE HAZ OR SOLID WASTE FAC WAS OPERATED	REQUIRES THAT A DETAILED PLAN BE PROVIDED TO DESCRIBE HOW ANY PROPOSED FILLING, GRADING, EXCAVATING, BUILDING, DRILLING OR MINING ON LAND WHERE A HAZARDOUS WASTE FACILITY OR SOLID WASTE FACILITY WAS OPERATED WILL BE ACCOMPLISHED. THIS INFORMATION MUST DEMONSTRATE THAT THE PROPOSED ACTIVITIES WILL NOT CREATE A NUISANCE OR ADVERSELY AFFECT THE PUBLIC HEALTH OR THE ENVIRONMENT. SPECIAL TERMS TO CONDUCT SUCH ACTIVITIES MAY BE IMPOSED BY THE DIRECTOR TO PROTECT THE PUBLIC AND THE ENVIRONMENT.
47	DSIWM			X	No incineration	3745-27-51	C,D,I,J,K,L,M,N	ADDITIONAL CRITERIA FOR SOLID WASTE INCINERATOR PTI	RULES FOR LOCATION OF INCINERATOR (SETBACK FROM WATER SUPPLIES, FLOODPLAINS, PARKLANDS, DOMICILES). CONSTRUCTION GUIDELINES INCLUDING LEACHATE CONTROL SYSTEM.
48	DSIWM			X	No incineration	3745-27-52	A-Z	OPERATION OF SOLID WASTE INCINERATOR FACILITIES	RULES FOR SAFE OPERATION OF INCINERATOR INCLUDING ACCESS CONTROL, FIRE CONTROL, RECORD KEEPING, EMERGENCY PLANS, ON-SITE STORAGE, WASTES FORBIDDEN FROM INCINERATION, GROUNDWATER MONITORING, LEACHATE CONTROL, WASTE HANDLING.
49	DSIWM			X	No incineration	3745-27-53	C,D	FINAL CLOSURE, SOLID WASTE INCINERATOR	REQUIRES INCINERATOR SITE TO BE DECONTAMINATED UPON CLOSURE AND LEACHATE SYSTEM DECOMMISSIONED TO PREVENT FUTURE POLLUTION PROBLEMS.
50	DSIWM			X	Not applicable under AOC Policy and/or 3734.02(G) exemption.	3745-29-06		PERMIT TO INSTALL ISW LANDFILL	REQUIRES TECHNICAL INFORMATION ON SITE AND SURROUNDING FOR PROPOSED LANDFILL AS WELL AS TECHNICAL DETAILS OF DESIGN AND OPERATION OF SITE.

Table 3-1
APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARs)
for the Former Satralloy Site

Line	Category	Potentially Applicable	Potentially Relevant & Appropriate	Not Applicable	Comment	Citation	Paragraph	Caption	Text
51	DSIWM			X		3745-29-07	C,D,H	ADDITIONAL CRITERIA FOR ISW LANDFILLS	SITING CRITERIA SPECIFY MINIMUM SETBACK DISTANCES FROM PARKLANDS, GROUNDWATER SOURCES, MINES RIVERS, PROPERTY LINES, DOMICILES AND SURFACE WATER
52	DSIWM			X		3745-29-08	C,D,E,F	CONSTRUCTION REQUIREMENTS FOR ISW LANDFILLS	SPECIFIES REQUIREMENTS FOR LINERS, TEST PADS, LEACHATE COLLECTION SYSTEMS, SURVEY MARKERS, SURFACE WATER CONTROL, GAS CONTROL, EARTHQUAKE RESISTANCE, CAPPING.
53	DSIWM			X		3745-29-11	B,G,H	FINAL CLOSURE OF ISW LANDFILLS	REQUIRES CAPPING , REGRADING, GROUNDWATER MONITORING, SURFACE WATER MANAGEMENT, LEACHATE CONTROL AND FENCING FOR CLOSED SITES.
54	DSIWM		X		This regulation does not contain substantive standards. It does reference the exemption provisions of 3734.02(G), which are anticipated for use at the Site.	3745-27-03	B	EXEMPTIONS TO SOLID WASTE REGULATIONS	DEFINES EXEMPTIONS TO SOLID WASTE REGULATIONS AND ESTABLISHES LIMITATIONS ON TEMPORARY STORAGE OF PUTRESCIBLE WASTE OR ANY SOLID WASTE WHICH CAUSES A NUISANCE OR HEALTH HAZARD. STORAGE OF PUTRESCIBLE WASTE BEYOND SEVEN DAYS IS CONSIDERED OPEN DUMPING.
55	DSIWM			X	Not applicable under AOC Policy and/or 3734.02(G) exemption.	3745-27-22	C,D,I,J,K,L	CRITERIA FOR PTI FOR SOLID WASTE TRANSFER FACILITIES	REQUIRES SETBACKS FROM FLOODPLAINS, SURFACE WATERS, PARKLANDS, DOMICILES. REQUIRES SUFFICIENT STRENGTH IN WASTE HANDLING FLOOR AND CONSTRUCTION OF LEACHATE CONTROL SYSTEM.
56	DSIWM			X		3745-29-19	E,F,J,K	OPERATIONAL CRITERIA FOR ISW LANDFILLS	SPECIFIES REQUIREMENTS FOR FENCING, LITTER CONTROL, RODENT CONTROL, FORBIDDEN WASTES (LIQUIDS, INFECTIOUS, ASBESTOS, PCB'S ETC.) COVER REQUIREMENTS, SURFACE WATER CONTROL, PERSONNEL QUALIFICATIONS, LEACHATE MANAGEMENT, CAPPING , RECORD KEEPING.
57	DSIWM			X	No infectious waste	3734.02.1		STANDARDS FOR INFECTIOUS WASTE HANDLING AND TREATMENT	ESTABLISHES STANDARDS FOR GENERATORS, TRANSPORTERS, AND OWNER OPERATORS OF TREATMENT FACILITIES FOR INFECTIOUS WASTE.
58	DSIWM			X		3734.03		PROHIBITS OPEN DUMPING OR BURNING	PROHIBITS OPEN BURNING OR OPEN DUMPING OF SOLID WASTE OR TREATED OR UNTREATED INFECTIOUS WASTE.
59	DSIWM			X	No open burning and dumping planned.	3745-27-05	A,B,C	AUTHORIZED, LIMITED & PROHIBITED SOLID WASTE DISPOSAL	ESTABLISHES ALLOWABLE METHODS OF SOLID WASTE DISPOSAL; SANITARY LANDFILL, INCINERATION, COMPOSTING. PROHIBITS MANAGEMENT BY OPEN BURNING AND OPEN DUMPING.
60	DSIWM			X	No wastes meeting "residual solid waste definition"	3745-30-04	A-C	RESIDUAL WASTE LANDFILL CLASSIFICATION	GIVES STANDARDS FOR CLASSIFICATION OF RESIDUAL WASTES. GIVES EXCEPTIONS FROM MONITORING, SOIL LINER, CAPPING, GEOMEMBRANE, LEACHATE COLLECTION REQUIREMENTS FOR CLASS IV WASTES.
61	DSIWM			X		3745-30-06	B	CRITERIA FOR PTI FOR RESIDUAL SOLID WASTE LANDFILL	LOCATION CRITERIA WITH RESPECT TO PARKLANDS, WATER SUPPLIES, QUAKE FAULTS, MINES, FLOODPLAINS. SEPARATION REQUIREMENTS BETWEEN LANDFILL LINERS AND AQUIFERS FOR EACH CLASS OF RESIDUAL SOLID WASTE.

Table 3-1
APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARs)
for the Former Satralloy Site

Line	Category	Potentially Applicable	Potentially Relevant & Appropriate	Not Applicable	Comment	Citation	Paragraph	Caption	Text
62	DSIWM			X		3745-30-07	C,D,E	RESIDUAL SOLID WASTE LANDFILL FACILITY CONSTRUCTION	LINER REQUIREMENTS FOR EACH CLASS OF RESIDUAL SOLID WASTE. REQUIREMENTS FOR GEOMEMBRANES, LEACHATE COLLECTION SYSTEM, WATER RUNOFF CONTROL, GAS CONTROL, TEST PADS, ETC.
63	DSIWM			X		3745-30-08	B-F	GROUNDWATER MONITORING, RESIDUAL SOLID WASTE LANDFILLS	REQUIRES MONITORING WELLS FOR UPPERMOST AQUIFER AND ZONE OF SATURATION BELOW LANDFILL. REQUIRES COLLECTION PLAN, QA PROCEDURES AND CORRECTIVE ACTION IF CONTAMINATION OCCURS.
64	DSIWM			X		3745-30-09	F	FINAL CLOSURE, RESIDUAL SOLID WASTE LANDFILL	REQUIRES CAPPING, GROUNDWATER MONITORING, SITE SECURITY AT RSW SITE,
65	DSIWM			X		3745-30-10	A,C	POST-CLOSURE CARE OF RESIDUAL WASTE LANDFILL FACILITIES	ESTABLISHES TIME FRAME FOR POST-CLOSURE CARE. REQUIRES MAINTENANCE OF CAP, LEACHATE CONTROL SYSTEM AND GAS CONTROL SYSTEM AND GROUND WATER MONITORING. MANDATES QUARTERLY INSPECTIONS.
66	DSIWM			X		3745-30-14	D-DD	OPERATION OF FACILITIES	REQUIRES CONTROL OF ODORS, NOISE, ACCESS, DUST, AIR EMISSIONS. INCLUDES REQUIREMENTS FOR CAPPING, COVERING, SURFACE WATER CONTROL, LEACHATE CONTROL, FIRE PREVENTION, NUISANCE AVOIDANCE.
67	DSIWM			X	No sanitary landfill	3745-27-08	C,D-H	CONSTRUCTION SPECIFICATIONS FOR SANITARY LANDFILLS	SPECIFIES THE MINIMUM REQUIREMENTS FOR THE SOIL/CLAY LAYERS, GRANULAR DRAINAGE LAYER, GEOSYNTHETICS, LEACHATE MANAGEMENT SYSTEM, GAS MONITORING SYSTEM, ETC. ALSO ESTABLISHES CONSTRUCTION REQUIREMENTS FOR FACILITIES TO BE LOCATED IN GEOLOGICALLY UNFAVORABLE AREAS.
68	DSIWM			X		3745-27-06	B,C	REQUIRED TECHNICAL INFORMATION FOR SANITARY LANDFILLS	SPECIFIES THE MINIMUM TECHNICAL INFORMATION REQUIRED OF A SOLID WASTE PERMIT TO INSTALL. INCLUDED ARE A HYDROGEOLOGIC INVESTIGATION REPORT, LEACHATE PRODUCTION AND MIGRATION INFORMATION, SURFACE WATER DISCHARGE INFORMATION, DESIGN CALCULATIONS, PLAN DRAWINGS.
69	DSIWM			X		3745-27-07	H	ADDITIONAL CRITERIA FOR SANITARY LANDFILL APPROVAL	ADDITIONAL SITING REQUIREMENTS WITH RESPECT TO GEOLOGY, WATER SUPPLIES, OCCUPIED PROPERTIES, PARKLANDS AND MINE SUBSIDENCE AREAS. GOVERNS EXPANSION OF EXISTING SITES

Table 3-1

November 23, 2021

**APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARs)
for the Former Satralloy Site**

Line	Category	Potentially Applicable	Potentially Relevant & Appropriate	Not Applicable	Comment	Citation	Paragraph	Caption	Text
70	DSIWM			X		3745-27-10	B,C,D,E,F	SANITARY LANDFILL - GW MONITORING AND CORRECTION	GROUND WATER MONITORING PROGRAM MUST BE ESTABLISHED FOR ALL SANITARY LANDFILL FACILITIES. THE SYSTEM MUST CONSIST OF A SUFFICIENT NUMBER OF WELLS THAT ARE LOCATED SO THAT SAMPLES INDICATE BOTH UPGRADIENT (BACKGROUND) AND DOWNGRADIENT WATER SAMPLES. THE SYSTEM MUST BE DESIGNED PER THE MINIMUM REQUIREMENTS SPECIFIED IN THIS RULE. THE SAMPLING AND ANALYSIS PROCEDURES USED MUST COMPLY WITH THIS RULE. SPECIFIES PROCEDURES FOR ASSESSMENT AND CORRECTION OF CONTAMINATION.
71	DSIWM			X		3745-27-11	B,G	FINAL CLOSURE OF SANITARY LANDFILL FACILITIES	REQUIRES CLOSURE OF A LANDFILL IN A MANNER WHICH MINIMIZES THE NEED FOR POST-CLOSURE MAINTENANCE AND MINIMIZES POST-CLOSURE FORMATION AND RELEASE OF LEACHATE AND EXPLOSIVE GASES TO AIR, SOIL GROUND WATER OR SURFACE WATER. SPECIFIES ACCEPTABLE CAP DESIGN; SOIL BARRIER LAYER, GRANULAR DRAINAGE LAYER, SOIL AND VEGETATIVE LAYER. PROVIDES FOR USE OF COMPARABLE MATERIALS TO THOSE SPECIFIED WITH APPROVAL OF DIRECTOR.
72	DSIWM			X		3745-27-12	A-Q	SANITARY LANDFILL - EXPLOSIVE GAS MONITORING	ESTABLISHES WHEN AN EXPLOSIVE GAS MONITORING PLAN IS REQUIRED FOR SOLID WASTE LANDFILLS. SPECIFIES THE MINIMUM INFORMATION REQUIRED IN SUCH A PLAN, INCLUDING DETAILED ENGINEERING PLANS, SPECIFICATIONS, INFORMATION ON GAS GENERATION POTENTIAL, SAMPLING AND MONITORING PROCEDURES, ETC. MANDATES WHEN REPAIRS MUST BE MADE TO AN EXPLOSIVE GAS MONITORING SYSTEM. THIS RULE ONLY APPLIES TO LANDFILLS WHICH RECEIVED PUTRESCIBLE SOLID WASTES. REQUIRES CORRECTIVE ACTIONS WHEN EXPLOSIVE GAS HAZARDS ARE DETECTED. EMPOWERS DIRECTOR TO ORDER ACTIONS TO ABATE EXPLOSIVE GAS HAZARDS.
73	DSIWM			X		3745-27-14	A	POST-CLOSURE CARE OF SANITARY LANDFILL FACILITIES	SPECIFIES THE REQUIRED POST-CLOSURE CARE FOR SOLID WASTE FACILITIES. INCLUDES CONTINUING OPERATION OF LEACHATE AND SURFACE WATER MANAGEMENT SYSTEMS, MAINTENANCE OF THE CAP SYSTEM AND GROUND WATER MONITORING.

