

**SWMU and AOC Summary Table
DuPont Brevard Facility
Cedar Mountain, North Carolina**

Unit Number	Unit Name	Unit Description	Current Status
SWMU 1	Hazardous Waste Storage Pad	55-gallon drums stored on wooden pallets. The storage area is on a reinforced concrete pad, covered by a road and enclosed on three sides.	Clean Closed - NFA
SWMU 2A	HW Satellite Accumulation Area	A 55-gallon drum located inside the manufacturing building for the Finishing Area Maintenance Shop and the Machine Shop which was used to store solvent-tainted rags. The storage area rests on the shop's concrete floor and was clearly marked as hazardous waste.	Clean Closed - NFA
SWMU 2B	HW Satellite Accumulation Area	Consists of a drum used to store laboratory solvents. Storage area is shed with the drum on a steel grate pad over a 12-inch trench surrounded for secondary containment.	Clean Closed - NFA
SWMU 2C	HW Satellite Accumulation Area	A drum used to store paint thinners in the construction area. The drum was stored in an enclosed storage shed on a steel grate over a 12-inch trench surrounded by a 6-inch concrete dike for secondary containment.	Clean Closed - NFA
SWMU 3A	Waste Hydrocarbon Accumulation Areas	Outdoor storage area for drums of motor oil and lubricating oil consisting of a wooden pallet sitting on a concrete pad with no secondary containment curb. Located south of the polishing pond, adjacent to SWMU 2C.	Clean Closed - NFA
SWMU 3B	Waste Hydrocarbon Accumulation Areas	Storage area for drums of motor oil, oil filters, and anti-freeze. The storage area consists of wooden pallets which sit on gravel located under a roof between the P&O shop and the adjacent warehouse.	Clean Closed - NFA
SWMU 3C	Waste Hydrocarbon Accumulation Areas	A collection area for one drum of Dowtherm. The collection area consists of a concrete pad with a wooden pallet located west of the Power House.	Clean Closed - NFA
SWMU 3D	Waste Hydrocarbon Accumulation Areas	Is an accumulation area for drums of ethylene glycol from the Polymerization process. The storage area consists of a concrete pad located on the east side of the Casting and Stretching section of the main plant building.	Clean Closed - NFA
SWMU 3E	Waste Hydrocarbon Accumulation Areas	Is a storage area for drums of triethylene glycol and Dowtherm. The storage area consists of a concrete pad located on the north side of the warehouse that is situated south of the Power House.	Clean Closed - NFA
SWMU 4	Wastewater Treatment Plant Area	Consists of a horseshoe shaped pond, emergency spill basin, secondary clarification, and settling ponds. All units open-topped and unlined except the spill (emergency diversion) basin, which is clay-lined.	Soil contamination removed. Groundwater contamination includes VOCs, ammonia, metals, 1,4-dioxane. Will complete RFI and Remedial Action Plan (RAP) at unit.

