FINAL

| 1 | | | (1-5)
(DO NOT USE)

FORM A: GENERAL FACILITY INFORMATION

(1)

Company Name: OLIN CORPORATION
Division/Subsidiary Winchester Group
Facility Name: New Haven Winchester Arms (Ammunition and Dry Cell Battery Mfg.)

Address: 275 Winchester Avenue
No. Street

New Haven, Ct 06511
City State Zip Code

Note: Direct questions to W. Scott Ferguson (203-356-2218)

Name of Person Completing Form: G. T. Wisely

Position: Winchester Group Environmental Manager

Phone Number:

Approximate period of operation: Dry Cell Battery Mfg. 1940-1955
Ammunition Mfg. Prior to World War I to 1970

1. Year Facility Opened 18 6 6 (10-11)

2. Primary SIC Code 3 4 8 4 (12-15)

3. Estimate the total amounts of process wastes (excluding wastes sold for use) generated by this facility during 1978:
USE ONLY TONS IF POSSIBLE - right justify response

thousand gallons ..... (16-24)

hundred tons 0 (25-32)

thousand cubic yards ..... (33-41)

4. Estimate (in whole percents) how these process wastes generated in 1978 were disposed of:

in landfill ..... (42-44)

in pit/pond/lagoon ..... (45-47)

in deep well ..... (48-50)

incinerated ..... (51-53)

reprocessed/recycled ..... (54-56)

evaporated ..... (57-59)

unknown ..... (60-62)

other (Specify_____)..... (63-65)

5. What is the total number of known sites (including disposal on the property where this facility is located as one site) that have been used for the disposal of process wastes from this facility since 1950?..... 1 (66-68)

COMPLETE ONE FORM "B" FOR EACH OF THE SITES

6. Have any of the process wastes generated at this facility been hauled (removed) from this facility for disposal? (Yes=1; no=2) 1 (69)

IF YES, COMPLETE FORM "C"

7. Do you know the disposal site locations of all of the process waste hauled from your facility since 1950? (Yes=1; no=2) 2 (70)

IF NO, COMPLETE ONE FORM "D" FOR EACH FIRM OR CONTRACTOR WHO TOOK WASTE TO AN UNKNOWN LOCATION

8. Specify the earliest year represented by information from company or facility records supplied on this and other forms ..... 19 (71-72) No Record

9. Specify the earliest year represented by information from employee knowledge supplied on this and other forms 19 5 0 (73-74)

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FINAL

[| | | | | | |] (1-8)
(DO NOT USE)

FORM B: DISPOSAL SITE INFORMATION

COMPLETE THIS FORM FOR EVERY SITE (INCLUDING THE LOCATION OF THIS FACILITY AS ONE SITE) USED FOR THE DISPOSAL OF PROCESS WASTES GENERATED BY THIS FACILITY SINCE 1950.

(2)

Company Name: Olin Corporation Division/Subsidiary Winchester
Facility Name: New Haven Winchester Arms
Name of Site: Pine Swamp
Address of Site: _____
no. street

Hamden CT 06514
city state zip code

Name of Owner (while used by facility): Olin Corporation
Address: 120 Long Ridge Road
no. street