Table 3-1
APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARs)
for the Former Satralloy Site

Line	Category	Potentially Applicable	Potentially Relevant & Appropriate	Not Applicable	Comment	Citation	Paragraph	Caption	Text
74	DSIWM			X		3745-27-19	E	SANITARY LANDFILL GENERAL OPERATIONAL REQUIREMENTS	SPECIFIES GENERAL OPERATIONAL REQUIREMENTS FOR SOLID WASTE LANDFILLS. INCLUDES REQUIREMENTS FOR: PREPARATIONS FOR OPERATING DURING INCLEMENT WEATHER; MANAGEMENT TO MINIMIZE NOISE , DUST AND ODORS; VECTOR CONTROL; ADEQUATE FIRE CONTROL EQUIPMENT; NOT CAUSING A NUISANCE OR HEALTH HAZARD OR WATER POLLUTION; MINIMIZATION OF DISTURBED AREA; CHEMICAL COMPATIBILITY TESTING, IF NECESSARY. SPECIFIES THAT BULK LIQUIDS, HAZARDOUS WASTE , PCBs AND INFECTIOUS WASTE MAY NOT BE ACCEPTED FOR DISPOSAL.
75	DSIWM			X		3745-27-19	H	SANITARY LANDFILL OPERATIONS - FINAL COVER	INCLUDES REQUIREMENTS FOR THE FINAL CAP SYSTEM FOR AREAS AT FINAL ELEVATIONS.
76	DSIWM			X		3745-27-19	J	SANITARY LANDFILL OPERATIONS - SURFACE WATER MGMNT.	SURFACE WATER MUST BE DIVERTED FROM AREAS WHERE SOLID WASTE IS BEING, OR HAS BEEN, DEPOSITED. ALSO REQUIRES RUN-ON AND RUN-OFF TO BE CONTROLLED TO MINIMIZE INFILTRATION THROUGH THE COVER MATERIALS AND TO MINIMIZE EROSION OF THE CAP SYSTEM.
77	DSIWM			X		3745-27-19	K	SANITARY LANDFILL OPERATIONS - LEACHATE MANAGEMENT	REQUIRES REPAIR OF LEACHATE OUTBREAKS; COLLECTION AND TREATMENT OF LEACHATE ON THE SURFACE OF THE LANDFILL; AND ACTIONS TO MINIMIZE, CONTROL OR ELIMINATE CONDITIONS CAUSING LEACHATE OUTBREAKS.
78	DSIWM			X		3745-27-19	F, G	SANITARY LANDFILL OPER. - DAILY AND INTERMEDIATE COVER	INCLUDES REQUIREMENTS FOR DAILY COVER AND INTERMEDIATE COVER FOR TEMPORARILY INACTIVE AREAS.
79	DSIWM			X		3745-27-19	L	SANITARY LANDFILL OPERATIONS - PCBs AND HAZARDOUS WASTE	REQUIRES OWNERS/OPERATORS TO CONDUCT A PROGRAM TO DETECT PCB WASTE AND HAZARDOUS WASTE PRIOR TO DISPOSAL. UPON DETECTION OR SUSPECTED DETECTION OF SUCH WASTES, REQUIRES THOSE WASTES TO NOT BE PLACED AT THE WORKING FACE OF THE LANDFILL AND TO MANAGE THOSE WASTES IN ACCORDANCE WITH APPLICABLE LAWS AND REGULATIONS.
80	DSIWM			X		3745-27-20	A,B,C	SANITARY LANDFILLS - PROHIBITIONS AND CLOSURE	RULES FOR NEW AND EXISTING SITES, LOCATION RULES WITH RESPECT OT FLOOD PLAINS, AIRPORTS, GEOLOGIC FAULTS PLUS LINER /LEACHATE REQUIREMENTS.
81	DSIWM			X		3734.041	A,C,D,G	EXPLOSIVE GAS MONITORING	REQUIRES EXPLOSIVE GAS MONITORING PLANS FOR SANITARY LANDFILLS AND PROVIDES AUTHORITY TO THE DIRECTOR OF OHIO EPA TO ORDER AN OWNER OR OPERATOR OF A FACILITY TO IMPLEMENT AN EXPLOSIVE GAS MONITORING AND REPORTING PLAN
82	DSIWM			X	Not within parklands	3734.11	(C)	SOLID WASTE FACILITY PROHIBITED IN PARKLANDS	PROHIBITS THE SITING OF ANY SOLID WASTE FACILITIES WITHIN STATE PARK, NATIONAL PARK OR NATIONAL RECREATION AREA.

Table 3-1
APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARs)
for the Former Satralloy Site

Line	Category	Potentially Applicable	Potentially Relevant & Appropriate	Not Applicable	Comment	Citation	Paragraph	Caption	Text
83	DSIWM			X	Not applicable under AOC Policy and/or 3734.02(G) exemption.	3745-29-14	A,B	POST CLOSURE CARE OF ISW LANDFILL	REQUIRES CONTINUING MAINTENANCE OF CAP, GROUNDWATER MONITORING SYSTEM, GAS CONTROL SYSTEM, LEACHATE CONTROL SYSTEM, SURFACE WATER CONTROL. MANDATES QUARTERLY INSPECTION. GENERALLY REQUIRES CARE FOR 30 YEARS AFTER CLOSURE.
84	DSIWM			X	No waste transfer after closure	3745-27-24	C,D,G	FINAL CLOSURE OF SOLID WASTE TRANSFER FACILITIES.	REQUIRES CLEANUP AND WASTE REMOVAL FROM TRANSFER FACILITY AFTER SHUTDOWN. REQUIRES DECOMMISSIONING OF LEACHATE CONTROL SYSTEM.
85	DSIWM			X		3745-27-23	D-Z	OPERATION OF SOLID WASTE TRANSFERS FACILITIES.	DISCUSSES ACCESS CONTROL, TIME LIMITS FOR TRANSFER, ODOR CONTROL, FORBIDDEN WASTES, LEACHATE CONTROL, GW MONITORING, EMERGENCY PLANNING
86	DSW	X			Water quality standards	6111.04		ACTS OF POLLUTION PROHIBITED	POLLUTION OF WATERS OF THE STATE IS PROHIBITED.
87	DSW	X				6111.07	A,C	WATER POLLUTION CONTROL REQUIREMENTS - DUTY TO COMPLY	PROHIBITS FAILURE TO COMPLY WITH REQUIREMENTS OF SECTIONS 6111.01 TO 6111.08 OR ANY RULES, PERMIT OR ORDER ISSUED UNDER THOSE SECTIONS.
88	DSW	X				3745-1-03		ANALYTICAL AND COLLECTION PROCEDURES	SPECIFIES ANALYTICAL METHODS AND COLLECTION PROCEDURES FOR SURFACE WATER DISCHARGES.
89	DSW	X				3745-1-04	A,,B,C,D,E	THE "FIVE FREEDOMS" FOR SURFACE WATER	ALL SURFACE WATERS OF THE STATE SHALL BE FREE FROM: A) OBJECTIONABLE SUSPENDED SOLIDS. B)FLOATING DEBRIS, OIL AND SCUM. C) MATERIALS THAT CREATE A NUISANCE. D) TOXIC, HARMFUL OR LETHAL SUBSTANCES. E) NUTRIENTS THAT CREATE NUISANCE GROWTH
90	DSW			X	NO discharge to POTW	3745-3-04	A-D	PROHIBITED DISCHARGES	PLACES RESTRICTIONS ON DISCHARGES TO POTW'S THAT MAY HARM TREATMENT FUNCTIONS OR PASS THROUGH TO RECEIVING STREAM.
91	DSW			X		3745-3-05	A-C	NOTIFICATION OF POTENTIAL PROBLEMS INCLUDING SLUG LOAD	REQUIRES INDUSTRIAL USERS TO NOTIFY POTW OF DISCHARGES THAT MAY ADVERSELY AFFECT TREATMENT OPERATIONS, INCLUDING SLUG LOADS
92	DSW			X	Not in conservancy district	6101.19		CONSERVANCY DISTRICTS	BOARD OF DIRECTORS OF A CONSERVANCY DISTRICT MAY MAKE AND ENFORCE RULES AND REGULATIONS PERTAINING TO CHANNELS, DITCHES, PIPES, SEWERS, ETC.
93	DSW	X			Won't put waste in Cross Creek	3767.14		PROHIBITION OF NUISANCES	PROHIBITION AGAINST THROWING REFUSE, OIL, OR FILTH INTO LAKES, STREAMS, OR DRAINS.
94	DSW			X	Rulemaking authority	6111.04.2		RULES REQUIRING COMPLIANCE WITH NATIONAL EFFLUENT STDS	ESTABLISHES REGULATIONS REQUIRING COMPLIANCE WITH NATIONAL EFFLUENT STANDARDS.
95	DSW			X	No industrial wastewater discharge	3745-1-06	A,B	MIXING ZONES FOR SURFACE WATER	(A) PRESENTS THE CRITERIA FOR ESTABLISHING NON-THERMAL MIXING ZONES FOR POINT SOURCE DISCHARGES (B) PRESENTS THE CRITERIA FOR ESTABLISHING THERMAL MIXING ZONES FOR POINT SOURCE DISCHARGES

Table 3-1

November 23, 2021

**APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARs)
for the Former Satralloy Site**

Line	Category	Potentially Applicable	Potentially Relevant & Appropriate	Not Applicable	Comment	Citation	Paragraph	Caption	Text
96	DSW			X	No industrial wastewater discharge	3745-1-07	C	WATER QUALITY CRITERIA	ESTABLISHES WATER QUALITY CRITERIA FOR POLLUTANTS WHICH DO NOT HAVE SPECIFIC NUMERICAL OR NARRATIVE CRITERIA IDENTIFIED IN TABLES 7-1 THROUGH 7-15 OF THIS RULE.
97	DSW			X	Establishes a use designations; not a compliance obligation	3745-1-16		WATER USE DES FOR SE OHIO TRIB	ESTABLISHES WATER USE DESIGNATIONS FOR STREAM SEGMENTS WITHIN THE SOUTHEAST OHIO TRIBUTARIES BASIN.
98	DSW			X		3745-1-32		OHIO RIVER STANDARDS	ESTABLISHES WATER USE DESIGNATIONS AND WATER CRITERIA FOR OHIO RIVER
99	DSW			X	Use designation for Ohio River Basin, which includes Cross Creek	3745-1-34		WATER QUALITY CRITERIA FOR OHIO RIVER DRAINAGE BASIN	ESTABLISHES CRITERIA FOR SURFACE WATER IN OHIO RIVER DRAINAGE BASIN.
100	DSW			X	River Basins other than Ohio River	3745-1-08 through 3745-1-33		Water quality criteria for specific rivers/basins	WATER USE DESIGNATIONS FOR SPECIFIC RIVERS/BASINS
101	DSW			X	No wastewater discharge	3745-1-05	A-C	ANTIDEGRADATION POLICY FOR SURFACE WATER	PREVENTS DEGRADATION OF SURFACE WATER QUALITY BELOW DESIGNATED USE OR EXISTING WATER QUALITY. EXISTING IN STREAM USES SHALL BE MAINTAINED AND PROTECTED. THE MOST STRINGENT CONTROLS FOR TREATMENT SHALL BE REQUIRED BY THE DIRECTOR TO BE EMPLOYED FOR ALL NEW AND EXISTING POINT SOURCE DISCHARGES. PREVENTS ANY DEGRADATION OF STATE RESOURCE WATERS
102	DSW			X	No proposed fill in Cross Creek (sediment removal would not require permit).	3745-32-05		WATER QUALITY CRITERIA FOR DECISION BY THE DIRECTOR	SPECIFIES SUBSTANTIVE CRITERIA FOR SECTION 401 WATER QUALITY CRITERIA FOR DREDGING, FILLING, OBSTRUCTING OR ALTERING WATERS OF THE STATE.
103	Federal CWA			X		40 CFR 230 - 233		Clean Water Act - Dredge or Fill Requirements (Section 404)	Regulates discharges of dredged or fill material into navigable waters.
104	DSW			X	Wetlands (federal or isolated) potentially impacted	3745-1-51	A-C	WETLAND NARRATIVE CRITERIA	LISTS CRITERIA TO BE PROTECTED IN WETLAND ENVIRONMENTS
105	DSW			X		3745-1-52		NUMERIC CHEMICAL CRITERIA FOR WASTE WATER DISCHARGE TO WETLANDS	REQUIRES THAT DISCHARGE CRITERIA APPLY AT END OF PIPE
106	DSW		X			3745-1-54	A-D	WETLAND ANTIDEGRADATION	REQUIRES THAT ALL WETLANDS BE ASSIGNED A CATEGORY CLASSIFICATION AND GIVES CRITERIA FOR CLASSIFICATION. DISCUSSES REQUIREMENTS FOR AVOIDANCE AND MINIMIZATION OF WETLANDS DAMAGE AS WELL AS COMPENSATORY MITIGATION.
107	DW			X	Applies only to public water supplies	3745-81-23	A,E	INORGANIC CONTAMINANT MONITORING REQUIREMENTS	PRESENTS MONITORING REQUIREMENTS FOR INORGANIC CONTAMINANTS.
108	DW			X		3745-81-27	A-E	ANALYTICAL TECHNIQUES	PRESENTS GENERAL ANALYTICAL TECHNIQUES FOR MCLS.