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SWMU 5	Process Sewer System	Consists of a system of underground pipes and manholes that convey untreated process wastewater from the main plant area to the plant wastewater treatment system.	RFI during building removal. No soil contamination found. Groundwater monitoring continuing to determine if any releases.
SWMU 6	Storm Sewer System	Consists of a system of drains and ditches that are generally unlined but constructed of concrete in some areas.	RFI during building removal. No soil contamination found. Groundwater monitoring continuing to determine if any releases.
SWMU 7	AFB Settling Basin	An asphalt covered area consisting of the alternate fuels boiler unit and building, waste material empty drums, clarifier, used oil storage area, and a separate unlined sedimentation basin. Most of area covered in asphalt pavement.	Previous sampling found no contamination. Additional sampling planned during RFI.
SWMU 8	PET Recycle Storage Area	Waste PET flake generated by the manufacturing process is stored in dumpsters situated on asphalt north of the power house and the east side of the C&S building.	Clean Closed - NFA
SWMU 9	Former Silver Recovery Drying Bed	An area where sludges from the former evaporation basin area containing silver bromide were spread out on a plastic liner and allowed to air dry. The dried material was then removed for reclamation.	Clean Closed - NFA
SWMU 10	Former Sedimentation Basin	Consists of an in-ground, open-topped, concrete-lined basin approx. 20x20x6 located north of the 3B coating building and east of the 3BX coater. The unit received sanitary and process waste before the horse-shoe pond was constructed to allow sediment settlement prior to discharge to SWMU 20.	Clean Closed - NFA
SWMU 11	Disposal Area Number 1 (former East Landfill)	An inactive and unlined permitted solid waste landfill. From June 2011 to July 2012 waste film was removed from SWMU 11 and SWMU 14 and recycled offsite. Waste from SWMU 14 not qualified for recycling was placed in SWMU 11.	Regulated as a CAMU under the RCRA Permit. Groundwater monitoring has detected some VOCs and 1,4-dioxane. Groundwater monitoring to continue until closure. Area to be reconfigured and reshaped, capped, and left in place with LURs limiting use.
SWMU 12A-C	Former North Landfill	A permitted landfill that has three distinct cells; SWMU 12A contains asbestos; SWMU 12B includes demolition waste such as concrete, gravel, scrap metal, wood, cardboard; SWMU 12C contains food waste from the cafeteria. Area also consisted of a sediment-settling basin. The extents of SWMU 12 cover an area of 0.20 acre (SWMU 12A) and 0.6 acre (SWMU 12B&C).	Area to be capped and left in place with LURs requiring no disturbance.

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SWMU 13	Former Disposal Area - Tennis Courts	An unlined landfill which has been capped. Consists of domestic garbage, film scraps, weak acids, glycol, digester sludge. The landfill was capped with soil of unspecified thickness and permeability.	RFI continuing. Soil and groundwater contamination includes VOCs, biphenyl, and some metals. Area to be capped and left in place with LUR limiting use.
SWMU 14	Former Disposal Area Number 4 (West Landfill)	An unlined landfill which was capped and formerly used as a baseball field. Used to dispose plant trash, scrap film, glycol, process liquid wastes. From June 2011 to July 2012 waste film was removed from SWMU 14 and recycled offsite. The remaining waste which was not recycled was added to SWMU 11. A small portion of waste material remains under Stanton Road.	Area excavated in 2011-12. Returned to "native" state. RFI scheduled to confirm if any contamination remains.
SWMU 15	Former Silicon Disposal Area	An unlined disposal area that stored scrap elemental silicon and it has been capped.	Soil and Groundwater sampling detected VOCs, PAHs, 1,4-dioxane. RFI scheduled to confirm extent of contamination
SWMU 16	Former Disposal Area 6 - Equipment Sludge Disposal	Consists of one 40 by 40 foot area and two 10 by 30 foot areas. The areas are unlined and capped with soil and exhibit vegetative cover. Consisted of a disposal area for weak acids, glycols, resins, process wastes, sanitary wastes, carbon black and glycol dimethyl terephthalate.	Soil and Groundwater sampling detected VOCs, SVOCs, biphenyl, and 1,4-dioxane. RFI continuing. Area to be capped and left in place with LURs limiting use.
SWMU 17	Former Power Hill Disposal Area	Six unlined disposal areas ranging from approximately 20 feet by 65 feet to 16 feet by 22 feet. The areas have been capped with soil. Used to dispose of neutralized wasted hydrofluoric acid and miscellaneous waste liquids such as glycols, solvents, degraded polymer, resin and gel and broken thermometers.	RFI continuing. Previous sampling detected VOCs, SVOCs, and metals. Corrective action for this unit is under development.
SWMU 18A & B	Former Disposal Area 8 - Evaporation Basin	Two earthen-lined, open-topped ponds approximately 130 feet by 270 feet and five feet deep. An extension to the 3B Coater building was constructed over part of these ponds. Used as settling ponds for process wastewater containing zinc chloride.	RFI continuing. Previous soil and groundwater sampling detected VOCs, metals, and biphenyl. Area to be capped and left in place with LURs limiting use.
SWMU 19	Former Disposal Area #12 - Digester Sludge Disposal Area	An unlined disposal area which has been covered with soil and extends less than one half of an acre. Used for the disposal of digester pit sludge which contained glycol and carbon black.	RFI continuing. Soil and groundwater sampling detected VOCs, metals, and biphenyl. Area to be capped and left in place with LURs limiting use.
SWMU 20	Former WWTP Settling Pond	An earthen-lined, open-topped pond approximately 120 feet by 240 feet and five feet in depth. Prior to being discharged to the Little River, waters from the WWTP were collected in the pond and sediments were allowed to settle.	Adjacent to SWMU 18. RFI continuing. Previous soil and groundwater sampling detected VOCs, metals, and biphenyl. Area to be capped and left in place with LURs limiting use.