Stamford CT 06904
city state zip code

Current Owner (if different from above): _____
Address: _____
no. street

_____
city state zip code

1. Location (1= the property on which facility is located; 2= off-site) ..... [2] (10)
2. Ownership at time of use (1= company ownership; 2=private but not company ownership) 3=public ownership; 9=don't know) ..... [1] (11)
3. Current status (1= closed; 2= still in use; 9=don't know) ..... [1] (12)
   IF CLOSED, specify year closed ..... 19[6 6] (13-14)
4. Year first used for process waste from this facility .....(1). 19[ ] (15-16)
5. Year last used for process waste from this facility (enter "79" if still in use) ..... 19[6 6] (17-18)
6. Total amount of process waste from this facility disposed at site:
   USE TONS ONLY IF POSSIBLE: Right justify response
   thousand gallons ..... [| | | | | |] (19-26)
   hundred tons ...UNKNOWN.... [9 9 9 9 9 9 9] (27-33)
   thousand cubic yards ..... [| | | | | |] (34-41)
7. Specify type(s) of disposal method(s) used at site and whether method is still in use (1=currently in use; 2=no longer in use; 3=never used; 9=don't know)
   landfill, mono industrial waste ..... [3] (42)
   landfill, mixed industrial waste ..... [2] (43)
   landfill, drummed waste ..... [9] (44)
   landfill, municipal refuse co-disposed ... [3] (45)
   pits/ponds/lagoons ..... [2] (46)
   deep well injection ..... [3] (47)
   land farming ..... [3] (48)
   incineration ..... [3] (49)
   treatment (eg. neutralizing)..... [3] (50)
   reprocessing/recycling ..... [3] (51)
   other (specify) Open Burning .... [2] (52)
8. Users of this site (1=this facility; 2=this facility and other company facilities only; 3=this company and others; 9=don't know) ..... [2] (53)

LIST NAMES AND ADDRESSES OF OTHER KNOWN USERS BELOW

Olin Research Center
275 South Winchester Avenue
New Haven, CT 06511

(1) Property owned since 1880 - do not know when first used for process waste.

FORM B CONTINUED ON SECOND PAGE

[1] (80)

| | | | | | | | (1-3)
(DO NOT USE)

Company Name: OLIN CORPORATION
Division/Subsidiary: Winchester
Facility Name: New Haven Winchester Arms (3)

Site Name: Pine Swamp

9. Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know)

FILL IN EVERY BLOCK SPACE

Acid solutions, with pH<3	2	(10)
pickling liquor	2	(11)
metal plating waste	2	(12)
circuit etchings	2	(13)
inorganic acid manufacture	2	(14)
organic acid manufacture	2	(15)
Base solutions, with pH>12	2	(16)
caustic soda manufacture	2	(17)
nylon and similar polymer generation	2	(18)
scrubber residual	2	(19)
Heavy metals & trace metals (bonded organically & inorganically)	1	(20)
arsenic, selenium, antimony	2	(21)
mercury	2	(22)
iron, manganese, magnesium	1	(23)
zinc, cadmium, copper, chromium (trivalent)	1	(24)
chromium (hexavalent)	2	(25)
lead	1	(26)
Radioactive residues, >50pico curies/gram	2	(27)
uranium residuals & residuals for UF_6 recycling	2	(28)
lathanide series elements and rare earth salts	2	(29)
phosphate slag	2	(30)
thorium	2	(31)
radium	2	(32)
other alpha, beta & gamma emitters	2	(33)
Organics	1	(34)
insecticides & intermediates	2	(35)
herbicides & intermediates	2	(36)
fungicides & intermediates	2	(37)
rodenticides & intermediates	2	(38)
halogenated aliphatics	2	(39)
halogenated aromatics	2	(40)
acrylates & latex emulsions	2	(41)
PCB/PBB's	2	(42)
amides, amines, imides	2	(43)
plastizers	2	(44)
resins	2	(45)
elastomers	2	(46)
solvents polar (except water)	2	(47)
carbontetrachloride	2	(48)
trichloroethylene	2	(49)
other solvents nonpolar	2	(50)
solvents halogenated aliphatic	2	(51)
solvents halogenated aromatic	2	(52)
oils and oil sludges	1	(53)
esters and ethers	2	(54)
alcohols	2	(55)
ketones & aldehydes	2	(56)
dioxins	2	(57)
Inorganics	1	(58)
salts	1	(59)
mercaptans	2	(60)
Misc	1	(61)
pharmaceutical wastes	2	(62)
paints & pigments	2	(63)
catalysts (eg. vanadium, platinum, palladium)	2	(64)
asbestos	2	(65)
shock sensitive wastes (eg. nitrated toluenes)	1	(66) (1)
air water reactive wastes (eg. P_4, aluminum chloride)	2	(67)
wastes with flash point below 100° F	2	(68)

(1) Ground contamination with ammunition powders

FORM E: HAULER INFORMATION

(DO NOT USE) (1-5)