Table 3-1
APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARs)
for the Former Satralloy Site

Line	Category	Potentially Applicable	Potentially Relevant & Appropriate	Not Applicable	Comment	Citation	Paragraph	Caption	Text
109	DW			X		3745-81-11	A,B,C	MAXIMUM CONTAMINANT LEVELS FOR INORGANIC CHEMICALS	PRESENTS MAXIMUM CONTAMINANT LEVELS FOR INORGANICS.
110	DW			X		3745-81-12	A,B,C	MAXIMUM CONTAMINANT LEVELS FOR ORGANIC CHEMICALS	PRESENTS MCLS FOR ORGANICS.
111	DW			X		3745-81-24	A-E	ORGANIC CONTAMINANT MONITORING REQUIREMENTS	PRESENTS MONITORING REQUIREMENTS FOR ORGANIC CONTAMINANTS.
112	DW			X	No microbial contamination of groundwater	3745-81-21	A,B	MICROBIOLOGICAL CONTAMINANT SAMPLING & ANALYTICAL REQ	PRESENTS SAMPLING AND ANALYTICAL REQUIREMENTS FOR MICROBIOLOGICAL CONTAMINANTS.
113	DW			X		3745-81-14	A-E	MAXIMUM MICROBIOLOGICAL CONTAMINANT LEVELS	PRESENTS MCLS FOR MICROBIOLOGICAL CONTAMINANTS
114	DW			X		3745-81-60	A,B,C	SANITARY SURVEYS	SANITARY SURVEY REQUIREMENTS FOR SITES WHICH DO NOT COLLECT FIVE OR MORE ROUTINE TOTAL COLIFORM SAMPLES PER MONTH.
115	DW			X	No radioactive impacts to groundwater	3745-81-15	A,B	MAXIMUM CONTAMINANT LEVELS AND BEST AVAILABLE TECHNOLOGIES FOR RADIONUCLIDE CONTAMINANTS.	PRESENTS MCLS FOR RADIUM-226, RADIUM-228 AND GROSS ALPHA PARTICLE ACTIVITY.
116	DW			X		3745-81-25	A-D	ANALYTICAL METHODS FOR RADIOACTIVITY	PRESENTS ANALYTICAL METHODS FOR RADIOACTIVITY.
117	DW			X		3745-81-26	A,B,C	MONITORING FREQUENCY FOR RADIOACTIVITY	PRESENTS MONITORING REQUIREMENTS FOR RADIOACTIVITY.
118	DW			X	No drinking water use of Cross Creek	3745-81-73	A,B,C	FILTRATION OF WATER FROM SURFACE WATER SOURCES	CONVENTIONAL FILTRATION, SLOW SAND FILTRATION, OR OTHER FILTRATION TREATMENT TECHNOLOGIES FOR TREATMENT OF SURFACE WATER
119	DW			X		3745-81-74	A-D	TURBIDITY AND DISINFECTION MONIT REQ. FOR SURFACE WATER	TURBIDITY AND DISINFECTION MONITORING REQUIREMENTS FOR SURFACE WATER SYSTEMS
120	DW			X		3745-81-71	A,B	GEN REQ FOR FILTRATION & DISINFECTION FOR SURFACE WATER	TREATMENT STANDARDS FOR GIARDIA LAMBLIA, VIRUSES, HETEROTROPHIC PLATE COUNT BACTERIA, LEGIONELLA, TURBIDITY
121	DW			X		3745-81-72	A,B	DISINFECTION OF WATER FROM SURFACE WATER SOURCES	DISINFECTION REQUIREMENTS AND TREATMENT OF SURFACE WATER
122	GW	X			Groundwater monitoring wells	3745-9-03	A-C	MONITORING WELL	STANDARDS FOR DESIGN AND CLOSURE OF WELLS, COMPLIANCE WITH DDAGW GUIDANCE
123	GW	X				3745-9-04	A,B	WELL SITING	MANDATES THAT GROUND WATER WELLS BE:A) LOCATED AND MAINTAINED SO AS TO PREVENT CONTAMINANTS FROM ENTERING WELL.B) LOCATED SO AS TO BE ACCESSIBLE FOR CLEANING AND MAINTENANCE.

Table 3-1
APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARs)
for the Former Satralloy Site

Line	Category	Potentially Applicable	Potentially Relevant & Appropriate	Not Applicable	Comment	Citation	Paragraph	Caption	Text
124	GW	X				3745-9-05	A1,B-H	WELL CONSTRUCTION	SPECIFIES MINIMUM CONSTRUCTION REQUIREMENTS FOR NEW GROUND WATER WELLS IN REGARDS TO CASING MATERIAL, CASING DEPTH, POTABLE WATER, ANNULAR SPACES, USE OF DRIVE SHOE, OPENINGS TO ALLOW WATER ENTRY, CONTAMINANT ENTRY.
125	GW	X				3745-9-06	A	WELL CONSTRUCTION, SPECIFIC GEOLOGIC CONDITIONS	ESTABLISHES SPECIFIC REQUIREMENTS FOR WELLS IN DIFFERENT TYPES OF AQUIFERS
126	GW	X				3745-9-07	A-C	WELL GROUTING FOR CONSTRUCTION OF CLOSURE	ESTABLISHES SPECIFIC GROUTING PROCEDURES
127	GW	X				3745-9-10	A,B,C	ABANDONED WELL SEALING	PROCEDURES FOR CLOSING AND SEALING WELLS.
128	HW			X	No accute hazardous waste	3734.14.1		CONDITIONS FOR DISPOSAL OF ACUTE HAZARDOUS WASTE	PROHIBITS DISPOSAL OF ACUTE HAZARDOUS WASTE UNLESS IT: (1) CANNOT BE TREATED, RECYCLED OR DESTROYED; (2) HAS BEEN REDUCED TO ITS LOWEST LEVEL OF TOXICITY; AND (3) HAS BEEN COMPLETELY ENCAPSULATED OR PROTECTED TO PREVENT LEACHING.
129	HW			X	Not applicable under AOC Policy and/or 3734.02(G) exemption.	3745-270-03	A-D	DILUTION PROHIBITED AS A SUBSTITUTE FOR TREATMENT.	FORBIDS DILUTION AS A MEANS OF ACHIEVING LAND DISPOSAL RESTRICTION LEVELS
130	HW			X		3745-270-45	A-D	TREATMENT STANDARDS FOR HAZARDOUS DEBRIS	SPECIFIES TREATMENT TECHNOLOGIES AND PERFORMANCE STANDARDS FOR VARIOUS DEBRIS.
131	HW			X		3745-270-49	A-E	LAND DISPOSAL RESTRICTION FOR CONTAMINATED SOILS	SPECIFIES STANDARDS FOR SOIL TREATMENT
132	HW			X	No dioxin	3745-270-31	A-D	WASTE SPECIFIC PROHIBITIONS: DIOXIN WASTES	RULES AND RESTRICTIONS WITH RESPECT TO LAND DISPOSAL OF DIOXIN WASTES, ALSO CERCLA EXEMPTION
133	HW			X	No drip pads	3745-50-44	C13	ADDTL. PERMIT INFO: DRIP PADS	TECHNICAL INFORMATION REQUIRED FOR DRIP PAD OPERATION
134	HW			X	No F wastes	3745-56-33	A,B	SPECIAL REQUIREMENTS FOR "F" WASTES IN SURFACE IMPOUND.	PROHIBITS THE PLACEMENT OF HAZARDOUS WASTES F020, F021, F022, F023, F026 AND F027 IN SURFACE IMPOUNDMENTS.
135	HW			X		3745-56-60	A,B	SPECIAL REQUIREMENTS FOR "F" WASTES IN WASTE PILES	PROHIBITS THE PLACEMENT OF HAZARDOUS WASTES F020, F021, F022, F023, F026 AND F027 IN WASTE PILES.
136	HW			X		3745-56-83	A,B	SPECIAL REQUIREMENTS FOR "F" WASTES IN LAND TREATMENT	PROHIBITS THE PLACEMENT OF HAZARDOUS WASTES F020, F021, F022, F023, F026 AND F027 IN LAND TREATMENT UNITS.
137	HW			X	Not applicable under AOC Policy and/or 3734.02(G) exemption. Note that process residuals pass TCLP.	3734.02	(H)	"DIGGING" WHERE HAZ OR SOLID WASTE FACILITY WAS LOCATED	FILLING, GRADING, EXCAVATING, BUILDING, DRILLING OR MINING ON LAND WHERE HAZARDOUS WASTE OR SOLID WASTE FACILITY WAS OPERATED IS PROHIBITED WITHOUT PRIOR AUTHORIZATION FROM THE DIRECTOR OF THE OHIO EPA.

Table 3-1
APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARs)
for the Former Satralloy Site

Line	Category	Potentially Applicable	Potentially Relevant & Appropriate	Not Applicable	Comment	Citation	Paragraph	Caption	Text
138	HW			X		3745-50-44	B	PERMIT INFO REQ FOR ALL HAZ WASTE LAND DISP FACILITIES	ESTABLISHES THE SUBSTANTIVE HAZARDOUS WASTE LAND DISPOSAL PERMIT REQUIREMENTS NECESSARY FOR OHIO EPA TO DETERMINE ADEQUATE PROTECTION OF THE GROUND WATER. INCLUDES INFORMATION SUCH AS GROUND WATER MONITORING DATA, INFORMATION ON INTERCONNECTED AQUIFERS, PLUME(S) OF CONTAMINATION, PLANS AND REPORTS ON GROUND WATER MONITORING PROGRAM, ETC. MANAGEMENT OF SOLID/HAZARDOUS WAS
139	HW			X		3745-52-11	A-D	EVALUATION OF WASTES	ANY PERSON GENERATING A WASTE MUST DETERMINE IF THAT WASTE IS A HAZARDOUS WASTE (EITHER THROUGH LISTING OR BY CHARACTERISTIC).
140	HW			X		3745-51-05	A-J	SPECIAL REQ. FOR CONDITIONALLY EXEMPT SMALL QUANTITY GENERATORS	SPECIFIES REQUIREMENTS FOR CONDITIONALLY EXEMPT SMALL QUANTITY GENERATORS OF HAZARDOUS WASTE. PROVIDES RELIEF FROM MANY OF THE HAZARDOUS WASTE REGULATIONS.
141	HW			X		3745-52-30		HAZARDOUS WASTE PACKAGING	REQUIRES A GENERATOR TO PACKAGE HAZARDOUS WASTE IN ACCORDANCE WITH U.S. DOT REGULATIONS FOR TRANSPORTATION OFF-SITE.
142	HW			X		3745-52-31		HAZARDOUS WASTE LABELING	REQUIRES PACKAGES OF HAZARDOUS WASTE TO BE LABELED IN ACCORDANCE WITH U.S.DOT REGULATIONS FOR OFF-SITE TRANSPORTATION.
143	HW			X		3745-52-32		HAZARDOUS WASTE MARKING	SPECIFIES LANGUAGE FOR MARKING PACKAGES OF HAZARDOUS WASTE PRIOR TO OFF-SITE TRANSPORTATION
144	HW			X		3745-52-33		HAZARDOUS WASTE PLACARDING	GENERATOR SHALL PLACARD HAZARDOUS WASTE PRIOR TO OFF-SITE TRANSPORTATION.
145	HW			X		3745-52-34		ACCUMULATION TIME OF HAZARDOUS WASTE	IDENTIFIES MAXIMUM TIME PERIODS THAT A GENERATOR MAY ACCUMULATE A HAZARDOUS WASTE WITHOUT BEING CONSIDERED AN OPERATOR OF A STORAGE FACILITY. ALSO ESTABLISHES STANDARDS FOR MANAGEMENT OF HAZARDOUS WASTES BY GENERATORS.
146	HW			X		3745-52-40	A-D	RECORDKEEPING REQUIREMENTS, THREE YEAR RETENTION	SPECIFIES RECORDS THAT SHALL BE KEPT FOR THREE YEARS
147	HW			X		3745-55-71		CONDITION OF CONTAINERS	CONTAINERS HOLDING HAZARDOUS WASTE MUST BE MAINTAINED IN GOOD CONDITION (NO RUST OR STRUCTURAL DEFECTS).
148	HW			X		3745-55-72		COMPATIBILITY OF WASTE WITH CONTAINERS	HAZARDOUS WASTES PLACED IN CONTAINER MUST NOT REACT WITH THE CONTAINER MATERIAL OR LINER MATERIAL.
149	HW			X		3745-55-73		MANAGEMENT OF CONTAINERS	CONTAINERS HOLDING HAZARDOUS WASTE MUST BE CLOSED (EXCEPT TO ADD OR REMOVE WASTE) AND MUST NOT BE HANDLED IN A MANNER THAT MAY RUPTURE THE CONTAINER OR CAUSE IT TO LEAK.
150	HW			X		3745-55-74		CONTAINER INSPECTIONS	REQUIRES AT LEAST WEEKLY INSPECTIONS OF CONTAINER STORAGE AREAS.