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AOC A	Fuel Oil Tank Farm	One 300,000 gallon tank, one 500,000 gallon tank, and one one-million gallon tank. The above-ground tanks were located in a bermed, gravel-lined area.	RFI continuing. Previous sampling detected VOCs and SVOCs. Area to be capped and left in place with LURs limiting use.
AOC B	CP Tank Farm	Seven above-ground tanks located within a diked, gravel-lined area. Two 65,000 gallon tanks, one 25,500 gallon tank, two 26,500 gallon tanks, one 8,000 gallon tank, and one 25,000 gallon tank.	Previous sampling detected no contamination above standards. RFI continuing.
AOC C	Save All System - Silver recovery unit	Two 10,000 gallon tanks located within a concrete-lined pit. Used to recover silver bromide from process waste.	Previous sampling detected no contamination above standards. RFI continuing.
AOC D	Jet Water Cooling Tower	Unit used to circulate water potentially contaminated with acid aldehyde vapors and other catalysts.	Previous sampling detected no contamination above standards. RFI continuing.
AOC E	Silver Recovery Transfer Line	An underground transfer line that runs from the R&D building, along the west side of the manufacturing building to the Save-all silver recovery unit.	Previous sampling detected contamination. RFI continuing. Area to be left in place with LURs limiting use.
AOC F	Construction and Demolition Disposal Area	Disposal area located in the northeast corner of the Site near SWMU4.	Previous sampling detected no contamination above standards. Area to be left in place with LURs limiting use.

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AOC G	Former Sand Blasting Area	Area located off the southeastern corner of the polishing pond and north of the construction area. The area was used in the sand blasting of metal parts relating to construction and maintenance activities.	Previous sampling detected no contamination above standards. Area to be left in place with LURs limiting use.
AOC H	Glycol Satellite Storage Tanks	Consists of 2 tri-ethylene glycol above-ground storage tanks located adjacent to the south side of the manufacturing building east of the courtyard for the administration building. The area was observed to be lined with concrete materials.	RFI continuing.
AOC I	Powerhouse Gravel Area	A graveled area along the southeastern corner of the powerhouse located on the south side of the manufacturing building. This area was used to generate steam for the manufacturing process through the combustion of natural gas and fuel oils.	Previous sampling detected contamination above standards. Contaminants include PAHs and metals. RFI continuing. Area to be left in place with LURs limiting use.
AOC J	Dowtherm Vaporizer Area	Located south of the former main manufacturing building adjacent to AOC I. Former area where heat transfer fluid was managed.	Previous sampling detected contamination. RFI continuing. Contaminants include PAHs and metals. Area to be left in place with LURs limiting use.
AOC K	Glycol Hot Well Area	Located south of the former main manufacturing building adjacent to AOC I. Former area where process materials were stored/managed.	Previous sampling detected contamination. RFI continuing. Contaminants include PAHs and metals. Area to be left in place with LURs limiting use.