PROVIDE A COMPLETE LIST OF ALL FIRMS AND INDEPENDENT CONTRACTORS, INCLUDING THE COMPANY AND ITS AFFILIATES AND SUBSIDIARIES, USED TO REMOVE PROCESS WASTES FROM THIS FACILITY SINCE 1950. (4)

Company Name: OLIN CORPORATION
Division/Subsidiary Winchester
Facility Name: New Haven Winchester Arms

Name of Firm or Contractor	Address	ICC # (If Known)	Years Used
UNKNOWN			

FORM D: SUPPLEMENTAL HAULER INFORMATION

COMPLETE THIS FORM FOR EACH FIRM OR INDEPENDENT CONTRACTOR (INCLUDING YOUR OWN COMPANY, ITS AFFILIATES & SUBSIDIARIES) WHO REMOVED PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOK IT TO AN UNKNOWN LOCATION

| | | | | | | | | (1-8)
(DO NOT USE)

Company Name: OLIN CORPORATION (5)
Facility Name: New Haven Winchester Arms
Name of Hauling Firm/Contractor: Winchester
Address: (no.) 275 (street) Wincehster Avenue
(city) New Haven (state) CT (zip code) 06511

1. Year first used ..... Unknown
2. Year last used (enter "79" if still in use) ..... 19 | | | (10-11)
3. Total amount of process waste hauled from this facility: 19 7 10 (12-13)
   thousand gallons ..... | | | | | | | | (14-21)
   hundred tons..Unknown..... | | | | | | | | (22-28)
   thousand cubic yards ..... | | | | | | | | (29-36)
4. Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know): FILL IN EVERY BLOCK SPACE

Acid solutions, with pH<3	2	(37)
pickling liquor	2	(38)
metal plating waste	2	(39)
circuit etchings	2	(40)
inorganic acid manufacture	2	(41)
organic acid manufacture	2	(42)
Base solutions, with pH>10	2	(43)
caustic soda manufacture	2	(44)
nylon and similar polymer generation	2	(45)
scrubber residual	2	(46)
Heavy metals & trace metals (bonded organically & inorganically)	1	(47)
arsenic, selenium, antimony	2	(48)
mercury	2	(49)
iron, manganese, magnesium	1	(50)
zinc, cadmium, copper, chromium (trivalent)	1	(51)
chromium (hexavalent)	2	(52)
lead	1	(53)
Radioactive residues, >3 pico curies/liter	2	(54)
uranium residuals & residuals for UF_6 recycling	2	(55)
lathanide series elements and rare earth salts	2	(56)
phosphate slag	2	(57)
thorium	2	(58)
radium	2	(59)
other alpha, beta & gamma emitters	2	(60)
Organics	1	(61)
pesticides & intermediates	2	(62)
herbicides & intermediates	2	(63)
fungicides & intermediates	2	(64)
rodenticides & intermediates	2	(65)
halogenated aliphatics	2	(66)
halogenated aromatics	2	(67)
acrylates & latex emulsions	2	(68)
PCB/PBB's	2	(69)
amides, amines, imides	2	(70)
plastizers	2	(71)
resins	2	(72)
elastomers	2	(73)
solvents polar (except water)	2	(74)
carbontetrachloride	2	(75)
trichloroethylene	2	(76)
other solvents nonpolar	2	(77)
solvents halogenated aliphatic	2	(78)
solvents halogenated aromatic	2	(79)
oils and oil sludges	1	(80)
esters and ethers	1	(10)
alcohols	2	(11)
ketones & aldehydes	2	(12)
dioxins	2	(13)
Inorganics	2	(14)
salts	1	(15)
mercaptans	1	(16)
Misc.	2	(17)
pharmaceutical wastes	1	(18)
paints & pigments	2	(19)
catalysts (eg. vanadium, platinum, palladium)	2	(20)
asbestos	2	(21)
shock sensitive wastes (eg. nitrated toluenes)	2	(22)
air water reactive wastes (eg. P_4, aluminum chloride)	2	(23)
wastes with flash points below 1000 F	2	(24)

ATTACHMENT K