Table 3-1
APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARs)
for the Former Satralloy Site

Line	Category	Potentially Applicable	Potentially Relevant & Appropriate	Not Applicable	Comment	Citation	Paragraph	Caption	Text
151	HW			X		3745-55-75	A,B,C,D	CONTAINER STORAGE AREA CONTAINMENT SYSTEM	REQUIRES THAT CONTAINER STORAGE AREAS HAVE A CONTAINMENT SYSTEM AND SPECIFIES THE MINIMUM REQUIREMENTS OF SUCH A SYSTEM.
152	HW			X		3745-55-78		CONTAINER CLOSURE REQUIREMENTS	SPECIFIES CLOSURE REQUIREMENTS FOR CONTAINERS AND CONTAINMENT SYSTEM.
153	HW			X		3745-55-92	A-G	DESIGN & INSTALLATION OF NEW TANK SYSTEMS OR COMPONENTS	REQUIRES A SECONDARY CONTAINMENT SYSTEM FOR TANKS AND ASSESSMENT TO DETERMINE TANK INTEGRITY.
154	HW			X		3745-55-93	A-G,I	CONTAINMENT AND DETECTION OF RELEASES FOR TANK SYSTEMS	REQUIRES SECONDARY CONTAINMENT AND LEAK DETECTION SYSTEMS FOR TANKS.
155	HW			X		3745-55-94	A,B,C	GENERAL OPERATING REQUIREMENTS FOR TANK SYSTEMS	SPECIFIES GENERAL OPERATING REQUIREMENTS FOR TANK SYSTEMS.
156	HW			X		3745-55-95	A-D	INSPECTIONS OF TANK SYSTEMS	REQUIRES INSPECTIONS AT LEAST ONCE EACH OPERATING DAY.
157	HW			X		3745-55-96	A,B,C,E	RESPONSE TO LEAKS OR SPILLS OF TANK SYSTEMS	REQUIRES THAT UNFIT TANKS BE REMOVED FROM USE AND FURTHER RELEASES BE PREVENTED.
158	HW			X		3745-55-97	A,B	CLOSURE AND POST-CLOSURE CARE FOR TANK SYSTEMS	SPECIFIES CLOSURE AND POST-CLOSURE REQUIREMENTS FOR TANK SYSTEMS.
159	HW			X	No land treatment	3745-56-71	A,C	LAND TREATMENT PROGRAM	A LAND TREATMENT PROGRAM MUST BE DESIGNED TO ENSURE THAT HAZARDOUS CONSTITUENTS PLACED IN OR ON THE TREATMENT ZONE ARE DEGRADED, TRANSFORMED OR IMMOBILIZED WITHIN THE TREATMENT ZONE.
160	HW			X		3745-56-72	A,C	LAND TREATMENT DEMONSTRATION	PRIOR TO THE ACTUAL LAND TREATMENT PROGRAM, A DEMONSTRATION (FIELD OR LABORATORY TESTS) MUST BE CONDUCTED.
161	HW			X		3745-56-73	A-G	LAND TREATMENT DESIGN AND OPERATING REQUIREMENTS	A LAND TREATMENT UNIT MUST BE DESIGNED, CONSTRUCTED, OPERATED AND MAINTAINED TO MAXIMIZE DEGRADATION, TRANSFORMATION AND IMMOBILIZATION OF HAZARDOUS CONSTITUENTS IN THE TREATMENT ZONE.
162	HW			X		3745-56-76	A-C,E	LAND TREATMENT FOOD-CHAIN CROPS	FOOD CHAIN CROPS MAY ONLY BE GROWN IN OR ON THE TREATMENT ZONE IF ALLOWED BY THE DIRECTOR. THE CRITERIA FOR THE DIRECTOR TO MAKE THIS DECISION ARE PROVIDED IN THIS RULE.
163	HW			X		3745-56-78	A-F	LAND TREATMENT UNSATURATED ZONE MONITORING	AN UNSATURATED ZONE MONITORING PROGRAM MUST BE ESTABLISHED FOR ALL LAND TREATMENT UNITS. THE REQUIREMENTS OF THIS PROGRAM ARE PRESENTED BY THIS RULE.
164	HW			X		3745-56-80	A-E	LAND TREATMENT CLOSURE & POST-CLOSURE CARE	ESTABLISHES CLOSURE AND POST-CLOSURE REQUIREMENTS FOR LAND TREATMENT UNITS.
165	HW			X		3745-56-82		LAND TREATMENT REQUIREMENTS FOR INCOMPATIBLE WASTES	PROHIBITS THE PLACEMENT OF INCOMPATIBLE WASTE IN OR ON THE TREATMENT ZONE.
166	HW			X	Not applicable under AOC Policy and/or 3734.02(G) exemption. Note that process residuals pass TCLP.	3745-54-90		GROUND WATER PROTECTION; APPLICABILITY	ESTABLISHES CIRCUMSTANCES UNDER WHICH AN OPERATOR OF A HAZARDOUS WASTE FACILITY MUST IMPLEMENT A GROUND WATER PROTECTION PROGRAM OR A CORRECTIVE ACTION PROGRAM.

Table 3-1
APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARs)
for the Former Satralloy Site

Line	Category	Potentially Applicable	Potentially Relevant & Appropriate	Not Applicable	Comment	Citation	Paragraph	Caption	Text
167	HW			X		3745-54-91	A	REQ GROUND WATER PROGRAMS FOR HAZ WASTE FACILITIES	PRESENTS THE GROUND WATER MONITORING AND RESPONSE PROGRAMS REQUIRED FOR HAZARDOUS WASTE LAND-BASED UNITS.
168	HW			X		3745-54-92		GROUND WATER PROTECTION STANDARD; HAZ WASTE FACILITIES	COMPLIANCE MUST BE ATTAINED WITH THE CONDITIONS SPECIFIED IN THE PERMIT TO ENSURE THAT HAZARDOUS CONSTITUENTS (SEE 3745-54-93) DO NOT EXCEED THE PROMULGATED LIMITS (SEE 3745-54-94).
169	HW			X		3745-54-95	A,B	POINT OF COMPLIANCE FOR GROUND WATER; HAZ WASTE FACIL	ESTABLISHES POINT OF COMPLIANCE AT VERTICAL SURFACE LOCATED AT THE HYDRAULICALLY DOWNGRADIENT LIMIT OF THE WASTE MANAGEMENT AREA THAT EXTENDS DOWN INTO THE UPPERMOST AQUIFER UNDERLYING THE UNIT(S).
170	HW			X		3745-54-96	A,B,C	COMPLIANCE PERIOD FOR GROUND WATER; HAZ WASTE FACIL	COMPLIANCE PERIOD DURING WHICH THE GROUND WATER PROTECTION STANDARDS APPLY WILL BE SPECIFIED IN THE PERMIT. RULE REQUIRES THAT THE COMPLIANCE PERIOD FOR A FACILITY UNDERGOING A CORRECTIVE ACTION PROGRAM WILL EXTEND UNTIL IT CAN BE DEMONSTRATED THAT THE GROUND WATER PROTECTION STANDARD OF OAC 3745-54-92 HAS NOT BEEN EXCEEDED FOR A PERIOD OF THREE CONSECUTIVE YEARS.
171	HW			X		3745-54-97	A-H	GEN GROUND WATER MONITORING REQUIREMENTS; HAZ WASTE FAC	PRESENTS GENERAL GROUND WATER MONITORING PROGRAM REQUIREMENTS. INCLUDES NUMBER, LOCATION AND DEPTH OF WELLS, CASING REQUIREMENTS, SAMPLING AND ANALYSIS PROCEDURES, ETC.
172	HW			X		3745-54-98	A-I	GROUND WATER DETECTION MONITORING PROG; HAZ WASTE FAC	PRESENTS REQUIREMENTS OF GROUND WATER DETECTION PROGRAM.
173	HW			X		3745-54-100		CORRECTIVE ACTION PROGRAM	REQUIRES ACTIONS TO ASSURANCE THAT GROUND WATER MEETS APPLICABLE STANDARDS
174	HW			X		3745-54-99	A-J	GROUND WATER COMPLIANCE MONITORING PROG; HAZ WASTE FAC	PRESENTS REQUIREMENTS OF GROUND WATER COMPLIANCE MONITORING PROGRAM.
175	HW			X		3745-55-01	A-F	GROUND WATER CORRECTIVE ACTION PROGRAM; HAZ WASTE FAC	PRESENTS THE REQUIREMENTS OF A GROUND WATER CORRECTIVE ACTION PROGRAM THAT PREVENTS HAZARDOUS CONSTITUENTS FROM EXCEEDING THEIR RESPECTIVE CONCENTRATION LIMITS AT THE COMPLIANCE POINT BY EITHER REMOVAL OR TREATMENT OF THESE HAZARDOUS CONSTITUENTS.

Table 3-1
APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARs)
for the Former Satralloy Site

Line	Category	Potentially Applicable	Potentially Relevant & Appropriate	Not Applicable	Comment	Citation	Paragraph	Caption	Text
176	HW			X		3745-55-011	A,C	CORRECTIVE ACTION FOR WASTE MANAGEMENT UNITS	REQUIRES AN APPLICANT FOR A HAZARDOUS WASTE PERMIT TO INSTITUTE CORRECTIVE ACTION FOR ALL RELEASES OF HAZARDOUS WASTE OR CONSTITUENTS FROM ANY WASTE MANAGEMENT UNIT, REGARDLESS OF THE TIME AT WHICH WASTE WAS PLACED IN SUCH UNIT.
177	HW			X		3745-55-17	B	POST-CLOSURE CARE AND USE OF PROPERTY	SPECIFIES THE POST-CLOSURE CARE REQUIREMENTS, INCLUDING MAINTENANCE, MONITORING AND POST-CLOSURE USE OF PROPERTY.
178	HW			X		3745-55-18	B	POST-CLOSURE PLAN	PRESENTS THE INFORMATION NECESSARY FOR OHIO EPA TO DETERMINE THE ADEQUACY OF A POST-CLOSURE PLAN.
179	HW			X		3745-55-19	B	NOTICE TO LOCAL LAND AUTHORITY	REQUIRES THAT A RECORD OF THE TYPE, LOCATION AND QUANTITY OF HAZARDOUS WASTES DISPOSED OF IN EACH UNIT BE SUBMITTED TO THE LOCAL LAND AUTHORITY AND THE DIRECTOR OF THE OHIO EPA. ALSO REQUIRES THAT A NOTATION TO THE DEED TO THE FACILITY PROPERTY BE MADE INDICATING THAT THE LAND WAS USED TO MANAGE HAZARDOUS WASTES AND THAT CERTAIN USE RESTRICTIONS MAY APPLY TO THE PROPERTY.
180	HW			X		3745-57-03	A-I	LANDFILL DESIGN AND OPERATING REQUIREMENTS	PRESENTS DESIGN AND OPERATING REQUIREMENTS FOR LANDFILLS. INCLUDES LINER, LEACHATE COLLECTION AND REMOVAL, RUN-ON/RUN-OFF CONTROL, ETC.
181	HW			X		3745-57-09		SURVEYING AND RECORD KEEPING	ESTABLISHES REQUIREMENTS FOR SURVEYING AND RECORDING LOCATIONS AND CONTENTS OF CELLS
182	HW			X		3745-57-05	A,B	MONITORING AND INSPECTIONS OF LANDFILLS	REQUIRES INSPECTION OF LANDFILLS DURING CONSTRUCTION OR INSTALLATION AND OPERATION.
183	HW			X		3745-57-10	A,B	LANDFILL CLOSURE AND POST-CLOSURE CARE	SPECIFIES CLOSURE AND POST-CLOSURE REQUIREMENTS FOR HAZARDOUS WASTE LANDFILLS. INCLUDES FINAL COVER AND MAINTENANCE.
184	HW			X		3745-57-15	A,B	LANDFILL REQUIREMENTS FOR CONTAINERS	UNLESS THEY ARE VERY SMALL, CONTAINERS MUST EITHER BE AT LEAST 90% FULL WHEN PLACED IN THE LANDFILL OR CRUSHED/SHREDDED PRIOR TO PLACEMENT IN THE LANDFILL.
185	HW			X		3745-57-16	A-F	DISPOSAL OF SMALL CONTAINERS OF HAZARDOUS WASTE IN OVER	LAB PACKS CONTAINING HAZARDOUS WASTE MAY BE PLACED IN A LANDFILL IF CERTAIN REQUIREMENTS ARE MET.
186	HW			X		3745-57-17	A	LANDFILL CONSTRUCTION INSPECTIONS	ALLOWS OHIO EPA OPPORTUNITY TO INSPECT LANDFILL DURING CONSTRUCTION.

Table 3-1
APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARs)
for the Former Satralloy Site

Line	Category	Potentially Applicable	Potentially Relevant & Appropriate	Not Applicable	Comment	Citation	Paragraph	Caption	Text
187	HW			X		3745-57-18	A,B	SPECIAL REQUIREMENTS FOR "F" WASTES IN LANDFILLS	PROHIBITS THE PLACEMENT OF HAZARDOUS WASTES F020, F021, F022, F023, F026 AND F027 IN LANDFILLS.
188	HW			X		3745-50-44	C4	ADD'L PERMIT INFO: HAZ WASTE STOR/TREAT IN WASTE PILES	ESTABLISHES SUBSTANTIVE HAZARDOUS WASTE PERMIT REQUIREMENTS NECESSARY FOR OHIO EPA TO DETERMINE ADEQUACY OF WASTE PILES USED TO TREAT OR STORE HAZARDOUS WASTE. INCLUDES INFORMATION SUCH AS WASTE CHARACTERISTICS, DETAILED DESIGN PLANS AND REPORTS, CONTROL OF RUN-ON AND RUN-OFF, CLOSURE INFORMATION, ETC.
189	HW			X		3745-56-52		ACTION LEAKAGE RATE	REQUIRES ESTABLISHMENT OF ACTION LEAKAGE RATE SUCH THAT FLUID HEAD ON LINER IS LESS THAN ONE FOOT.
190	HW			X		3745-56-51	A-F	DESIGN & OPERATING REQUIREMENTS FOR WASTE PILES	SPECIFIES THE DESIGN AND OPERATION REQUIREMENTS FOR WASTE PILES. INCLUDES LINER SYSTEM, LEACHATE COLLECTION AND REMOVAL SYSTEM, WIND DISPERSAL PREVENTION AND RUN-ON/RUN-OFF CONTROL.
191	HW			X		3745-56-54	A,B	MONITORING & INSPECTION OF WASTE PILES	WASTE PILES MUST BE MONITORED DURING CONSTRUCTION OR INSTALLATION AND OPERATION.
192	HW			X		3745-56-58	A,B,C	CLOSURE & POST-CLOSURE CARE FOR WASTE PILES	SPECIFIES CLOSURE AND POST-CLOSURE CARE REQUIREMENTS FOR WASTE PILES.
193	HW			X		3745-51-06	A,B,C(1)	REQUIREMENTS FOR RECYCLED MATERIALS	DEFINES RECYCLED HAZARDOUS WASTES AND ESTABLISHES SPECIFIC EXEMPTIONS FOR THESE WASTES FROM THE HAZARDOUS WASTE REGULATIONS.
194	HW			X		3745-50-44	C1	ADD'L PERMIT INFO: HAZ WASTE STORAGE IN CONTAINERS	ESTABLISHES THE SUBSTANTIVE HAZARDOUS WASTE PERMIT REQUIREMENTS NECESSARY FOR OHIO EPA TO DETERMINE ADEQUACY OF CONTAINER STORAGE. INCLUDES INFORMATION SUCH AS DESCRIPTION OF CONTAINMENT SYSTEM, DETAILED DRAWINGS, ETC. SEE OAC 3745-55-70 THROUGH 3745-55-78 FOR ADDITIONAL CONTAINER REQUIREMENTS.
195	HW			X		3745-52-12	A-C	GENERATOR IDENTIFICATION NUMBER	A GENERATOR MUST NOT STORE, TREAT DISPOSE OR TRANSPORT HAZARDOUS WASTES WITHOUT A GENERATOR NUMBER
196	HW			X		3745-52-20		HAZARDOUS WASTE MANIFEST GENERAL REQUIREMENTS	REQUIRES A GENERATOR WHO TRANSPORTS OR OFFERS FOR TRANSPORTATION HAZARDOUS WASTE FOR OFF-SITE TREATMENT, STORAGE OR DISPOSAL TO PREPARE A UNIFORM HAZARDOUS WASTE MANIFEST
197	HW			X		3745-52-22		HAZARDOUS WASTE MANIFEST NUMBER OF COPIES	SPECIFIES THE NUMBER OF MANIFEST COPIES TO BE PREPARED
198	HW			X		3745-52-23		HAZARDOUS WASTE MANIFEST USE	SPECIFIES PROCEDURES FOR THE USE OF HAZARDOUS WASTE MANIFESTS INCLUDING A REQUIREMENT THAT THEY BE HAND SIGNED BY THE GENERATOR

Table 3-1
APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARs)
for the Former Satralloy Site

Line	Category	Potentially Applicable	Potentially Relevant & Appropriate	Not Applicable	Comment	Citation	Paragraph	Caption	Text
199	HW			X		3745-270-37	A,B	PROHIBITIONS, IGNITABLE AND CORROSIVE WASTES	REQUIRES PRETREATMENT OF WASTES CHARACTERISTIC FOR CORROSIVITY OR IGNITABILITY PRIOR TO LAND DISPOSAL
200	HW			X		3745-54-17	A,B,C	REQ FOR IGNITABLE, REACTIVE OR INCOMPATIBLE HAZ WASTES	PRESENTS GENERAL PRECAUTIONS TO BE TAKEN TO PREVENT ACCIDENTAL IGNITION OR REACTION OF IGNITABLE, REACTIVE OR INCOMPATIBLE WASTES.
201	HW			X		3745-56-81	A,B	LAND TREATMENT REQUIREMENTS; IGNITABLE/REACTIVE WASTES	PROHIBITS THE APPLICATION OF IGNITABLE OR REACTIVE WASTE TO THE TREATMENT ZONE, EXCEPT UNDER CERTAIN CIRCUMSTANCES.
202	HW			X		3745-55-98		TANK REQUIREMENTS FOR IGNITABLE/REACTIVE WASTES	PRESENTS GENERAL PRECAUTIONS TO BE TAKEN TO PREVENT ACCIDENTAL IGNITION OR REACTION OF IGNITABLE OR REACTIVE WASTES THAT ARE TREATED OR STORED IN TANKS.
203	HW			X		3745-55-99	A,B	TANK REQUIREMENTS FOR INCOMPATIBLE WASTES	PRESENTS GENERAL PRECAUTIONS TO BE TAKEN WHEN DEALING WITH POTENTIALLY INCOMPATIBLE WASTES THAT ARE STORED OR TREATED IN TANKS.
204	HW			X		3745-56-56	A,B	WASTE PILE REQUIREMENTS FOR IGNITABLE/ REACTIVE WASTES	PRESENTS GENERAL PRECAUTIONS TO BE TAKEN WHEN DEALING WITH POTENTIALLY IGNITABLE OR REACTIVE HAZARDOUS WASTES THAT ARE STORED OR TREATED IN WASTE PILES.
205	HW			X		3745-55-76		CONTAINER REQUIREMENTS FOR IGNITABLE/REACTIVE WASTES	PRESENTS GENERAL PRECAUTIONS TO BE TAKEN TO PREVENT ACCIDENTAL IGNITION OR REACTION OF IGNITABLE OR REACTIVE WASTES THAT WILL BE STORED IN CONTAINERS.
206	HW			X	No incineration	3745-50-44	C8	ADD'L PERMIT INFO: HAZ WASTE TREATMENT BY INCINERATION	ESTABLISHES SUBSTANTIVE HAZARDOUS WASTE PERMIT REQUIREMENTS NECESSARY FOR OHIO EPA TO DETERMINE ADEQUACY OF INCINERATORS USED TO TREAT HAZARDOUS WASTE. INCLUDES INFORMATION SUCH AS WASTE CHARACTERISTICS, DETAILED DESIGN PLANS AND REPORTS, TRIAL BURN DATA, CLOSURE INFORMATION, ETC... SEE OAC 3745-57-40 THROUGH 3745-57-51 FOR ADDITIONAL INCINERATOR REQUIREMENTS.
207	HW			X		3745-50-62	A,B,C,D	TRIAL BURN FOR INCINERATORS	SPECIFIES REQUIREMENTS OF A TRIAL BURN.
208	HW			X		3745-57-41	A,B	WASTE ANALYSIS FOR INCINERATORS	REQUIRES WASTE ANALYSIS BE PERFORMED FOR TRIAL BURN AND FOR NORMAL OPERATION OF INCINERATOR.
209	HW			X		3745-57-42	A,B,C	PRINCIPAL ORGANIC HAZARDOUS CONSTITUENTS; INCINERATORS	ESTABLISHES METHOD BY WHICH POHCS WILL BE SPECIFIED.
210	HW			X		3745-57-43	A,B,C	PERFORMANCE STANDARDS FOR INCINERATORS	SPECIFIES PERFORMANCE STANDARDS THAT ALL INCINERATORS MUST MEET (DESTRUCTION REMOVAL EFFICIENCIES, HCL EMISSIONS, PARTICULATE EMISSIONS).
211	HW			X		3745-57-44	C	INCINERATOR TRIAL BURNS - ALTERNATIVE DATA	REQUIRES TRIAL BURN TO DETERMINE FINAL OPERATING CONDITIONS.
212	HW			X		3745-57-45	A-F	INCINERATOR OPERATING REQUIREMENTS	SPECIFIES GENERAL OPERATING REQUIREMENTS FOR ALL INCINERATORS.

Table 3-1
APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARs)
for the Former Satralloy Site

Line	Category	Potentially Applicable	Potentially Relevant & Appropriate	Not Applicable	Comment	Citation	Paragraph	Caption	Text
213	HW			X	No incompatible waste	3745-57-47	A,B,C	MONITORING AND INSPECTION OF INCINERATORS	REQUIRES THE MONITORING OF CERTAIN PARAMETERS ON A CONTINUOUS BASIS AND INSPECTIONS OF EQUIPMENT.
214	HW			X		3745-57-51		CLOSURE OF INCINERATORS	REQUIRES THAT ALL HAZARDOUS WASTE AND HAZARDOUS WASTE RESIDUES BE REMOVED FROM THE INCINERATOR SITE.
215	HW			X		3745-57-13		LANDFILL REQUIREMENTS FOR INCOMPATIBLE WASTES	PROHIBITS THE DISPOSAL OF INCOMPATIBLE WASTE IN THE SAME CELL OF A LANDFILL.
216	HW			X		3745-55-77	A,B,C	CONTAINER REQUIREMENTS FOR INCOMPATIBLE WASTES	PRESENTS GENERAL PRECAUTIONS TO BE TAKEN WHEN DEALING WITH INCOMPATIBLE WASTES.
217	HW			X	No land treatment	3745-56-57	A,B,C	WASTE PILE REQUIREMENTS FOR INCOMPATIBLE WASTES	PRESENTS GENERAL PRECAUTIONS TO BE TAKEN WHEN DEALING WITH POTENTIALLY INCOMPATIBLE WASTES THAT ARE STORED OR TREATED IN WASTE PILES.
218	HW			X		3745-50-44	C5	ADD'L PERMIT INFO: HAZ WASTE TREAT/DISP BY LAND TREAT	ESTABLISHES SUBSTANTIVE HAZARDOUS WASTE PERMIT REQUIREMENTS NECESSARY FOR OHIO EPA TO DETERMINE ADEQUACY OF LAND TREATMENT TO TREAT OR DISPOSE OF HAZARDOUS WASTES. INCLUDES INFORMATION SUCH AS WASTE CHARACTERISTICS, DESIGN MEASURES TO MAXIMIZE TREATMENT, DIMENSIONS OF TREATMENT ZONE, DESIGN OF UNIT, INFORMATION ON POTENTIAL CROPS, ETC. SEE OAC 3745-56-70 THROUGH 3745-56-83 FOR ADDITIONAL LAND TREATMENT REQUIREMENTS.
219	HW			X		3745-54-19		CONSRUCTION QUALITY ASSURANCE PLANS	REQUIRES QUALITY ASSURANCE PLANS FOR FOUNDATIONS, DIKES, LINERS, LEACHATE COLLECTION SYSTEMS AND FINALS COVER SYSTEMS
220	HW			X		3745-50-44	C7	ADD'L PERMIT INFO: HAZ WASTE DISPOSAL IN LANDFILLS	ESTABLISHES SUBSTANTIVE HAZARDOUS WASTE PERMIT REQUIREMENTS NECESSARY FOR OHIO EPA TO DETERMINE ADEQUACY OF LANDFILLS USED FOR DISPOSAL OF HAZARDOUS WASTE. INCLUDES INFORMATION SUCH AS WASTE CHARACTERISTICS, DETAILED DESIGN PLANS AND REPORTS, CONTROL OF RUN-ON AND RUN-OFF, CLOSURE INFORMATION, ETC.. SEE OAC 3745-57-02 THROUGH 3745-57-18 FOR ADDITIONAL LANDFILL REQUIREMENTS.
221	HW			X	Not applicable under AOC Policy and/or 3734.O2(G) exemption.	3745-57-01	A-D	ENVIRONMENTAL PERFORMANCE STANDARDS; LAND-BASED UNITS	SPECIFIES LOCATION, DESIGN, CONSTRUCTION, OPERATION, MAINTENANCE AND CLOSURE REQUIREMENTS FOR LANDFILLS, WASTE PILES, SURFACE IMPOUNDMENTS AND UNDERGROUND INJECTION WELLS.
222	HW			X		3745-270-09	A-D	SPECIAL RULES REGARDING CHARACTERISTIC WASTES	RULES APPLICABLE TO LAN D DISPOSAL OF CHARACTERISTIC WASTES
223	HW			X		3745-57-14		SPECIAL REQUIREMENTS FOR BULK AND CONTAINERIZED LIQUIDS	PROHBIBITS LAND DISPOSAL OF BULK AND CONTAINERIZED LIQUIDS

Table 3-1
APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARs)
for the Former Satralloy Site

Line	Category	Potentially Applicable	Potentially Relevant & Appropriate	Not Applicable	Comment	Citation	Paragraph	Caption	Text
224	HW			X		3745-270-32	A-B	WASTE SPECIFIC PROHIBITIONS SOILS EXHIBITING THE TOXICITY CHARACTERISTIC FOR METALS AND CONTAINING PCB'S.	RESTRICTIONS ON DISPOSAL OF WASTES THE ARE TOXIC CHARACTERISTIC FOR METALS AND ALSO CONTAIN PCB'S
225	HW			X		3745-270-34	A-F	WASTE SPECIFIC PROHIBITIONS- TOXIC METALS	RESTRICTIONS ON LAND DISPOSAL OF WASTE THAT ARE TOXIC CHARACTERISTIC FOR SPECIFIED METALS
226	HW			X		3745-57-12	A,B	LANDFILL REQUIREMENTS FOR IGNITABLE/REACTIVE WASTES	PROHIBITS THE DISPOSAL OF IGNITABLE OR REACTIVE WASTE IN A LANDFILL, UNLESS THE WASTE IS TREATED, RENDERED OR MIXED SO THAT THE RESULTANT MATERIAL NO LONGER MEETS THE DEFINITION OF IGNITABLE OR REACTIVE WASTE.
227	HW			X		3745-66-11	A,B,C	CLOSURE PERFORMANCE STANDARD	OWNER SHALL CLOSE FACILITY IN MANNER THAT MINIMIZES NEED FOR FURTHER MAINTENANCE AND REDUCES OR ELIMINATES POLLUTION OF GROUND WATER, SURFACE WATER OR ATMOSPHERE.
228	HW			X		3745-57-83	A-J	DESIGN AND OPERATING REQUIREMENTS FOR DRIP PADS.	RULES FOR OPERATION OF DRIP PADS
229	HW			X		3745-270-38	A-E	PROHIBITIONS, ORGANIC TOXICITY, COKE OVEN WASTES, ETC	RESTRICTIONS ON LAND DISPOSAL OF ORGANIC TOXIC WASTE, COKE OVEN WASTES AND CHLOROTOLUENE WITHOUT PROPER TREATMENT
230	HW			X	No petroleum refining	3745-270-35	A-C	PROHIBITIONS, PETROLEUM REFINING WASTES	RESTRICTIONS ON LAND DISPOSAL OF WASTES FROM PETROLEUM REFINING
231	HW			X	No radioactive waste	3734.02.7	A,B	HANDLING LOW-LEVEL RADIOACTIVE WASTE PROHIBITED	A) PROHIBITS COMMINGLING LOW LEVEL RADIOACTIVE WASTE WITH ANY TYPE OF SOLID WASTE, HAZARDOUS WASTE, OR INFECTIOUS WASTE. B) NO OWNER OR OPERATOR OF A SOLID, INFECTIOUS OR HAZARDOUS WASTE FACILITY SHALL ACCEPT FOR TRANSFER, STORAGE, TREATMENT OR DISPOSAL OF ANY RADIOACTIVE WASTE.
232	HW			X	None of specified wastes	3745-270-39	A-G	ALUMINUM POT LINERS, REACTIVE WASTES , CARBAMATES	RESTRICTIONS ON LAND DISPOSAL OF SPENT ALUMINUM POT LINERS, REACTIVE WASTES AND CARBAMATE WASTES. REQUIRES PRETREATMENT.
233	HW			X	Not applicable under AOC Policy and/or 3734.02(G) exemption.	3745-50-44	C2	ADD'L PERMIT INFO: HAZ WASTE STORAGE/ TREAT IN TANKS	ESTABLISHES SUBSTANTIVE HAZARDOUS WASTE PERMIT REQUIREMENTS NECESSARY FOR OHIO EPA TO DETERMINE ADEQUACY OF TANK TREATMENT AND STORAGE UNITS. INCLUDES INFORMATION SUCH AS ASSESSMENT OF STRUCTURAL INTEGRITY, DETAILED PLANS OF TANK SYSTEM(S), DESCRIPTION OF SECONDARY CONTAINMENT SYSTEM, ETC. SEE OAC 3745-55-90 THROUGH 3745-55-99 FOR ADDITIONAL REQUIREMENTS.
234	HW			X		3745-56-26	A,B,C	MONITORING & INSPECTION OF SURFACE IMPOUNDMENTS	REQUIRES INSPECTION OF LINERS DURING CONSTRUCTION. ALSO REQUIRES WEEKLY AND AFTER STORM INSPECTIONS.

Table 3-1

November 23, 2021

**APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARs)
for the Former Satralloy Site**

Line	Category	Potentially Applicable	Potentially Relevant & Appropriate	Not Applicable	Comment	Citation	Paragraph	Caption	Text
235	HW			X		3745-50-44	C3	ADD'L PERMIT INFO: HAZ WASTE STOR/TREAT IN SURF IMPOUND	ESTABLISHES SUBSTANTIVE HAZARDOUS WASTE PERMIT REQUIREMENTS NECESSARY FOR OHIO EPA TO DETERMINE ADEQUACY OF BOTH NEW SURFACE IMPOUNDMENTS AND EXTENSIONS OF EXISTING SURFACE IMPOUNDMENTS USED TO STORE OR TREAT HAZARDOUS WASTE. INCLUDES INFORMATION SUCH AS WASTE CHARACTERISTICS, DETAILED PLANS AND REPORTS, INFORMATION ON STRUCTURAL INTEGRITY, CLOSURE INFORMATION, ETC. SEE OAC 3745-56-20 THROUGH 3745-56-33 FOR ADDITIONAL SURFACE IMPOUNDMENT REQUIREMENTS.
236	HW			X		3745-50-44	C6	ADD'L PERMIT INFO: ENVIRONMENTAL PERFORMANCE STANDARDS	ESTABLISHES SUBSTANTIVE HAZARDOUS WASTE PERMIT REQUIREMENTS NECESSARY FOR OHIO EPA TO DETERMINE ADEQUACY OF SURFACE IMPOUNDMENTS, WASTE PILES, LAND TREATMENT UNITS, LANDFILLS, AND UNDERGROUND INJECTION WELLS USED TO TREAT, STORE OR DISPOSE OF HAZARDOUS WASTE. INCLUDES INFORMATION SUCH AS WASTE CHARACTERISTICS, DETAILED DESIGN PLANS AND REPORTS, CONTROL OF RUN-ON AND RUN-OFF, CLOSURE INFORMATION, ETC. SEE OAC 3745-57-01 ADDITIONAL REQUIREMENTS.
237	HW			X		3745-56-20	A,B	APPLICABILITY OF RULES CONCERNING SURFACE IMPOUNDMENT	SPECIFIES THAT THE RULES OF 3745-56 SHALL APPLY TO SURFACE IMPOUNDMENTS USED TO TREAT OR STORE HAZARDOUS WASTES
238	HW			X		3745-56-21	A-G	DESIGN & OPERATING REQUIREMENTS ; SURFACE IMPOUNDMENTS	PRESENTS DESIGN AND OPERATING CRITERIA FOR SURFACE IMPOUNDMENTS.
239	HW			X		3745-56-27	A-E	EMERGENCY REPAIRS & CONTINGENCY PLANS ; SURFACE IMPOUND	SPECIFIES WHEN AND HOW SURFACE IMPOUNDMENTS SHOULD BE REMOVED FROM SERVICE FOR REPAIRS.
240	HW			X		3745-56-28	A,B,C	CLOSURE & POST-CLOSURE OF SURFACE IMPOUNDMENTS	PROVIDES CLOSURE AND POST-CLOSURE REQUIREMENTS FOR SURFACE IMPOUNDMENTS.
241	HW			X		3745-56-29	A,B	SURFACE IMP. REQUIREMENTS FOR IGNITABLE/REACTIVE WASTES	PRESENTS GENERAL PRECAUTIONS TO BE TAKEN WHEN DEALING WITH POTENTIALLY IGNITABLE OR REACTIVE WASTES THAT ARE STORED OR TREATED IN SURFACE IMPOUNDMENTS.
242	HW			X		3745-56-30		SURFACE IMPOUND. REQUIREMENTS FOR INCOMPATIBLE WASTES	PRESENTS GENERAL PRECAUTIONS TO BE TAKEN WHEN DEALING WITH POTENTIALLY INCOMPATIBLE WASTES THAT ARE STORED OR TREATED IN SURFACE IMPOUNDMENTS.
243	HW			X		3745-57-74	A-K	STAGING PILES	DESIGN REQUIREMENTS FOR TEMPORARY WASTE STAGING PILES

Table 3-1

November 23, 2021

**APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARs)
for the Former Satralloy Site**

Line	Category	Potentially Applicable	Potentially Relevant & Appropriate	Not Applicable	Comment	Citation	Paragraph	Caption	Text
244	HW			X		3734.05	(D)6,d,g,h	HAZARDOUS WASTE SITING CRITERIA	(D),6,d. A HAZARDOUS WASTE FACILITY INSTALLATION AND OPERATION PERMIT SHALL NOT BE APPROVED UNLESS IT PROVES THAT THE FACILITY REPRESENTS THE MINIMUM RISK OF ALL OF THE FOLLOWING (i)CONTAMINATION OF GROUND AND SURFACE WATERS (ii)FIRES OR EXPLOSIONS FROM TREATMENT, STORAGE OR DISPOSAL METHODS (iii)ACCIDENT DURING TRANSPORTATION (iv)IMPACT ON PUBLIC HEALTH AND SAFETY (v)AIR POLLUTION (vi)SOIL CONTAMINATION (D),6,g,h. PROHIBITS THE FOLLOWING LOCATIONS FOR TREATMENT, STORAGE AND DISPOSAL OF ACUTE HAZARDOUS WASTE: (i) WITHIN 2000 FEET OF ANY RESIDENCE, SCHOOL, HOSPITAL, JAIL OR PRISON; (ii) ANY NATURALLY OCCURRING WETLAND (iii) ANY FLOOD HAZARD AREA (iv) WITHIN ANY STATE PARK OR NATIONAL PARK OR RECREATION AREA
245	HW			X		3734.05	(D)(6)(c)	HAZARDOUS WASTE FACILITY ENVIRONMENTAL IMPACT	A HAZARDOUS WASTE FACILITY INSTALLATION AND OPERATION PERMIT SHALL NOT BE APPROVED UNLESS IT PROVES THAT THE FACILITY REPRESENTS THE MINIMUM ADVERSE ENVIRONMENTAL IMPACT, CONSIDERING THE STATE OF AVAILABLE TECHNOLOGY, THE NATURE AND ECONOMICS OF VARIOUS ALTERNATIVES AND OTHER PERTINENT CONSIDERATIONS
246	HW			X		3745-248-011	A-E	DESIGN AND OPERATING STANDARDS FOR CONTAINMENT BUILDING	STANDARDS FOR DESIGN AND OPERATION OF CONTAINMENT BUILDINGS
247	HW			X		3745-248-02	A,B	CLOSURE AND POST-CLOSURE CARE OF CONTAINMENT BUILDINGS.	STANDARDS FOR CONTAINMENT BUILDING CLOSURE.
248	HW			X		3745-270-07	A-E	TESTING, TRACKING, AND RECORDKEEPING REQUIREMENTS	TESTING, TRACKING, AND RECORDKEEPING REQUIREMENTS FOR GENERATORS, TREATERS, AND DISPOSAL FACILITIES.
249	HW			X		3745-50-44	A	PERMIT INFO REQUIRED FOR ALL HAZ WASTE FACILITIES	ESTABLISHES THE SUBSTANTIVE HAZARDOUS WASTE PERMIT REQUIREMENTS NECESSARY FOR OHIO EPA TO DETERMINE FACILITY COMPLIANCE. INCLUDES INFORMATION SUCH AS FACILITY DESCRIPTION, WASTE CHARACTERISTICS, EQUIPMENT DESCRIPTIONS, CONTINGENCY PLAN, FACILITY LOCATION, TOPOGRAPHIC MAP, ETC.
250	HW			X		3745-50-44	C8	ADD'L PERMIT INFO: HAZ WASTE T/S/D IN MISC UNITS	ESTABLISHES SUBSTANTIVE HAZARDOUS WASTE PERMIT REQUIREMENTS NECESSARY FOR OHIO EPA TO DETERMINE ADEQUACY OF MISCELLANEOUS UNITS USED TO TREAT OR STORE HAZARDOUS WASTE. INCLUDES INFORMATION SUCH AS WASTE CHARACTERISTICS, DETAILED DESIGN PLANS AND REPORTS, CONTROL OF RUN-ON AND RUN-OFF, CLOSURE INFORMATION, ETC.. SEE OAC 3745-57-90 THROUGH 3745-57-93 FOR ADDITIONAL REQUIREMENTS FOR MISCELLANEOUS UNITS. PERTAINING TO CHANNELS, DITCHES,

Table 3-1
APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARs)
for the Former Satralloy Site

Line	Category	Potentially Applicable	Potentially Relevant & Appropriate	Not Applicable	Comment	Citation	Paragraph	Caption	Text
251	HW			X		3745-50-58	E,I,J	CONDITIONS APPLICABLE TO ALL PERMITS	ESTABLISHES GENERAL PERMIT CONDITIONS APPLIED TO ALL HAZARDOUS WASTE FACILITIES IN OHIO. INCLUDES CONDITIONS SUCH AS OPERATION AND MAINTENANCE, SITE ACCESS, MONITORING, ETC.
252	HW			X		3745-54-13	A	GENERAL ANALYSIS OF HAZARDOUS WASTE	PRIOR TO ANY TREATMENT, STORAGE OR DISPOSAL OF HAZARDOUS WASTES, A REPRESENTATIVE SAMPLE OF THE WASTE MUST BE CHEMICALLY AND PHYSICALLY ANALYZED.
253	HW			X		3745-54-14	A,B,C	SECURITY FOR HAZARDOUS WASTE FACILITIES	HAZARDOUS WASTE FACILITIES MUST BE SECURED SO THAT UNAUTHORIZED AND UNKNOWNING ENTRY ARE MINIMIZED OR PROHIBITED.
254	HW			X		3745-54-16		PERSONNEL TRAINING	ESTABLISHES REQUIREMENTS FOR TRAINING OF PERSONNEL AT HAZARDOUS WASTE FACILITIES
255	HW			X		3745-54-15	A,C	INSPECTION REQUIREMENTS FOR HAZARDOUS WASTE FACILITIES	HAZARDOUS WASTE FACILITIES MUST BE INSPECTED REGULARLY TO DETECT MALFUNCTIONS, DETERIORATIONS, OPERATIONAL ERRORS AND DISCHARGES. ANY MALFUNCTIONS OR DETERIORATIONS DETECTED SHALL BE REMEDIED EXPEDITIOUSLY.
256	HW			X		3745-54-18	A,B,C	LOCATION STANDARDS FOR HAZARDOUS WASTE T/S/D FACILITIES	RESTRICTS THE SITING OF HAZARDOUS WASTE FACILITIES IN AREAS OF SEISMIC ACTIVITY OR FLOODPLAINS.
257	HW			X		3745-54-31		DESIGN & OPERATION OF HAZARDOUS WASTE FACILITIES	HAZARDOUS WASTE FACILITIES MUST BE DESIGNED, CONSTRUCTED, MAINTAINED AND OPERATED TO MINIMIZE THE POSSIBILITY OF FIRE, EXPLOSION OR UNPLANNED RELEASE OF HAZARDOUS WASTE OR HAZARDOUS CONSTITUENTS TO THE AIR, SOIL OR SURFACE WATER WHICH COULD THREATEN HUMAN HEALTH OR THE ENVIRONMENT.
258	HW			X		3745-54-32	A,B,C,D	REQUIRED EQUIPMENT FOR HAZARDOUS WASTE FACILITIES	ALL HAZARDOUS WASTE FACILITIES MUST BE EQUIPPED WITH EMERGENCY EQUIPMENT, SUCH AS AN ALARM SYSTEM, FIRE CONTROL EQUIPMENT AND A TELEPHONE OR RADIO.
259	HW			X		3745-54-33		TESTING & MAINTENANCE OF EQUIPMENT; HAZ WASTE FACILITIES	ALL HAZARDOUS WASTE FACILITIES MUST TEST AND MAINTAIN EMERGENCY EQUIPMENT TO ASSURE PROPER OPERATION.
260	HW			X		3745-54-34		ACCESS TO COMMUNICATIONS OR ALARM SYSTEM; HAZ WASTE FAC	WHENEVER HAZARDOUS WASTE IS BEING HANDLED, ALL PERSONNEL INVOLVED SHALL HAVE IMMEDIATE ACCESS TO AN INTERNAL ALARM OR EMERGENCY COMMUNICATION DEVICE.
261	HW			X		3745-54-35		REQUIRED AISLE SPACE AT HAZ WASTE FACILITIES	ADEQUATE AISLE SPACE SHALL BE MAINTAINED TO ALLOW UNOBSTRUCTED MOVEMENT OF PERSONNEL, FIRE EQUIPMENT, SPILL CONTROL EQUIPMENT AND DECONTAMINATION EQUIPMENT INTO ANY AREA OF THE FACILITY OPERATION IN THE EVENT OF AN EMERGENCY.

Table 3-1
APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARs)
for the Former Satralloy Site

Line	Category	Potentially Applicable	Potentially Relevant & Appropriate	Not Applicable	Comment	Citation	Paragraph	Caption	Text
262	HW			X		3745-54-37	A,B	ARRANGEMENTS/ AGREEMENTS WITH LOCAL AUTHORITIES	ARRANGEMENTS OR AGREEMENTS WITH LOCAL AUTHORITIES, SUCH AS POLICE, FIRE DEPARTMENT AND EMERGENCY RESPONSE TEAMS MUST BE MADE. IF LOCAL AUTHORITIES WILL NOT COOPERATE, DOCUMENTATION OF THAT NON-COOPERATION SHOULD BE PROVIDED.
263	HW			X		3745-54-52	A-F	CONTENT OF CONTINGENCY PLAN; HAZ WASTE FACILITIES	HAZARDOUS WASTE FACILITIES MUST HAVE A CONTINGENCY PLAN THAT ADDRESSES ANY UNPLANNED RELEASE OF HAZARDOUS WASTES OR HAZARDOUS CONSTITUENTS INTO THE AIR, SOIL OR SURFACE WATER. THIS RULE ESTABLISHES THE MINIMUM REQUIRED INFORMATION OF SUCH A PLAN.
264	HW			X		3745-54-53	A,B	COPIES OF CONTINGENCY PLAN; HAZARDOUS WASTE FACILITIES	COPIES OF THE CONTINGENCY PLAN REQUIRED BY 3745-54-50 MUST BE MAINTAINED AT THE FACILITY AND SUBMITTED TO ALL LOCAL POLICE DEPARTMENTS, FIRE DEPARTMENTS, HOSPITALS LOCAL EMERGENCY RESPONSE TEAMS AND THE OHIO EPA.
265	HW			X		3745-54-54	A	AMENDMENT OF CONTINGENCY PLAN; HAZ WASTE FACILITIES	THE CONTINGENCY PLAN MUST BE AMENDED IF IT FAILS IN AN EMERGENCY, THE FACILITY CHANGES (IN ITS DESIGN, CONSTRUCTION, MAINTENANCE OR OPERATION), THE LIST OF EMERGENCY COORDINATORS CHANGE OR THE LIST OF EMERGENCY EQUIPMENT.
266	HW			X		3745-54-55		EMERGENCY COORDINATOR; HAZARDOUS WASTE FACILITIES	AT ALL TIMES THERE SHOULD BE AT LEAST ONE EMPLOYEE EITHER ON THE PREMISES OR ON CALL TO COORDINATE ALL EMERGENCY RESPONSE MEASURES.
267	HW			X		3745-54-56	A-I	EMERGENCY PROCEDURES; HAZARDOUS WASTE FACILITIES	SPECIFIES THE PROCEDURES TO BE FOLLOWED IN THE EVENT OF AN EMERGENCY.
268	HW			X		3745-54-73	A,B	OPERATING RECORD	SPECIFIES RECORDS TO BE KEPT AT TSD FACILITIES
269	HW			X		3745-54-77	A	ADDITIONAL REPORTS	REQUIRES FACILITIES TO REPORT FIRES, EXPLOSIONS OR OTHER MISHAPS
270	HW			X		3745-55-11	A,B,C	GENERAL CLOSURE PERFORMANCE STANDARD; HAZ WASTE FACIL	REQUIRES THAT ALL HAZARDOUS WASTE FACILITIES BE CLOSED IN A MANNER THAT MINIMIZES THE NEED FOR FURTHER MAINTENANCE, CONTROLS, MINIMIZES, ELIMINATES OR PREVENTS POST-CLOSURE ESCAPE OF HAZARDOUS WASTE, HAZARDOUS CONSTITUENTS, LEACHATE, CONTAMINATED RUN-OFF OR HAZARDOUS WASTE DECOMPOSITION PRODUCTS TO THE GROUND OR SURFACE WATER OR THE ATMOSPHERE.
271	HW			X		3745-55-12	B	CONTENT OF CLOSURE PLAN; HAZ WASTE FACILITIES	SPECIFIES THE MINIMUM INFORMATION REQUIRED IN A CLOSURE PLAN FOR OHIO EPA TO DETERMINE THE ADEQUACY OF THE PLAN.

Table 3-1
APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARs)
for the Former Satralloy Site

Line	Category	Potentially Applicable	Potentially Relevant & Appropriate	Not Applicable	Comment	Citation	Paragraph	Caption	Text
272	HW			X		3745-55-14		DISPOSAL/ DECON OF EQUIPMENT, STRUCTURES & SOILS	REQUIRES THAT ALL CONTAMINATED EQUIPMENT, STRUCTURES AND SOILS BE PROPERLY DISPOSED OF OR DECONTAMINATED. REMOVAL OF HAZARDOUS WASTES OR CONSTITUENTS FROM A UNIT MAY CONSTITUTE GENERATION OF HAZARDOUS WASTES.
273	HW			X		3745-55-91	A,B,D	ASSESSMENT OF EXISTING TANK SYSTEMS INTEGRITY	REQUIRES THAT EACH EXISTING TANK USED TO STORE OR TREAT HAZARDOUS WASTE THAT DOES NOT HAVE SECONDARY CONTAINMENT BE TESTED TO ASSURE TANK INTEGRITY.
274	HW			X		3745-57-72	D	CORRECTIVE ACTION MANAGEMENT UNITS.	DISCUSSES RULES FOR CORRECTIVE ACTION MANAGEMENT UNITS
275	HW			X		3745-57-91	A,B,C	ENVIRONMENTAL PERFORMANCE STANDARDS FOR MISC UNITS	ESTABLISHES LOCATION, DESIGN, CONSTRUCTION, OPERATION, MAINTENANCE AND CLOSURE REQUIREMENTS FOR MISCELLANEOUS UNITS USED TO TREAT, STORE OR DISPOSE OF HAZARDOUS WASTES.
276	HW			X		3745-57-92		MONITORING, INSPECTING, ANALYZING, ... FOR MISC UNITS	REQUIRES THAT MONITORING, ANALYSIS, INSPECTION, RESPONSE, REPORTING AND CORRECTIVE ACTION BE CONDUCTED AS NECESSARY AT MISCELLANEOUS UNITS TO ASSURE THAT HUMAN HEALTH AND THE ENVIRONMENT ARE PROTECTED.
277	HW			X		3745-57-93		POST-CLOSURE CARE FOR MISC DISPOSAL UNITS	REQUIRES POST-CLOSURE CARE OF MISCELLANEOUS UNITS THAT ARE DISPOSAL UNITS AND OF TREATMENT OR STORAGE MISCELLANEOUS UNITS THAT THAT LEAVE CONTAMINATED SOILS OR GROUND WATER AFTER CLOSURE.
278	HW			X		3745-270-40	A-J	APPLICABILITY OF TREATMENT STANDARDS	DETAILED LISTING OF CHEMICAL SPECIFIC LAND TREATMENT STANDARDS OR REQUIRED TREATMENT TECHNOLOGIES.
279	HW			X		3745-270-42	A-D	TREATMENT STANDARDS EXPRESSED AS SPECIFIED TECHNOLOGIES	LISTS SPECIFIC TREATMENT TECHNOLOGIES REQUIRED FOR SPECIFIC WASTES
280	HW			X		3745-270-48	A	UNIVERSAL TREATMENT STANDARDS	GIVES CONTAMINANT CHEMICAL SPECIFIC STANDARDS FOR LAND DISPOSAL
281	HW			X		3745-56-53		RESPONSE ACTIONS	REQUIRES A PLAN TO ADDRESS LEAKAGE IN WASTE PILES
282	HW			X		3745-270-50	A-F	PROHIBITIONS ON STORAGE OF RESTRICTED WASTES	RULES FOR STORAGE OF WASTES THAT VIOLATE LDR'S
283	HW			X		3745-52-41	A,B	ANNUAL REPORT	REQUIRES GENERATORS TO PREPARE ANNUAL REPORT TO OEPA
284	HW			X		3745-270-30	A-E	WASTE SPECIFIC PROHIBITIONS- WOOD TREATMENT	RESTRICTIONS ON DISPOSAL OF WOOD TREATMENT WASTES, REQUIREMENTS FOR TREATMENT PRIOR TO DISPOSAL
285	HW APC			X		3734.02	(I)	AIR EMISSIONS FROM HAZARDOUS WASTE FACILITIES	NO HAZARDOUS WASTE FACILITY SHALL EMIT ANY PARTICULATE MATTER, DUST, FUMES, GAS, MIST, SMOKE, VAPOR OR ODOROUS SUBSTANCE THAT INTERFERES WITH THE COMFORTABLE ENJOYMENT OF LIFE OR PROPERTY OR IS INJURIOUS TO PUBLIC HEALTH.
286	ODH			X	No radioactive waste	3701:1	1-54-08	LAND DISPOSAL FACILITY REQUIREMENTS	ESTABLISHES STANDARDS FOR LAND DISPOSAL OF RADIOACTIVES WASTES

Table 3-1
APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARs)
for the Former Satralloy Site

Line	Category	Potentially Applicable	Potentially Relevant & Appropriate	Not Applicable	Comment	Citation	Paragraph	Caption	Text
287	ODH			X		3701:1	1-54-09	LAND DISPOSAL - SITE SELECTION, DESIGN AND ENVIRONMENTAL ASSESSMENT	ESTABLISHES CRITERIA FOR LAND DISPOSAL FACILITIES FOR RADIOACTIVE WASTES
288	ODH			X		3701:1	1-54-10	LAND DISPOSAL - CLASSIFICATIONS AND CHARACTERISTICS	ESTABLISHES CLASSIFICATION SYSTEM FOR RADIOACTIVE WASTES
289	ODH			X		3701:1	1-38,1-40,1-46,1-50	RADIATION PROTECTION	SETS STANDARDS FOR RADIATION HANDLING, INCLUDES REQUIREMENTS FOR LICENSURE, DOSAGE, RADIATION PROTECTION, TRANSPORTATION AND RECORD KEEPING
290	ODNR			X	No dam, dike, or levee	1521.06		CONSTRUCTION PERMITS FOR DAMS, DIKES AND LEVEES	NO DAM MAY BE CONSTRUCTED FOR THE PURPOSE OF STORING, CONSERVING OR RETARDING WATER, OR FOR ANY OTHER PURPOSE, NOR SHALL ANY DIKE OR LEVEE BE CONSTRUCTED FOR THE PURPOSE DIVERTING OR RETAINING FLOOD WATER WITHOUT A PERMIT.
291	ODNR			X		1521.062	A-G	MONITORING, MAINTENANCE & OPERATION (DAMS, DIKES, LEVEES)	DAMS, DIKES AND LEVEES (AND ALL APPURTENANCES) SHALL MONITORED, MAINTAINED AND OPERATED SAFELY IN ACCORDANCE WITH STATE RULES, TERMS AND CONDITIONS OF THE PERMIT AND OTHER REQUIREMENTS ISSUED PURSUANT TO THIS SECTION OR SECTION 1521.06 OF THE ORC.
292	ODNR			X		1501:21-11	03-05	PREDESIGN INVESTIGATIONS (DAMS, DIKES, LEVEES)	PRESENTS PREDESIGN REQUIREMENTS FOR DAMS, DIKES AND LEVEES. INCLUDES ON-SITE CONSTRUCTION MATERIAL DATA, SURVEYS AND HYDROLOGIC AND HYDRAULIC INVESTIGATIONS.
293	ODNR			X		1501:21-13	02-08	ADDITIONAL DESIGN REQUIREMENTS FOR DAMS	PRESENTS DESIGN REQUIREMENTS SPECIFIC TO DAMS. INCLUDES SUCH CRITERIA AS DESIGN STORM AND FLOOD, SPILLWAY DESIGN, FREEBOARD REQUIREMENTS, ETC.
294	ODNR			X		1501:21-13	10-14	ADDITIONAL DESIGN REQUIREMENTS FOR DIKES AND LEVEES	PRESENTS DESIGN REQUIREMENTS SPECIFIC TO DIKES AND LEVEES. INCLUDES CRITERIA SUCH AS DESIGN STORM AND FLOOD AND FREEBOARD REQUIREMENTS.
295	ODNR			X		1501:21-15	06	OPERATION, MAINTENANCE AND INSPECTIONS	PRESENTS THE MINIMUM INFORMATION REQUIRED IN A PLAN ADDRESSING THE OPERATION, MAINTENANCE AND INSPECTION OF DAMS, DIKES AND LEVEES.
296	ODNR			X		1501:21-21	03-04	DEFICIENCY AND O&M OF DAMS, DIKES AND LEVEES	DAMS, DIKES AND LEVEES MUST BE OPERATED SAFELY. REPAIRS OR OTHER REMEDIAL MEASURES SHALL BE PERFORMED ON DAMS, DIKES AND LEVEES AS NECESSARY TO SAFEGUARD LIFE, HEALTH OR PROPERTY.
297	ODNR			X		1501:21-5	02-06	DESIGN REQUIREMENTS FOR DAMS, DIKES AND LEVEES	SPECIFIES MINIMUM INFORMATION REQUIRED DURING DESIGN FOR OHIO DNR TO DETERMINE ADEQUACY OF PROPOSED DAM, DIKE OR LEVEE. INCLUDES DESIGN REPORTS, PLANS AND SPECIFICATIONS.

Table 3-1
APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARs)
for the Former Satralloy Site

November 23, 2021

Line	Category	Potentially Applicable	Potentially Relevant & Appropriate	Not Applicable	Comment	Citation	Paragraph	Caption	Text
298	ODNR			X	Not excavating natural mineral deposits	1501:14-3	2-11	SOIL AND DRAINAGE	REQUIREMENTS FOR RECLAMATION OF SURFACE MINED AREAS. ISOLATION OF ACID DRAINAGE, RESTRICTION ON SURFACE WATER IMPOUNDMENTS, RULES FOR USE OF EXPLOSIVES, PROTECTION OF UNDERGROUND WATER SUPPLIES, SAFETY OF HIGHWALLS, RESOILING, REVEGETATION, DAMS AND DIVERSIONS.
299	ODNR			X		1501:14-4	1-3	GEOLOGICAL SURVEYS	REQUIRES SURVEY AND OTHER INFORMATION FOR SURFACE MINING.
300	ODNR			X	Not excavating natural mineral deposits	1514			(A) "Surface mining" means all or any part of a process followed in the production of minerals from the earth or from the surface of the land by surface excavation methods
301	ODNR			X	No wild, scenic, or recreational river	1517.16		CHANNEL MODIFICATIONS MUST BE APPROVED	NO GOVERNMENTAL BODY MAY MODIFY THE CHANNEL OF ANY WATERCOURSE WITHIN A WILD, SCENIC OR RECREATIONAL RIVER AREA OUTSIDE THE LIMITS OF A MUNICIPAL CORPORATION WITHOUT APPROVAL FROM THE DIRECTOR OF ODNR
302	Federal ESA	X			No federal threatened/ endangered species on the Site. However, may need to revisit if Jurisdictional Delineation expires or wetland permit required.	50 CFR 17; 40 CFR 6.302(h)		Endangered Species Act	Requires that Federal agencies insure that any action authorized, funded, or carried out by the agency is not likely to jeopardize the continued existence of any threatened or endangered species or destroy or adversely modify critical habitat.
303	ODNR	X			None known, but have not yet performed determination for Site.	1531.25		ENDANGERED ANIMAL SPECIES	PROHIBITS REMOVAL OR DESTRUCTION OF ENDANGERED ANIMAL SPECIES
304	ODNR	X				1501:31-23	01, A-B	LIST OF ENDANGERED ANIMAL SPECIES	LIST OF OHIO ANIMAL SPECIES CONSIDERED ENDANGERED.
305	ODNR		X			1501-18-1	03, A	LIST OF ENDANGERED PLANT SPECIES	PLANT SPECIES CONSIDERED ENDANGERED IN OHIO
306	ODNR			X		1518.02		ENDANGERED PLANT SPECIES	PROHIBITS REMOVAL OR DESTRUCTION OF ENDANGERED PLANT SPECIES (SOME PRIVATE PROPERTY EXCEPTIONS).

Table 3-1
APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARs)
for the Former Satralloy Site

Line	Category	Potentially Applicable	Potentially Relevant & Appropriate	Not Applicable	Comment	Citation	Paragraph	Caption	Text
307	UIC			X	No underground injection	6111.04.3		INJECTION OF SEWAGE OR WASTES INTO WELLS	ESTABLISHES A REGULATORY PROGRAM FOR THE INJECTION OF WASTES INTO WELLS THAT PREVENTS THE CONTAMINATION OF UNDERGROUND SOURCES OF DRINKING WATER.
308	UIC			X		3745-34-06		PROHIBITION OF UNAUTHORIZED INJECTION	UNDERGROUND INJECTION IS PROHIBITED WITHOUT AUTHORIZATION FROM THE DIRECTOR.
309	UIC			X		3745-34-07		NO MOVEMENT OF FLUID INTO UNDERGROUND DRINKING WATER	THE UNDERGROUND INJECTION OF FLUID CONTAINING ANY CONTAMINANT INTO AN UNDERGROUND SOURCE OF DRINKING WATER IS PROHIBITED IF THE PRESENCE OF THAT CONTAMINANT MAY CAUSE A VIOLATION OF THE PRIMARY DRINKING WATER STANDARDS OR OTHERWISE ADVERSELY AFFECT THE HEALTH OF PERSONS.
310	UIC			X		3745-34-08		ELIMINATION OF CLASS IV WELLS	THE INJECTION OF HAZARDOUS OR RADIOACTIVE WASTE DIRECTLY INTO AN UNDERGROUND SOURCE OF DRINKING WATER IS PROHIBITED.
311	UIC			X		3745-34-09		REQUIREMENTS FOR WELLS INJECTING HAZARDOUS WASTE	SPECIFIES REQUIREMENTS FOR THE INJECTION OF HAZARDOUS WASTES UNDERGROUND. SEE 3745-34-08 FOR LIMITATIONS.6 OF THE ORC.
312	UIC			X		3745-34-13		CLASS V WELLS	SPECIFIES REQUIREMENTS FOR CLASS V WELLS. SEE 3745-34-04 FOR DEFINITIONS.
313	UIC			X		3745-34-26		CONDITIONS APPLICABLE TO ALL PERMITS	SPECIFIES MINIMUM CONDITIONS TO BE APPLIED TO ALL UNDERGROUND INJECTIONS.
314	UIC			X		3745-34-34		MECHANICAL INTEGRITY	SPECIFIES REQUIREMENTS TO BE MET TO ENSURE MECHANICAL INTEGRITY OF WELLS.
315	UIC			X		3745-34-36		PLUGGING AND ABANDONING CLASS I WELLS	SPECIFIES REQUIREMENTS TO BE MET WHEN PLUGGING OR ABANDONING A CLASS I WELL. SEE 3745-34-04 FOR DEFINITIONS.
316	UIC			X		3745-34-37		CONSTRUCTION REQUIREMENTS FOR CLASS I WELLS	SPECIFIES CONSTRUCTION AND SITING REQUIREMENTS FOR CLASS I WELLS.

Table 3-1
APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARs)
for the Former Satralloy Site

Line	Category	Potentially Applicable	Potentially Relevant & Appropriate	Not Applicable	Comment	Citation	Paragraph	Caption	Text
317	UIC			X		3745-34-38		OPERATING, MONITORING & REPORTING REQ FOR CLASS I WELLS	SPECIFIES OPERATING, MONITORING AND REPORTING REQUIREMENTS NECESSARY FOR CLASS I WELLS.
318	Federal Archeology			X	Cultural resources investigated; none present.	40 CFR 6		Archaeological and Historic Preservation Act	Establishes procedure to provide for the preservation of historical and archaeological data that might be destroyed through alteration of terrain as a result of a federally licensed activity or program.
319	Federal Historic			X		36 CFR 800		National Historic Preservation Act	This act establishes procedures to provide for the preservation of historical and archaeological data.
320	Federal TSCA			X	PCB impacts removed as interim action.	40 CFR 761.60		Toxic Substances Control Act (TSCA)	Regulates use and manufacture of toxic substances abd storage and disposal of polychlorinated biphenyls (PCBs).